AGENDA | REGULAR TOWN COUNCIL MEETING

Tuesday, October 13, 2026 at 6:00 PM
Council Chambers – Apex Town Hall, 73 Hunter Street
The meeting will adjourn when all business is concluded or 11:00 PM, whichever comes first

Governing Body and Town Senior Executive Leadership

Mayor: Jacques K. Gilbert | Mayor Pro Tempore: Terry Mahaffey
Council Members: Edward Gray, Arno Zegerman, Shane Reese, Sue Mu
Town Manager: Randal E. Vosburg
Deputy Town Managers: Demetria John, Marty Stone, and Shawn Purvis
Town Clerk: Allen L. Coleman | Interim Town Attorney: Brian Meyer

English	Spanish	Chinese (Simplified)
ANNOUNCEMENTS Members of the public can 1one1m and view the meeting on the Town's YouTube Channel https://www.youtube.com/c/TownofApexGov or attend in-person. The meeting date, start time, and location details are included at the top of this agenda document.	**ANUNCIOS** Las personas interesadas pueden acceder y ver la reunión a través del canal de YouTube de la Ciudad en https://www.youtube.com/c/TownofApexGov o asistir en persona. En la parte superior de este documento de agenda se indican la fecha, la hora de inicio y la ubicación de la reunión.	**公告** 公众可通过镇政府的YouTube频道 https://www.youtube.com/c/TownofApexGov 在线旁听会议，或选择现场参与。会议日期、开始时间及地点详情见本议程文件顶部。
Accommodation Statement: Anyone needing special accommodations to attend this meeting and/or if this 1one1mation is needed in an alternative format, please contact the Town Clerk's Office. The Town Clerk is located at 73 Hunter Street in Apex Town Hall on the 2nd Floor, (email) allen.coleman@apexnc.org or (1one) 919-249-1260.	**Aviso sobre adaptaciones:** Si necesita adaptaciones especiales para asistir a esta reunión o requiere esta información en un formato alternativo, comuníquese con la Oficina del Secretario Municipal, ubicada en el segundo piso del Ayuntamiento de Apex, en 73 Hunter Street, por correo electrónico a través de allen.coleman@apexnc.org o llamando al 919-249-1260.	**便利服务声明：** 如需特殊便利服务以参加本次会议，或需要将本信息提供为其他格式，请联系镇书记官办公室。 办公地址：Apex镇政务厅二楼（Hunter街73号） 邮箱：allen.coleman@apexnc.org 电话：919-249-1260

COMMENCEMENT, INVOCATION, AND PLEDGE OF ALLEGIANCE

The Town of Apex values and celebrates diversity and inclusion. We see diversity as a strength that binds our community together – inviting members from different faith communities to deliver the invocation at the beginning of our Council meetings, supports this unity. Recognizing that not everyone practices the same traditions, we welcome you to have a private moment of silence.
Please stand as you are able for the Pledge of Allegiance

Recognition of Girl Scout Troop 1631

ANNOUNCEMENTS AND PETITIONS BY THE GOVERNING BODY

Members of the governing body may use this time to share updates on a variety of different topics or submit petitions for future consideration with the entire board and the community.

APGB1 **Resident Advisory Board Appointment Clarification**

Mayor Jacques K. Gilbert (sponsor)

ADOPTION OF THE MEETING AGENDA

The Mayor will call for additional Agenda items from Council or Staff and set the Regular Meeting Agenda prior to Council actions. Items to be pulled or added should be submitted to the Town Clerk in advance of the meeting.

CONSENT AGENDA

All Consent Agenda items are considered routine, to be enacted by one motion with the adoption of the Consent Agenda, and without discussion. If a Council Member requests discussion of an item, the item may be removed from the Consent Agenda and considered separately. The Mayor will present the Consent Agenda to be set prior to taking action on the following items:

CN1 **Agreement Multi-Year - Barbour Enterprises, Inc. - On-Call Master Services Agreement - Hazmat Fluid Clean-Up and Towing of Town Vehicles and Equipment - through June 30, 2029**

Brandon Roberson, Solid Waste Manager, Public Works Department

CN2 **Agreement Multi-Year - Microsoft Corporation - Enterprise Enrollment Renewal - Productivity Software Licensing - through October 31, 2029 (36 months)**

Erika Sacco, Director, Information Technology Department

CN3 **Agreement Ratification - ePACT Network Ltd. - Online Health and Emergency Software for Fun Day Camp Program - through August 31, 2027**

Jamila Godfrey, Assistant Director, Parks, Recreation, and Cultural Resources Department

CN4 **Agreement Ratification - Intrado Life and Safety, Inc. - ECaTS MIS and Test-to-911 Reporting Services - through June 30, 2027**

Trevor Materasso, Deputy Chief of Police, Apex Police Department (APD)

CN5 **Annexation No. 836 - 1409 Goodwin Road - 8.93 acres – Associated w/Rezoning Case No. 26CZ08**

Allen Coleman, Town Clerk

CN6 **Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project $18,696,000 - Master-Planned Regional Sewer Solution Providing 1.44 MGD of Average Day Capacity to the 3,700-acre Big Branch Basin**

Michael Deaton, P.E., Special Projects Manager, Water Resources Department

CN7 Council Meeting Minutes - Various

Allen Coleman, Town Clerk

CN8 Grant Application Authorization – Land and Water Conservation Fund (LWCF) – Apex Community Park Playground Renovation and ADA Access Improvements and Support Potential Town Matching Funds Up to $750,000 Contingent Upon Award

Shweta Nanekar, Parks Planning Manager, Parks, Recreation, and Cultural Resources Dept.

CN9 Ordinance Amendment - Chapter 12 Municipal Utilities and Services, Article III Water and Sewer Services, Division I, Subsection 21(c)

Jonathan K. Jacobs, P.E., Director, Water Resources Department

CN10 Ordinance Amendment - Chapter 15 Parks and Recreation, Section 15-6. – Amend Opening Time to 5:30 a.m. for Designated Parks

Craig Setzer, Director, Parks, Recreation, and Cultural Resources Department

CN11 Rezoning Case No. 26CZ06 – Apex Light Industrial Phase III – Statement and Ordinance

Joshua Killian, Planner III, Planning Department

CN12 Tax Report – August 2026

Allen Coleman, Town Clerk

TOWN COUNCIL COMMITTEE REPORTS

TR1 Public Safety Council Committee Report – Thursday, October 01, 2026

Mayor Jacques K. Gilbert, Committee Chair

TR2 Public Safety Committee Recommendation of Approval - Agreement Multi-Year - Axon Inc. for Aire Drone Sense Program and Interview Room Camera System - through June 30, 2030 – Item Deferred on August 11, 2026

Mayor Jacques K. Gilbert, Committee Chair

TOWN MANAGER'S REPORT

TOWN CLERK'S REPORT

PUBLIC ART MOMENT QUARTERLY – *None Scheduled*

The quarterly public art moment spotlights local creativity, reflects community voices, and supports informed decisions that strengthen a vibrant and growing cultural landscape. The purpose of this item is to bring awareness and appreciation of local artist.

PROCLAMATIONS / SPECIAL PRESENTATIONS

PR1 Proclamation – Breast Cancer Awareness Month – October 2026

Mayor Jacques K. Gilbert

PR2 Proclamation – Domestic Violence Awareness Month – October 2026

Mayor Jacques K. Gilbert

PR3 Proclamation – Down Syndrome Awareness Month – October 2026

Mayor Jacques K. Gilbert

PUBLIC FORUM

Public Forum allows the public an opportunity to address the Mayor and Town Council. The speaker is requested not to address items that appear as Public Hearings. The Mayor will recognize those who would like to speak at the appropriate time.
Large groups are asked to select a representative to speak for the entire group.
Comments must be limited to 3 minutes to allow others the opportunity to speak.
Members of the public are encouraged to view the Public Forum and Public Hearing Participation Guidelines.

PUBLIC HEARINGS

PH1 Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres

Dianne Khin, Director, Planning Department

PH2 Annexation No. 837 – Ivy Glen Subdivision – 0 and 7104 Camp Branch Lane – 22.19 acres

Dianne Khin, Director, Planning Department

PH3 Economic Development Incentive – PROJECT BUFFER – Item requested to be continued until November 10, 2026

Joanna Helms, Director, Economic Development Department

PH4 Order for Right-of-Way (ROW) Closure related to Chapel Ridge North Development

Allen Coleman, Town Clerk

PH5 Rezoning Case No. 25CZ24 N. Salem Street Mixed-Use PUD

June Cowles, Senior Planner, Planning Department

PH6 Unified Development Ordinance Amendments - September 2026

Amanda Bunce, Assistant Director, Planning Department

RA1 Ordinance Amendment – Chapter 2 – Administration, Article IV. Apex Environmental Advisory Board, Article V. Culture and Arts Advisory Board, and Article VI. Multimodal Transportation Advisory Board, and Chapter 15 – Parks and Recreation Advisory Board – Resident Advisory Board Appointment Process

Allen Coleman, Town Clerk

RA2 Appointments – Culture and Arts Advisory Board (CAAB)

Allen Coleman, Town Clerk

RA3 Appointments – Multimodal Transportation Advisory Board (MTAB)

Allen Coleman, Town Clerk

RA4 Appointments – Parks and Recreation Advisory Board (PRAB)

Allen Coleman, Town Clerk

RA5 Appointments – Planning Board

Allen Coleman, Town Clerk

INFORMATIONAL ITEMS

Information items focus on educating and bringing awareness to matters or topics that do not require immediate decision or action. Information items are for informational purposes only and may not be discussed as part of the business meeting.

CLOSED SESSION – *None Anticipated*

ADJOURNMENT

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: ANNOUCEMENTS AND PETITIONS BY GOVERNING BODY

Meeting Date: October 13, 2026

Item Details

Presenter(s): Jacques K. Gilbert, Mayor

Department(s): Governing Body

Requested Motion

Receive as information an overview of the current Resident Advisory Board Appointment Process.

Approval Recommended?

N/A

Item Details

No additional details are provided.

Attachments

- N/A

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Brandon Roberson, Solid Waste Manager

Department(s): Public Works

Requested Motion

Motion to approve a Master Services Agreement (MSA) between the Town of Apex and Barbour Enterprises, Inc. (Towing & Truck Repair) for on-call hazmat fluid cleanup and towing of Town vehicles and equipment, effective through June 30, 2029, and to authorize the Town Manager, or their designee, to execute the MSA on behalf of the Town.

Approval Recommended?

Yes

Item Details

The Solid Waste and Fleet Services Divisions are seeking approval for a multi-year MSA with Barbour Enterprises, Inc. for the on-call cleanup of hazmat fluids as well as towing of Town vehicles and heavy equipment which may become inoperable due to mechanical failure. The agreement establishes the contractual terms and conditions under which the contractor may perform services on an as-needed basis through June 30, 2029. Approval of this agreement provides the Town with a qualified contractor to support Town operations if a hazmat fluid leak were to occur or a town-owned vehicle or heavy equipment were to become inoperable. The agreement is non-exclusive and does not obligate the Town to purchase a minimum amount of services. Services provided under this agreement will be expensed using approved operating budget funding.

Attachments

- CN1-A1: Master Services Agreement - Agreement Multi-Year - Barbour Enterprises, Inc. - On-Call Master Services Agreement - Hazmat Fluid Clean-Up and Towing of Town Vehicles and Equipment - through June 30, 2029
- CN1-A2: Hazmat and Towing Rate Sheet - Agreement Multi-Year - Barbour Enterprises, Inc. - On-Call Master Services Agreement - Hazmat Fluid Clean-Up and Towing of Town Vehicles and Equipment - through June 30, 2029

APEX 1873 NORTH CAROLINA

STATE OF NORTH CAROLINA **COUNTY OF WAKE**	**MASTER SERVICES AGREEMENT**

THIS MASTER SERVICES AGREEMENT (hereinafter "Agreement") is entered into this , by and between, Barbour Enterprises, Inc. , a North Carolina corporation with its principal business offices located at 300 S. Rogers Lane, Raleigh, NC 27610 (the "Contractor"), and the Town of Apex, a municipal corporation of the State of North Carolina, (the "Town"). Town and Contractor may collectively be referred to as "Parties" hereinafter.

WITNESSETH:

WHEREAS, Town, is engaged in the operation of heavy equipment, machinery and Town-owned vehicles which from time to time leak fluids and/or become inoperable ; and

WHEREAS, the professional services of outside firms or consultants and/or others will from time to time in the future be needed by the Town for the services as described above; and

WHEREAS, Contractor provides professional services of the nature required by the Town and employs trained and experienced technical personnel possessing adequate knowledge, skills, and experience to provide such professional services to the Town; and

WHEREAS, the Parties contemplate that the services of the Contractor will be performed in various stages in accordance with separate authorizations to be issued by the Town, and the Parties desire to set forth the basic terms of their agreement in this Master Services Agreement rather than in the separate authorizations issued by the Town; and

WHEREAS, the Parties acknowledge and agree that this Agreement shall act as a base agreement under which the Parties can enter into multiple specific transactions by executing a Purchase Order and written confirmation to proceed pursuant to a Scope of Services, quote, and/or rate sheet; and

WHEREAS, the Parties agree that this Agreement is non-exclusive and does not require or commit the Contractor to being available to perform services until a Scope of Services and quote is submitted, and does not preclude the Town from hiring other vendors or contractors to perform the same or similar work.

NOW THEREFORE, in consideration of the foregoing recitals, and the premises and mutual covenants herein contained, the receipt and adequacy of which is hereby acknowledged, the Parties, intending to be legally bound, hereto do contract and agree as follows:

1. SCOPE OF SERVICES.

The Contractor agrees to perform for the Town the following general services when requested by the Town: hazardous fluid cleanup (hydraulic oil, motor oil, antifreeze, etc.) and towing of Town-owned vehicles, heavy equipment, and machinery.

When service is requested by the Town, Contractor shall provide a detailed Scope of Services and quote that shall be governed by the terms of this Agreement. If a rate sheet is provided and attached to this Agreement then the quote shall be consistent with the rate sheet. The quote and Scope of Services shall reference this Agreement and this Agreement shall be incorporated into and made a part of the Scope of Services and quote whether or not expressly incorporated by reference in the Scope of Services and quote. No services shall be provided by the Contractor until a Scope of Services or quote is signed by the Town or the Town issues a Notice to Proceed to the Contractor.

In the event of a conflict between the terms of a Scope of Services, quote, or estimate and this Agreement, this Agreement shall control.

2. SPECIFICATIONS.

Upon request by the Town, Contractor will provide plans and specifications prior to engaging in any services under this Agreement. Contractor hereby acknowledges that it is fully licensed to perform the work contemplated by this Agreement. In the event of a conflict between the provided plans and specifications and this Agreement, this Agreement shall control.

3. TIME OF COMMENCEMENT AND COMPLETION.

This Agreement shall terminate on June 30th, 2029 unless terminated sooner in accordance with the terms of this Agreement. Contractor shall commence and complete the work required by this Agreement in accordance with the dates provided in the Scope of Services as agreed upon by the Parties. Contractor shall immediately notify the Town of any event or circumstance that may, immediately or in the future, impede the proper and timely execution of any work so that remedial action may be taken. Contractor shall not begin any work pursuant to this Agreement or a Scope of Services until written confirmation has been provided by the Town. The Parties hereby agree that written confirmation may be provided through electronic communication from the Town's representative identified in Section 13 of this Agreement. If Contractor has not satisfactorily commenced or completed the work within the times specified, the Town may declare such delay a material breach of contract and may pursue all available legal and equitable remedies. Any changes to the schedule(s) provided in the Scope of Services must be agreed to in writing by the Town and the Contractor.

4. **CONSIDERATION AND PAYMENT OF SERVICES.**

In consideration of the above services, the Town will pay the Contractor the amount authorized by the issued Purchase Order corresponding to the agreed upon Scope of Services and quote. After services are agreed upon pursuant to this Agreement and the associated Scopes of Service, Contractor will invoice the Town for work performed. Town has the right to require the Contractor to produce for inspection all of Contractor's records and charges to verify the accuracy of all invoices. Town shall pay Contractor's invoices within thirty (30) days of receipt unless a bona fide dispute exists between Town and Contractor concerning the accuracy of said invoice or the services covered thereby.

5. INDEMNIFICATION.

To the extent permitted by law, the Contractor agrees to defend, pay on behalf of, indemnify, and

hold-harmless the Town of Apex, its elected and appointed officials, employees, agents, and volunteers against any and all claims, demands, suits or losses, including all costs connected therewith, for any damages which may be asserted, claimed or recovered against or from the Town of Apex its elected or appointed officials, employees, agents, and volunteers by reason of personal injury, including bodily injury or death and/or property damage, including loss of use thereof resulting from the negligence of the Contractor.

6. APPLICABILITY OF LAWS AND REGULATIONS.

The Contractor shall adhere to all laws, ordinances, and regulations of the United States, the State of North Carolina, the County of Wake, and the Town of Apex in the performance of the services outlined in this contract and any attached specifications.

This Agreement shall be governed by the laws of the State of North Carolina. Any and all suits or actions to enforce, interpret or seek damages with respect to any provision of, or the performance or nonperformance of, this Agreement shall be brought in the General Court of Justice of North Carolina sitting in Wake County, North Carolina, or the United States District Court sitting in Wake County, North Carolina, and it is agreed by the Parties that no other court shall have jurisdiction or venue with respect to such suits or actions.

7. E-VERIFY COMPLIANCE.

The Contractor shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify). Contractor shall require all of the Contractor's subcontractors to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify).

8. QUALITY AND WORKMANSHIP.

All work shall be performed to the satisfaction of the Town. The work shall not be considered complete nor applicable payments rendered until the Town is satisfied with the services provided. Contractor shall provide services in accordance with all federal, state and local law and in accordance with all governing agency regulations and shall be held to the same standard and shall exercise the same degree of care, skill and judgment in the performance of services for the Town as is ordinarily provided by a similar professional under the same or similar circumstances at the time in North Carolina.

9. INSURANCE.

The Contractor shall maintain valid general liability insurance in the minimum amount of $1,000,000.00, commercial automobile liability insurance in the minimum amount of $2,000,000.00, and provide certificates of such insurance naming the Town of Apex as an *additional insured* by endorsement to the policies. If the policy has a blanket additional insured provision, the contractor's insurance shall be primary and non-contributory to other insurance. Additionally, the contractor shall maintain and show proof of workers' compensation insurance within the statutory limits, and employer's liability insurance in the minimum amount of $1,000,000.00. The Contractor shall provide notice of cancellation, non-renewal or material change in coverage to the Town of Apex within 10 days of their receipt of notice from the insurance company.

All required certificates of insurance, endorsements, and blanket additional insured policy provisions are attached and considered part of this document. Notwithstanding the foregoing, neither the requirement of Contractor to have sufficient insurance nor the requirement that Town is named as an additional insured, shall constitute waiver of the Town's governmental immunity in any respect, under North Carolina law.

10. PRE-PROJECT SAFETY REVIEW MEETING.

If requested by the Town, the Contractor shall attend a pre-project safety review meeting with the contacting Department Head and Supervisors and Safety and Risk Manager prior to the start of work.

11. DEFAULT.

In the event of substantial failure by Contractor to perform in accordance with the terms of this Agreement, Town shall have the right to terminate Contractor upon seven (7) days written notice in which event Contractor shall have neither the obligation nor the right to perform further services under this Agreement.

12. TERMINATION FOR CONVENIENCE.

Town shall have the right to terminate this Agreement for the Town's convenience upon thirty (30) days written notice to Contractor. Contractor shall terminate performance of services on a schedule acceptable to the Town. In the event of termination for convenience, the Town shall pay Contractor for all services satisfactorily performed.

13. NOTICE.

Any formal notice, demand, or request required by or made in connection with this Agreement shall be deemed properly made if delivered in writing or deposited in the United States mail, postage prepaid, to the address specified below.

TO CONTRACTOR:	TO TOWN: Town of Apex
Attn: Hannah McCullough Contractor: Barbour Enterprises, Inc. Address: 300 S. Rogers Lane Raleigh NC, 27610 Email: officemanager@barbourstowing.com	Attn: Brandon Roberson Public Works PO Box 250 Apex NC 27502 brandon.roberson@apexnc.org Invoices: Apex.Invoices@apexnc.org

14. DELAY BEYOND THE CONTROL OF THE PARTIES.

Neither Contractor nor Town, having taken commercially reasonable precautions, shall be in default of the provisions of this Agreement for delays in performance due to forces beyond the control of the parties. “Forces beyond the control of the parties” shall mean, but is not limited to, delay caused by natural disaster, fire, flood, earthquakes, storms, lightning, epidemic, pandemic, war, riot, civil disobedience, or other event reasonably outside of the parties’ control.

15. NONWAIVER FOR BREACH.

No breach or non-performance of any term of this Agreement shall be deemed to be waived by either party unless said breach or non-performance is waived in writing and signed by the parties. No waiver of any breach or non-performance under this Agreement shall be deemed to constitute a waiver of any subsequent breach or non-performance and for any such breach or non-performance each party shall be relegated to such remedies as provided by law.

16. CONSTRUCTION.

Should any portion of this Agreement require judicial interpretation, it is agreed that the Court or Tribunal construing the same shall not apply a presumption that the terms hereof shall be more strictly construed against any one party by reason of the rule of construction that a document is to be more strictly construed against the party who prepared the documents.

17. NO REPRESENTATIONS.

The parties hereby warrant that no representations about the nature or extent of any claims, demands, damages, or rights that they have, or may have, against one another have been made to them, or to anyone acting on their behalf, to induce them to execute this Agreement, and they rely on no such representations; that they have fully read and understood this Agreement before signing their names; and that they act voluntarily and with full advice of counsel.

18. SEVERABILITY.

In the event for any reason that any provision or portion of this Agreement shall be found to be void or invalid, then such provision or portion shall be deemed to be severable from the remaining provisions or portions of this Agreement, and it shall not affect the validity of the remaining portions, which portions shall be given full effect as if the void or invalid provision or portion had not been included herein.

19. COUNTERPARTS.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, and all of which together shall constitute one instrument.

20. MODIFICATION.

This Agreement contains the full understanding of the parties. Any modifications or addendums to this Agreement must be in writing and executed with the same formality as this Agreement.

21. BINDING EFFECT.

The terms of this Agreement shall be binding upon the parties' heirs, successors, and assigns.

22. ASSIGNMENT.

Contractor shall not assign, sublet, or transfer any rights under or interest in (including, but without limitation, monies that may become due or monies that are due) this Agreement without the written consent of the Town. Nothing contained in this paragraph shall prevent Contractor from employing such independent consultants, associates, and sub-contractors as it may deem appropriate to assist Contractor in the performance of services rendered.

23. INDEPENDENT CONTRACTOR.

Contractor is an independent contractor and shall undertake performance of the services pursuant to the terms of this Agreement as an independent contractor. Contractor shall be wholly responsible for the methods, means and techniques of performance.

24. NON-APPROPRIATION.

Notwithstanding any other provisions of this Agreement, the parties agree that payments due hereunder from the Town are from appropriations and monies from the Town Council and any other governmental entities. In the event sufficient appropriations or monies are not made available to the Town to pay the terms of this Agreement for any fiscal year, this Agreement shall terminate immediately without further obligation of the Town.

25. IRAN DIVESTMENT ACT CERTIFICATION.

N.C.G.S. 147-86.60 prohibits the State of North Carolina, a North Carolina local government, or any other political subdivision of the State of North Carolina from contracting with any entity that is listed on the Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 147-86.58. N.C.G.S. 147-86.59 further requires that contractors with the State, a North Carolina local government, or any other political subdivision of the State of North Carolina must not utilize any subcontractor found on the State Treasurer's Final Divestment List. As of the date of execution of this Agreement the Contractor hereby certifies that the Contractor is not listed on the Final Divestment List created by the North Carolina State Treasurer and that the Contractor will not utilize any subcontractors found on the Final Divestment List.

26. ANTI-HUMAN TRAFFICKING.

The Contractor warrants and agrees that no labor supplied by the Contractor or the Contractor's subcontractors in the performance of this Agreement shall be obtained by means of deception, coercion, intimidation or force, or otherwise in violation of North Carolina law, specifically Article 10A, Subchapter 3 of Chapter 14 of the North Carolina General Statutes, Human Trafficking.

27. NONDISCRIMINATION.

Pursuant to Section 3-2 of the Town of Apex Code of Ordinances, Contractor hereby warrants and agrees that Contractor will not discriminate against a protected class in employment, subcontracting practices, or the solicitation or hiring of vendors, suppliers, or commercial customers in connection with this Agreement. For the purposes of this Agreement "protected class" includes age, race, religious belief or non-belief, ethnicity, color, national origin, creed,

sex, sexual orientation, gender identity, marital status, natural hair style, genetic information, pregnancy, familial status, disability, veteran or military status, or disabled veteran status.

28. ELECTRONIC SIGNATURE.

Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this Agreement and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The Parties hereby consent to use electronic or digitized signatures in accordance with the Town's Electronic Signature Policy and intend to be bound by the Agreement and any related documents. If electronic signatures are used the Agreement shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

In witness thereof, the contracting parties, by their authorized agents, affix their signatures and seals this .

Barbour Enterprises, Inc. X [empty member name] Email: officemanager@barbourstowing.com Timestamp: [empty signing timestamp]	**Town of Apex** X Randal E. Vosburg, Town Manager Email: [empty member email] Timestamp: [empty signing timestamp]
	This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act. X [empty member name] , Finance Director Email: jon.griffin@apexnc.org Timestamp: [empty signing timestamp]

JOB CATEGORY PER HOUR	M-F 8AM-5PM	5PM-8AM M-F	SAT AND SUN	HOLIDAY
ON SCENE SAFETY SUPERVISOR	$125.00	$150.00	$175.00	$250.00
EXTRA MAN	$75.00	$125.00	$175	$200.00
COMMUNICATION MANAGER	$125.00	$150.00	$175.00	$200.00
WORK CREW FOREMAN	$75.00	$100.00	$125.00	$150.00
TECHNICIAN	$125.00	$150.00	$175.00	$200.00
CRANE OPERATOR	$100.00	$135.00	$175.00	$200.00
FORKLIFT OPERATOR	$100.00	$135.00	$175.00	$200.00
OFFICE CLERICAL	$25.00	$35	$45.00	$50.00
LIGHT DUTY DRIVER	$125.00	$150.00	$175.00	$200.00
HEAVY DUTY DRIVER	$150.00	$175.00	$225.00	$300.00
BOAT CAPTAIN	$50.00	$65.00	$75.00	$100.00

EQUIPMENT				
ATV	$150.00	$160.00	$175.00	$200.00
DUMP TRUCK	$150.00	$175.00	$200.00	$250.00
ROLL OFF LINER	$150.00	A PIECE		
ROLL OFF BOX	$125.00	PER DAY		
DUMP TRAILER	$85.00	$95.00	$105.00	$110.00
EMERGENCY RESPONSE UNIT	$600.00	$800.00	$1,000.00	$1,250.00
PALLET JACK	$135.00	$145.00	$160.00	$170.00
FORKLIFT	$150.00	$160.00	$175.00	$200.00
BOAT	$175.00	$185.00	$200.00	$250.00
BOBCAT & OPERATOR	$150.00	$160.00	$175.00	$200.00
BACKHOE & OPERATOR	$160.00	$175.00	$185.00	$250.00
SERVICE TRUCK	$185.00	$200.00	$235.00	$270.00
FLATBED	$100.00	$125.00	$150.00	$200.00
ROLLBACK	$150.00	$160.00	$175.00	$200.00
LARGE WRECKER	$200.00	$250.00	$300.00	$400.00
CRANE 10 TON	$200.00	$250.00	$300.00	$400.00
LIGHT TOWER	$135.00	$145.00	$160.00	$170.00
TRACTOR	$185.00	$200.00	$235.00	$270.00
TRAILER	$175.00	$185.00	$225.00	$250.00
SWEEPER	$135.00	$145.00	$160.00	$170.00
GENERATOR	$195.00	$200.00	$260.00	$290.00
AIR COMPRESSOR	$135.00	$145.00	$160.00	$170.00
PNEUMATIC PUMP	$350.00	Per tank		
TRAFFIC CONTROL	TBD PER COMPANY EQUIP. IS RENTED FROM			

SUPPLIES		
CONTAINMENT POOL	$95.00	PER POOL
CONTAINMENT BARRELS	$95.00	PER BARREL
OIL PADS // Pigme Pads	$15.00	PER PAD
BOOM	$12.50	PER BOOM
SOCKS	$17.50	PER SOCK
EROSION CONTROL BLANKET	$85.00	PER BLANKET
NET STRAW	$100.00	PER NET
GRASS SEED	$135.00	PER BAG

BACK FILL DIRT	$20.00	PER TON
GATORSORB	$65.00	PER BAG
INSTASORB	$75.00	PER BAG
OIL DRY	$35.00	PER BAG
RUBBER GLOVES	$14.50	PER PAIR
NEOPRENE GLOVES	$19.95	PER PAIR
SAFETY GLASSES	$16.50	A PIECE
TYVEX SUITS	$35.95	A PIECE
RUBBER BOOTS	$49.95	PER PAIR
STEEL TOE BOOTS	$99.95	PER PAIR
3M FACE MASK	$69.99	A PIECE
TURN OUT GEAR	$175.00	PER HOUR
SCBA	$99.99	PER TANK

WASTE DISPOSAL FEE	$500.00	
BARRELS	$550.00	PER BARREL
BULK SOIL PER TON	$675.00	PER TON

THERE WILL BE A 7% FUEL SURCHAGE ADDED TO THE TOTAL AMOUNT OF THE BILL

Towing Rates

Heavy Duty Tow	$225.00
Medium Duty Tow	$125.00
Light Duty Tow	$55.00

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13,2026

Item Details

Presenter(s): Erika Sacco, IT Director

Department(s): Information Technology

Requested Motion

Motion to renew a Multi-year Agreement between Microsoft Corporation and Town of Apex, for continued government volume licensing of Microsoft productivity Town-wide, effective through October 31, 2029, and authorize the Town Manager, or their designee, to execute on behalf of the Town.

Approval Recommended?

Yes

Item Details

Information Technology staff is requesting approval of a three-year Microsoft Enterprise Agreement for continued government volume licensing of Microsoft productivity software used Town-wide.

The Enterprise Agreement provides the Town with volume licensing for Microsoft software and is renewed on a three-year cycle

Attachments

- CN2-A1: Agreement Multi-year - Microsoft Corporation - Enterprise Enrollment Renewal - Productivity Software Licensing - through October 31, 2029 (36 months)

Microsoft Volume Licensing

Program Signature Form

MBA/MBSA number	
Agreement number	7274047

AMD000517826

Note: Enter the applicable active numbers associated with the documents below. Microsoft requires the associated active number be indicated here, or listed below as new.

For the purposes of this form, "Customer" can mean the signing entity, Enrolled Affiliate, Government Partner, Institution, or other party entering into a volume licensing program agreement.

This signature form and all contract documents identified in the table below are entered into between the Customer and the Microsoft Affiliate signing, as of the effective date identified below.

Contract Document	Number or Code
Product Selection Form	3234558.004_PSF
Enterprise Amendment	M97 - (50028488)
Enterprise Enrollment (Indirect)	X20-10637

By signing below, Customer and the Microsoft Affiliate agree that both parties (1) have received, read and understand the above contract documents, including any websites or documents incorporated by reference and any amendments and (2) agree to be bound by the terms of all such documents.

Customer	
Name of Entity (must be legal entity name)* Town of Apex, NC	
Signature*	_____
Printed First and Last Name*	
Printed Title	
Signature Date*	
Tax ID	

** indicates required field*

Microsoft Affiliate	
Microsoft Corporation	
Signature	_____
Printed First and Last Name	
Printed Title	
Signature Date (date Microsoft Affiliate countersigns)	
Agreement Effective Date (may be different than Microsoft's signature date)	

Optional 2nd Customer signature or Outsourcer signature (if applicable)

Customer
Name of Entity (must be legal entity name)*
Signature* _____
Printed First and Last Name*
Printed Title
Signature Date*

** indicates required field*

Outsourcer
Name of Entity (must be legal entity name)*
Signature* _____
Printed First and Last Name*
Printed Title
Signature Date*

** indicates required field*

If Customer requires additional contacts or is reporting multiple previous Enrollments, include the appropriate form(s) with this signature form.

After this signature form is signed by the Customer, send it and the Contract Documents to Customer's channel partner or Microsoft account manager, who must submit them to the following address. When the signature form is fully executed by Microsoft, Customer will receive a confirmation copy.

Microsoft Corporation
Dept. 551, Volume Licensing
6880 Sierra Center Parkway
Reno, Nevada 89511
USA

Enterprise Enrollment

State and Local

Enterprise Enrollment number *(Microsoft to complete)*	50028488
Previous Enrollment number *(Reseller to complete)*	65281062

Framework ID *(if applicable)*	

This Enrollment must be attached to a signature form to be valid.

This Microsoft Enterprise Enrollment is entered into between the entities as identified in the signature form as of the effective date. Enrolled Affiliate represents and warrants it is the same Customer, or an Affiliate of the Customer, that entered into the Enterprise Agreement identified on the program signature form.

This Enrollment consists of: (1) these terms and conditions, (2) the terms of the Enterprise Agreement identified on the signature form, (3) the Product Selection Form, (4) the Product Terms, (5) the Microsoft Products and Services Data Protection Addendum, (6) any Supplemental Contact Information Form, Previous Agreement/Enrollment form, and other forms that may be required, and (7) any order submitted under this Enrollment. This Enrollment may only be entered into under a 2011 or later Enterprise Agreement. By entering into this Enrollment, Enrolled Affiliate agrees to be bound by the terms and conditions of the Enterprise Agreement.

All terms used but not defined are located at http://www.microsoft.com/licensing/contracts. In the event of any conflict the terms of this Agreement control.

Effective date. If Enrolled Affiliate is renewing Software Assurance or Subscription Licenses from one or more previous Enrollments or agreements, then the effective date will be the day after the first prior Enrollment or agreement expires or terminates. If this Enrollment is renewed, the effective date of the renewal term will be the day after the Expiration Date of the initial term. Otherwise, the effective date will be the date this Enrollment is accepted by Microsoft. Any reference to "anniversary date" refers to the anniversary of the effective date of the applicable initial or renewal term for each year this Enrollment is in effect.

Term. The initial term of this Enrollment will expire on the last day of the month, 36 full calendar months from the effective date of the initial term. The renewal term will expire 36 full calendar months after the effective date of the renewal term.

Terms and Conditions

1. Definitions.

Terms used but not defined in this Enrollment will have the definition in the Enterprise Agreement. The following definitions are used in this Enrollment:

"Additional Product" means any Product identified as such in the Product Terms and chosen by Enrolled Affiliate under this Enrollment.

"Community" means the community consisting of one or more of the following: (1) a Government, (2) an Enrolled Affiliate using eligible Government Community Cloud Services to provide solutions to a Government or a qualified member of the Community, or (3) a Customer with Customer Data that is subject to Government regulations for which Customer determines and Microsoft agrees that the use of Government Community Cloud Services is appropriate to meet Customer's regulatory requirements.

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Membership in the Community is ultimately at Microsoft's discretion, which may vary by Government Community Cloud Service.

"Enterprise Online Service" means any Online Service designated as an Enterprise Online Service in the Product Terms and chosen by Enrolled Affiliate under this Enrollment. Enterprise Online Services are treated as Online Services, except as noted.

"Enterprise Product" means any Desktop Platform Product that Microsoft designates as an Enterprise Product in the Product Terms and chosen by Enrolled Affiliate under this Enrollment. Enterprise Products must be licensed for all Qualified Devices and Qualified Users on an Enterprise-wide basis under this program.

"Expiration Date" means the date upon which the Enrollment expires.

"Federal Agency" means a bureau, office, agency, department or other entity of the United States Government.

"Government" means a Federal Agency, State/Local Entity, or Tribal Entity acting in its governmental capacity.

"Government Community Cloud Services" means Microsoft Online Services that are provisioned in Microsoft's multi-tenant data centers for exclusive use by or for the Community and offered in accordance with the National Institute of Standards and Technology (NIST) Special Publication 800-145. Microsoft Online Services that are Government Community Cloud Services are designated as such in the Use Rights and Product Terms.

"Industry Device" (also known as line of business device) means any device that: (1) is not useable in its deployed configuration as a general purpose personal computing device (such as a personal computer), a multi-function server, or a commercially viable substitute for one of these systems; and (2) only employs an industry or task-specific software program (e.g. a computer-aided design program used by an architect or a point of sale program) ("Industry Program"). The device may include features and functions derived from Microsoft software or third-party software. If the device performs desktop functions (such as email, word processing, spreadsheets, database, network or Internet browsing, or scheduling, or personal finance), then the desktop functions: (1) may only be used for the purpose of supporting the Industry Program functionality; and (2) must be technically integrated with the Industry Program or employ technically enforced policies or architecture to operate only when used with the Industry Program functionality.

"Managed Device" means any device on which any Affiliate in the Enterprise directly or indirectly controls one or more operating system environments. Examples of Managed Devices can be found in the Product Terms.

"Qualified Device" means any device that is used by or for the benefit of Enrolled Affiliate's Enterprise and is: (1) a personal desktop computer, portable computer, workstation, or similar device capable of running Windows Pro locally (in a physical or virtual operating system environment), or (2) a device used to access a virtual desktop infrastructure ("VDI"). Qualified Devices do not include any device that is: (1) designated as a server and not used as a personal computer, (2) an Industry Device, or (3) not a Managed Device. At its option, the Enrolled Affiliate may designate any device excluded above (e.g., Industry Device) that is used by or for the benefit of the Enrolled Affiliate's Enterprise as a Qualified Device for all or a subset of Enterprise Products or Online Services the Enrolled Affiliate has selected.

"Qualified User" means a person (e.g., employee, consultant, contingent staff) who: (1) is a user of a Qualified Device, or (2) accesses any server software requiring an Enterprise Product Client Access License or any Enterprise Online Service. It does not include a person who accesses server software or an Online Service solely under a License identified in the Qualified User exemptions in the Product Terms.

"Reseller" means an entity authorized by Microsoft to resell Licenses under this program and engaged by an Enrolled Affiliate to provide pre- and post-transaction assistance related to this agreement;

"Reserved License" means for an Online Service identified as eligible for true-ups in the Product Terms, the License reserved by Enrolled Affiliate prior to use and for which Microsoft will make the Online Service available for activation.

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"State/Local Entity" means (1) any agency of a state or local government in the United States, or (2) any United States county, borough, commonwealth, city, municipality, town, township, special purpose district, or other similar type of governmental instrumentality established by the laws of Customer's state and located within Customer's state's jurisdiction and geographic boundaries.

"Tribal Entity" means a federally recognized tribal entity performing tribal governmental functions and eligible for funding and services from the U.S. Department of Interior by virtue of its status as an Indian tribe.

"Use Rights" means, with respect to any licensing program, the use rights or terms of service for each Product and version published for that licensing program at the Volume Licensing Site and updated from time to time. The Use Rights include the Product-Specific License Terms, the License Model terms, the Universal License Terms, the Data Protection Terms, and the Other Legal Terms. The Use Rights supersede the terms of any end user license agreement (on-screen or otherwise) that accompanies a Product.

"Volume Licensing Site" means http://www.microsoft.com/licensing/contracts or a successor site.

2. Order requirements.

a. Minimum order requirements. Enrolled Affiliate's Enterprise must have a minimum of 250 Qualified Users or Qualified Devices. The initial order must include at least 250 Licenses for Enterprise Products or Enterprise Online Services.

(i) Enterprise commitment. Enrolled Affiliate must order enough Licenses to cover all Qualified Users or Qualified Devices, depending on the License Type, with one or more Enterprise Products or a mix of Enterprise Products and the corresponding Enterprise Online Services (as long as all Qualified Devices not covered by a License are only used by users covered with a user License).

(ii) Enterprise Online Services only. If no Enterprise Product is ordered, then Enrolled Affiliate need only maintain at least 250 Subscription Licenses for Enterprise Online Services**.**

b. Additional Products. Upon satisfying the minimum order requirements above, Enrolled Affiliate may order Additional Products.

c. Use Rights for Enterprise Products. For Enterprise Products, if a new Product version has more restrictive use rights than the version that is current at the start of the applicable initial or renewal term of the Enrollment, those more restrictive use rights will not apply to Enrolled Affiliate's use of that Product during that term.

d. Country of usage. Enrolled Affiliate must specify the countries where Licenses will be used on its initial order and on any additional orders.

e. Resellers. Enrolled Affiliate must choose and maintain a Reseller authorized in the United States. Enrolled Affiliate will acquire its Licenses through its chosen Reseller. Orders must be submitted to the Reseller who will transmit the order to Microsoft. The Reseller and Enrolled Affiliate determine pricing and payment terms as between them, and Microsoft will invoice the Reseller based on those terms. Throughout this Agreement the term "price" refers to reference price. Resellers and other third parties do not have authority to bind or impose any obligation or liability on Microsoft.

f. Adding Products.

(i) Adding new Products not previously ordered. New Enterprise Products or Enterprise Online Services may be added at any time by contacting a Microsoft Account Manager or Reseller. New Additional Products, other than Online Services, may be used if an order is placed in the month the Product is first used. For Additional Products that are Online Services, an initial order for the Online Service is required prior to use.

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(ii) Adding Licenses for previously ordered Products. Additional Licenses for previously ordered Products other than Online Services may be added at any time but must be included in the next true-up order. Additional Licenses for Online Services must be ordered prior to use, unless the Online Services are (1) identified as eligible for true-up in the Product Terms or (2) included as part of other Licenses.

g. True-up requirements. Enrolled Affiliate must submit an annual true-up order that accounts for any changes since the initial order or last order. If there are no changes, then an update statement must be submitted instead of a true-up order.

(i) Enterprise Products. For Enterprise Products, Enrolled Affiliate must determine the number of Qualified Devices and Qualified Users (if ordering user-based Licenses) at the time the true-up order is placed and must order additional Licenses for all Qualified Devices and Qualified Users that are not already covered by existing Licenses, including any Enterprise Online Services.

(ii) Additional Products. For Additional Products that have been previously ordered under this Enrollment, Enrolled Affiliate must determine the maximum number of Additional Products used since the latter of the initial order, the last true-up order, or the prior anniversary date and submit a true-up order that accounts for any increase.

(iii) Online Services. For Online Services identified as eligible for true-up in the Product Terms, Enrolled Affiliate may place a reservation order for the additional Licenses prior to use and payment may be deferred until the next true-up order. Microsoft will provide a report of Reserved Licenses ordered but not yet invoiced to Enrolled Affiliate and its Reseller. Reserved Licenses will be invoiced retrospectively to the month in which they were ordered.

(iv) Subscription License reductions. Enrolled Affiliate may reduce the quantity of Subscription Licenses at the Enrollment anniversary date on a prospective basis if permitted in the Product Terms, as follows:

1) For Subscription Licenses that are part of an Enterprise-wide purchase, Licenses may be reduced as long as (a) the initial order minimum requirements are maintained and (b) the total quantity of Licenses and Software Assurance for an applicable group meets or exceeds the quantity of Qualified Devices and Qualified Users (if ordering user-based Licenses) identified on the Product Selection Form, and includes any additional Qualified Devices and Qualified Users added in any prior true-up orders. Step-up Licenses do not count towards this total count.

2) For Enterprise Online Services in a given Product pool that are not a part of an Enterprise-wide purchase, Licenses can be reduced as long as (a) the initial order minimum requirements are maintained and (b) all then-active users of each Online Service are included the total quantity of Licenses remaining after the reduction. An Enrolled Affiliate may reduce Licenses for Online Services on or before the Enrollment anniversary date and place a reservation order for such licenses within 90 days after the anniversary date; however, any licenses ordered as described in this section will be invoiced to the Enrolled Affiliate for the time period the licenses were made available. Subscription Licenses ordered upfront may not be reduced.

3) For Additional Products available as Subscription Licenses, Enrolled Affiliate may reduce the Licenses. If the License count is reduced to zero, then Enrolled Affiliate's use of the applicable Subscription License will be cancelled.

Invoices will be adjusted to reflect any reductions in Subscription Licenses at the true-up order Enrollment anniversary date and effective as of such date.

(v) Update statement. An update statement must be submitted instead of a true-up order if, since the initial order or last true-up order, Enrolled Affiliate's Enterprise: (1) has not changed the number of Qualified Devices and Qualified Users licensed with Enterprise Products or Enterprise Online Services; and (2) has not increased its usage of Additional

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Products. This update statement must be signed by Enrolled Affiliate's authorized representative.

(vi) True-up order period. The true-up order or update statement must be received by Microsoft between 60 and 30 days prior to each Enrollment anniversary date. The last true-up order or update statement during an Enrollment term is due within 30 days prior to the Expiration Date, and any license reservations within this 30-day period will not be accepted. Enrolled Affiliate may submit true-up orders more often to account for increases in Product usage, but an annual true-up order or update statement must still be submitted during the annual order period.

(vii) Late true-up order. If the true-up order or update statement is not received when due, Microsoft may invoice Reseller for all Reserved Licenses not previously invoiced and Subscription License reductions cannot be reported until the following Enrollment anniversary date (or at Enrollment renewal, as applicable).

h. Step-up Licenses. For Licenses eligible for a step-up under this Enrollment, Enrolled Affiliate may step-up to a higher edition or suite as follows:

(i) For step-up Licenses included on an initial order, Enrolled Affiliate may order according to the true-up process.

(ii) If step-up Licenses are not included on an initial order, Enrolled Affiliate may step-up initially by following the process described in the Section titled "Adding new Products not previously ordered," then for additional step-up Licenses, by following the true-up order process.

i. Clerical errors. Microsoft may correct clerical errors in this Enrollment, and any documents submitted with or under this Enrollment, by providing notice by email and a reasonable opportunity for Enrolled Affiliate to object to the correction. Clerical errors include minor mistakes, unintentional additions and omissions. This provision does not apply to material terms, such as the identity, quantity or price of a Product ordered.

j. Verifying compliance. Microsoft may, in its discretion and at its expense, verify compliance with this Enrollment as set forth in the Enterprise Agreement.

3. Pricing.

a. Price Levels. For both the initial and any renewal term Enrolled Affiliate's Price Level for all Products ordered under this Enrollment will be Level "D" throughout the term of the Enrollment.

b. Setting Prices. Unless otherwise expressly agreed to by the parties and except for Online Services designated in the Product Terms as being exempt from fixed pricing, Enrolled Affiliate's prices for each Product or Service will be established by its Reseller. As long as Enrolled Affiliate continues to qualify for the same price level, Microsoft's prices for Resellers for each Product or Service ordered will be fixed throughout the applicable initial or renewal Enrollment term. Microsoft's prices to Resellers are reestablished at the beginning of the renewal term.

4. Payment terms.

For the initial or renewal order, Microsoft will invoice Enrolled Affiliate's Reseller in three equal annual installments. The first installment will be invoiced upon Microsoft's acceptance of this Enrollment and remaining installments will be invoiced on each subsequent Enrollment anniversary date. Subsequent orders are invoiced upon acceptance of the order and Enrolled Affiliate may elect to pay annually or upfront for Online Services and upfront for all other Licenses.

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5. *End of Enrollment term and termination.*

a. General. At the Expiration Date, Enrolled Affiliate must immediately order and pay for Licenses for Products it has used but has not previously submitted an order, except as otherwise provided in this Enrollment.

b. Renewal option. At the Expiration Date of the initial term, Enrolled Affiliate may request to renew Products and Services under this Enrollment for one additional 36-month term. Microsoft may make changes to this program that will make it necessary for Customer and its Enrolled Affiliates to enter into new agreements or Enrollments in order to renew. In order for a renewal request to be considered, Microsoft must receive a Renewal Form, Product Selection Form, and renewal request prior to or at the Expiration Date. Microsoft will review a renewal request made under this section in good faith and may accept or reject such request in its sole discretion.

c. If Enrolled Affiliate elects not to renew.

(i) Software Assurance. If Enrolled Affiliate elects not to renew Software Assurance for any Product under its Enrollment, then Enrolled Affiliate will not be permitted to order Software Assurance later without first acquiring a new License with Software Assurance.

(ii) Online Services eligible for an Extended Term. For Online Services identified as eligible for an Extended Term in the Product Terms, the following options are available at the end of the Enrollment initial or renewal term.

1) Extended Term. Licenses for Online Services will automatically expire in accordance with the terms of the Enrollment. An extended term option that allows Online Services to continue month-to-month ("Extended Term") is available. During the Extended Term, Online Services will be invoiced monthly at the then-current published price as of the Expiration Date plus a 3% administrative fee for up to one year. If Enrolled Affiliate wants an Extended Term, Enrolled Affiliate must submit a request to Microsoft at least 30 days prior to the Expiration Date.

2) Cancellation during Extended Term. At any time during the first twelve months of the Extended Term, Enrolled Affiliate may terminate the Extended Term by submitting a notice of cancellation to Microsoft for each Online Service. Thereafter, Microsoft may condition the continued use of each Online Service on the acceptance of new terms by the Enrolled Affiliate. Enrolled Affiliate will be notified in writing of any new terms at least 60 days before any such changes take effect. Enrolled Affiliate acknowledges and agrees that after the notice described in this section, its continued use of each Online Service after the effective date provided in the notice will constitute its acceptance of the new terms. If Enrolled Affiliate does not agree to the new terms, it must stop using the Online Services and terminate the Extended Term as provided in this section. Enrolled Affiliate's termination under this section will be effective at the end of the month following 30 days after Microsoft has received the notice.

(iii) Subscription Licenses and Online Services not eligible for an Extended Term. If Enrolled Affiliate elects not to renew, the Licenses will be cancelled and will terminate as of the Expiration Date. Any associated media must be uninstalled and destroyed and Enrolled Affiliate's Enterprise must discontinue use. Microsoft may request written certification to verify compliance.

d. Termination for cause. Any termination for cause of this Enrollment will be subject to the "Termination for cause" section of the Agreement. In addition, it shall be a breach of this Enrollment if Enrolled Affiliate or any Affiliate in the Enterprise that uses Government Community Cloud Services fails to meet and maintain the conditions of membership in the definition of Community.

e. Early termination. Any early termination of this Enrollment will be subject to the "Early Termination" Section of the Enterprise Agreement.

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For Subscription Licenses, in the event of a breach by Microsoft, or if Microsoft terminates an Online Service for regulatory reasons, Microsoft will issue Reseller a credit for any amount paid in advance for the period after termination.

6. Government Community Cloud.

a. Community requirements. If Enrolled Affiliate purchases Government Community Cloud Services, Enrolled Affiliate certifies that it is a member of the Community and agrees to use Government Community Cloud Services solely in its capacity as a member of the Community and, for eligible Government Community Cloud Services, for the benefit of end users that are members of the Community. Use of Government Community Cloud Services by an entity that is not a member of the Community or to provide services to non-Community members is strictly prohibited and could result in termination of Enrolled Affiliate's license(s) for Government Community Cloud Services without notice. Enrolled Affiliate acknowledges that only Community members may use Government Community Cloud Services.

b. All terms and conditions applicable to non-Government Community Cloud Services also apply to their corresponding Government Community Cloud Services, except as otherwise noted in the Use Rights, Product Terms, and this Enrollment.

c. Enrolled Affiliate may not deploy or use Government Community Cloud Services and corresponding non-Government Community Cloud Services in the same domain.

d. Use Rights for Government Community Cloud Services. For Government Community Cloud Services, notwithstanding anything to the contrary in the Use Rights:

(i) Government Community Cloud Services will be offered only within the United States.

(ii) Additional European Terms, as set forth in the Use Rights, will not apply.

(iii) References to geographic areas in the Use Rights with respect to the location of Customer Data at rest, as set forth in the Use Rights, refer only to the United States.

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Enrollment Details

1. Enrolled Affiliate's Enterprise.

Make an election for including Affiliates in the Enterprise (Required).

Check **only one box** in this section. If no boxes are checked, Microsoft will deem the Enterprise to include the Enrolled Affiliate only. If more than one box is checked, Microsoft will deem the Enterprise to include the largest number of Affiliates:

☒ **Enrolled Affiliate only.**

☐ **All Affiliates.** All Affiliates of Enrolled Affiliate are hereby included in the Enterprise. Enrolled Affiliate represents that its Affiliates are entire offices, bureaus, agencies, departments, or other entities, not partial offices, bureaus, agencies, or departments, or other partial entities. Enrolled Affiliate may order Products for use by its Affiliates. If it does, the licenses granted to Enrolled Affiliate under this Enrollment will apply to such Affiliates, but Enrolled Affiliate will have the sole right to enforce the Agreement and this Enrollment against Microsoft. Enrolled Affiliate will remain responsible for all obligations under this Enrollment and for its Affiliates' compliance with this Enrollment.

☐ **Enrolled Affiliate including.** Only the Enrolled Affiliate and the Affiliates listed below will be included in the Enterprise. Enrolled Affiliate represents that its Affiliates are entire offices, bureaus, agencies, departments, or other entities, not partial offices, bureaus, agencies, or departments, or other partial entities. Enrolled Affiliate may order Products for use by its Affiliates. If it does, the licenses granted to Enrolled Affiliate under this Enrollment will apply to such Affiliates, but Enrolled Affiliate will have the sole right to enforce the Agreement and this Enrollment against Microsoft. Enrolled Affiliate will remain responsible for all obligations under this Enrollment and for its Affiliates' compliance with this Enrollment.

The following Affiliates are included in the Enterprise:

Notwithstanding anything to the contrary in the Agreement, the parties acknowledge and agree to the following:

Products ordered under this Enrollment may be subject to U.S. and other countries' export jurisdictions. Each party will comply with all laws and regulations applicable to the import or export of the Products, including, without limitation, trade laws of the U.S., EU, and UK, such as the U.S. Export Administration Regulations, sanctions regulations administered by the U.S. Office of Foreign Assets Control, the EU Dual Use Regulation 2021/821, and/or other end-user, end use, and destination restrictions ("Trade Laws"). Customer will not, and will ensure its Affiliates will not, take any action that causes Microsoft to violate applicable Trade Laws. Microsoft may suspend or terminate this Enrollment immediately without notice to the extent that Microsoft reasonably believes that performance would cause it to violate Trade Laws or put it at risk of becoming subject to sanctions and penalties under such laws. Customer remains responsible for its and for its Affiliates' compliance with this section and, to the extent applicable, a Regional Trade Compliance Supplemental Terms incorporated herein by reference.

2. Contact information.

Each party will notify the other in writing if any of the information in the following contact information page(s) changes. The asterisks (*) indicate required fields. By providing contact information, Enrolled Affiliate consents to its use for purposes of administering this Enrollment by Microsoft, its Affiliates, and other parties that help administer this Enrollment. The personal information provided in connection with this Enrollment will be used and protected in accordance with the privacy statement available at https://privacy.microsoft.com/privacystatement.

a. Primary contact. This contact is the primary contact for the Enrollment from within Enrolled Affiliate's Enterprise. This contact may also be an Online Administrator for Volume Licensing

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in the Microsoft 365 Admin Center (MAC)and may grant online access to others. The primary contact will be the default contact for all purposes unless separate contacts are identified for specific purposes

Name of entity (must be legal entity name)* Town of Apex, NC
Contact name: First* Erika **Middle** **Last*** Sacco
Contact email address* Erika.Sacco@apexnc.org
Street address* 73 Hunter Street
City* Apex
State* NC
Postal code* 27502-2312-
(Please provide the zip + 4, e.g. xxxxx-xxxx)
Country* United States
Phone* 919-249-3312
Tax ID
Work or School (WSA) Account ID erika.sacco@apexnc.org
** indicates required fields*

b. Notices contact and Online Administrator. This contact (1) receives the contractual notices, (2) is the Online Administrator for Volume Licensing in the Microsoft 365 Admin Center (MAC)and may grant online access to others, and (3) is authorized to order Reserved Licenses for eligible Online Servies, including adding or reassigning Licenses and stepping-up prior to a true-up order.

☐ Same as primary contact (default if no information is provided below, even if the box is not checked).

Contact name: First* Erika **Middle** **Last*** Sacco
Contact email address* Erika.Sacco@apexnc.org
Street address* 73 Hunter Street
City* Apex
State* NC
Postal code* 27502-2312-
(Please provide the zip + 4, e.g. xxxxx-xxxx)
Country* United States
Phone* 919-249-3312
Work or School (WSA) Account ID erika.sacco@apexnc.org
Language preference. Choose the language for notices. English
☐ This contact is a third party (not the Enrolled Affiliate). Warning: This contact receives personally identifiable information of the Customer and its Affiliates.
** indicates required fields*

c. Online Services Manager. This contact is authorized to manage the Online Services ordered under the Enrollment and (for applicable Online Services) to add or reassign Licenses and step-up prior to a true-up order.

☐ Same as notices contact and Online Administrator (default if no information is provided below, even if box is not checked)

Contact name: First* Erika **Middle** **Last*** Sacco
Contact email address* Erika.Sacco@apexnc.org
Phone* 919-249-3312
Work or School (WSA) Account ID erika.sacco@apexnc.org
☐ This contact is from a third party organization (not the entity). Warning: This contact receives personally identifiable information of the entity.
** indicates required fields*

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d. Reseller information. Reseller contact for this Enrollment is:

Reseller company name* SHI International Corp.
Street address (PO boxes will not be accepted)* 290 Davidson Ave
City* Somerset
State* NJ
Postal code* 08873-4145
Country* United States
Contact name* SarahLatini
Phone* 888-764-8888
Contact email address* msteam@shi.com
** indicates required fields*

By signing below, the Reseller identified above confirms that all information provided in this Enrollment is correct.

Signature* *Sarah Latini*

Printed name* Sarah Latini
Printed title*
Date*

** indicates required fields*

Changing a Reseller. If Microsoft or the Reseller chooses to discontinue doing business with each other, Enrolled Affiliate must choose a replacement Reseller. If Enrolled Affiliate or the Reseller intends to terminate their relationship, the initiating party must notify Microsoft and the other party using a form provided by Microsoft at least 90 days prior to the date on which the change is to take effect.

e. If Enrolled Affiliate requires a separate contact for any of the following, attach the Supplemental Contact Information form. *Otherwise, the notices contact and Online Administrator remains the default.*

(i) Additional notices contact
(ii) Software Assurance manager
(iii) Subscriptions manager
(iv) Customer Support Manager (CSM) contact

3. Financing elections.

Is a purchase under this Enrollment being financed through MS Financing? ☐ Yes, ☒ No.

If a purchase under this Enrollment is financed through MS Financing, and Enrolled Affiliate chooses not to finance any associated taxes, it must pay these taxes directly to Microsoft.

Electronically submitted

Enterprise Enrollment Product Selection Form

Microsoft | Volume Licensing

Proposal ID

3234558.004

Enrollment Number

Language: English (United States)

Enrolled Affiliate's Enterprise Products and Enterprise Online Services summary for the initial order:

Profile	Qualified Devices	Qualified Users	Device / User Ratio	CAL Licensing Model
Enterprise	569	569	1.0	User Licenses

Products	Enterprise Quantity
Microsoft 365 Enterprise	
M365 G5 GCC	2
M365 G3 GCC USL Unified	567

Enrolled Affiliate's Product Quantities:

Price Group	1	2	3	4
Enterprise Products	Office Professional Plus + M365 Apps for Enterprise + Office 365 (Plans E3 and E5) + Microsoft 365 Enterprise	Client Access License + Office 365 (Plans E1, E3 and E5) + Microsoft 365 Enterprise	Client Access License + Windows Intune + EMS USL + Microsoft 365 Enterprise	Win E3 + Win E5 + Win VDA + Microsoft 365 Enterprise
Quantity	569	569	569	569

Enrolled Affiliate's Price Level:

Product Offering / Pool	**Price Level**
Enterprise Products and Enterprise Online Services USLs: Unless otherwise indicated in associated contract documents, Price level set using the highest quantity from Groups 1 through 4.	D
Additional Product Application Pool: Unless otherwise indicated in associated contract documents, Price level set using quantity from Group 1.	D
Additional Product Server Pool: Unless otherwise indicated in associated contract documents, Price level set using the highest quantity from Group 2 or 3.	D
Additional Product Systems Pool: Unless otherwise indicated in associated contract documents, Price level set using quantity from Group 4.	D

Notes

Unless otherwise indicated in the associated contract documents, the price level for each Product offering / pool is set as described above, based upon the quantity to price level mapping below:

Quantity of Licenses and Software Assurance	Price Level
2,399 and below	A
2,400 to 5,999	B
6,000 to 14,999	C
15,000 and above	D

Note 1: In the following countries, any direct Enrollment consisting of only Enterprise Online Services will not be eligible for the Renewal option described in Section 5.b. of the Enrollment or for a new Enrollment due to program changes: Argentina, Australia, Austria, Belgium, Canada, Chile, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Jamaica, Italy, Lichtenstein, Luxemburg, Malta, Netherlands, Norway, Portugal, Puerto Rico, South Africa, Spain, Sweden, Switzerland, Trinidad & Tobago, United Kingdom, United States, and Uruguay.

Note 2: Enterprise Online Services may not be available in all locations. Please see the Product List for a list of locations where these may be purchased.

Note 3: Unless otherwise indicated in the associated Agreement documents, the CAL selection must be the same across the Enterprise for each Profile.

Note 4: If Enrolled Affiliate does not order an Enterprise Product or Enterprise Online Service associated with an applicable Product pool, the price level for Additional Products in the same pool will be price level “A” throughout the term of the Enrollment. Refer to the Qualifying Government Entity Addendum pricing provision for more details on price leveling.

Microsoft Volume Licensing

Amendment to Contract Documents

Enrollment Number

AMD000517826

This amendment ("Amendment") is entered into between the parties identified on the attached program signature form. It amends the Enrollment or Agreement identified above. All terms used but not defined in this Amendment will have the same meanings provided in that Enrollment or Agreement.

Enterprise Enrollment
Invoice for Quoted Price
Amendment ID M97

The price quoted to Enrolled Affiliate is a fixed price based on an estimated order submission date. Microsoft will invoice Enrolled Affiliate based on this fixed price quote. If this order is submitted later than the estimated order submission date, Enrolled Affiliate will be charged for net new Monthly Subscriptions (including Online Services) for the period during which these services were not provided. For Indirect models, Pricing to Enrolled Affiliate is agreed between Enrolled Affiliate and Enrolled Affiliate's Reseller.

SKU Number	SKU Description	Existing Quantity	Incremental quantities
8S2-00003	Copilot Studio Legacy USL GCC Sub Per User	3	0
M9T-00002	O365 Extra File Storage GCC Sub Add-on Extra Storage 1 GB	4,000	0
1O5-00001	Power Automate Premium GCC Sub Per User	3	0
DDJ-00001	Power BI Pro GCC Sub Per User	4	0
NYH-00001	Teams AC with Dial Out US/CA GCC Sub Add-on	815	0
LK9-00003	Teams Phone Standard GCC Sub Per User	400	0
KXJ-00001	Teams Shared Space GCC Sub Per Device	40	10
P3U-00001	Visio P2 GCC Sub Per User	2	0
AAD-34704	M365 G3 Unified FUSL GCC Sub Per User	0	567
AAL-45735	M365 G5 GCC Sub Per User	0	2
YGD-00001	Copilot Studio GCC Sub (Messages)	2	0

SKU Number	SKU Description	Existing Quantity	Incremental quantities
EP2-04452	Entra Private Access Sub Per User	0	160
EP2-24658	M365 Copilot GCC Sub Add-on	35	0
AAD-63092	M365 F3 Unified GCC Sub Per User	0	248
AAV-31451	Teams Premium GCC	0	20

Except for changes made by this Amendment, the Enrollment or Agreement identified above remains unchanged and in full force and effect. If there is any conflict between any provision in this Amendment and any provision in the Enrollment or Agreement identified above, this Amendment shall control.

This Amendment must be attached to a signature form to be valid.

Microsoft Internal Use Only:

"(M97)EnrAmend(Ind)(InvoiceforQuotedPrice)(WW)(ENG)(Dec2025)(IU).docx"		M97	Lime

Previous Enrollment(s)/Agreement(s) Form

Entity Name: Town of Apex, NC
Contract that this form is attached to: State Local Government

For the purposes of this form, "entity" can mean the signing entity, Customer, Enrolled Affiliate, Government Partner, Institution, or other party entering into a volume licensing program agreement.

Please provide a description of the previous Enrollment(s), Agreement(s), Purchasing Account(s), and/or Affiliate Registration(s) being renewed or consolidated into the new contract identified above.

a. Entity may select below any previous contract(s) from which to transfer MSDN subscribers to this new contract. Entity shall ensure that each MSDN subscriber transferred is either properly licensed under the new contract or is removed.

b. Entity may select below only one previous contract from which to transfer the Software Assurance (SA) Benefit contact details, i.e., benefits contact (*not* the SA manager) and the program codes, to this new contract.

c. An Open License cannot be used to transfer either the SA Benefit details or MSDN subscribers.

d. The date of the earliest expiring Enrollment/Agreement that contains SA or Online Services will be the effective date of the new contract (or SA coverage period for Select Plus).

e. Please insert the number of the earliest expiring Enrollment/Agreement with SA or Online Services in the appropriate fields of the new contract.

Enrollment/Agreement/ Purchasing Account/Affiliate Registration Description	Enrollment/Agreement/ Purchasing Account/Affiliate Registration Public Customer Number	Transfer SA Benefit Contact	Transfer MSDN Subscribers
Standard Enrollment	65281062	X	X

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Jamila Godfrey, Assistant Director

Department(s): Parks, Recreation, and Cultural Resources

Requested Motion

Motion to ratify the oral agreement with ePACT Network Ltd and Town of Apex, for services beginning September 1, 2026, approve Addendum No. 1 to the Subscription Agreement for continued services through August 31, 2027, in the amount of $4,125, and authorize the Town Manager, or their designee, to execute on behalf of the Town.

Approval Recommended?

Yes

Item Details

Through the Parks, Recreation and Cultural Resources Department, the Town utilizes ePACT Network Ltd. to provide a secure, web-based system for collecting and managing medical and emergency information for participants in Fun Days Track Out and Summer Camp programs.

The proposed agreement provides services for up to 625 participants for the period of September 1, 2026, through August 31, 2027, at a total cost of $4,125. The agreement includes electronic health record collection and management, electronic waivers and consents, participant communications, reporting, and related services.

These services were needed to coincide with the start of Track Out Camp; however, the written agreement was not finalized prior to services beginning. Town Council approval is therefore requested to ratify the oral agreement authorizing the commencement of services and approving the written agreement for continued services through August 31, 2027.

Attachments

- CN3-A1: Subscription Amendment No.1 - Agreement Ratification - ePACT Network Ltd. - Online Health and Emergency Software for Fun Day Camp Program - through August 31, 2027

APEX 1873 NORTH CAROLINA

ADDENDUM NO. 1

TO SUBSCRIPTION AGREEMENT

TOWN OF APEX

This Addendum No. 1 ("Addendum") is entered into by and between **ePACT Network Ltd.**, having a registered office at 366 Adelaide Street. E #411, Toronto, Ontario, Canada, M5A 3X9 (**"ePACT," "Licensor," "we," "our," or "us"**) and **Town of Apex** having its principal address at 53 Hunter Street, Apex, NC 27502 (**"Customer," "Licensee," "you" or "your"**). Each may be referred to as a **"Party,"** and, collectively as the **"Parties."** This Addendum is effective as of the date of the last signature below.

WHEREAS, on August 1, 2023, ePACT and Town of Apex entered into a Subscription Agreement (the **"Agreement"**); and

WHEREAS, the Parties desire to amend the Agreement to reflect updated pricing, service package, and contract term for the 2026-2027 renewal period; and

NOW, THEREFORE, for and in consideration of the mutual covenants herein contained, the Parties agree to amend the Agreement as follows:

1. The Agreement is hereby amended to reflect the following updated contract term: September 1, 2026, through August 31, 2027.
2. The service package is hereby amended from the Enterprise Package to the Pro Package, which includes the following services: Configurable Set-up Electronic Health Record Collection & Management; Waiver Management (E-signature) and Custom Consents; Custom Other Operational Questions and Shared Files Collection; Email and One-Way Text Messaging; Automated Messaging for Members; Advanced Filtering & Reporting; Mobile App with Offline Access; Optional Two Factor Authentication; and Single Sign On (if purchased).
3. The Agreement is hereby amended to reflect updated pricing for the 2026-2027 term as follows: 625 Pro Licenses (Members) at $5.00 per license = $3,125.00; Auto-Archiving (<1,000 Records) = $1,000.00; Total: $4,125.00.
4. Except as expressly modified by this Addendum, all other terms and conditions of the Agreement shall remain in full force and effect.

Additional Services, Products, and/or Hardware may be added at any time, and an updated invoice will be provided to reflect any changes in fees.

Docusign Envelope ID: 6548C528-130F-87E0-8211-5C1A6BBEFF01

ACCEPTANCE

Customer acknowledges that it has read, understands and accepts this Addendum as written, inclusive of all attachments, schedules or exhibits, as may be revised, and agrees to pay all Fees and all other charges permitted by the Agreement and this Addendum. The individual signing the Agreement on behalf of Customer acknowledges that he/she has the proper legal authority to act on the Customer's behalf and to bind the Customer to this Addendum.

SIGNATURES ON FOLLOWING PAGE

Digital Signatures. A signed copy of the Agreement or any amendment thereto bearing a digital signature, shall be deemed to have the same legal effect as delivery of an original executed copy of the Agreement or such amendment thereto for all purposes, and each digital signature should be given the same legal force and effect as a handwritten signature.

WHEREFORE, the parties have caused this Addendum to be duly executed on the date set forth opposite their signature.

Xplor Technologies - CONFIDENTIAL

Town of Apex:

By _____

(Name) Jon Griffin

(Title) Finance Director

(Date) _____

ePACT NETWORK LTD.:

By Signed by: D56F2EAECDD044D...

(Name) Patrick Hayden

(Title) President

(Date) 8/25/2026

Town of Apex:

By _____

(Name) Randy Vosburg

(Title) Town Manager

(Date) _____

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Trevor Materasso, Deputy Chief

Department(s): Police

Requested Motion

Motion to ratify the oral agreement with Intrado Life & Safety Inc, with the Town of Apex, for ECaTS MIS and Text-to-911 Reporting services for the Apex Police Department's Public Safety Communications Center and approve the agreement in the total amount of $13,079.88, effective July 1, 2025, through June 30, 2027, and authorize the Town manager or their designee, to execute on behalf of the Town.

Approval Recommended?

Yes

Item Details

The Apex Police Department is requesting approval to continue ECaTS Management Information System (MIS) and Text-to-911 Reporting services with Intrado Life & Safety, Inc. for the Town's Public Safety Communications Center. These services provide reporting and analytical tools to monitor 911 call activity, evaluate operational performance, identify trends, and track text-based emergency communications.

The Communications Center has been operating under an oral agreement while staff and the vendor completed software updates, upgrades, and configuration changes to meet operational needs. With these changes finalized, staff is requesting formal approval of the agreement.

The agreement covers July 1, 2025, through June 30, 2027, at a total cost of $13,079.88. Council approval is requested to ratify the oral agreement and authorize the written agreement for continued services through June 30, 2027.

Attachments

- CN4-A1: Agreement Ratification - Intrado Life and Safety, Inc. - ECaTS MIS and Test-to-911 Reporting Services - through June 30, 2027

Company Name: Intrado Life & Safety, Inc.

ECaTS MIS & Text-to-911 Reporting Renewal

for

Apex Police Department, NC

(DIRECT)

Quote Number: 81096

Version: 2

July 22, 2026

The terms and conditions available at https://www.intrado.com/legal-privacy/terms-conditions as of the date of this Quote will apply to this Quote, unless the parties have entered into a separate mutually executed agreement, or Customer is purchasing under a cooperative purchasing agreement. The terms of this Quote will govern any conflict with the above-mentioned terms, and Customer's issuance of a purchase order for any or all of the items described in this Quote will constitute acknowledgement and acceptance of such terms. No additional terms in Customer's purchase order will apply. This document contains confidential and proprietary information of Intrado, and such information may not be used or disclosed without prior written consent.

Summary - Apex Police Department

Item	Price
Recurring Services	$13,079.88
Total:	**$13,079.88**

Year	Systems	Professional Services	Recurring Services	Maintenance Services	Totals
Year 1			$6,427.44		**$6,427.44**
Year 2			$6,652.44		**$6,652.44**
Totals			**$13,079.88**		**$13,079.88**

Site: Apex Police Department

Item#	Description	Qty	List Price	Selling Price	Total
ECATS Recurring Services					
ECATS-MIS-T2	ECaTS MIS Reporting Tier 2 : 25K - <50K (3-4 Pos) per PSAP Monthly Pricing - Year 1	12	$453.13	$453.13	$5,437.56
ECATS-SMS-ADD	Text-2-911 Add-on (per PSAP) Monthly Pricing - Year 1	12	$82.49	$82.49	$989.88
ECATS-MIS-T2	ECaTS MIS Reporting Tier 2 : 25K - <50K (3-4 Pos) per PSAP Monthly Pricing - Year 2	12	$468.99	$468.99	$5,627.88
ECATS-SMS-ADD	Text-2-911 Add-on (per PSAP) Monthly Pricing - Year 2	12	$85.38	$85.38	$1,024.56
				Subtotal	**$13,079.88**
				Total	**$13,079.88**

INTRADO

Notes

1 This quote provides pricing to renew ECaTS MIS and Text-to-911 Reporting services at Apex Police Department,

NC. The quote is configured for 4 positions.

The coverage period is July 1, 2025 through June 30, 2027.

ECaTS

Billing and the term commencement for the services will begin when the Services are first made available for Customer's use, and will continue for the designated number of months as stated in this Quote.

ECaTs services will be provided in accordance with the applicable Service Guide at https://www.intrado.com/legal-privacy/terms-conditions.

Terms

VENDOR NAME	**Intrado Life & Safety, Inc.** Include quote number on P.O.
SUBMIT P.O.	erd-ordermanagementteam@intrado.com
PRICING	All prices are in USD
INVOICING	Per Contract
DELIVERY	TBD
VALIDITY	**Quote expires on October 31, 2026**.

COPYRIGHT The information contained in this document is proprietary to Intrado Life & Safety, Inc. and is offered solely for the purpose of evaluation.

Optional Signature Page

Customer can purchase the products and services in this Quote by:

- **Issuing a purchase order for the Total Amount of the quote**

  OR

- **By signing below**

Intrado Quote Number: 81096 Version: 2 Date Issued: July 22, 2026

Total Purchase Amount (Not including Optional Products or Services): $13,079.88

Please check one: Bill the Total Amount Upfront: _____ Bill Annually: _____

ACCEPTED AND AGREED:

Customer is committing to the Total Purchase Amount listed above.
Customer Entity Name: Town of Apex Police Department, NC

By signing above, Customer acknowledges and agrees with the terms of the box checked below:

_X_A customer purchase order is required to pay any invoice relating to this quote. Customer acknowledges that Intrado will not ship any equipment or software, or commence any services, until it has received customer's corresponding purchase order.

_ A customer purchase order is NOT required to pay any invoice relating to this quote. The signature above authorizes Intrado to ship, provide services, and invoice customer.

The terms and conditions available at https://www.intrado.com/legal-privacy/terms-conditions as of the date of this Quote will apply to this Quote, unless the parties have entered into a separate mutually executed agreement, or Customer is purchasing under a cooperative purchasing agreement. The terms of this Quote will govern any conflict with the above-mentioned terms, and Customer's issuance of a purchase order for any or all of the items described in this Quote will constitute acknowledgement and acceptance of such terms. No additional terms in Customer's purchase order will apply. This document contains confidential and proprietary information of Intrado, and such information may not be used or disclosed without prior written consent.

Web Terms for Services, Software, and Equipment as of November 11, 2025

These Website Terms for Services, Software, and Equipment apply to sales made by Intrado Life & Safety, Inc. (if in the United States) or Intrado Life & Safety Canada, Inc. (if not in the United States) (as applicable, "Intrado") to the customer issuing a purchase order to Intrado ("Customer"), as of the date of such purchase order ("Effective Date"). These "Terms" consist of these terms and conditions, any orders or statements of work referencing these terms or issued by Customer to Intrado, and any quotes from Intrado to Customer on which a purchase order is based (each, an "Order") describing the Intrado services ("Services"), software object code and accompanying documentation ("Software"), and/or hardware or other equipment ("Equipment") that Intrado agrees to provide to Customer. "Affiliate" has the meaning in Rule 405 of the U.S. Securities Act of 1933, as amended.

1. Term

These Terms begin on the Effective Date and and continue in effect for 24 months from the Effective Date. Termination of any Order will not affect these Terms or any other Order.

2. Confidentiality

Exhibit A: Confidentiality and FOIA applies to disclosure and use of Confidential Information (as defined in Exhibit A) exchanged under these Terms and disclosures required by applicable freedom of information or public records laws.

3. Software

3.1 License Grant

Subject to these Terms, Intrado grants to Customer a personal, nonexclusive, nontransferable, non-sublicensable license to use Software at the location ("Site") and on the number of servers, workstations, and users or other applicable metric set forth in the Order, solely for Customer's internal purposes, to copy Software onto a storage device, and to make one copy solely for backup and disaster recovery purposes.

3.2 Restrictions

Customer will not itself, or through any Affiliate, agent, or other third party: (a) sell, lease, sublicense, or otherwise transfer Software; (b) decompile, disassemble, reverse engineer, or otherwise attempt to derive source code from Software; (c) modify or enhance Software, or write or develop any derivative software, or any other functionally compatible, substantially similar, or competitive products; (d) network Software or use Software to provide processing services to third parties, commercial timesharing, rental, or sharing arrangements, or otherwise use Software on a service bureau basis; (f) provide, disclose, divulge, or make available to, or permit use of Software by any third party without Intrado's prior written consent; or (g) use or copy Software except as permitted hereunder.

3.3 Audit

On 45 days' written notice, Intrado may audit Customer's use of Software. Customer agrees to cooperate with Intrado's audit and provide reasonable assistance and access to information. Any such audit will not unreasonably interfere with Customer's normal business operations. Customer agrees to pay within 30 days of written notification any fees applicable to Customer's use of the programs in excess of Customer's license rights. If Customer does not pay, Intrado can end Customer's maintenance and support, licenses, and these Terms. Customer agrees that Intrado will not be responsible for any of Customer's costs incurred in cooperating with the audit.

4. Maintenance and Support Services

To the extent that an Order provides for maintenance and support Services for Equipment and Software, such Services will be provided in accordance with Intrado's then-current Maintenance and Support Services terms located at https://www.intrado.com/legal-privacy/terms-conditions

5. Limited Warranty

5.1 Software and Equipment Limited Warranty

Intrado warrants that the Intrado Software and Equipment will perform substantially in accordance with Intrado's specifications for 12 months from Final Acceptance (see Section 13 below). Intrado will, at its sole discretion and as Customer's sole remedy, repair or replace the problem Software and Equipment, provided that the problem can be reproduced on either Intrado's or Customer's systems. Replacement parts are warranted to be free from defects in material and workmanship for 90 days, or for the remainder of the limited warranty period of the Intrado Equipment they are replacing, whichever is longer. The limited warranty includes remote support services (help desk) during the warranty period. Freight costs to ship defective Equipment to Intrado are borne by Customer, with return at Intrado's expense. Intrado will pass through to Customer any third-party manufacturer warranties for products supplied by Intrado.

Customer's access to and use of third-party Equipment and Software will be and remain subject to all terms, conditions and licenses imposed by the manufacturers and/or third-party licensors of such third party Equipment or Software.

5.2 Services Limited Warranty

Intrado warrants that Services will be provided in a workmanlike manner, in accordance with industry standards and by individuals with suitable skills and abilities.

5.3 Disclaimer

Intrado will not be obligated to repair or replace any Software or Equipment which (i) has been repaired by others; (ii) has been abused or improperly handled, stored, altered, or used with third party material or equipment; (iii) has been subject to power failures or surges, lightning, fire, flood, or accident; or (iv) has not been installed by Intrado or an Intrado authorized technician. EXCEPT AS STATED IN THIS SECTION, INTRADO DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, DATA ACCURACY, CONDITION OF DATA, OR LOSS OF DATA, NETWORK CONNECTIVITY, INTEROPERABILITY, OR THAT SOFTWARE, EQUIPMENT, SERVICES, OR RELATED SYSTEMS WILL BE UNINTERRUPTED OR ERROR-FREE.

6. Customer Materials

Customer will provide information reasonably requested by Intrado to perform Services, including as applicable: telecommunication or cell site specifications; Customer or third party databases; network architectures and diagrams; performance statistics; interfaces and access to Customer systems, including third party systems; routing and network addresses and configurations ("Customer Materials"). Customer warrants that (a) Customer is solely responsible for the content and rights to Customer Materials; (b) Customer Materials will be accurate; and (c) Intrado's use of Customer Materials will not violate the rights of any third party. Customer will retain ownership of all Customer Materials.

7. Limitation of Liability

7.1 Limitation

NEITHER PARTY WILL BE LIABLE FOR ANY INDIRECT, EXEMPLARY, SPECIAL, PUNITIVE, CONSEQUENTIAL, OR INCIDENTAL DAMAGES OR LOSS OF GOODWILL, DATA, OR PROFITS, OR COST OF COVER. THE TOTAL LIABILITY OF INTRADO FOR ANY REASON WILL BE LIMITED TO THE AMOUNT PAID BY CUSTOMER UNDER THE RELEVANT ORDER IN THE SIX MONTHS PRIOR TO THE CLAIM. THESE LIMITS ON LIABILITY APPLY WHETHER THE CLAIM ARISES OUT OF BREACH OF WARRANTY, CONTRACT, OR TORT (EXCLUDING NEGLIGENCE), AND EVEN IF THE DAMAGES ARE POSSIBLE OR FORESEEABLE.

7.2 Time Limit

ANY SUIT MUST BE FILED WITHIN TWO YEARS AFTER THE CAUSE OF ACTION ACCRUES.

8. Indemnification

8.1 Intrado Indemnity

Intrado will indemnify, defend, and hold harmless Customer, from third-party claims, actions, suits, proceedings, costs, expenses, damages, and liabilities, including reasonable attorney fees and expenses (collectively, "Claims") for physical injury or death or tangible property damage to the extent caused by Intrado's gross negligence or willful misconduct.

8.2 Customer Indemnity

[RESERVED]

8.3 Procedures

The indemnified party will (a) notify the other party of any Claim; (b) relinquish control of the defense and settlement; and (c) assist the indemnifying party as reasonably requested. The indemnifying party may settle any Claim without the indemnified party's consent if the settlement does not affect the rights of the indemnified party. The indemnified party may participate in the defense at its expense.

9. Termination

If either party fails to cure a material default within ten days for late payments, or 30 days for other default, after notice specifying the default, the non-defaulting party may terminate the applicable Order, and pursue any other available remedies at law or equity. The cure period will extend for 30 more days if Intrado uses good faith efforts to cure. Software licenses will remain in force until terminated, if at all, due to an uncured material default. On termination of a Software license, Customer will, to the extent applicable, (a) cease using Software, and (b) certify to Intrado within one month after termination that Customer has destroyed or has returned to Intrado the Software and all copies. This requirement applies to copies in all forms, partial and complete, in all types of media and computer memory, and whether or not modified or

merged into other materials. Intrado may terminate an Order on 180 day's notice to Customer based on Intrado's discontinuance of the offered Services.

10. Intellectual Property

Intrado retains full and exclusive ownership of and all rights in, to and under its trademarks, service marks, tradenames and logos, and any design, data, specification, know-how, software, device, technique, algorithm, method, discovery or invention, whether or not reduced to practice, relating to Services, Software, and Equipment, and any development, enhancement, improvement or derivative works thereto, except for Customer Materials (collectively, including all intellectual property rights, "Intrado IP"). Customer receives no other right, title, or interest in, to, or under Intrado IP. Intrado IP is Intrado's Confidential Information (as defined in Exhibit A hereto). Customer will cooperate to take such actions reasonably requested to vest ownership of Intrado IP in Intrado.

Customer will not disclose or allow access to Intrado IP, including without limitation, software and systems, by anyone other than Customer's employees and subcontractors who have a need to access Intrado IP and who are bound by law or written agreement to comply with Customer's duties under these Terms. Neither party will reverse engineer, decompile, disassemble, or translate the other party's intellectual property or confidential information. Each party reserves all rights to its intellectual property and confidential information.

11. Delivery

Equipment will be shipped FCA point of origin (Incoterms 2000) on completion of the manufacturing process, and Software will either be shipped using the above method, or made available for download from a site designated by Intrado. All shipping and handling charges will be prepaid by Intrado and charged to Customer. For RMA requests or other returns, Intrado's Defective Equipment Return Policy, Project, and Spares Equipment Return Policy will apply.

12. On-Site Services

12.1 Intrado Obligations

If Intrado performs Services at Customer's premises, such as installation ("Installation"), site survey, project management, training, or cutover services (as applicable, "On-Site Services"), Intrado will:

- If Installation is purchased, install and perform acceptance testing on Software and Equipment at the Site in accordance with Intrado's normal installation and testing practices.
- If training is purchased, perform training as specified in the Order.
- Designate a project manager with authority, competence, and responsibility to communicate information to Intrado and to act as liaison between Intrado and Customer.

12.2 Customer Obligations

If On-Site Services are ordered, Customer will, at its expense:

- Designate a general project coordinator, with authority, competence, and responsibility to communicate information to Intrado and to act as liaison between Customer and Intrado.
- Ensure that staff: (i) are available during nonstandard work times as necessary (early, late, and weekends) (ii) monitor acceptance testing; and (iii) are on-site for technical training, if applicable.
- Provide unobstructed access for Installation and testing of Software, Equipment and cabling, including obtaining any necessary consents from the landlord, building owner, or others.
- Ensure that any Customer equipment meets Intrado's specifications.
- Provide, within the Site, suitable and easily accessible secure storage of tools, test sets, lockers and employees' personal effects.
- Ensure that the Site will meet all temperature, humidity controlled, air-conditioned, and other environmental requirements set forth in the applicable specifications, and will be dry and free from dust.
- Provide all patching, painting, openings, conduits, floor reinforcements, or other furniture or mechanical modifications pertinent to Installation.
- Provide ample electric current of proper voltage for any necessary purpose suitably terminated in a room where it is required, including properly grounded copper cold water pipe before meter ground as specified by Intrado.
- Provide an exclusive VPN tunnel to allow for remote diagnostics and a modem for establishing the remote access by Intrado.
- Dispose of all Equipment packing material.
- Maintain, at all times, a procedure, external to Software and Equipment, for the reconstruction of lost or altered files, data, or programs deemed necessary by Customer.

- Ensure that Intrado is promptly informed of any problems with Software or Equipment.
- Ensure Customer's third party vendors collaborate with Intrado in a reasonable and timely manner.

12.3 Exclusions, Changes

If On-Site Services are prevented, interrupted or delayed due to Customer's failure to meet its obligations stated above, or if Customer unexpectedly delays or changes the agreed-on schedule for On-Site Services, Customer will be responsible for applicable travel and lodging costs, charges at Intrado's standard hourly rates for the time during which such On-Site Services were prevented, interrupted or delayed, any other direct costs incurred by Intrado, and Intrado then-current rescheduling fees (currently $300.00 per person, per day, of time scheduled to be On-Site). Intrado will not be deemed to be in default nor be held responsible for any delays or failures resulting from an event of Force Majeure or for any delays resulting from Customer or any of Customer's third-party vendors or from Customer's obligations stated above. Changes to the design or installation plan by Customer after the original Order will be considered a request for a change order. On receipt of a request for a change order, Intrado will, within ten business days, either accept or refuse the request for a change order. If Intrado accepts the request for a change order, Intrado will issue a new quote to cover any costs, if applicable, associated with the change order.

13. Acceptance

If Intrado is not performing Installation, Software and Equipment will be deemed accepted when Intrado has completed its shipping obligations. If Intrado is performing Installation, then Customer will provide Intrado with a written notice of acceptance or rejection, based on a Severity Level 1 or 2 failure (as defined in the Maintenance and Support terms), within ten calendar days after Intrado's notice of System Cutover ("Notification Date"), which acceptance will not be unreasonably withheld or conditioned. If Customer does not accept Software and Equipment, it will notify Intrado in writing within ten calendar days of the Notification Date, and will specify the Severity Level 1 or 2 failure. Intrado will use commercially reasonable efforts to promptly diagnose and correct all identified failures, and the acceptance process will be repeated until acceptance occurs. If Customer fails to provide written notice of rejection as stated above within the time stated above, acceptance will be deemed to have occurred. "System Cutover" will mean the first date that Software and Equipment is used for live call-taking or dispatching. If Software and/or Equipment are being installed at multiple Sites, the above acceptance process will apply to each Site. The date of acceptance of the first Site will be referred to as the "Final Acceptance." Services will be deemed accepted when performed.

14. Payment

14.1 Payment Terms

For Equipment and Software sales, the following payment terms will apply: If Installation is not purchased, then all fees will be invoiced on shipment. If Installation is purchased, Customer will be invoiced according to the following terms:

- 30% on acceptance of Customer's Order
- 30% on shipment
- 30% on System Cutover
- 10% on Final Acceptance

Maintenance and Support Services will be payable as stated in the Order, either (i) in advance according to the above percentage breakdown, or (ii) annually in equal payments, which payments will be due on each anniversary of Final Acceptance.

Dedicated On-Site Services will be invoiced when the on-site personnel are first made available to Customer. Other recurring Services, such as TXT29-1-1 and Power Metrics or ECaTS reporting services, will begin invoicing when such Services are first made available to Customer. Other Services will be invoiced when performed.

14.2 Payment Method

Customer will pay all invoices within 30 days of invoice date, without setoff or deduction, preferably via electronic funds (ACH, EFT, or wire transfer). Intrado will apply payments to the oldest outstanding invoice. Intrado may increase fees under an Order on an annual basis in an amount not to exceed the greater of 5% or the Consumer Price Index (all urban consumers) for the prior year. Customer will bear all applicable taxes, duties, and surcharges relating to Services (including applicable interest and penalties), except taxes based on Intrado's income. Any tax exemption must be supported by appropriate documentation.

14.3 Late Payments

Invoices not paid when due will bear interest from the due date at the lower of two percent per month, or the highest allowable rate. Customer will pay all reasonable costs of collection (including attorney fees). Intrado may change payment terms or require a deposit on an adverse change in Customer's financial condition or payment record, including requiring immediate payment if Customer falls below a C credit rating.

14.4 Cancellation Fees

Cancellation of any element of an Order before shipment or performance of Services will result in cancellation charges equal to 25% of the price of the cancelled item. Anything that has been specifically developed for Customer, including any special order or custom Software or Equipment, is not cancellable. Cancellation or rescheduling is not permissible after shipment. Delays by Customer to delivery, Installation Services, or acceptance testing that in the aggregate exceed six months may, in Intrado's discretion, be treated as a cancellation of the Order, and be subject to the greater of the above fees, or Intrado's total expenses allocated to the project through such date.

14.5 Payments Final

All amounts paid are final and nonrefundable. Equipment and Software may be returned only pursuant to a valid warranty claim or as permitted as part of Maintenance and Support Services.

15. Insurance

Each party will maintain: (a) Workers' Compensation insurance required by law; (b) employer's liability insurance with limits of at least $500,000 for each claim; (c) comprehensive automobile liability insurance if the use of motor vehicles is required, with limits of at least $1,000,000 combined single limit for bodily injury and property damage for each claim; (d) Commercial General Liability insurance, including Blanket Contractual Liability and Broad Form Property Damage, with limits of at least $1,000,000 combined single limit for bodily injury and property damage for each claim; (e) Professional Liability or Errors and Omissions insurance of at least $1,000,000 for each claim; and (f) excess or umbrella liability at a limit of at least $5,000,000 per claim. The CGL, excess or umbrella liability and automobile liability policies will designate the other as an Additional Insured. On request, the other party will furnish certificates evidencing the foregoing insurance. Each party will strive to notify the other at least 30 days before any cancellation or termination of its policy.

16. Miscellaneous

16.1 Governmental Agencies

Use of Intrado Services or products by the United States Government or other governmental agencies will be as "restricted computer software" or "limited rights data" as set forth in 48 CFR 52.227-14, or as "commercial computer software" or "commercial computer software documentation" under DFARS 252.227-7202, or under such other similar applicable terms and conditions to prevent the transfer of rights in and to the technology to the government or such agency other than under normal commercial licensing terms and conditions.

16.2 Force Majeure

Neither party is liable for delays or defaults in its performance hereunder (except for its payment obligations) due to causes beyond its reasonable control, including: acts of God or government; war, terrorism, fire, or explosion; flood; extreme weather; epidemic; riots; embargoes; viruses; technology attacks; labor disturbances; failure or unavailability of the Internet, telecommunications, transportation, utilities, or suppliers. Without limiting the foregoing, to the extent Customer fails to perform any of its responsibilities described in this Agreement or an Order, Intrado (a) will be excused from failure to perform any affected obligations; (b) will be entitled to a reasonable extension of time and a reasonable reimbursement of additional costs incurred as a result; and (c) will not be responsible for any consequence or liability arising from Customer's failure. Each Party will notify the other as promptly as practicable after becoming aware of the occurrence of any such condition.

16.3 Independent Contractors, Beneficiaries

The parties are independent contractors. No agency, joint venture, or partnership is created under these Terms. These Terms benefit Customer and Intrado only; there are no third party beneficiaries.

16.4 Interpretation, Conflict, Severability

"Including" means including, without limitation. "Days" means calendar days. If any terms of these Terms and an Order conflict, the Order will govern for that Order only. No preprinted purchase order or other Customer form terms will apply. Any provision held unenforceable by a court will be enforced to the fullest extent permitted by law and will not affect the other provisions. No course of dealing or failure to exercise any right or obligation is an amendment or waiver. These Terms may be modified or amended only in a writing signed by the parties.

16.5 Assignment

These Terms will be binding on the permitted successors and assigns. Neither party may transfer or assign these Terms without the prior written consent of the other, not to be unreasonably withheld, except that Intrado may assign these Terms to an Affiliate or to an acquirer of all or part of its business or assets without consent.

16.6 Applicable Law and Remedies

These Terms are governed by North Carolina law, without regard to choice of law principles. . All rights and remedies are in addition to any other rights or remedies at law or in equity, unless designated as an exclusive remedy in these Terms.

16.7 **Compliance with Laws and Policies**

Each party has or will timely obtain all consents, licenses, permits, and certificates required to perform under these Terms. Each party will comply with laws, rules, regulations, and court orders applicable to it or Services. Intrado may cease or modify Services or these terms as reasonably required to comply with changes in law. Customer recognizes and agrees to comply with Intrado's Code of Ethical Business Conduct located at https://www.Intrado.com/legal-privacy/code-of-ethics/. In addition, Customer may not, without Intrado's prior written approval, perform or disclose network discovery, port or service identification, vulnerability scanning, benchmarking or availability testing, password cracking or remote access testing of the Services.

16.8 **Advertising and Publicity**

Neither party will use the other party's name or marks in any press release, advertisement, promotion, speech, or publicity, without the other party's prior written consent, except that Intrado may use Customer's name and marks in its customer lists, sales or promotional materials without consent.

16.9 **Affiliates, Changes, Telecom Charges**

Services may be provided, in whole or part, by Intrado or its Affiliates. Intrado Life & Safety Communications Inc. may provide regulated portions of Services. Intrado may modify or improve Services, Software, and Equipment during the term. Where Intrado incurs telecommunication costs directly attributable to Services provided to Customer, Customer will be charged at cost + 25%. For Services that involve communication services (including Emergency Routing Services), a monthly surcharge will apply (currently 2.37%).

16.10 Notices, Entire Agreement, Survival

All notices must be in writing. Notices are effective on receipt when sent by certified or registered U.S. Mail, charges prepaid, return receipt requested, or when delivered by hand, overnight courier, or fax with confirmed receipt. Notice by email is acceptable, effective 24 hours after receipt (Email for Intrado: legalnotices.lifesafety@intrado.com). These Terms constitute the entire agreement and supersedes any prior written or oral agreements or understandings related to its subject matter. Sections titled Invoice and Payment, Confidentiality, Limited Warranty, Limitation of Liability, Indemnification, Intellectual Property, and Miscellaneous will survive termination of these Terms.

16.11 E-Verify

Intrado shall comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify). Intrado shall require all of its subcontractors to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes (E-Verify).

16.12 Anti-Human Trafficking

Intrado warrants and agrees that no labor supplied by the Intrado or its subcontractors in the performance of this Agreement shall be obtained by means of deception, coercion, intimidation or force, or otherwise in violation of North Carolina law, specifically Article 10A, Subchapter 3 of Chapter 14 of the North Carolina General Statutes, Human Trafficking.

16.13 Nondiscrimination

Pursuant to Section 3-2 of the Town of Apex Code of Ordinances, Intrado hereby warrants and agrees that Intrado will not discriminate against a protected class in employment, subcontracting practices, or the solicitation or hiring of vendors, suppliers, or commercial customers in connection with this Agreement. For the purposes of this Agreement "protected class" includes age, race, religious belief or non-belief, ethnicity, color, national origin, creed, sex, sexual orientation, gender identity, marital status, natural hair style, genetic information, pregnancy, familial status, disability, veteran or military status, or disabled veteran status.

16.14 Nonappropriation

Notwithstanding any other provisions of this Agreement, the parties agree that payments due hereunder from the Customer are from appropriations and monies from the Town of Apex Town Council and any other governmental entities. In the event sufficient appropriations or monies are not made available to the Customer to pay the terms of this Agreement for any fiscal year, this Agreement shall terminate immediately without further obligation of the Customer.

Exhibit A: Confidentiality and FOIA

Except to the extent disclosures are required under applicable freedom of information or public records laws or regulations, the terms of this Exhibit A-Confidentiality and FOIA will apply to information disclosed under this Agreement. Customer may disclose Intrado's Confidential Information only to the extent required by applicable law or regulation. Customer will give sufficient notice to Intrado to allow Intrado to claim applicable exemptions, make applicable objections, or seek appropriate limits or restrictions on use and disclosure of its Confidential Information.

1. Definitions

"Confidential Information" means all information disclosed by or on behalf of either party ("Discloser") to the other party ("Recipient") that is marked as confidential or proprietary or that by its nature or context constitutes information that a reasonable businessperson would treat as proprietary, confidential, or private, even if not so marked. Confidential Information includes, but is not limited to, a party's financial, business, technical, marketing, sales, customer, product, pricing, strategy, personnel, software, systems, methods, processes, practices, intellectual property, trade secrets, software, contract terms, or other business information.

2. Exclusions

Confidential Information does not include: (a) any information that was or becomes generally available to the public through no breach of this Exhibit; (b) any information that was previously known by Recipient or is disclosed to Recipient by a third party without any obligation of confidentiality; (c) deidentified data under Section 3 below; or (d) any information that is independently developed by Recipient without use of Discloser's Confidential Information.

3. Use and Disclosure

Recipient and its employees, Affiliates, agents, and contractors will: (a) use Confidential Information only for the Agreement; (b) disclose Confidential Information only to its employees, Affiliates, agents, and contractors with a "need to know" for the Agreement; (d) use the same standard of care to protect Discloser's Confidential Information as Recipient uses to protect its own similar confidential or proprietary information, but not less than reasonable care appropriate to the type of information; (e) reproduce Discloser's confidentiality or proprietary notices, legends, or markings on all copies or extracts of Confidential Information; and (f) use and disclose Confidential Information as authorized in writing by Discloser. Recipient is responsible for compliance with this Exhibit by its employees, Affiliates, agents, and contractors. Intrado's Global Privacy Statement at www.intrado.com/legal-privacy governs Customer's rights regarding data protection and privacy, including Intrado's practices with respect to the collection, use and disclosure of certain data and/or personal information provided to us in connection with use of the Services. Intrado may use information provided to us in connection with the use of the Services to create or derive aggregate, anonymized, or deidentified data that has been transformed so that it cannot reasonably be used to identify, relate to, or be associated with any individual. Intrado will not attempt to re-identify any such anonymized data or associate it with any specific individual. Such deidentified data is not personal or confidential information and will be Intrado intellectual property. Intrado may use information from the Services, including deidentified data, for its reasonable business purposes, such as operating and improving the Services, developing new services and features, and performing benchmarking, analytics and reporting, including through the application of machine learning, modeling or other technologies.

4. Required Disclosure

If required to disclose any Confidential Information by law or court order, Recipient will promptly notify the Discloser (unless prohibited by law) and cooperate with Discloser, at Discloser's expense, to seek protective orders or appropriate restrictions on use and disclosure. Confidential Information disclosed under this Section will continue to be subject to all terms of this Exhibit for all other purposes.

5. Return or Destruction

Within 30 days of a written request of Discloser after termination of the Agreement, Recipient will return or destroy Discloser's Confidential Information. Recipient will certify return or destruction if requested by Discloser. Recipient may retain Discloser's Confidential Information to the extent required by law. This Exhibit A will survive and continue to apply to Discloser's Confidential Information that is not reasonable to return or destroy (for example, retained in archive or backup systems) as long as it is retained by or for Recipient.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Motion to adopt a Resolution Directing the Town Clerk to Investigate Petition Received, to accept the Certificate of Sufficiency by the Town Clerk, and to adopt a Resolution Setting the Date of a Public Hearing for Tuesday, October 27, 2026, on the Question of Annexation - Apex Town Council's intent to annex 8.93 +/- acres, located at 1409 Goodwin Road (PIN No. 0722-27-6466), Annexation No. 836, into the Town Corporate limits.

Approval Recommended?

Yes

Item Details

The Town Clerk certifies to the investigation of said annexation.

Adoption of the Resolution authorizes the Town Clerk to advertise said public hearing by electronic means and on the Town of Apex's website.

This annexation is associated with Rezoning Case No. 26CZ08 submitted July 01, 2026. The associated rezoning seeks to rezone this parcel from R-80W to RR-CZ. The application can be found (HERE).

Attachments

- CN5-A1: Resolution Directing the Town Clerk to Investigate Petition
    - Certificate of Sufficiency by the Town Clerk
    - Resolution Setting Date of Public Hearing
- CN5-A2: Legal Description – Satellite Annexation No. 836 - 1409 Goodwin Road - 8.93 acres
- CN5-A3: Aerial Map – Satellite Annexation No. 836 - 1409 Goodwin Road - 8.93 acres
- CN5-A4: Plat Map – Satellite Annexation No. 836 - 1409 Goodwin Road - 8.93 acres
- CN5-A5: Annexation Petition – Satellite Annexation No. 836 - 1409 Goodwin Road - 8.93 acres

RESOLUTION DIRECTING THE TOWN CLERK
TO INVESTIGATE PETITION RECEIVED UNDER G.S.§ 160A-58.1

Satellite Annexation Petition No. 836
1409 Goodwin Road | 8.93 acres

WHEREAS, G.S. §160A- 58.2 provides that the sufficiency of the petition shall be investigated by the Town Clerk before further annexation proceedings may take place; and

WHEREAS, the Town Council of the Town of Apex deems it advisable to proceed in response to this request for annexation;

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Apex, that the Town Clerk is hereby directed to investigate the sufficiency of the above-described petition and to certify to the Town Council the result of his investigation.

This the 13th day of October, 2026.

_____
Jacques K. Gilbert
Mayor

ATTEST:

_____
Allen L. Coleman, CMC
Town Clerk

CERTIFICATE OF SUFFICIENCY BY THE TOWN CLERK

Satellite Annexation Petition No. 836
1409 Goodwin Road | 8.93 acres

To: The Town Council of the Town of Apex, North Carolina

I, Allen L. Coleman, Town Clerk, do hereby certify that I have investigated the annexation petition attached hereto, and have found, as a fact, that said petition is signed by all owners of real property lying in the noncontiguous area described therein, in accordance with G.S.§ 160A-58.1(b), as amended.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Town of Apex, North Carolina this 13th day of October, 2026.

_____
Allen L. Coleman, CMC
Town Clerk

(Seal)

RESOLUTION SETTING DATE OF PUBLIC HEARING
ON THE QUESTION OF ANNEXATION PURSUANT TO G.S.§ 160A-58.2 AS AMENDED

Satellite Annexation Petition No. 836
1409 Goodwin Road | 8.93 acres

WHEREAS, a petition requesting annexation of the non-contiguous area described herein has been received; and

WHEREAS, the Town Council of Apex, North Carolina has by Resolution directed the Town Clerk to investigate the sufficiency thereof; and

WHEREAS, Certification by the Town Clerk as to the sufficiency of said petition has been made;

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Apex, North Carolina that:

Section 1. A public hearing on the question of annexation of the area described herein will be held at the Apex Town Hall at 6 o'clock p.m. on the 27th day of October, 2026.

Section 2. The area proposed for annexation is described as attached.

Section 3. Notice of said public hearing shall be published on the Town of Apex Website, www.apexnc.org, Public Notice, at least ten (10) days prior to the date of said public hearing.

This the 13th day of October, 2026.

_____
Jacques K. Gilbert,
Mayor

ATTEST:

_____
Allen L. Coleman,
Town Clerk
Attachment: Legal Description

Bateman Civil Survey Company, PC
2524 Reliance Avenue
Apex, NC 27539

Phone: (919) 577-1080
Fax: (919) 577-1081
info@batemancivilsurvey.com

LEGAL DESCRIPTION (PIN:0722276466 ANNEXATION):

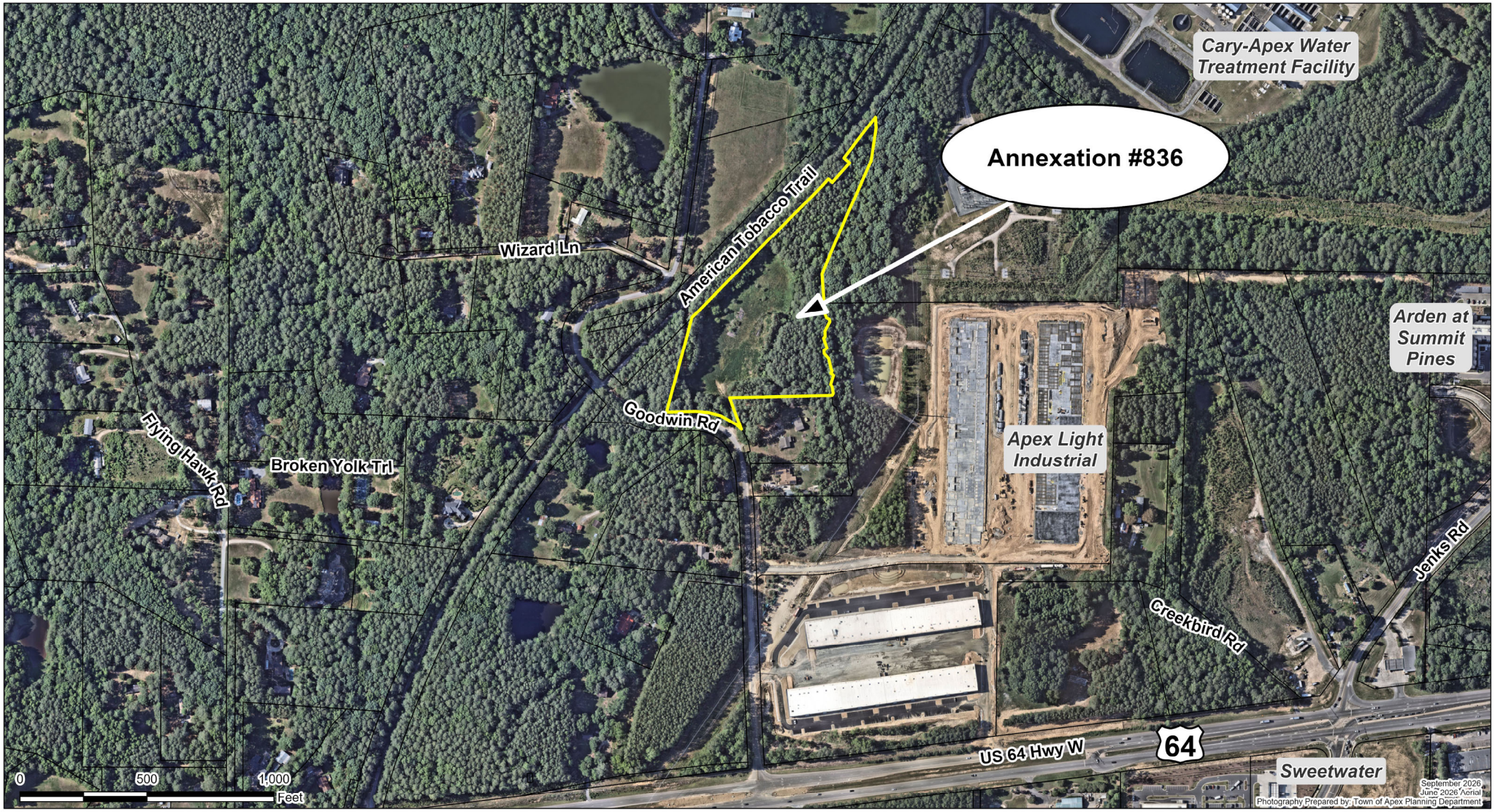
BEING ALL OF THAT PARCEL OF LAND NOW OR FORMERLY OF GOODWIN ROAD LLC (PIN: 0722276466) AS DESCRIBED IN DEED BOOK 14676 AT PAGE 2397 OF THE WAKE COUNTY REGISTER OF DEEDS, LYING IN WHITE OAK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

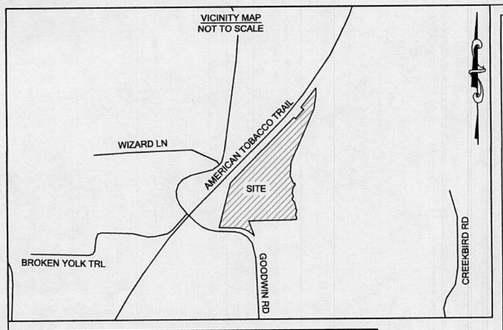
BEGINNING AT A ½" IRON PIPE FOUND ON THE NORTHERN RIGHT OF WAY OF GOODWIN ROAD, SAID IRON BEING THE TRUE POINT OF BEGINNING AND HAVING NORTH CAROLINA STATE PLAIN COORDINATES OF N: 727,173.99' AND E: 2,022,315.45'; THENCE, FROM THE POINT OF BEGINNING AND LEAVING SAID RIGHT OF WAY; N14°59'50"E A DISTANCE OF 385.49 FEET TO A ½" IRON PIPE FOUND; THENCE, N44°40'48"E A DISTANCE OF 627.61 FEET TO A ½" IRON REBAR FOUND; THENCE, N44°20'20"E A DISTANCE OF 100.84 FEET TO A ½" IRON REBAR FOUND; THENCE, N43°17'47"E A DISTANCE OF 38.44 FEET TO A ½" IRON PIPE FOUND; THENCE, S47°06'51"E A DISTANCE OF 19.86 FEET TO A ½" IRON REBAR FOUND; THENCE, N41°54'31"E A DISTANCE OF 102.96 FEET TO A ½" IRON REBAR FOUND; THENCE, N49°24'51"W A DISTANCE OF 29.97 FEET TO A ½" IRON REBAR FOUND; THENCE, N37°55'31"E A DISTANCE OF 203.13 FEET TO A ½" IRON PIPE FOUND; THENCE, S02°30'07"E A DISTANCE OF 45.47 FEET TO A ¾" IRON REBAR FOUND;

THE FOLLOWING SIX (6) CALLS ARE TIE LINES BETWEEN MONUMENTS FOUND ALONG SPRING BRANCH, THE PROPERTY LINE IS THE CENTERLINE OF SPRING BRANCH PER BOOK OF MAPS 2014 PAGE 1252 AND DEED BOOK 14676 PAGE 2397 OF THE WAKE COUNTY REGISTER OF DEEDS.

(1) THENCE, S08°52'57"W A DISTANCE OF 129.34 FEET TO A 1" IRON PIPE FOUND; (2) THENCE, S23°54'34"W A DISTANCE OF 228.46 FEET TO A ½" IRON REBAR FOUND; (3) THENCE, S23°01'43"W A DISTANCE OF 255.95 FEET TO A ½" IRON REBAR FOUND; (4) THENCE, S04°48'50"E A DISTANCE OF 120.99 FEET TO A CONCRETE MONUMENT FOUND; (5) THENCE, S06°14'41"E A DISTANCE OF 208.27 FEET TO A 1" IRON PIPE FOUND; (6) THENCE, S01°46'05"E A DISTANCE OF 161.81 FEET TO A BENT IRON REBAR FOUND; THENCE, S89°09'53"W A DISTANCE OF 400.13 FEET TO A ½" IRON REBAR FOUND; THENCE, S22°19'40"E A DISTANCE OF 129.00 FEET TO A COMPUTED POINT ON THE NORTHERN RIGHT OF WAY OF GOODWIN ROAD; THENCE, WITH SAID RIGHT OF WAY, N49°39'28"W A DISTANCE OF 31.97 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N60°33'32"W A DISTANCE OF 70.00 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N74°54'32"W A DISTANCE OF 48.00 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N84°34'32"W A DISTANCE OF 52.00 FEET TO A COMPUTED POINT; THENCE, S89°02'28"W A DISTANCE OF 115.90 FEET TO THE POINT OF BEGINNING.

THE DESCRIBED PARCEL CONTAINS 388,932 SQUARE FEET OR 8.93 ACRES, MORE OR LESS, BASED ON THE CENTERLINE OF SPRING BRANCH AS REFERENCED ABOVE.


Annexation #836
Cary-Apex Water Treatment Facility
American Tobacco Trail
Wizard Ln
Goodwin Rd
Flying Hawk Rd
Broken Yolk Trl
Apex Light Industrial
Arden at Summit Pines
Jenks Rd
Creekbird Rd
US 64 Hwy W
64
Sweetwater
0
500
1,000
Feet
September 2026
June 2026 Aerial
Photography Prepared by: Town of Apex Planning Department



CLASS OF SURVEY: A
POSITIONAL ACCURACY: 0.07'
TYPE OF GPS FIELD PROCEDURE: NC REAL TIME NETWORK
DATES OF SURVEY: MARCH 2023
DATUM/EPOCH: NAD83/NSRS2011/SPC
GEOID MODEL: 18
COMBINED GRID FACTOR(S): 0.999899559
UNITS: US SURVEY FEET

LEGEND

- EXISTING BOUNDARY CORNER FOUND
- COMPUTED POINT
- CONCRETE MONUMENT FOUND
- RETRACED BOUNDARY LINE
- RETRACED CENTERLINE CREEK
- BOUNDARY LINE BY DEED
- PROPERTY TIE LINE
- RIGHT OF WAY LINE
- PAVEMENT
- GRAVEL
- TOWN OF APEX CORPORATE LIMITS (PER WAKE COUNTY GIS)
- ANNEXATION PARCEL

EIP	EXISTING IRON PIPE
EIR	EXISTING IRON REBAR
DB	DEED BOOK
PG	PAGE
BM	BOOK OF MAPS
R/W	RIGHT OF WAY
POB	POINT OF BEGINNING
N/F	NOW OR FORMERLY
CC	CONTROL CORNER
(T)	TOTAL

CONTROL CORNER #1
1/2" EIP
N: 727,173.99'
E: 2,022,315.45'

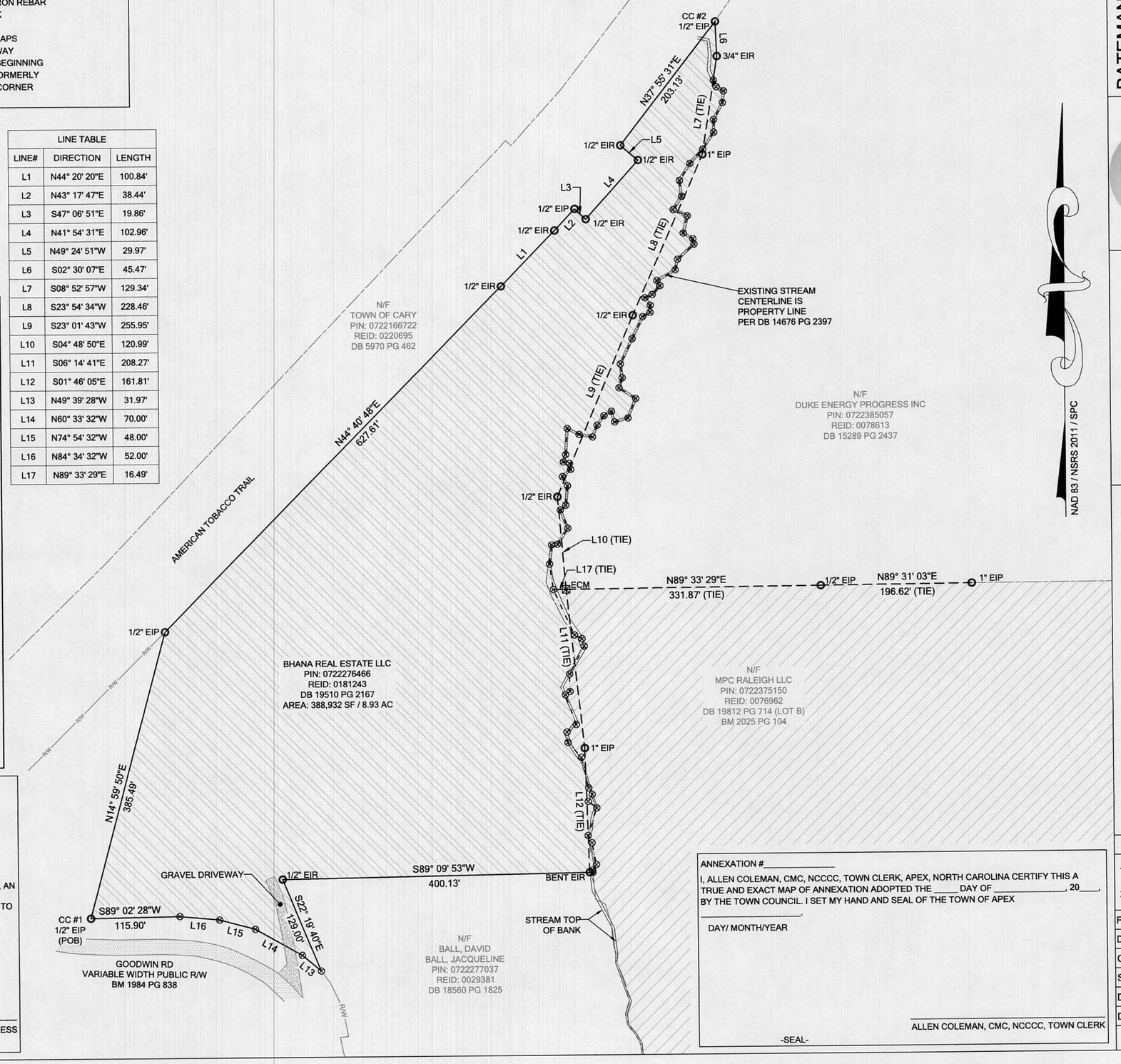
CONTROL CORNER #2
1/2" EIP
N: 728,335.56'
E: 2,023,138.79'

GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

NOTES

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY COMPANY UNDER THE SUPERVISION OF JOSHUA R. DAVIDSON, PLS.
2. ALL DISTANCE ARE HORIZONTAL GROUND DISTANCE AND ALL BEARINGS ARE BASED ON GPS OBSERVATIONS, NAD83 / NSRS 2011 / SPC, UNLESS OTHERWISE SHOWN.
3. PROPERTY LIES IN ZONE "X" PER NATIONAL INSURANCE PROGRAM FLOOD INSURANCE RATE MAP #3720072200K, DATED 07/19/2022.
4. SITE ZONED "R-80W" FOR WAKE COUNTY PER WAKE COUNTY GIS.
5. AREAS COMPUTED BY COORDINATE METHOD.
6. SURVEY PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT.
7. THE SOLE PURPOSE OF THIS PLAT IS TO ANNEX THE PARCEL WITH PIN# 0722276466 INTO THE APEX CORPORATE LIMITS. NOT ALL BUILDINGS OR STRUCTURES ARE SHOWN.

LINE TABLE		
LINE#	DIRECTION	LENGTH
L1	N44° 20' 20"E	100.84'
L2	N43° 17' 47"E	38.44'
L3	S47° 06' 51"E	19.86'
L4	N41° 54' 31"E	102.96'
L5	N49° 24' 51"W	29.97'
L6	S02° 30' 07"E	45.47'
L7	S08° 52' 57"W	129.34'
L8	S23° 54' 34"W	228.46'
L9	S23° 01' 43"W	255.95'
L10	S04° 48' 50"E	120.99'
L11	S06° 14' 41"E	208.27'
L12	S01° 46' 05"E	161.81'
L13	N49° 39' 28"W	31.97'
L14	N60° 33' 32"W	70.00'
L15	N74° 54' 32"W	48.00'
L16	N84° 34' 32"W	52.00'
L17	N89° 33' 29"E	16.49'



AS-SURVEYED LEGAL DESCRIPTION

PIN: 0722276466
REID: 0181243

BEING ALL OF THAT PARCEL OF LAND NOW OR FORMERLY OF GOODWIN ROAD LLC (PIN: 0722276466) AS DESCRIBED IN DEED BOOK 19510 AT PAGE 2167 OF THE WAKE COUNTY REGISTER OF DEEDS, LYING IN WHITE OAK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A ½" IRON PIPE FOUND ON THE NORTHERN RIGHT OF WAY OF GOODWIN ROAD, SAID IRON BEING THE TRUE POINT OF BEGINNING AND HAVING NORTH CAROLINA STATE PLANE COORDINATES OF N: 727,173.99' AND E: 2,022,315.45'; THENCE, FROM THE POINT OF BEGINNING AND ALONG SAID RIGHT OF WAY, N14°59'50"E A DISTANCE OF 385.49 FEET TO A ½" IRON PIPE FOUND; THENCE, LEAVING SAID RIGHT OF WAY N44°40'48"E A DISTANCE OF 627.61 FEET TO A ½" IRON REBAR FOUND; THENCE, N44°20'20"E A DISTANCE OF 100.84 FEET TO A ½" IRON REBAR FOUND; THENCE, N43°17'47"E A DISTANCE OF 38.44 FEET TO A ½" IRON PIPE FOUND; THENCE, S47°06'51"E A DISTANCE OF 19.86 FEET TO A ½" IRON REBAR FOUND; THENCE, N41°54'31"E A DISTANCE OF 102.96 FEET TO A ½" IRON REBAR FOUND; THENCE, N49°24'51"W A DISTANCE OF 29.97 FEET TO A ½" IRON REBAR FOUND; THENCE, N37°55'31"E A DISTANCE OF 203.13 FEET TO A ½" IRON PIPE FOUND; THENCE, S02°30'07"E A DISTANCE OF 45.47 FEET TO A ¾" IRON REBAR FOUND;

THE FOLLOWING SIX (6) CALLS ARE TIE LINES BETWEEN MONUMENTS FOUND ALONG SPRING BRANCH, THE PROPERTY LINE IS THE CENTERLINE OF SPRING BRANCH PER BOOK OF MAPS 2014 PAGE 1252 AND DEED BOOK 14676 PAGE 2397 OF THE WAKE COUNTY REGISTER OF DEEDS.

(1) S08°52'57"W A DISTANCE OF 129.34 FEET TO A 1" IRON PIPE FOUND; (2) THENCE, S23°54'34"W A DISTANCE OF 228.46 FEET TO A ½" IRON REBAR FOUND; (3) THENCE, S23°01'43"W A DISTANCE OF 255.95 FEET TO A ½" IRON REBAR FOUND; (4) THENCE, S04°48'50"E A DISTANCE OF 120.99 FEET TO A CONCRETE MONUMENT FOUND; (5) THENCE, S06°14'41"E A DISTANCE OF 208.27 FEET TO A 1" IRON PIPE FOUND; (6) THENCE, S01°46'05"E A DISTANCE OF 161.81 FEET TO A BENT IRON REBAR FOUND; THENCE, S89°09'53"W A DISTANCE OF 400.13 FEET TO A ½" IRON REBAR FOUND; THENCE, S22°19'40"E A DISTANCE OF 129.00 FEET TO A COMPUTED POINT ON THE NORTHERN RIGHT OF WAY OF GOODWIN ROAD; THENCE, WITH SAID RIGHT OF WAY, N49°39'28"W A DISTANCE OF 31.97 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N60°33'32"W A DISTANCE OF 70.00 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N74°54'32"W A DISTANCE OF 48.00 FEET TO A COMPUTED POINT; THENCE, CONTINUING WITH SAID RIGHT OF WAY, N84°34'32"W A DISTANCE OF 52.00 FEET TO A COMPUTED POINT; THENCE, S89°02'28"W A DISTANCE OF 115.90 FEET TO THE POINT OF BEGINNING.

THE DESCRIBED PARCEL CONTAINS 388,932 SQUARE FEET OR 8.93 ACRES, MORE OR LESS, BASED ON THE CENTERLINE OF SPRING BRANCH AS REFERENCED ABOVE.

I, JOSHUA R. DAVIDSON, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION(S) RECORDED SHOWN IN TITLE BLOCK); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND AS SHOWN HERE ON; THAT THE POSITIONAL ACCURACY IS < 0.10 AT A 95% CONFIDENCE LEVEL; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 23 DAY OF September, A.D., 2026.

I, FURTHER THAT IN ACCORDANCE WITH G.S. 47-30-F-11-C-1; CERTIFY THAT THE SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET. FOR THE PURPOSES OF THIS SUBSECTION, AN "EXISTING PARCEL" OR "EXISTING EASEMENT" IS AN AREA OF LAND DESCRIBED IN A SINGLE, LEGAL DESCRIPTION OR LEGALLY RECORDED SUBDIVISION THAT HAS BEEN OR MAY BE LEGALLY CONVEYED TO A NEW OWNER BY DEED IN ITS EXISTING CONFIGURATION.

NORTH CAROLINA PROFESSIONAL SEAL L-5350 LAND SURVEYOR JOSHUA ROBERT DAVIDSON

09/23/2026
JOSHUA R. DAVIDSON, PLS — DATE
NC LICENSE NO. L-5350

THIS MAP IS CONSIDERED PRELIMINARY, NOT FOR RECORDATION, CONVEYANCE OR SALES UNLESS SIGNED AND SEALED BY THE LICENSED SURVEYOR.

ANNEXATION #_____

I, ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK, APEX, NORTH CAROLINA CERTIFY THIS A TRUE AND EXACT MAP OF ANNEXATION ADOPTED THE _____ DAY OF _____, 20____, BY THE TOWN COUNCIL. I SET MY HAND AND SEAL OF THE TOWN OF APEX _____.

DAY/ MONTH/YEAR

ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK

-SEAL-

BATEMAN CIVIL SURVEY COMPANY
ENGINEERS • SURVEYORS • PLANNERS
2524 RELIANCE AVENUE, APEX, NC 27539
PHONE: (919) 577-1080 FAX: (919) 577-1081
INFO@BATEMANCIVILSURVEY.COM
NCBELS FIRM# C-2378

PROPERTY OWNER(S)
NAME: BHANA REAL ESTATE LLC
ADDRESS: 320 FLATROCK LN
HOLLY SPRINGS NC 27540-7418

SATELLITE ANNEXATION PLAT

(ANNEXING TO APEX CORPORATE LIMITS)
PARCEL ID NUMBER: 0722276466
AS RECORDED IN DEED BOOK 19510 PAGE 2167
ADDRESS: 1409 GOODWIN RD
WHITE OAK TOWNSHIP - WAKE COUNTY - NORTH CAROLINA

REVISIONS
1.
2.

FIELD CREW:	CF
DRAWN BY:	IRP
CHECKED BY:	JRD
SCALE:	1" = 100'
DATE:	06/25/2026
DRAWING #:	230095A

SHEET 1 OF 1

P:\2023 Projects\230095a - 1409 Goodwin Rd Annexation\SURVEY\DWG\230095a - 1409 Goodwin Rd Annexation.dwg, 7/14/2026 1:43:33 PM, DWG To PDF.pc3

PETITION FOR VOLUNTARY ANNEXATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Application #: 836 Submittal Date: 7-1-2026

Fee Paid $ 300.00 Check # CC

TO THE TOWN COUNCIL APEX, NORTH CAROLINA

1. We, the undersigned owners of real property, respectfully request that the area described in Part 4 below be annexed to the Town of Apex, ☒ Wake County, ☐ Chatham County, North Carolina.
2. The area to be annexed is ☒ contiguous, ☐ non-contiguous (satellite) to the Town of Apex, North Carolina and the boundaries are as contained in the metes and bounds description attached hereto.
3. If contiguous, this annexation will include all intervening rights-of-way for streets, railroads, and other areas as stated in G.S. 160A-31(f), unless otherwise stated in the annexation amendment.

OWNER INFORMATION

Bhana Real Estate LLC — Owner Name (Please Print)

0722-27-6466 — Property PIN or Deed Book & Page #

Phone

E-mail Address

Owner Name (Please Print)

Property PIN or Deed Book & Page #

Phone

E-mail Address

Owner Name (Please Print)

Property PIN or Deed Book & Page #

Phone

E-mail Address

SURVEYOR INFORMATION

Surveyor: Bateman Civil Survey Company

Phone: (919) 577-1080 Fax:

E-mail Address: josh@batemancivilsurvey.com

ANNEXATION SUMMARY CHART

Property Information		Reason(s) for annexation (select all that apply)	
Total Acreage to be annexed:	8.93	Need water service due to well failure	☐
Population of acreage to be annexed:	0	Need sewer service due to septic system failure	☐
Existing # of housing units:	0	Water service (new construction)	☑
Proposed # of housing units:	6	Sewer service (new construction)	☑
Zoning District*:	RR-CZ	Receive Town Services	☐

*If the property to be annexed is not within the Town of Apex's Extraterritorial Jurisdiction, the applicant must also submit a rezoning application with the petition for voluntary annexation to establish an Apex zoning designation. Please contact the Planning Department with questions.

PETITION FOR VOLUNTARY ANNEXATION

Application #: 836 Submittal Date: 7-1-2026

COMPLETE IF IN A LIMITED LIABILITY COMPANY

In witness whereof, BHANA REAL ESTATE a limited liability company, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the 26 day of June, 2026.

Name of Limited Liability Company BHANA REAL ESTATE LLC

By: Mandhar
Signature of Member/Manager

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Parminder S. Sandhar a Notary Public for the above State and County, this the 26 day of June, 2026.

Janet Spear
Notary Public

SEAL

Wake County, North Carolina
Notary Public
Janet Spear
My Commission Expires February 20, 2030

My Commission Expires: 2·20·30

COMPLETE IF IN A PARTNERSHIP

In witness whereof, _____, a partnership, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the _____ day of _____, 20_____.

Name of Partnership _____

By: _____
Signature of General Partner

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Michael Deaton, P.E., Special Projects Manager

Department(s): Administration

Requested Motion

Motion to award the construction contract to J. Cumby Construction and Town of Apex, for the construction of the Big Branch 2 Pump Station Project, and to authorize the Town Manager, or their designee, to execute the contract on behalf of the Town.

Approval Recommended?

Yes

Item Details

The Big Branch 2 Pump Station Project is a master-planned regional sewer solution providing 1.44 MGD of average day capacity to the 3,700-acre Big Branch Basin, including the proposed NC Children's Hospital. The work includes the installation of a new pump station and associated appurtenances, that will also help Apex and Cary maintain compliance with the 2015 Interbasin Transfer Certificate and allow for the abandonment of four (4) aging upstream pump stations.

On July 29, 2026, the Town opened nine (9) bids, with our design engineer (Hazen and Sawyer) recommending J. Cumby Construction as the lowest responsive, responsible bidder at $18,696,000. To better align with the project budget and as permitted by N.C.G.S 143-129(b), negotiations were entered into with J. Crumby Construction to make changes to the plans and specifications to bring a potential contract in line with available funds. Value-engineering reductions were negotiated with the contractor (see attached Post Bid Negotiation), resulting in a revised contract amount of $17,533,984. Sufficient funds are present in the overall capital project account to cover the reduced lump-sum contract amount. An awarded contract will include contract documents reflecting the changed plans and specifications described in the attached "Post Bid Negotiation" document.

Attachments

- CN6-A1: Recommendation of Award - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A2: Certified Bid Tabulation - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A3: J. Cumby Construction Bid Package - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A4: Post Bid Negotiation - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A5: Notice of Award (Not to be signed) - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A6: Contract Agreement (Not to be signed) - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project
- CN6-A7: Notice to Proceed (Not to be signed) - Construction Contract Award - J. Cumby Construction - Big Branch 2 Pump Station Project

Hazen and Sawyer
4011 WestChase Blvd, Suite 500, Raleigh, NC 27607

October 8, 2026

Mike Deaton, PE
Town of Apex
Water Resources
105-B Upchurch St.
Apex, NC 27502

Re: Recommendation of Award
Big Branch 2 Pump Station
Hazen & Sawyer Project No. 32044-004

Mr. Deaton:

We received nine (9) bids for the Project referenced above on July 29, 2026, as detailed in the attached official certified bid tabulation.

The lowest responsible bidder was J. Cumby Construction, Inc with a bid of $18,696,000. Following the bid opening, the Town negotiated with J. Cumby Construction due to the bid price exceeding the project budget. The reduction in scope of the project resulted in a reduction in the contract price to $17,533,984. Assuming the Town finds the negotiated price acceptable, we recommend that the Town award the project to J. Cumby Construction, Inc for revised price of $17,533,984.

If you have any questions or require additional information, please contact me at 919-863-1011 or *bporter@hazenandsawyer.com*.

Very truly yours,

HAZEN AND SAWYER

Brian Porter, P.E., PSAP
Senior Associate

CC: Faris Matar, H&S

CERTIFIED BID TABULATION SUMMARY
Big Branch 2 Pump Station
Town of Apex
BID DATE - Wedensday, July 29, 2026 @ 2:00 P.M.

#	CONTRACTOR	NC LICENSE NO.	BID SECURITY	RECEIPT OF ADDENDUM 1-3	TOTAL BID AMOUNT
1	State Utility Contractors Inc.	17793	5%	Y	$ 21,612,000.00
2	Terrahawk LLC	75880	5%	Y	$ 25,257,397.00
3	Conti Civil LLC	85751	5%	Y	$ 18,846,442.00
4	T.A. Loving Company	325	5%	Y	$ 22,154,800.00
5	Crowder Construction Company	2104	5%	Y	$ 19,972,057.00
6	Haren Construction Company	7770	5%	Y	$ 24,672,000.00
7	Carolina Civilworks Inc.	74658	5%	Y	$ 20,010,710.00
8	J. Cumby Construction	82136	5%	Y	$ 18,696,000.00
9	Busco Contractors	101731	5%	Y	$ 20,424,000.00

CERTIFICATION

The Bids tabulated herein were opened and read aloud at 2:00 p.m. on the 29th day of July 2026 at the Water Resources Admin. Building, 105-B Upchurch St., Apex, North Carolina, 27502.

Brian Y. Porter
2026.07.31 16:20:06-04'00'

NORTH CAROLINA PROFESSIONAL SEAL 33116 ENGINEER BRIAN Y. PORTER

Hazen

Hazen and Sawyer
4011 WestChase Blvd.
Raleigh, NC 27607
919-833-7152
Brian Porter, P.E.
Senior Associate

BIDDER'S CHECKLIST

This checklist shall be included as the first page of the submitted bidding documents. As outlined in article 7 of the Bid Form the following items shall be included with the submitted bidding documents:

	-	Properly Executed Bid Form (Including the acknowledgement of all Addenda)
	A.	Required Bid security in the form of a Bid Bond (EJCDC No. C-430) or Certified Check (circle type of security provided); Bid Bond shall be include an executed Power of Attorney.

BID FORM

Project: Big Branch 2 Pump Station

Bid From: J. Cumby Construction, Inc.

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ARTICLE 1 – BID RECIPIENT

1.01 This Bid is submitted to:

TOWN OF APEX
105-B UPCHURCH STREET
APEX, NC 27502

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 – BIDDER'S ACKNOWLEDGEMENTS

2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3 – BIDDER'S REPRESENTATIONS

3.01 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the following Addenda:

Addendum No.	Addendum, Date
1	6.23.2026
2	7.15.2026
3	7.24.2026

B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Bidder is familiar with and has satisfied itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations

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obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.

F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bidding Documents.

G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.

H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and confirms that the written resolution thereof by Engineer is acceptable to Bidder.

I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.

J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

K. Bidder will submit written evidence of its authority to do business in the state where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.01 Bidder certifies that:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation;

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;

C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and

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4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the e execution of the Contract.

ARTICLE 5 – BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Lump Sum Bid Price	$ 18,696,000.00

Bidder to include in other Bid item(s) the other costs (if any) associated with accepting such assignment and administering the assigned contract.

Total of All Lump Sums $ 18,696,000.00

EIGHTEEN MILLION SIX HUNDRED NINETY SIX THOUSAND DOLLARS + 00/100 CENTS

ARTICLE 6 – TIME OF COMPLETION

6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7 – ATTACHMENTS TO THIS BID

7.01 The following documents are submitted with and made a condition of this Bid. Failure to provide the documentation with the bid may be grounds for rejection of the bid.:

A. Required Bid security in the form of a Bid Bond (EJCDC No. C-430) or Certified Check (circle type of security provided).

B. In accordance with GS 64-26(a), Bidders shall submit the E-Verify Affidavit to document that the work authorization of their employees has been verified through E-Verify. The Affidavit shall also document that the Bidders subcontractors comply with E-Verify.

C. In accordance with GS 143C-6A(a), Bidders shall submit the Iran Divestment Act Certification to document that the bidder affirms that they are not on the State Treasurer's Final Divestment List. The Certification shall also document that the Bidders subcontractors and vendors are in compliance.

D. Submit the Bidder's Checklist as provided in the bidding documents with the bid submittal. The Checklist shall be completed and included as the first page of the submittal.

E. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids;

F. Contractor's License No.: 82136 **[or]** Evidence of Bidder's ability to obtain a State Contractor's License and a covenant by Bidder to obtain said license within the time for acceptance of Bids;

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CERTIFIED LIST OF MAJOR SUBCONTRACTORS

The Bidder, as part of the procedure for the submission of Bids on the Project, submits the following list of Major Subcontractors to be used in the performance of work to be done on said Project. Changes to this list after the Bid opening shall only be as approved by the Owner upon request by the Bidder or as required by the Owner based upon review of Bidder's submittals:

SUBCONTRACTOR	SUBCONTRACTOR'S NAME AND ADDRESS
PLUMBING:	HARE PLUMBING & MECHANICAL; FAYETTEVILLE, NC
HVAC:	ARNOLD SERVICE CO; FAYETTEVILLE, NC
ELECTRICAL:	BITINGO ELECTRIC; MORRISVILLE, NC
BLASTING:	MAINE DRILLING + BLASTING; GARDINER, ME

It is understood and agreed that, if awarded a Contract, the Bidder shall not make any additions, deletions or substitutions to this certified list without the consent of the Owner.

CERTIFICATION AFFIDAVIT

THE ABOVE INFORMATION IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER UNDERSTAND AND AGREE THAT, IF AWARDED A CONTRACT, THIS CERTIFICATION SHALL BE ATTACHED THERETO AND BECOME A PART THEREOF.

J. Comby Construction, Inc.
[If Bidder is not an individual, enter entity name here]

By: _____
(Signature)

NAME OF SIGNER: Justin Comby
(Please Print or Type)

TITLE OF SIGNER: President
(Please Print or Type)

DATE: 7/29/2026

BIDDER'S CHECKLIST

This checklist shall be included as the first page of the submitted bidding documents. As outlined in article 7 of the Bid Form the following items shall be included with the submitted bidding documents:

	-	Properly Executed Bid Form (Including the acknowledgement of all Addenda)
	A.	Required Bid security in the form of a Bid Bond (EJCDC No. C-430) or Certified Check (circle type of security provided); Bid Bond shall be include an executed Power of Attorney.

STATE OF NORTH CAROLINA

AFFIDAVIT

WAKE COUNTY

****

I, Justin Comby (the individual attesting below), being duly authorized by and on behalf of J. Comby Construction, Inc (the entity bidding on project hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
3. Employer is a person, business entity, or other organization that transacts business in this State and that employs 25 or more employees in this State. (mark Yes or No)
   a. YES _____, Employer complies with E-Verify, or
   b. NO _____
4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This 29th day of July, 2026

Signature of Affiant

Print or Type Name: Justin Comby

State of ~~North Carolina~~ Tennessee County of Putnam

Signed and sworn to (or affirmed) before me, this the 29th day of July, 2026

My Commission Expires: 9/20/28

Notary Public

(Affix Official / Notarial Seal)

WHITNEY HOLMAN
STATE OF TENNESSEE NOTARY PUBLIC
PUTNAM COUNTY

CERTIFICATION OF ELIGIBILITY
Under the Iran Divestment Act

Pursuant to G.S. 147-86.60, any company that is identified as engaging in investment activities in Iran, determined by appearing on the Final Divestment List created by the State Treasurer pursuant to G.S. 147C-86.58, is ineligible to contract with the State of North Carolina or any political subdivision of the State. The undersigned on behalf of the Bidder does hereby certify, to the following:

1. that the Bidder is not identified on the Final Divestment List of entities that the State Treasurer has determined engages in investment activities in Iran;
2. that the Bidder shall not utilize on any contract with the Town of Apex any subcontractor that is identified on the Final Divestment List; and
3. that the undersigned is authorized by the Bidder to make this Certification.

Bidder: J. Comby Construction, Inc

By: _____ 7-29-26
Signature Date

Justin Comby _____ President
Printed Name Title

G. Required Bidder Qualification Statement with supporting data; and

7.02 Bidder understands that if this Bid is accepted by the Owner, Bidder shall not substitute for the subcontractors named in the Bid Documents except as allowed in the Supplementary Conditions.

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

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ARTICLE 9 – BID SUBMITTAL

Contractor's License

A. Number: North Carolina - 82136

B. Classification: Building, Public Utilities

C. Limitation: Unlimited

Employer's Tax ID No.: 27-1381822

BIDDER: *[Indicate correct name of bidding entity]*

J. Cumby Construction, Inc.

Telephone Number: 931.526.5158

Fax Number: 931.526.5171

Contact Name and e-mail address: Justin Cumby

165 West Broad St. Cookeville, TN 38501

This Bid Submitted by:

An Individual

Name: _____
(Type or print)

By: _____
(Individual's Signature)

Doing Business As: _____
(Type or print)

A Partnership

Partnership Name: _____

The Organization and Internal Affairs of the Partnership are governed by the laws of the State of: _____

By: _____
(Signature of general partner, attach evidence of authority to sign)

Name: _____
(Type or print)

Title: _____
(Type or print)

Attest: _____
(Signature of Corporate Secretary)

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A Corporation

Corporation Name: J. Cumby Construction, Inc.

State of Incorporation: Tennessee

Type (General Business, Profession, Service, Limited Liability):
General Business

By: _____
(Signature, attach evidence of authority to sign)

Name: Justin Cumby
(Type or print)

Title: President
(Type or print)

Attest: _____ Corporate Seal
(Signature of Corporate Secretary)

Date of Qualification to do business in North Carolina is 4.15.2019.

Limited Liability Company – LLC

Name of LLC: _____

Name of State under whose Laws the Limited Liability Company was formed: _____

By: _____
(Signature of Manager)

Name: _____
(Type or print)

Title: _____
(Type or print)

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TOWN OF APEX

APEX, NORTH CAROLINA

BIG BRANCH 2 PUMP STATION

Post Bid Negotiation

General:

- Nine (9) bids for the Project referenced above on July 29, 2026 and the lowest responsible bidder was J. Cumby Construction, Inc (JCC) with a bid of $18,696,000. Following the bid opening, the Owner negotiated with JCC due to the bid price exceeding the project budget. This document describes the changes to be made to the plans, specifications, and Contract Documents to reflect the negotiated contract price of $17,533,984.00.
- The Value Engineering items that were accepted by the Owner are the following:
    - Removal of pumps SP-100 and SP-101 and their associated VFDs. This includes the discharge piping within the wet well and wiring associated with these pumps and drives. All electrical conduits and discharge piping and valves outside of the wet well will remain in the project.
    - Removal of the access road. The site will be accessed via the easement area that was cleared for the installation of the 20-inch force main and water main that was part of the Big Branch 1 Pump Station project. JCC will use the 12-foot gravel drive that will be constructed along the easement prior to Notice to Proceed. Upon completion of the project, JCC will restore the easement to seed/straw. Attachment 1 contains the revised grading plans.
- These changes will be reflected in the Contract Documents provided by the engineer prior to construction.
- Attachment 2 contains a letter from JCC outlining the pricing changes for these value engineering deletions from the project.
- All parties shall take note of these changes to be included in the Contract Documents, which shall become a part of and have precedence over anything contrarily shown or described in the Bid Documents.

J. Cumby Construction, Inc

_____

Company Name

_____

Acknowledgement of Receipt

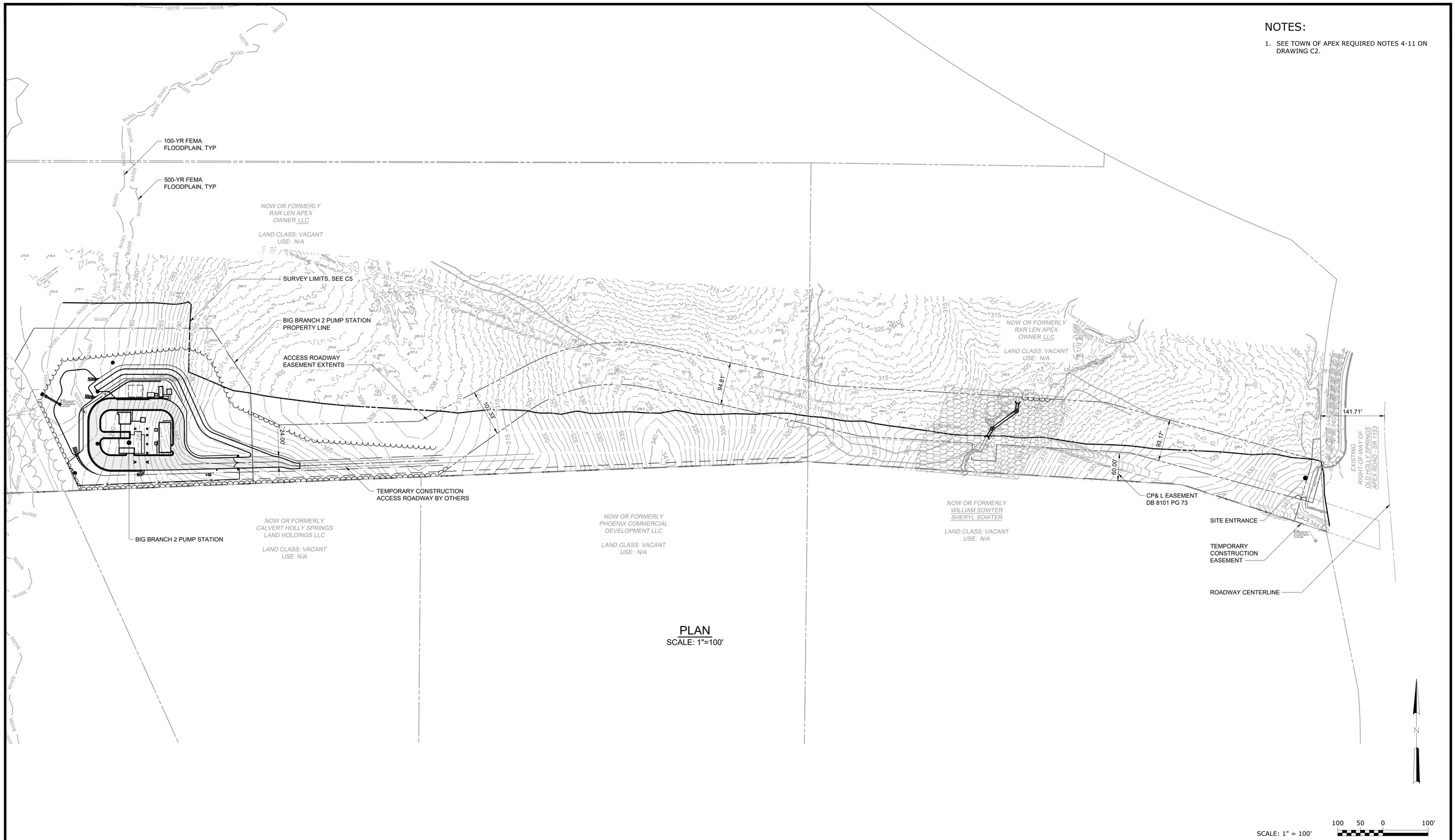
_____

Date

Post Bid Negotiation, Attachment 1

NOTES:

1. SEE TOWN OF APEX REQUIRED NOTES 4-11 ON DRAWING C2.



PLAN
SCALE: 1"=100'

REV	ISSUED FOR	DATE	BY
2	CONSTRUCTION	6/2026	BYP
1	REGULATORY REVIEW	11/2023	BYP

PROJECT ENGINEER:	B. PORTER
DESIGNED BY:	S. NASH
DRAWN BY:	S. NASH
CHECKED BY:	M. SANTOWASSO

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

FINAL DRAWINGS-ISSUED FOR CONSTRUCTION

Hazen

HAZEN AND SAWYER
4011 WESTCHASE BLVD. SUITE 500,
RALEIGH, NC 27607
LICENSE No.: C-0381

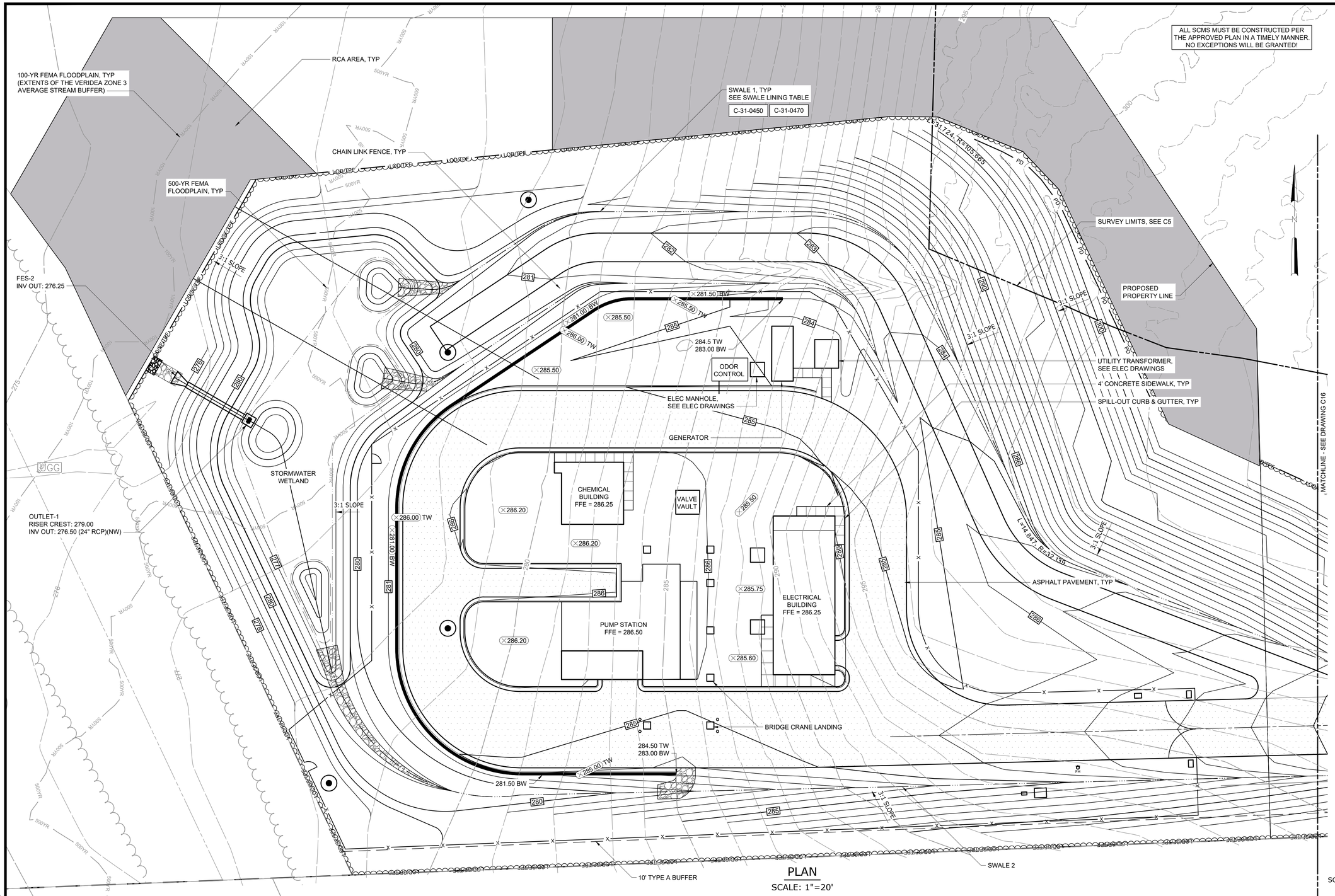
APEX NORTH CAROLINA

BIG BRANCH 2 PUMP STATION

CIVIL
OVERALL SITE PLAN

DATE:	JUNE 2026
HAZEN NO.:	32044-004
CONTRACT NO.:	1
DRAWING NUMBER:	C8

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\32044-004_BIG BRANCH 2 PUMP STATION AND PIPELINES\PROJECT FILES\CIVIL\C8 Saved by SNASH Save date: 9/28/2026 5:42 PM
PLOT DATE: 9/28/2026 5:47 PM BY: SNASH



ALL SCMS MUST BE CONSTRUCTED PER THE APPROVED PLAN IN A TIMELY MANNER. NO EXCEPTIONS WILL BE GRANTED!

NOTES:

1. SITE IS LOCATED WITHIN THE SECONDARY WATERSHED PROTECTION OVERLAY DISTRICT.
2. SEE TOWN OF APEX REQUIRED NOTES 5-8, 11-13 AND CONSTRUCTION SEQUENCE ON DRAWING C2.

TOWN OF APEX NOTES:

THE FOLLOWING MUST OCCUR PRIOR TO FINAL PLAT AND/OR CERTIFICATE OF OCCUPANCY (CO):

1. ALL STORMWATER CONTROL MEASURES (SCMs) MUST BE INSTALLED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DRAWINGS.
2. TOWN SOIL EROSION & SEDIMENTATION CONTROL STAFF SHALL BE NOTIFIED AT LEAST 10 DAYS PRIOR TO THE DEWATERING OF A SEDIMENT BASIN AS REQUIRED BY THE NCG01 PERMIT.
3. DURING THE SCM CONVERSION PROCESS, ALL EFFORTS SHALL BE MADE TO PROTECT DOWNSTREAM WATERS. THE DRAIN VALVE SHALL NOT BE LEFT OPEN AT ANY TIME DURING SCM CONVERSION. A SKIMMER DRAWDOWN SYSTEM SHALL BE INSTALLED AN UTILIZED UNTIL THE SCM IS FULLY CONVERTED.
4. THE DESIGN ENGINEER MUST SUBMIT AN AS-BUILT PACKAGE WHICH MEETS ALL REQUIREMENTS PRESENTED IN THE TOWN SPEC BOOK INCLUDING A SIGNED AND SEALED CERTIFICATION STATEMENT.
5. FOR SUBDIVISIONS ONLY, A 25% MAINTENANCE GUARANTEE IS REQUIRED TO BE SUBMITTED TO JEAN WEATHERMAN IN DEVELOPMENT SERVICES AT (919) 249-3394.
6. THE APPROPRIATE EXECUTED SCM O&M AGREEMENT MUST BE RECORDED WITH DEVELOPMENT SERVICES.
7. A FINAL INSPECTION BY THE STORMWATER & UTILITY ENGINEERING STAFF SHALL BE CONDUCTED ONCE THE AS BUILT SUBMITTAL HAS BEEN RECEIVED. ONCE APPROVED, STAFF WILL SEND AN OFFICIAL SCM APPROVAL LETTER TO THE OWNER.
8. IN LIEU OF SCM COMPLETION AND FINAL APPROVAL BY STAFF, THE TOWN MAY ACCEPT A 125% PERFORMANCE GUARANTEE IN ACCORDANCE WITH UDO SECTION 6.1.12(G). THIS GUARANTEE WILL BE COLLECTED BY JEAN WEATHERMAN IN DEVELOPMENT SERVICES AT (919) 249-3394.
9. ALL SCMs ARE REQUIRED TO BE COMPLETED FINAL CO (FOR A SITE PLAN) OR BY FINAL PLAT (FOR A SUBDIVISION).
10. IF AN SCM COUNTS TOWARDS RCA, THE REQUIRED LANDSCAPING SHALL BE INSTALLED DURING THE APPROPRIATE GROWING SEASON AND COORDINATED WITH THE TOWN ZONING COMPLIANCE OFFICER AT (919) 249-3426.

SWALE LINING TABLE		
MINIMUM SHEAR STRESS REQ.		
SWALE I.D	TEMPORARY LINING	PERMANENT LINING
SWALE '1'	2.0 LB/FT^2	N/A
SWALE '2'	N/A	3.0 LB/FT^2

PLAN
SCALE: 1"=20'

SCALE: 1" = 20' 20 10 0 20'

REV	ISSUED FOR	DATE	BY
3	CONSTRUCTION	6/2026	BYP
2	REGULATORY REVIEW	06/2024	BYP
1	REGULATORY REVIEW	11/2023	BYP

PROJECT ENGINEER: B. PORTER
DESIGNED BY: S. NASH
DRAWN BY: S. NASH
CHECKED BY: M. SANTOWASSO

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

FINAL DRAWINGS-ISSUED FOR CONSTRUCTION

Hazen
HAZEN AND SAWYER
4011 WESTCHASE BLVD. SUITE 500,
RALEIGH, NC 27607
LICENSE No.: C-0381

APEX NORTH CAROLINA

BIG BRANCH 2
PUMP STATION

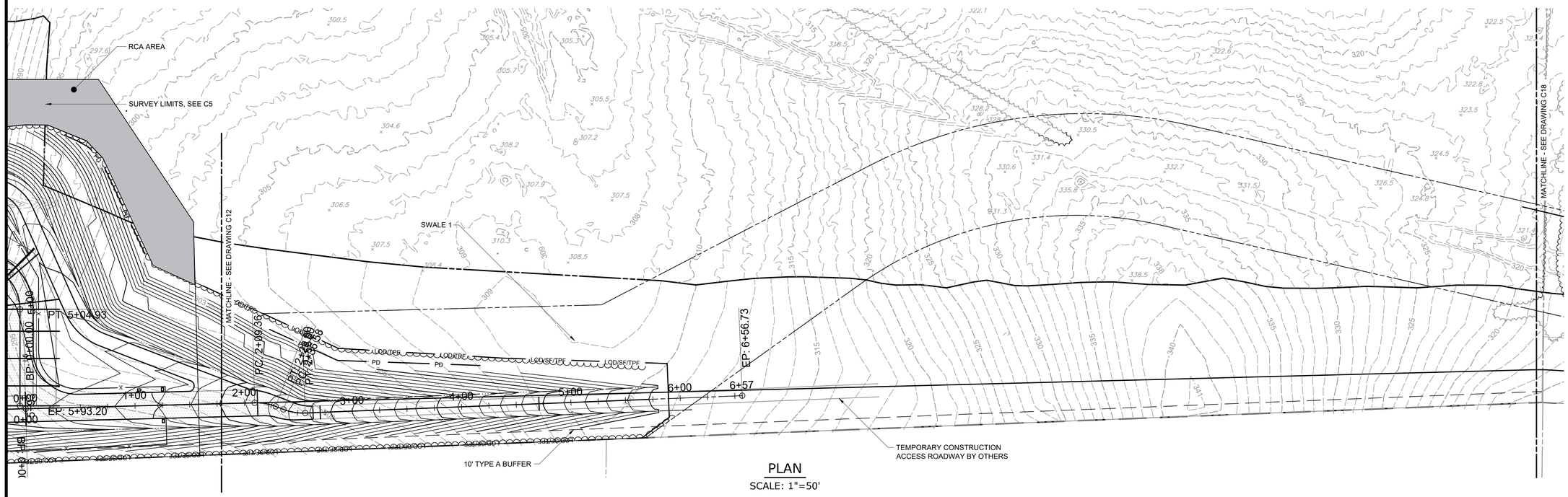
CIVIL
GRADING AND DRAINAGE
PLAN

DATE: JUNE 2026
HAZEN NO.: 32044-004
CONTRACT NO.: 1
DRAWING NUMBER: C12

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\32044-004_BIG BRANCH 2 PUMP STATION AND PIPELINES\PROJECT FILES\CIVIL\C12 Saved by SNASH Save date: 6/10/2026 5:24 PM
PLOT DATE: 9/28/2026 5:47 PM BY: SNASH

NOTES:

1. SEE DRAWINGS C15-C16 FOR ROADWAY PROFILE.
2. THIS PROJECT MEETS THE SPIRIT AND INTENT OF SECTION E-5 IN NCDEQ'S SCM MANUAL FOR PUBLIC LINEAR TRANSPORTATION PROJECTS, THEREFORE THE PROJECT IMPLEMENTS THE NCDOT BMP TOOLBOX TO TREAT STORMWATER TO THE MEP.



PLAN
SCALE: 1"=50'

LINE TABLE: LOOP RD		
LINE #	LENGTH	DIRECTION
L1	39.84'	S 88° 31' 05" W
L2	114.33'	N 90° 00' 00" W
L3	59.00'	N 00° 00' 00" E
L4	107.98'	N 90° 00' 00" E
L5	88.27'	S 00° 00' 00" E

CURVE TABLE: LOOP RD						
CURVE #	PI	DELTA	EXTERNAL TANGENT	LENGTH	RADIUS	CHORD DIRECTION
C1	N: 705205.942 E: 2038065.484	090.000	38.000	59.69'	38.00'	N 45° 00' 00" W
C2	N: 705339.942 E: 2038065.484	090.000	37.000	58.12'	37.00'	N 45° 00' 00" E
C3	N: 705339.942 E: 2038252.464	090.000	42.000	65.97'	42.00'	S 45° 00' 00" E

SCALE: 1" = 50' 50 25 0 50'

REV	ISSUED FOR	DATE	BY
2	CONSTRUCTION	6/2026	BYP
1	REGULATORY REVIEW	11/2023	BYP

PROJECT ENGINEER: B. PORTER
DESIGNED BY: S. NASH
DRAWN BY: S. NASH
CHECKED BY: M. SANTOWASSO
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE 0 1/2" 1"

FINAL DRAWINGS-ISSUED FOR CONSTRUCTION

Hazen
HAZEN AND SAWYER
4011 WESTCHASE BLVD. SUITE 500,
RALEIGH, NC 27607
LICENSE No.: C-0381

APEX NORTH CAROLINA

BIG BRANCH 2
PUMP STATION

CIVIL
ROADWAY PLAN - SHEET 1

DATE: JUNE 2026
HAZEN NO.: 32044-004
CONTRACT NO.: 1
DRAWING NUMBER: C17

File: C:_DC\ACCDOCS\HAZEN AND SAWYER\32044-004_BIG BRANCH 2 PUMP STATION AND PIPELINES\PROJECT FILES\CIVIL\C17 Saved by SNASH Save date: 6/10/2026 5:27 PM
PLOT DATE: 9/28/2026 5:47 PM BY: SNASH

Post Bid Negotiation, Attachment 2

J. Cumby Construction, Inc.
Water ● Wastewater ● Commercial ● Industrial

October 07, 2026
Mr. Brian Porter, PE, PSAP
Hazen and Sawyer
4011 WestChase Blvd.
Raleigh, NC 27407

RE: Big Branch 2 Pump Station – Value Engineering Options Pricing Estimate

Dear Brian:

J. Cumby Construction, Inc ("JCC") is in receipt of the E-mail, dated 9/2/2026, requesting pricing estimates on the removal of the access road and associated work as well as for removal of pumps SP-100 and SP-101 and their associated VFDs and wiring. Also received are revised plan sheets C8, C12, & C17. JCC is pleased to provide the following proposal for an addended contract amount to reflect the revised scope.

- Removal of the access road and associated erosion control, stabilization, and creek crossing:
  - -$349,350 = Grading deducts.
  - -$370,517 = Paving deducts.
  - -$42,936 = Stream crossing & culvert deducts.
  - -$113,547 = Landscaping deducts.
- Removal of the 2 pumps and VFDs:
  - -$147,900 = 2ea Pumps deducts.
  - -$16,490 = 2ea Pump riser piping and fittings.
  - -$121,276 = 2ea VFDs deducts.

JCC estimates these changes to save One Million, One Hundred Sixty-Two Thousand, and Sixteen Dollars ($1,162,016.00).

Should you have any questions, please call me at 931-526-5158. JCC looks forward to the opportunity to provide formal pricing for this project.

Sincerely,

J. Cumby Construction, Inc

Joey Spite
Project Manager

165 W. Broad St., Cookeville, Tenn 931.526.5158(P) • 931.526.5171(F)
www.jcumbyconstruction.com

EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

NOTICE OF AWARD

Date of Issuance: October 20, 2026

Owner: Town of Apex

Owner's Contract No.: 420-9275-W1217

Engineer: Hazen and Sawyer

Engineer's Project No.: 32044-004

Project: Big Branch 2 Pump Station

Contract Name: Big Branch 2 Pump Station

Bidder: J. Cumby Construction, Inc

Bidder's Address: 165 W Broad Street, Cookeville, TN 38501

TO BIDDER:

You are notified that Owner has accepted your Bid dated July 29th, 2026 for the above Contract, and that you are the Successful Bidder and are awarded a Contract for:

Big Branch 2 Pump Station.
The Contract Price of the awarded Contract is: $ 17,533,984.00.

[4] unexecuted counterparts of the Agreement accompany this Notice of Award, and one copy of the Contract Documents accompanies this Notice of Award, or has been transmitted or made available to Bidder electronically.

☒ a set of the Drawings will be delivered separately from the other Contract Documents.

You must comply with the following conditions precedent within 15 days of the date of receipt of this Notice of Award:

1. Deliver to Owner [4] counterparts of the Agreement, fully executed by Bidder.
2. Deliver with the executed Agreement(s) the Contract security *[e.g., performance and payment bonds]* and insurance documentation as specified in the Instructions to Bidders and General Conditions, Articles 2 and 6.
3. Other conditions precedent (if any):

Failure to comply with these conditions within the time specified will entitle Owner to consider you in default, annul this Notice of Award, and declare your Bid security forfeited.

Within ten days after you comply with the above conditions, Owner will return to you one fully executed counterpart of the Agreement, together with any additional copies of the Contract Documents as indicated in Paragraph 2.02 of the General Conditions.

Owner: Town of Apex
Authorized Signature

By: _____

Title: _____

Copy: Engineer

Acceptance of Notice

Receipt of the above Notice of Award is hereby acknowledged by _____

this the _____ day of _____, 20___.

By:_____Title:_____

AGREEMENT
BETWEEN OWNER AND CONTRACTOR
FOR CONSTRUCTION CONTRACT (STIPULATED PRICE)

THIS AGREEMENT is by and between Town of Apex ("Owner") and

J. Cumby Construction, Inc ("Contractor").

Owner and Contractor hereby agree as follows:

ARTICLE 1 – WORK

1.01 Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows: Big Branch 2 Pump Station

ARTICLE 2 – THE PROJECT

2.01 The Project, of which the Work under the Contract Documents is a part, is generally described as follows: Big Branch 2 Pump Station

ARTICLE 3 – ENGINEER

3.01 The part of the Project that pertains to the Work has been designed by Hazen and Sawyer.

3.02 Indicate the applicable provision:

[ ] Owner has designated the individual or department identified in Paragraph 3.01 of this Agreement as the Engineer ("Engineer") on the Project. Contractor acknowledges that the Engineer identified in this Article is an internal employee, or department comprised of staff of the Owner, and accepts that arrangement and the decision-making and interpretive authority of the Engineer as detailed in the Contract Documents.

[X] The Owner has retained Hazen and Sawyer ("Engineer") to act as Owner's representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time of the Essence*

A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Contract Times: Days*

A. The Work will be substantially completed within 550 days after the date when the Contract Times commence to run as provided in Paragraph 4.01 of the General Conditions, and completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions within 580 days after the date when the Contract Times commence to run.

B. Parts of the Work shall be substantially completed on or before the following Milestone(s):

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1. Milestone 1

    a. Installation of 20-inch force main piping and appurtenances with 460 days after the date when the Contract Times commence to run.

4.03 *Liquidated Damages*

A. Contractor and Owner recognize that time is of the essence as stated in Paragraph 4.01 above and that Owner will suffer financial and other losses if the Work is not completed and Milestones not achieved within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with the Contract. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty):

1. Substantial Completion: Contractor shall pay Owner $750.00 for each day that expires after the time (as duly adjusted pursuant to the Contract) specified in Paragraph 4.02.A above for Substantial Completion until the Work is substantially complete.

2. Completion of Remaining Work: After Substantial Completion, if Contractor shall neglect, refuse, or fail to complete the remaining Work within the Contract Times (as duly adjusted pursuant to the Contract) for completion and readiness for final payment, Contractor shall pay Owner $750.00 for each day that expires after such time until the Work is completed and ready for final payment.

3. Liquidated damages for failing to timely attain Substantial Completion and final completion are not additive and will not be imposed concurrently.

4. Milestones: Contractor shall pay Owner $750.00 for each day that expires after the time (as duly adjusted pursuant to the Contract) specified above for achievement of Milestone 1, until Milestone 1 is achieved.

ARTICLE 5 – CONTRACT PRICE

5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the amounts that follow, subject to adjustment under the Contract:

A. All specific cash allowances are included in the above price in accordance with Paragraph 13.02 of the General Conditions.

B. Total of Unit Price Work $__17,533,984.00_____.

C. All Work, at the prices stated in Contractor's Bid, is attached hereto as an exhibit.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

A. Contractor shall submit Applications for Payment in accordance with Article 15 of the General Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment on or about the 25th day of each month during

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performance of the Work as provided in Paragraph 6.02.A.1 below, provided that such Applications for Payment have been submitted in a timely manner and otherwise meet the requirements of the Contract. All such payments will be measured by the Schedule of Values established as provided in the General Conditions (and in the case of Unit Price Work based on the number of units completed) or, in the event there is no Schedule of Values, as provided elsewhere in the Contract.

1. Prior to Substantial Completion, progress payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as Owner may withhold, including but not limited to liquidated damages, in accordance with the Contract

   a. 95 percent of Work completed (with the balance being retainage). If the Work has been 50 percent completed as determined by Engineer, and if the character and progress of the Work have been satisfactory to Owner and Engineer, then as long as the character and progress of the Work remain satisfactory to Owner and Engineer, there will be no additional retainage; and

   b. 95 percent of cost of materials and equipment not incorporated in the Work (with the balance being retainage).

B. Upon Substantial Completion, Owner shall pay an amount sufficient to increase total payments to Contractor to 100 percent of the Work completed, less such amounts set off by Owner pursuant to Paragraph 15.01.E of the General Conditions, and less 200 percent of Engineer's estimate of the value of Work to be completed or corrected as shown on the punch list of items to be completed or corrected prior to final payment.

6.03 *Final Payment*

A. Upon final completion and acceptance of the Work in accordance with Paragraph 15.06 of the General Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 15.06.

ARTICLE 7 – INTEREST

7.01 Interest on final payments due to prime contracts shall accrue in accordance with North Carolina General Statute 143-134.1.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

8.01 In order to induce Owner to enter into this Contract, Contractor makes the following representations:

A. Contractor has examined and carefully studied the Contract Documents, and any data and reference items identified in the Contract Documents.

B. Contractor has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

C. Contractor is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.

D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to

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existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.

E. Contractor has considered the information known to Contractor itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; and the Site-related reports and drawings identified in the Contract Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor; and (3) Contractor's safety precautions and programs.

F. Based on the information and observations referred to in the preceding paragraph, Contractor agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.

H. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

J. Contractor's entry into this Contract constitutes an incontrovertible representation by Contractor that without exception all prices in the Agreement are premised upon performing and furnishing the Work required by the Contract Documents.

ARTICLE 9 – CONTRACT DOCUMENTS

9.01 *Contents*

A. The Contract Documents consist of the following:

1. This Agreement (pages 1 to 8, inclusive).
2. Performance bond (pages 1 to 3, inclusive).
3. Payment bond (pages 1 to 3, inclusive).
4. Power of Attorney (pages 1 to 1, inclusive).
5. Certificate of Insurance (pages ___ to ___, inclusive).
6. General Conditions (pages i to 66, inclusive).
7. Supplementary Conditions (pages i to 20, inclusive).
8. Specifications as listed in the table of contents of the Project Manual.
9. Drawings (not attached but incorporated by reference) consisting of 142 sheets with each sheet bearing the following general title: Big Branch 2 Pump Station.

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10. Addenda (numbers 1 to 3, inclusive).

11. Exhibits to this Agreement (enumerated as follows):

    a. Contractor's Bid (pages i to 6, inclusive).

    b. Notice of Award (pages 1 to 1, inclusive).

    c. Documentation submitted by Contractor prior to Notice of Award.

    d. Affidavits.

12. The following which may be delivered or issued on or after the Effective Date of the Contract and are not attached hereto:

    a. Notice to Proceed.

    b. Work Change Directives.

    c. Change Orders.

B. The documents listed in Paragraph 9.01.A are attached to this Agreement (except as expressly noted otherwise above).

C. There are no Contract Documents other than those listed above in this Article 9.

D. The Contract Documents may only be amended, modified, or supplemented as provided in the General Conditions.

ARTICLE 10 – MISCELLANEOUS

10.01 *Terms*

A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.02 *Assignment of Contract*

A. Unless expressly agreed to elsewhere in the Contract, no assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, money that may become due and money that is due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 *Successors and Assigns*

A. Owner and Contractor each binds itself, its successors, assigns, and legal representatives to the other party hereto, its successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04 *Severability*

A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid

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and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 *Contractor's Certifications*

A. Contractor certifies that it has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for or in executing the Contract. For the purposes of this Paragraph 10.05:

1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process or in the Contract execution;

2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process or the execution of the Contract to the detriment of Owner, (b) to establish Bid or Contract prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish Bid prices at artificial, non-competitive levels; and

4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

10.06 E-Verify

A. Contractor hereby acknowledges that "E-Verify" is the federal E-Verify program operated by the US Department of Homeland Security and other federal agencies which is used to verify the work authorization of newly hired employees pursuant to federal law and in accordance with Article 2, Chapter 64 of the North Carolina General Statutes. Contractor further acknowledges that all employers, as defined by Article 2, Chapter 64 of the North Carolina General Statutes, must use E-Verify and after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS §64-26(a). Contractor hereby pledges, attests and warrants through execution of this Agreement that Contractor complies with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes and further pledges, attests and warrants that any subcontractors currently employed by or subsequently hired by Contractor shall comply with any and all E-Verify requirements. Failure to comply with the above requirements shall be considered a breach of this Agreement.

10.07 Iran Divestment Act Certification

A. N.C.G.S. 147-86.60 prohibits the State of North Carolina, a North Carolina local government, or any other political subdivision of the State of North Carolina from contracting with any entity that is listed on the Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 147-86.58. N.C.G.S. 147-86.59 further requires that contractors with the State, a North Carolina local government, or any other political subdivision of the State of North Carolina must not utilize any subcontractor found on the State Treasurer's Final Divestment List. As of the date of execution of this Agreement Contractor hereby certifies that it is not listed on the Final Divestment List created by the North Carolina State Treasurer and that Contractor will not utilize any subcontractors found on the Final Divestment List.

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10.08 Anti-Human Trafficking

A. The Contractor warrants and agrees that no labor supplied by the Contractor or the Contractor's subcontractors in the performance of this Agreement shall be obtained by means of deception, coercion, intimidation or force, or otherwise in violation of North Carolina law, specifically Article 10A, Subchapter 3 of Chapter 14 of the North Carolina General Statutes, Human Trafficking.

10.09 Non-discrimination

A. Pursuant to Section 3-2 of the Town of Apex Code of Ordinances, Contractor hereby warrants and agrees that it will not discriminate against a protected class in employment, subcontracting practices, or the solicitation or hiring of vendors, suppliers, or commercial customers in connection with this Agreement. For the purposes of this Agreement "protected class" includes age, race, religious belief or non-belief, ethnicity, color, national origin, creed, sex, sexual orientation, gender identity, marital status, natural hair style, genetic information, pregnancy, familial status, disability, veteran or military status, or disabled veteran status.

10.10 Electronic Signature

A. Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this Agreement and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The Parties hereby consent to use electronic or digitized signatures in accordance with the Town of Apex's Electronic Signature Policy and intend to be bound by the Agreement and any related documents. If electronic signatures are used the Agreement shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

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IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement.

This Agreement will be effective on _____ (which is the Effective Date of the Contract).

OWNER: Town of Apex

By: Randal E. Vosburg

Signature: _____

Title: Town Manager

_____

_____

Address for giving notices:

P.O. Box 250

Apex, NC 27502-0250

_____

CONTRACTOR:_____

By: _____

Signature: _____

Title: _____

(If Contractor is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____

Title: _____

Address for giving notices:

_____

_____

_____

License No.: _____
(where applicable)

If Contractor is a corporation, partnership, or joint venture, attach evidence of authority to sign.

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

_____
Jonathan Griffin, Finance Director

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EJCDC
ENGINEERS JOINT CONTRACT DOCUMENTS COMMITTEE

NOTICE TO PROCEED

Owner: Town of Apex	Owner's Contract No.: 420-9275-W1217
Contractor: J. Cumby Construction	Contractor's Project No.:
Engineer: Hazen and Sawyer	Engineer's Project No.: 32044-004
Project: Big Branch 2 Pump Station	Contract Name: Big Branch 2 Pump Station
	Effective Date of Contract: November 16, 2026

TO CONTRACTOR:

Owner hereby notifies Contractor that the Contract Times under the above Contract will commence to run on ____November 16_____, 2026. *[see Paragraph 4.01 of the General Conditions]*

On that date, Contractor shall start performing its obligations under the Contract Documents. No Work shall be done at the Site prior to such date. In accordance with the Agreement, the number of days to achieve Substantial Completion is ____550_____, and the number of days to achieve readiness for final payment is _____580_____.

Before starting any Work at the Site, Contractor must comply with the following:

Owner: Town of Apex

Authorized Signature

By: _____

Title: _____

Date Issued: _____

Copy: Engineer

Acceptance of Notice

Receipt of the Notice of Proceed is hereby acknowledged by _____

this the _____ day of _____, 20___.

By:_____

Title:_____

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Motion to approve, as submitted or amended, Meeting Minutes from the following meetings:

- August 13, 2026 – Town Council Work Session Meeting Minutes
- August 18, 2026 – Town Council Work Session Meeting Minutes

Approval Recommended?

The Town Clerk recommends the Town Council approve the meeting minutes as presented or amended.

Item Details

In accordance with 160A-72 of North Carolina General Statues (NCGS), the Governing Board has the legal duty to approve all minutes that are entered into the official journal of the Board's proceedings.

Attachments

- CN7-A1: **DRAFT** Minutes – August 13, 2026 – Town Council Work Session Meeting Minutes
- CN7-A2: **DRAFT** Minutes - August 18, 2026 – Town Council Work Session Meeting Minutes

DRAFT MINUTES

TOWN OF APEX
TOWN COUNCIL WORK SESSION
THURSDAY, AUGUST 13, 2026
3:30 P.M.

The Apex Town Council following a dully noticed public meeting met for a regularly scheduled work session on Thursday, August 13, 2026 at 3:30 p.m. at the Apex Town Hall located at 73 Hunter Street in Apex North Carolina.

This meeting was open to the public. Members of the public were able to attend this meeting in-person or watch online via the livestream on the Town's YouTube Channel: https://www.youtube.com/watch?v=3rFJ7bEC7Yk

[ATTENDANCE]

Elected Body

Mayor Jacques K. Gilbert (presiding)
Councilmember Ed Gray
Councilmember Arno Zegerman
Councilmember Shane Reese
Councilmember Sue Mu
Absent: Mayor Pro-Tempore Terry Mahaffey

Town Staff

Town Manager Randy Vosburg
Deputy Town Manager Shawn Purvis
Assistant Town Manager Demetria John
Assistant Town Manager Marty Stone
Interim Town Attorney Brian Meyer
Town Clerk Allen Coleman

All other staff members will be identified appropriately below.

[CALL TO ORDER I PLEDGE OF ATTENDANCE]

Mayor Gilbert called the meeting to order at 3:30 p.m., welcomed everyone, and led everyone in the pledge of allegiance.

A **motion** was made by **Councilmember Gray,** seconded by **Councilmember Mu,** to remove items 4 and 5 from the agenda.

VOTE: UNANIMOUS (4-0), with Mayor Pro-Tempore Mahaffey absent.

[PARKS PROJECTS UPDATE]

Town Manager Vosburg said there was a lot to cover, and he turned it over to the Parks, Recreation, and Cultural Resources Department.

Director Craig Setzer thanked two Parks and Recreation Advisory Board members in attendance, Nick Vosburg and Rob Baber, as well as other staff in attendance. He noted Assistant Director Angela Reincke and Parks Planning Manager Shweta Nanekar would be giving the following presentation:

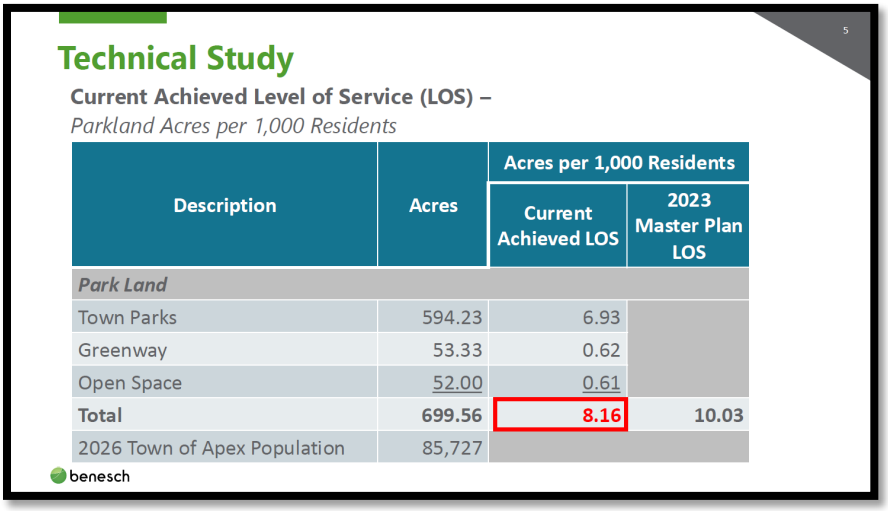
[SLIDE 1]

[SLIDE 2]

[SLIDE 3]

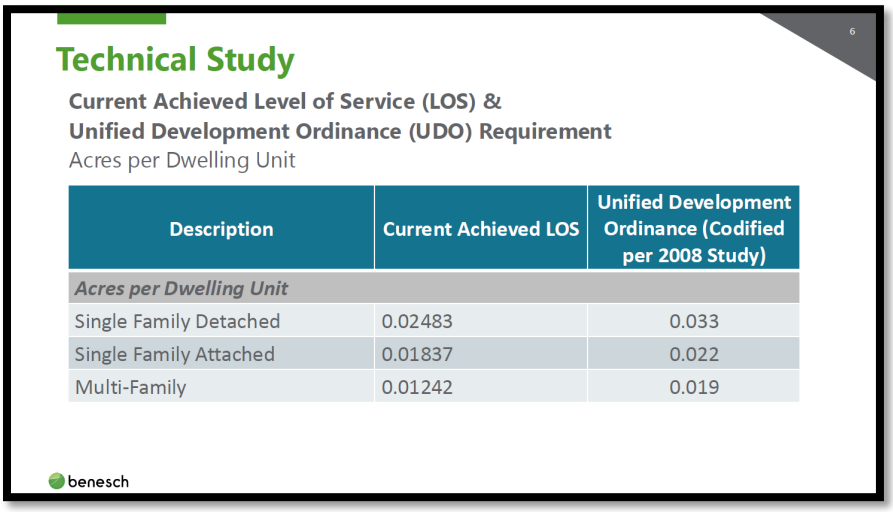
[SLIDE 4]

[SLIDE 5]



Description	Acres	Acres per 1,000 Residents	
		Current Achieved LOS	2023 Master Plan LOS
Park Land			
Town Parks	594.23	6.93	
Greenway	53.33	0.62	
Open Space	52.00	0.61	
Total	**699.56**	**8.16**	**10.03**
2026 Town of Apex Population	85,727		

[SLIDE 6]



Description	Current Achieved LOS	Unified Development Ordinance (Codified per 2008 Study)
Acres per Dwelling Unit		
Single Family Detached	0.02483	0.033
Single Family Attached	0.01837	0.022
Multi-Family	0.01242	0.019

Councilmember Zegerman asked how many more acres were needed to get to the level of service for the master plan.

Assistant Director Reincke said that it varies, and the number changes with population.

Councilmember Zegerman said it seems like the Town is already behind about 140 acres from its goal for level of service in the previous master plan.

Assistant Director Reincke said that had included an assumption of buying more land.

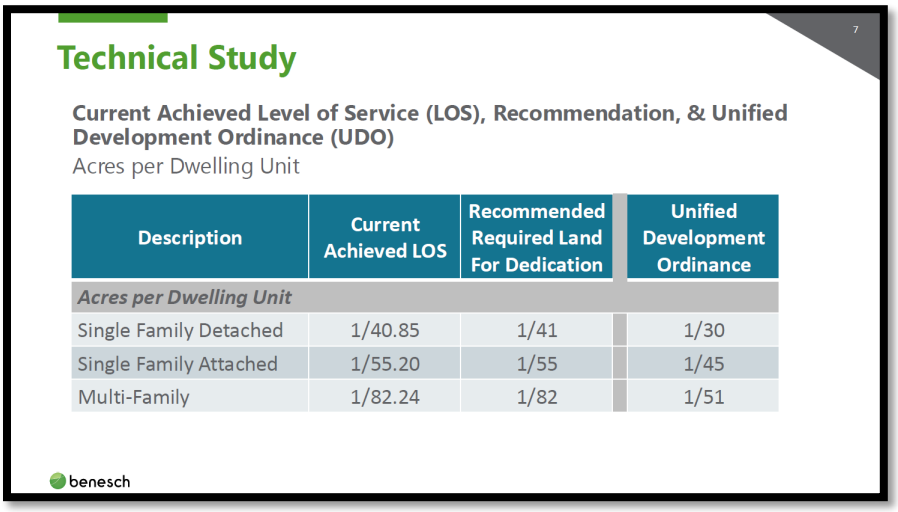
Councilmember Zegerman asked if the 700 acres included undeveloped parkland.

Assistant Director Reincke said it included undeveloped land.

Councilmember Gray asked how to capture things like events at the Halle, services in the youth program, and other things. He wondered if there was a way to account for that in the calculation of service.

Assistant Director Reincke said it wasn't included in this framework. She said this was for a land dedication ordinance, so it needed to be based in acreage.

[SLIDE 7]



Description	Current Achieved LOS	Recommended Required Land For Dedication	Unified Development Ordinance
Acres per Dwelling Unit			
Single Family Detached	1/40.85	1/41	1/30
Single Family Attached	1/55.20	1/55	1/45
Multi-Family	1/82.24	1/82	1/51

Councilmember Mu asked if these calculations were based on 700 acres of current land.

Assistant Director Reincke said yes.

Councilmember Zegerman asked if it the current level of service being lower than the UDO requirement meant Council had been approving projects that did not meet those specifications.

Assistant Director Reincke said no, each year the fee costs are adjusted, but the study is working on updating the formula to account for the value of the land.

Councilmember Zegerman was wondering about how the level of service got below the UDO requirement.

Assistant Director Reincke said it was due to the increase in residents and the decrease in percentage of acres dedicated.

Councilmember Zegerman said that would mean developments would have been approved with a higher ratio of residents to acres dedicated. He wondered what was being done wrong to have these levels be too low.

Assistant Director Reincke said the approvals are based on the codified level of service, but what is being updated now is seeking to adjust for differences over time. She said while the land or fee-in-lieu was collected, they may have only been able to use it to help develop land rather than purchase land.

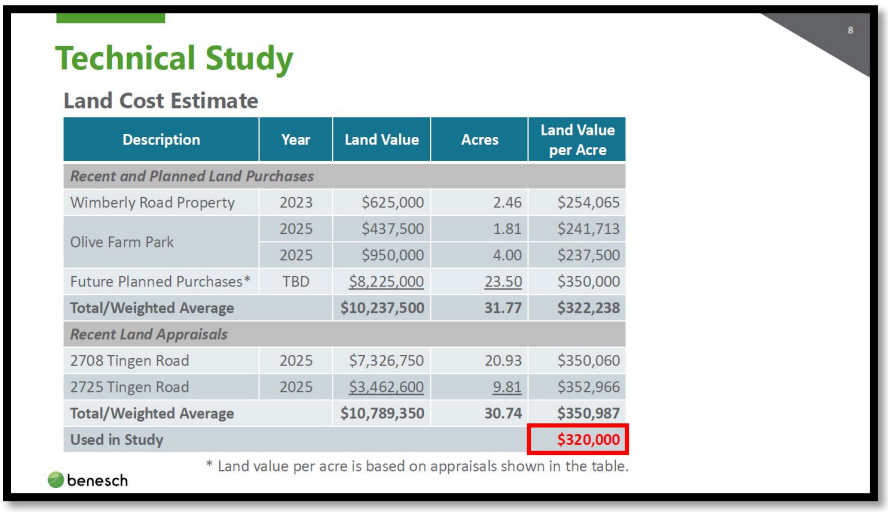
Councilmember Zegerman asked if it was lower because the land was undervalued.

Assistant Director Reincke said they are asking for land based on the master plan, and they can buy land in other places at the same rate.

Councilmember Zegerman said land use is the biggest topic Council deals with. He said he was trying to understand why the levels of service were lower than intended so Council can evaluate what needs to be done in future projects.

Assistant Director Reincke said some of the next slides should help with that future orientation.

[SLIDE 8]



Technical Study

Land Cost Estimate

Description	Year	Land Value	Acres	Land Value per Acre
Recent and Planned Land Purchases				
Wimberly Road Property	2023	$625,000	2.46	$254,065
Olive Farm Park	2025	$437,500	1.81	$241,713
	2025	$950,000	4.00	$237,500
Future Planned Purchases*	TBD	$8,225,000	23.50	$350,000
Total/Weighted Average		**$10,237,500**	**31.77**	**$322,238**
Recent Land Appraisals				
2708 Tingen Road	2025	$7,326,750	20.93	$350,060
2725 Tingen Road	2025	$3,462,600	9.81	$352,966
Total/Weighted Average		**$10,789,350**	**30.74**	**$350,987**
Used in Study				**$320,000**

* Land value per acre is based on appraisals shown in the table.

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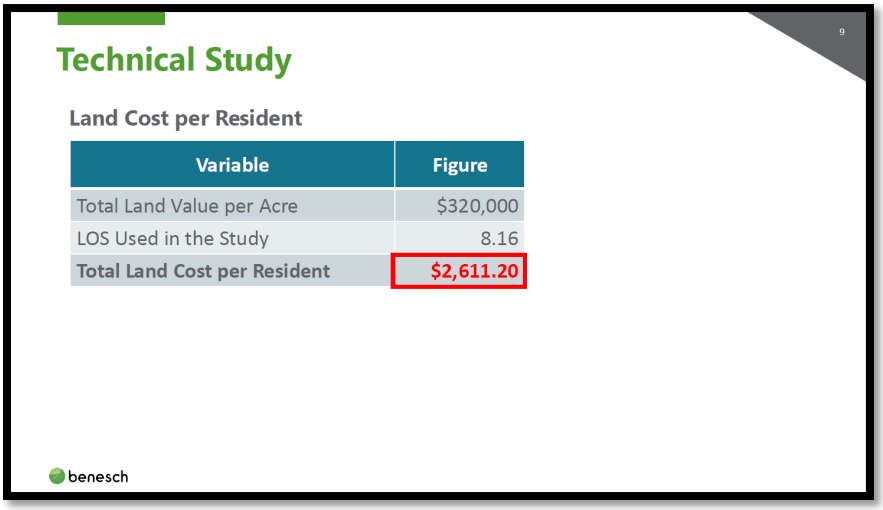
[SLIDE 9]



Technical Study

Land Cost per Resident

Variable	Figure
Total Land Value per Acre	$320,000
LOS Used in the Study	8.16
Total Land Cost per Resident	**$2,611.20**

benesch

Councilmember Zegerman asked why 10 points couldn't be used as the LOS in the study.

Assistant Director Reincke said the Town could strive for that, but it would require purchasing the land and having the correct balance in number of residents.

Councilmember Zegerman said if they used 10 the cost per resident would be higher.

Assistant Director Reincke said setting the land value was the critical piece. She said when the land value was set lower, developers would choose fees-in-lieu over land dedication, because the value assessed was behind what the land was worth. She said there has to be a study done to make those changes, so this would ideally be done more often in the future to better keep up with value changes.

Councilmember Zegerman said he may want to have conversations outside of the meeting to better understand the math.

Director Setzer said the main thing is this is something that should have been updated years ago, and they would plan to do it every 5 years or so moving forward.

Councilmember Zegerman asked why it had been 18 years since the last one.

Director Setzer said he could only speak to since he had been Director, and they had known this was a priority to be done now since it had been so long.

Town Manager Vosburg said another thing is to understand the rate of population growth. He said development of homes and people moving in is occurring faster than Apex can build the parks.

Councilmember Zegerman said he understands that, he just wants to understand what Council needs to know to make sure the decisions they make aren't lowering the level of service.

Town Manager Vosburg said CIP prioritization also has an impact on this, as some things getting moved back in the timeline affected the acreage included in the study.

Councilmember Zegerman asked why $320,000 was considered for the land value. He asked if it could be set a little higher to account for appreciation in the 5 years between the next one.

Assistant Director Reincke said Apex sets an overall land value, but other municipalities do an appraisal for each project.

Deputy Town Manager Purvis said state statutes required the value of land to be what it is when the study/appraisal is conducted and can't be increased.

Councilmember Zegerman said it made sense that other municipalities do the appraisal per project, but Apex's way would be easier on staff.

Assistant Director Reincke said the legislation adopted also requires Apex to set the rate through this process.

Councilmember Zegerman said that could be changed. He said it's a matter of which way would be best for the Town and staff.

Councilmember Gray said he liked the significant increase in the land value from this, and wondered what the development community thought.

Assistant Director Reincke said they haven't had direct conversations with them at this point, but they had compared with other municipalities in the area.

Assistant Town Manager John said another thing this would impact is housing affordability. She said the Town needs to do more work and study how to help mitigate concerns on that front.

Councilmember Zegerman said it was important to keep the percent increase in mind as well.

Councilmember Reese asked a question regarding the decision of doing the study every 5 years, and wondered if that was a rigid decision that would be in the policy.

Assistant Director Reincke said they are proposing it to be no longer than 5 years between studies, so it would offer more flexibility if they wished to do it more often.

[SLIDE 10]

10

Technical Study

Calculated Parks and Recreation Fee In-Lieu Schedule

Land Use	Impact Unit	Residents per Unit	Total Cost per Resident	Calculated Fee In-Lieu	Current Adopted Fee	Percent Change
Residential						
Single Family (Detached)	du	3.00	$2,611.20	**$7,834**	$4,295	82%
Single Family (Attached)	du	2.22	$2,611.20	**$5,797**	$2,893	100%
Multi-Family	du	1.49	$2,611.20	**$3,891**	$2,547	53%

du = dwelling unit

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[SLIDE 11]

11

Technical Study

Parks and Recreation Fee In-Lieu Schedule Comparison

Jurisdiction	Fee Type	Study Year	Single Family	Multi-Family
City of Raleigh	Impact Fee	2006	$1,615-$1,916	$1,175-$1,391
Town of Garner	Fee In-Lieu	2020	$2,375	$1,762
Town of Apex – Current Adopted	**Fee In-Lieu**	**2008**	**$4,295**	**$2,547**
Town of Fuquay-Varina*	Fee In-Lieu	N/A	$5,000	$5,000
Town of Wake Forest	Impact Fee	2024	$7,085	$3,831
Town of Apex – Calculated	**Fee In-Lieu**	**2026**	**$7,834**	**$3,891**
Town of Morrisville*	Fee In-Lieu	N/A	$9,143	$3,279
Town of Cary*	Fee In-Lieu	N/A	$9,143	$4,263
Town of Rolesville*	Fee In-Lieu & Development Fee	N/A	$6,400-$19,200	$4,533-$5,867
Town of Holly Springs*	Fee In-Lieu	2024	$13,119	$5,891

*Fee varies based on land value. Fee shown based on estimated land value used in this study ($320,000 per acre)

benesch

[SLIDE 12]

12

PRAB Recommendations

Recommendation approved by Parks and Recreation Advisory Board:

- Recommend all findings and proposals of the fee study
- Setting the land value at $320,000 per acre.
- Changes needed for **Section 14.1.6 Computation of Size of Area Required for Dedication**

Single Family Detached	1/40.85	**1/41 acre per unit**
Single Family Attached	1/55.20	**1/55 acre per unit**
Multi-Family	1/82.24	**1/82 acre per unit**

- Implementation of **January 1, 2027,** for the new fees and schedules to take effect.
- Maintains **Section 17.1.7B Adjustment** process in the UDO.
- Update Fee Study every five years to validate population growth and achieved level of service

benesch

Councilmember Zegerman asked if the land value went up, would the dedication ratios change.

Assistant Director Reincke said a change in the land value would lead to changes in all of the components of the formula.

Councilmember Zegerman wondered why a higher dedication amount wouldn't be required.

Assistant Director Reincke said it had to be based on the calculation from the formula.

Councilmember Zegerman asked if that was from state statute

Assistant Director Reincke said yes

Councilmember Zegerman said he was concerned about setting the value at $320,000 based on the current land value, while also having a grievance process when a specific piece of land may be worth less. He said this exposes the Town downwards, and wondered if the case-by-case approach would be better to ensure opportunity isn't lost between plans.

Assistant Director Reincke said they could discuss that with the consultant, and see what the legislation allows the Town to do.

Councilmember Zegerman said the rate update can still be done now, and that additional research may take more time after that.

Town Manager Vosburg said it seemed there was overall support for the changes, and support to look into other options.

Councilmember Reese asked if the development community would be brought in prior to this coming back to Council as a Public Hearing.

Assistant Director Reincke said they hadn't planned a session with the builder's association.

Councilmember Reese said he thinks that may be a good idea.

Councilmember Gray said he had some questions for Town Attorney Meyer.

Councilmember Reese asked if they could add municipalities in Wake County not already included into the comparison, and was interested in more information about which municipalities do appraisals on a case-by-case basis.

Councilmember Mu asked if evaluating on the case-by-case basis would end up with the math being much different than the current way.

Assistant Director Reincke said there are many factors that go into land appraisal, and it accounts for specific things such as the actual location of the parcel and what services it.

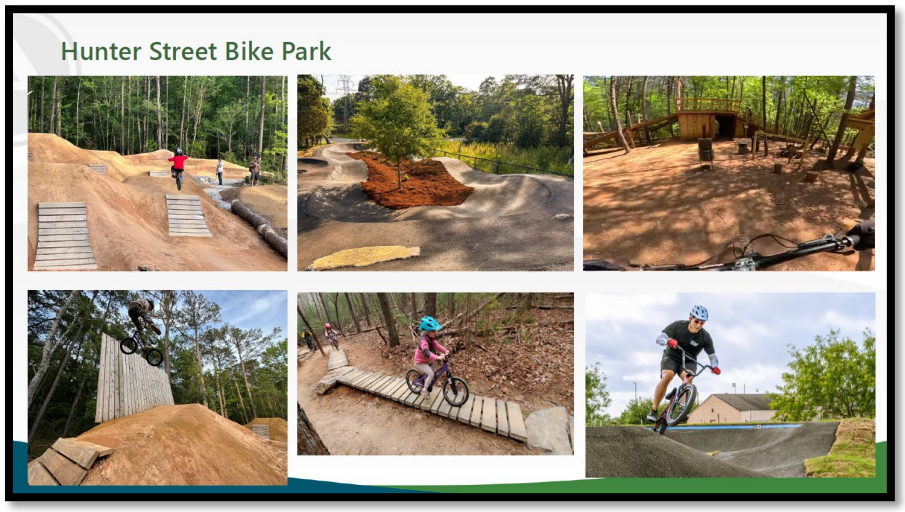
[SLIDE 13]

[OTHER DEPARTMENTAL PROJECT UPDATES]

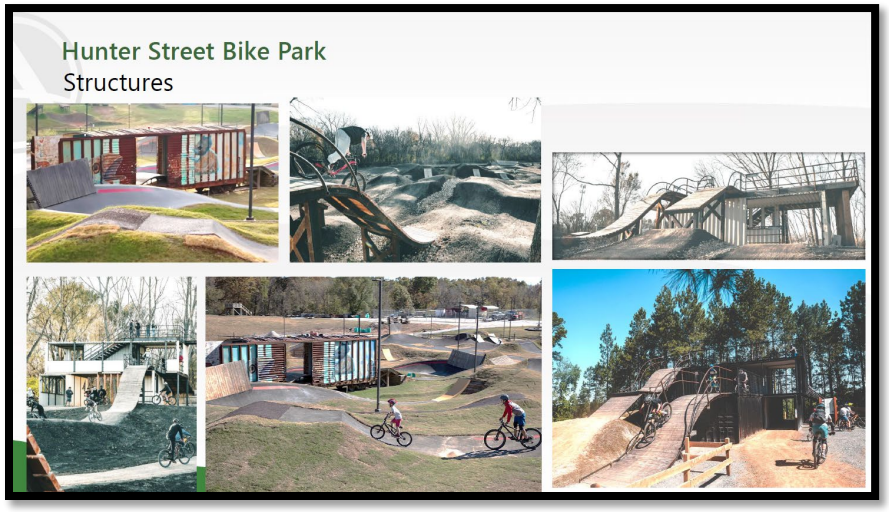
Parks Planning Manager Shweta Nanekar gave the next portion of the presentation:

[SLIDE 14]

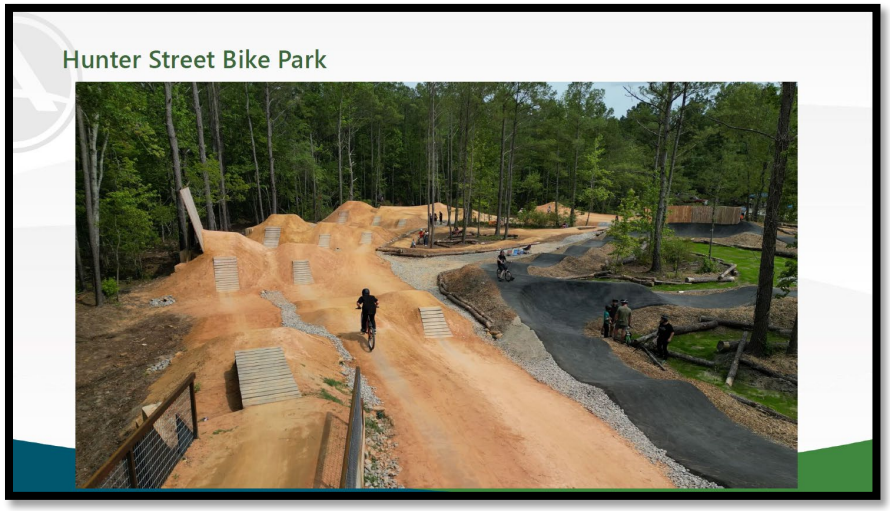
[SLIDE 15]



[SLIDE 16]



[SLIDE 17]



[SLIDE 18]

[SLIDE 19]

Original Scope of Work	Added Scope of Work
Existing Conditions Assessment	Lighting (Existing Musco poles with spill control)
Conceptual Plan and Stakeholder Engagement	Asphalt Pump Track (Public recommendation)
Bike Park Construction Documents	Water connection (Planning)
Engineering Permitting and Contingency	ADA parking spots (Planning)
Construction (Mobilization, Dirt Pump Track, Skills Trails, Landscaping Stormwater & Erosion Control	Metal shade structures (Firework Frenzy fallout)
	Walking loop lighting (Council recommendation)

Councilmember Mu asked if there were grant applications for these types of projects.

Assistant Director Reincke said there may be some they could apply for, and they have had groups to come help build ramps. She said they also secured excess lumber on previous projects and saved it for cost savings on this and future projects. She said grants may also be too slow on this based on the build timeline.

Mayor Gilbert asked about the difference in skill levels and how that impacts the flow.

Assistant Director Reincke said there is a very wide range of skill on these tracks, and different people utilize them differently. She said it's important to have high-skill portions to keep people engaged as they advance their skills.

Councilmember Zegerman asked about liability in cases of injury.

Director Setzer said it would be the same as the skate park.

Interim Town Attorney Meyer said any park has some liability, but it all comes down to negligence.

Councilmember Zegerman said it seemed the inherent risk seemed higher here than the skate park, and wanted to ensure the Town wasn't getting into a bad spot.

Councilmember Mu wondered if there was a way to have waivers signed before entering the park.

Director Setzer said part of the reason the skate park is so popular is because of the lack of supervision and the ease of access. He said it would also add staffing requirements, and create more restrictions. He said it would also present practical challenges.

Councilmember Mu said there may need to be some notification of assuming risk.

Director Setzer said there is an ordinance for the Skate Plaza, so they could look at one for this as well.

Mayor Gilbert said there are also pending questions about e-bikes as a whole.

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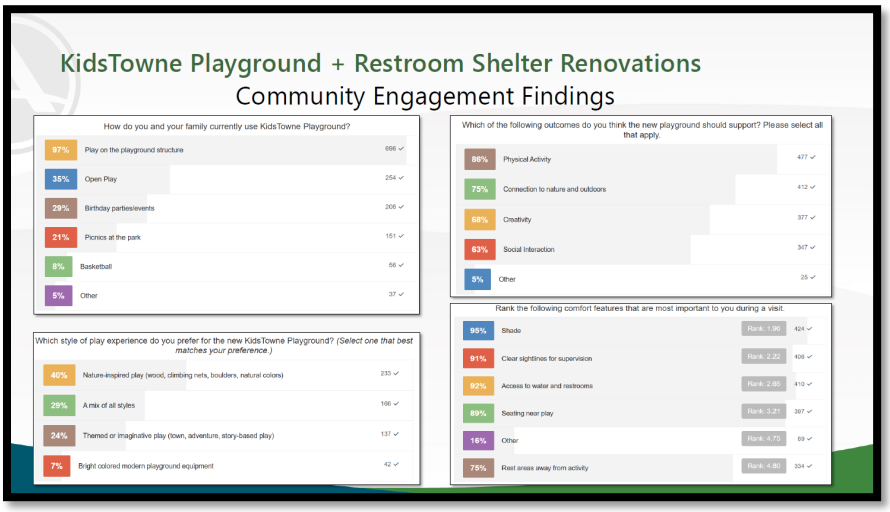

[SLIDE 26]

[SLIDE 27]

Councilmember Gray said having kids provide their own feedback was a great idea.

Director Setzer said he commended his staff for the effort they put into this, and youth involved in current programs were helpful as well.

Ms. Nanekar shouted out communications as well.

Councilmember Zegerman said this is some of the most feedback the Town has had for projects and was happy to see it.

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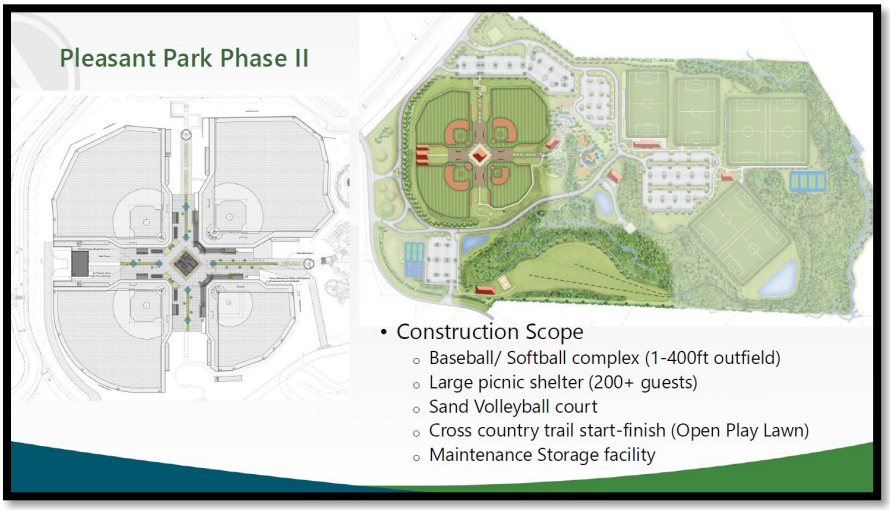
[SLIDE 29]



Councilmember Reese said the High School coaches were very interested in having the track open for use by 2029, even if it isn't fully completed yet.

Assistant Director Reincke said they've been working with High School Coaches, and the main concern for the timeline is the hill and the start/finish area.

Councilmember Reese said they wanted to just be able to get their teams out there by then.

Councilmember Mu asked if this was within the current budget.

Assistant Director Reincke said yes.

[SLIDE 30]

Councilmember Zegerman asked what the timeline of the project was.

Ms. Nanekar said they have recently started working with the consultant on the design process.

Assistant Director Reincke said there would be a public engagement process regarding this renovation as well.

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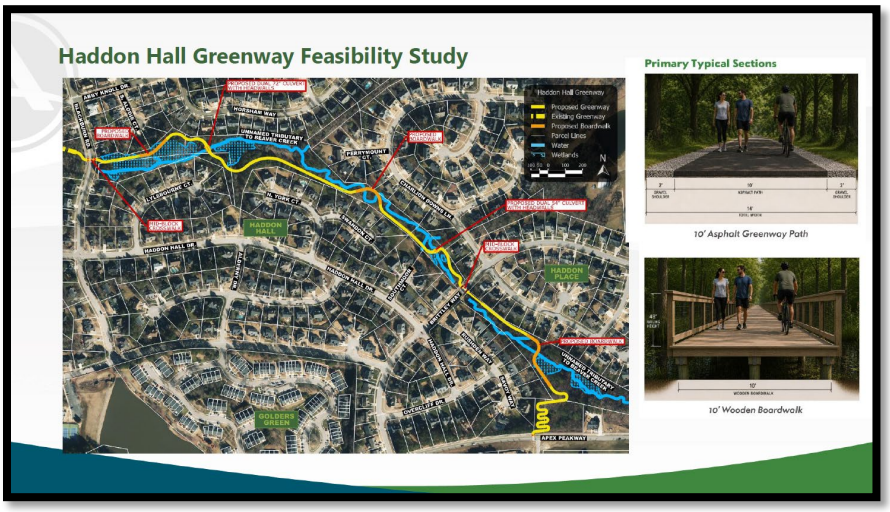
[SLIDE 32]



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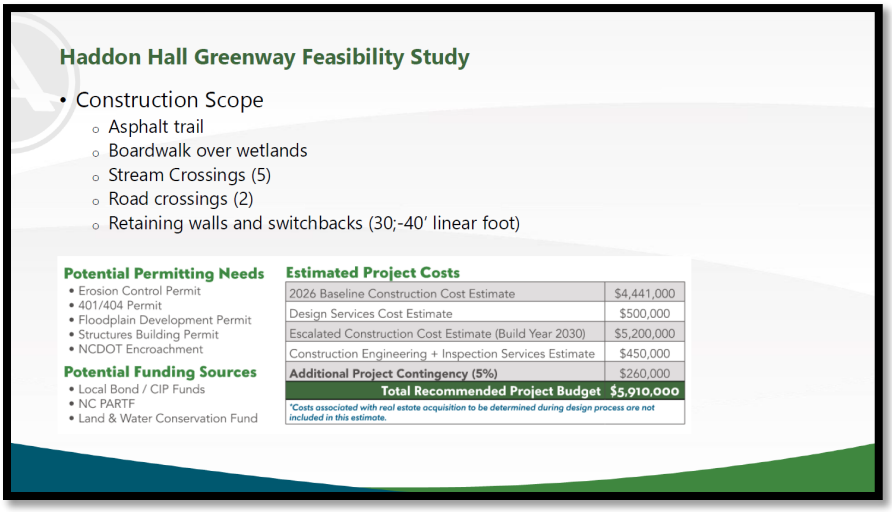

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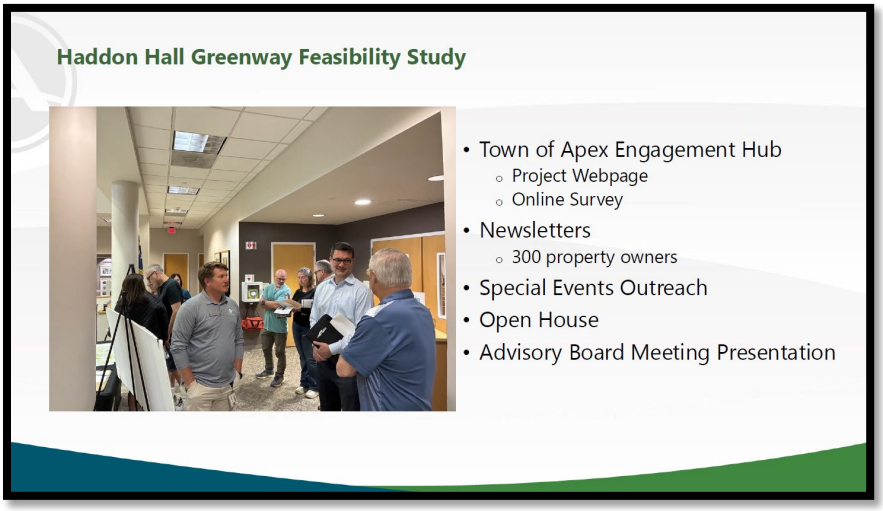

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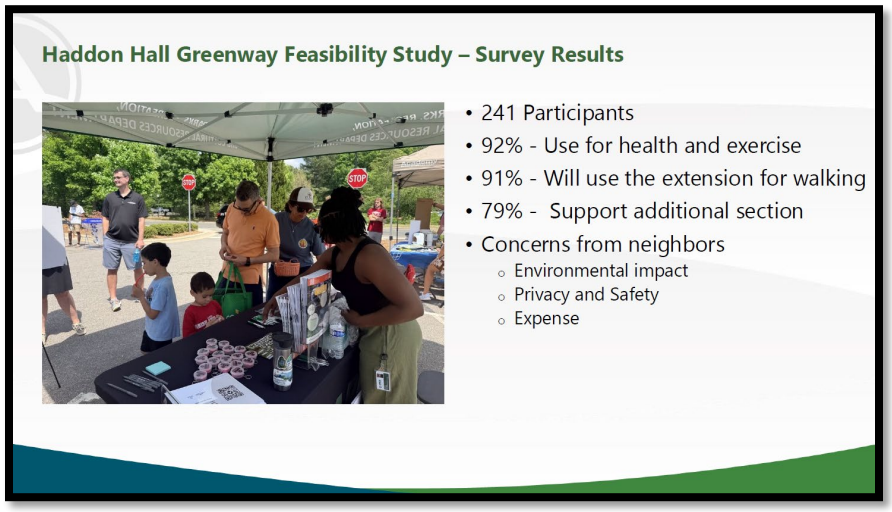

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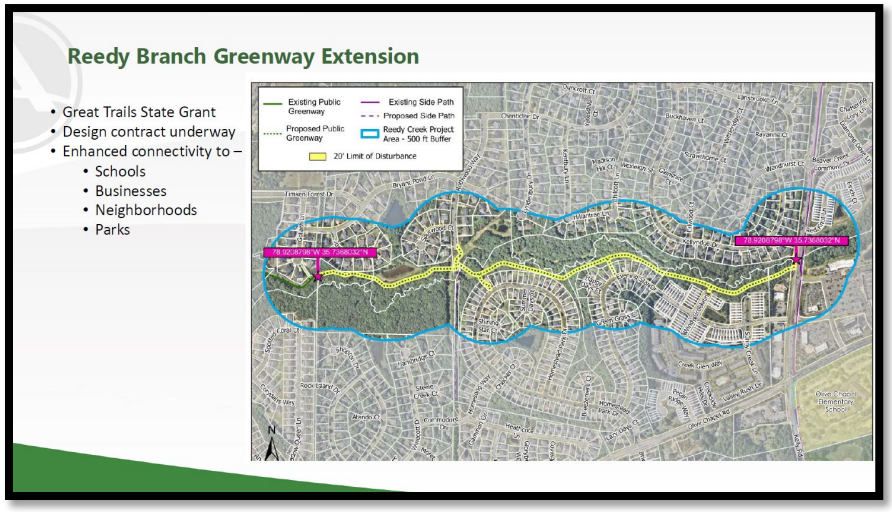

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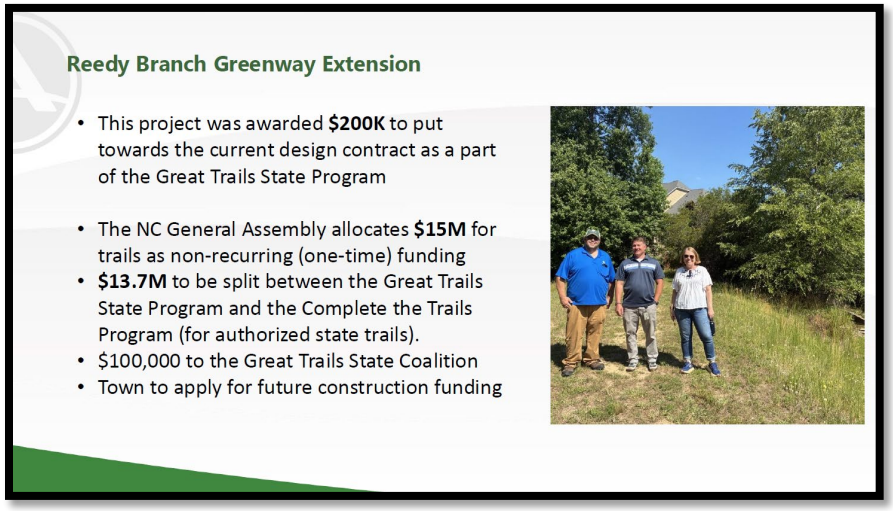


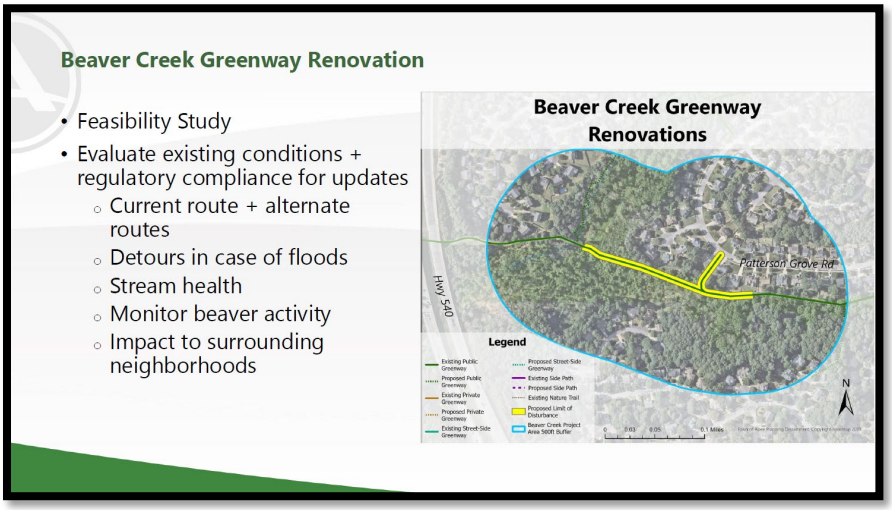
Councilmember Mu asked if the 15 Million was for the full state.

Ms. Nanekar said yes.

Councilmember Zegerman asked if the Town would need to acquire any easements.

Assistant Director Reincke said yes, and several HOAs have provided letters of recommendation as part of the grant application, and she was hoping that would help.

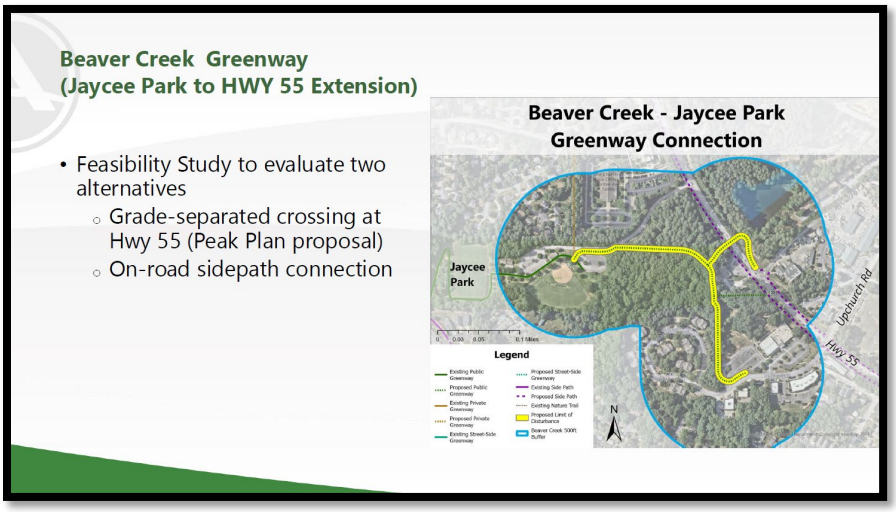
[SLIDE 38]



Councilmember Zegerman asked about an area that was very sandy and wondered if it was still in the project area.

Assistant Director Reincke said that was the section that had been relocated, so it was no longer a concern.

[SLIDE 39]



Councilmember Zegerman asked which portions would be grade separated.

Assistant Director Reincke said the northern hook loop would be, but it does depend whether the pond was drained or not. She said the study will determine which option was the most viable.

Councilmember Zegerman asked if the northern route was available, would they construct the one to the south.

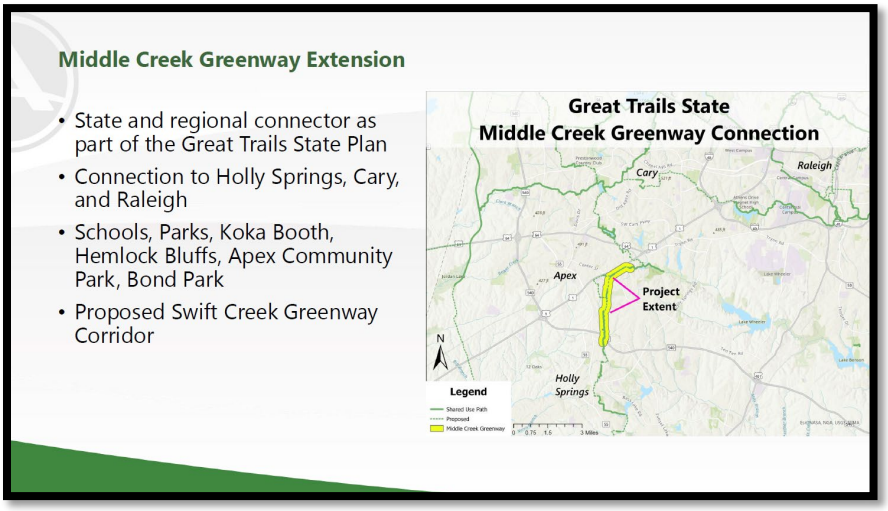
Assistant Director Reincke said they probably wouldn't

Councilmember Zegerman said he liked the connections the route to the south would give.

Assistant Director Reincke said there would still be side path on 55.

Councilmember Zegerman said it would be great to have a connection all the way to the American Tobacco Trail.

[SLIDE 40]



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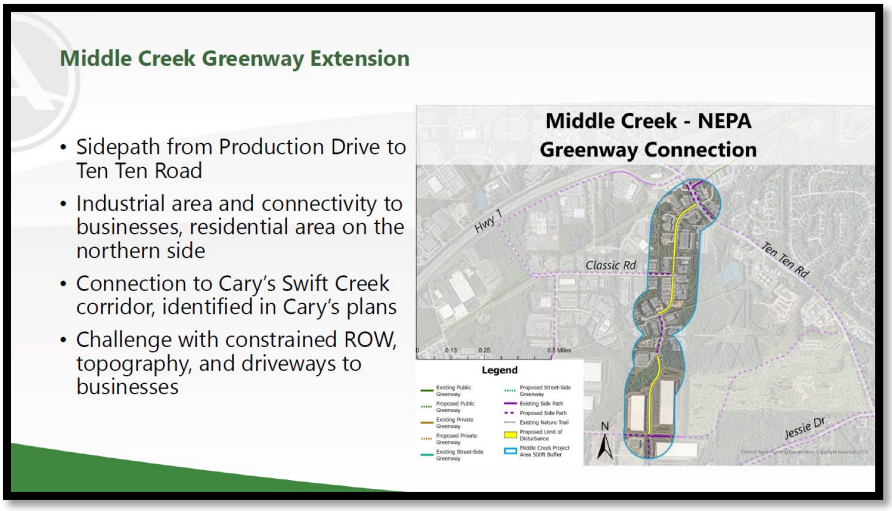

Councilmember Zegerman asked how this project connected to the broader Apex greenway network.

Assistant Director Reincke said it connected mainly through side path along Center Street into downtown. She said Swift Creek greenway through a partnership with Cary will

provide connectivity to Community Park. She said the gap in greenways is noted on the master plan, partially to do development that has already occurred.

Councilmember Mu asked if the cities this will connect to will contribute to a portion of the cost.

Assistant Director Reincke said those cities are building their own sections of it, and they are looking at funding alternatives and options along with other municipalities.

Councilmember Reese asked when they will know what the cost will be and if that was what the study was for.

Assistant Director Reincke said the feasibility study had been completed, and this was to move into construction drawings.

Mayor Gilbert asked if the lobbyist was working on the Great State Trail Funding.

Town Clerk Coleman said yes, there's funding allocated at the State level, and the lobbyist will be working on behalf of the Town to try to secure a portion of that.

Town Manager Vosburg said staff would be providing updates on these projects, and could bring them back to Council if there was desire for more follow up, questions, or discussion. He said items could come back on the October 20th Work Session if needed.

Assistant Director Reincke said there were some items planned to come in January, so some things could come back then as well

[SLIDE 42]

Town Clerk Coleman noted there was an error from a recent Town Council vote to appoint the Vice Chair of the Culture and Arts Advisory Board, and they could correct that during the work session. He read the corrected motion for the record.

A **motion** was made by **Councilmember Zegerman**, seconded by **Councilmember Reese**, to correct the actions taken by the Town Council on August 11th regarding the appointment of the Culture and Arts Advisory Board Vice Chair by rescinding the designation

of Bethany Bryant as Vice Chair and appointing Susan Kirley as Vice Chair, effective immediately through June 30th, 2027.

VOTE: UNANIMOUS (4-0), with Mayor Pro-Tempore Mahaffey absent.

[ADJOURNEMENT]

Mayor Gilbert adjourned the meeting at **5:09 p.m.**

Jacques K. Gilbert
Apex, Mayor

Allen Coleman, CMC
Town Clerk to the Apex Town Council

Submitted for approval by Apex Town Clerk Allen Coleman

Minutes approved on _____ of _____, 2026.

TOWN OF APEX
TOWN COUNCIL WORK SESSION
TUESDAY, AUGUST 18, 2026
3:30 P.M.

Following a dully noticed public meeting, the Apex Town Council met for a regularly scheduled work session on Thursday, August 18, 2026 at 3:30 p.m. at the Apex Town Hall located at 73 Hunter Street in Apex North Carolina.

This meeting was open to the public. Members of the public were able to attend this meeting in-person or watch online via the livestream on the Town's YouTube Channel: https://www.youtube.com/watch?v=ml5RySlU9NE&

[ATTENDANCE]

Elected Body

Mayor Jacques K. Gilbert (presiding)
Mayor Pro-Tempore Terry Mahaffey
Councilmember Ed Gray
Councilmember Arno Zegerman
Councilmember Shane Reese
Councilmember Sue Mu

Town Staff

Town Manager Randy Vosburg
Deputy Town Manager Shawn Purvis
Assistant Town Manager Demetria John
Assistant Town Manager Marty Stone
Interim Town Attorney Brian Meyer
Town Clerk Allen Coleman

All other staff members will be identified appropriately below.

[CALL TO ORDER AND PLEDGE OF ALLEGIANCE]

Mayor Gilbert called the meeting to order at 3:30 PM, welcomed everyone, and led in the Pledge of Allegiance.

Mayor Gilbert noted that he would need to leave the meeting earlier and would prefer to move the closed session item no. 6 up to immediately following the Christmas Parade Item (no. 3). He also noted that the Billing/Customer Service Update could be moved

to after Closed Session and before the Resident Advisory Board Appointment Process overview.

Councilmember Gray noted when these changes were made, it was usually because Council was biting off more than it could chew and recognized that their would likely not be enough time to cover all agenda items.

A **motion** was made by **Councilmember Gray,** seconded by **Councilmember Zegerman,** to approve the following agenda order:

1. **Call to Order | Pledge of Allegiance**
2. **2026 Christmas Parade Route Update**
3. **Closed Session Pursuant to North Carolina General Statutes 143-318.11(a)(6)**
4. **Billing/Customer Service Update**
5. **Resident Advisory Board Appointment Process Overview**
6. **Adjournment**

VOTE: UNANIMOUS (5-0)

Mayor Gilbert noted he had an Apex High School student with him that has been shadowing him. He encouraged Council to speak with him during a break or at the conclusion of the meeting to welcome him to the meeting.

Town Manager Vosburg noted it was a robust agenda, and expected an hour would be needed for the billing item. He said they'd try to get through the parade item quickly.

[2026 CHRISTMAS PARADE UPDATES]

Town Manager Vosburg gave an update regarding the route of the Christmas Parade, saying it will still go through downtown as in years past. He said there are 8 floats that may need to be smaller, and the Town is working on the logistics of that. He added that the Parade's insurance provide has worked with the Town to address any concerns on that front.

Robert Carmac with the Apex Rotary Club thanked the Town for the help in getting to this point. He said the conversation with insurance was surprisingly easy. He said registration is expected to be opened on September 7th, and he would be working on adding a marching band to the route as well. He said one of the local businesses has offered to sponsor the parade, which will increase the amount given to non-profits. He said the business will be announced shortly. He added WRAL has reached out to participate as well, and their data from last year noted over 6,300 unique individuals watched the parade live, with over 2,000 watching after the fact. He said that is close to double some of the other local Christmas parades. He said he is excited to have this continued and thanked the Town.

Mayor Gilbert said he was glad to hear about the sponsor, and this was a very special event. He said he was not surprised by the interest. He asked what the next steps were.

Special Events Manager Lisa Raschke said the plans would be more solidified around October once the construction plans were more solid and Council would likely be in a better position to weigh in at that time. She noted some of the additional logistics that were still being worked through.

Town Manager Vosburg said the plan was to move forward as normal with the parade with slight modifications.

Mayor Pro-Tempore Mahaffey said he wanted to confirm all was taken care of with the insurance for the contractor downtown.

Mr. Carmac said the contractor looked at the parade's insurance policy, which included the Town as an additional insurer, and they were added as well.

Mayor Pro-Tempore Mahaffey asked if having one side closed off would prevent some spectators.

Ms. Raschke said it would depend on the width of the lane that was available. She said they do not believe there will be a significant impact, but they are working on contingencies as well.

Mr. Cormac said they are proceeding and planning for the worst-case scenario, and if more space is available, it would be good.

A **motion** was made by **Councilmember Gray,** seconded by **Councilmember Zegerman,** to enter into Closed Session pursuant to **NCGS 143-318.11(a)(6).**

VOTE: UNANIMOUS (5-0)

Council entered closed session at **3:42 p.m.**

Council returned to open session at **4:11 p.m.**

Town Manager Town Manager Vosburg said they would be moving to a Billing & Collections Update.

[BILLING/CUSTOMER SERVICE UPDATE]

Deputy Town Manager Purvis and **Finance Director Jon Griffin** gave the following presentation:

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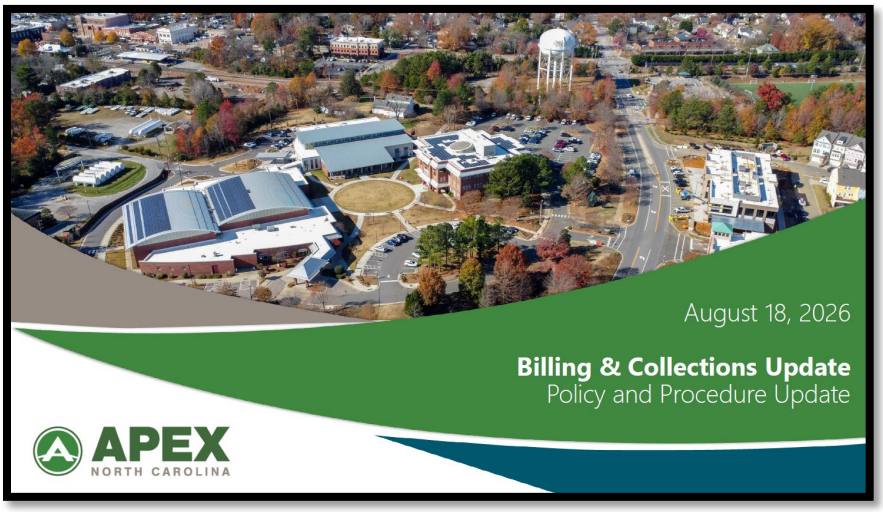

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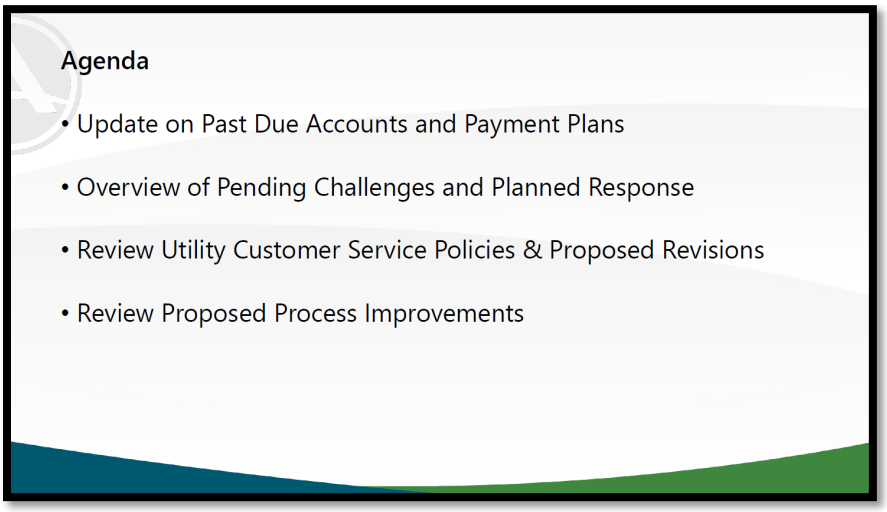

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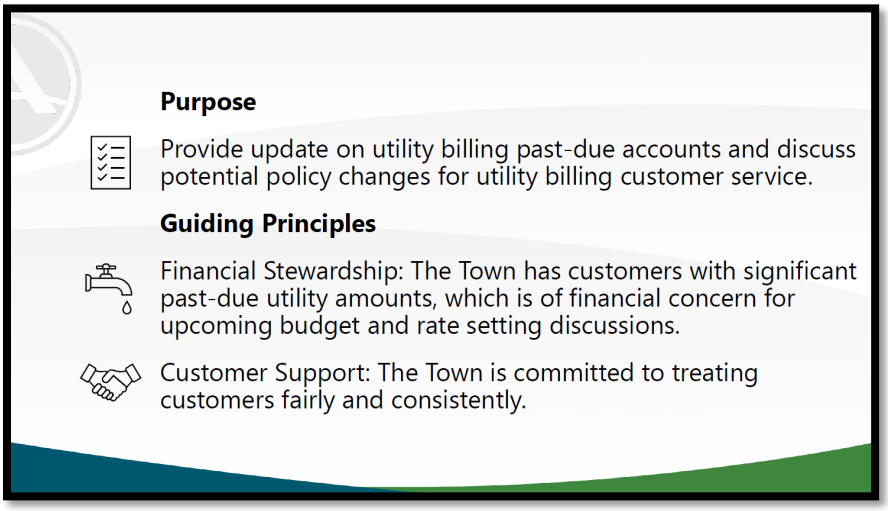

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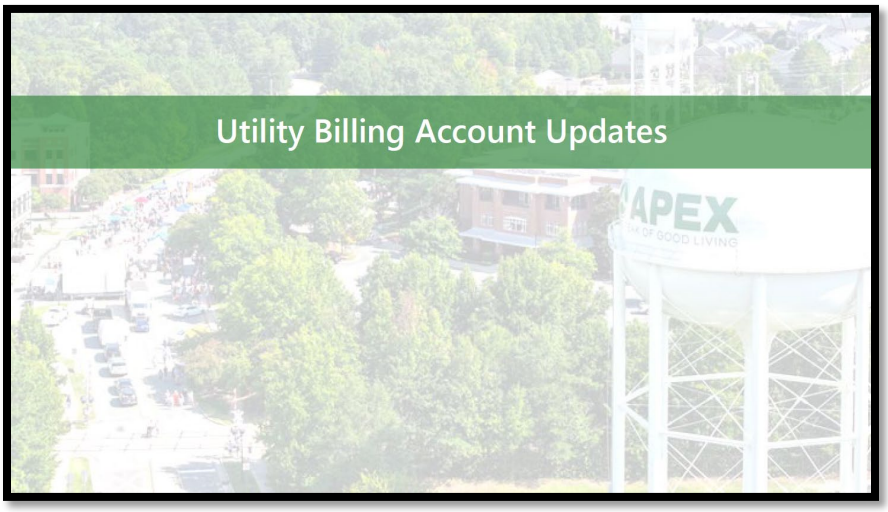

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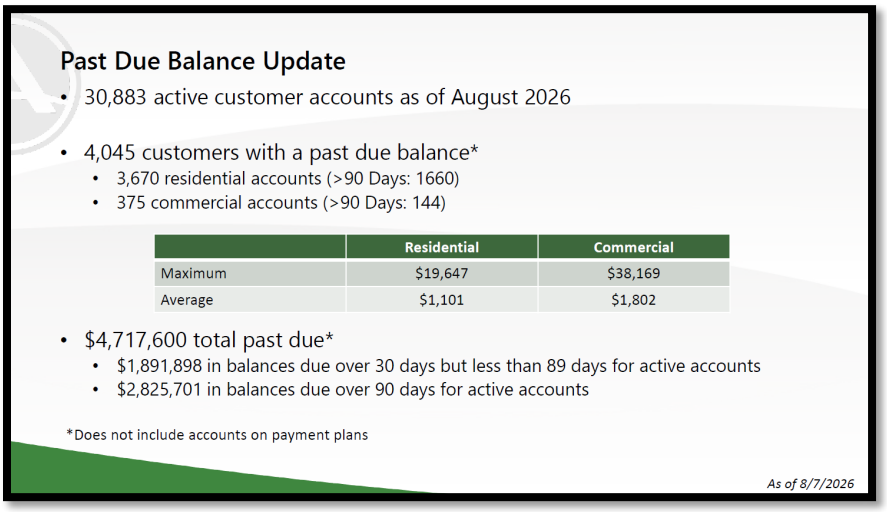

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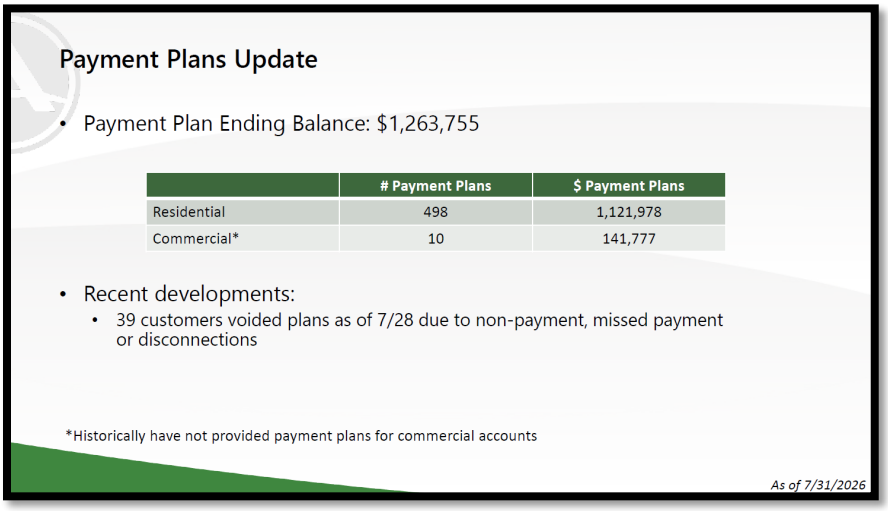


Councilmember Zegerman asked what the plan would be for individuals who moved out of the Town but still owed money on their account.

Director Griffin said there are 3 things that can be done. He said the Town is a member of an organization that is a service provider of bad utility debt, and the Town can report the unpaid money to them, and it will be flagged by a new utility service in a new place they move to. He said they can submit it to the state debt setoff program, which would garnish money they may be owed by the state to recoup some costs. Finally, the Town could sell the debt to private debt collectors, which they have not yet done.

Mayor Pro-Tempore Mahaffey asked if it was common to use private debt collection for municipal utility debt.

Director Griffin said disconnection is typically used as the enforcement mechanism long before that would be a factor.

Councilmember Zegerman asked what the amount was for those 39.

Director Griffin said about 77,000.

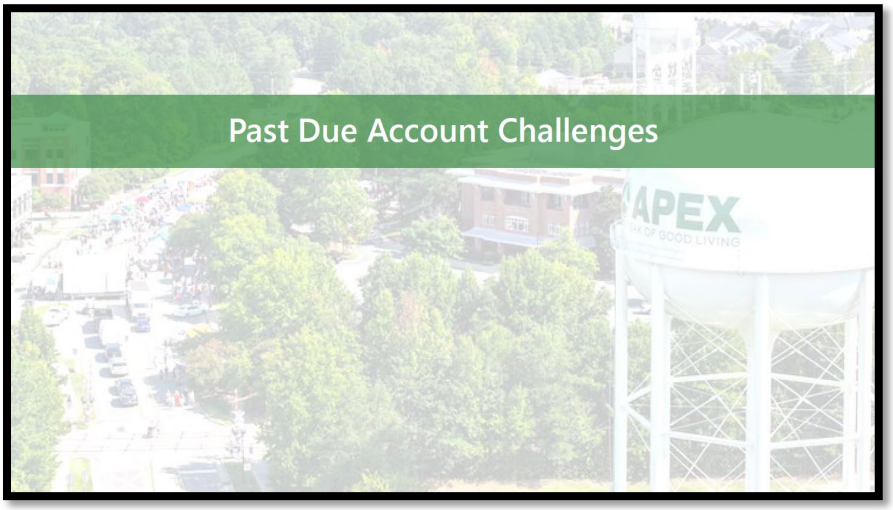
Councilmember Zegerman asked if they were included in some of the numbers above.

Director Griffin said no.

Councilmember Mu asked about reporting to credit bureaus.

Director Griffin said that is a part of the process for the reporting they have already done.

[SLIDE 7]



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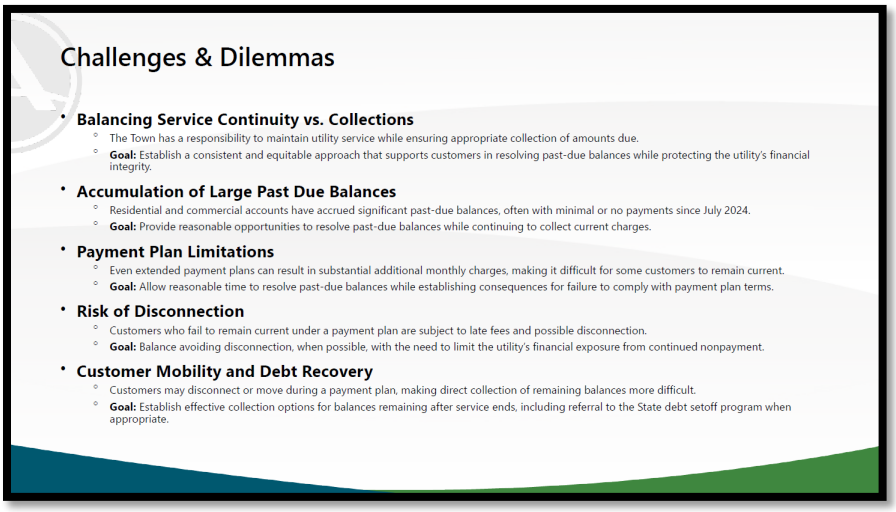

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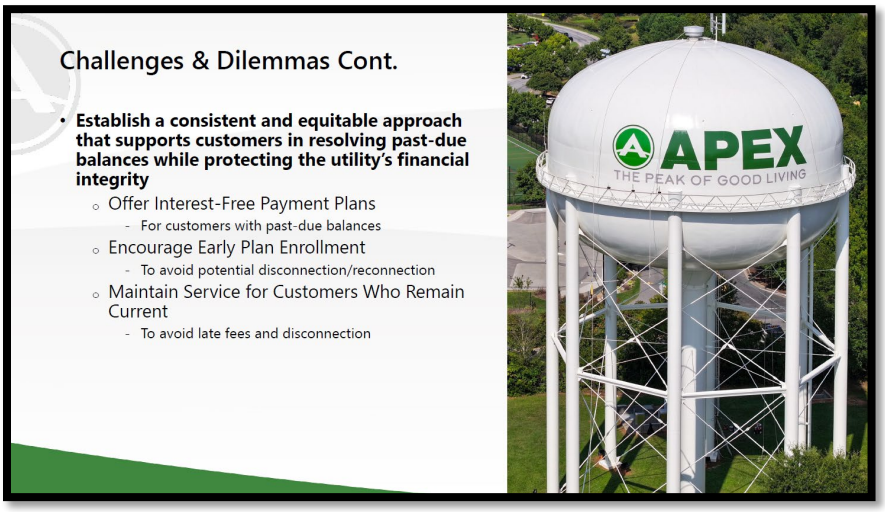

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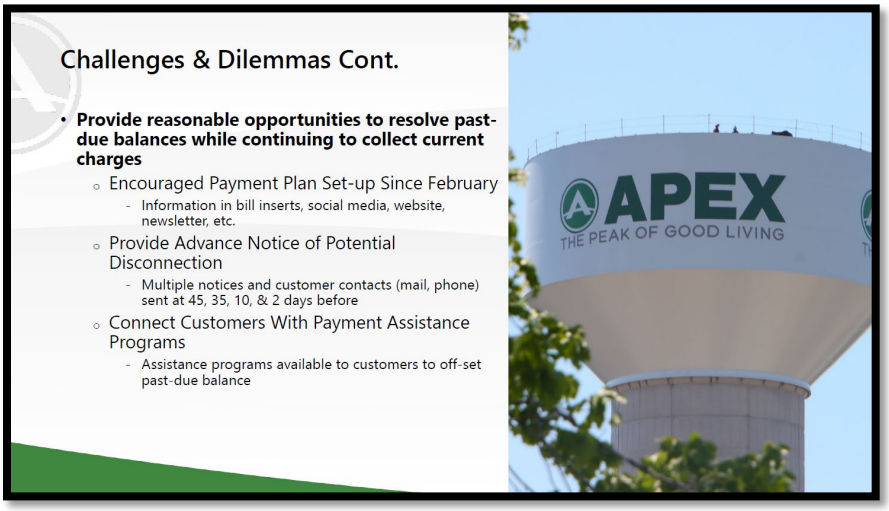

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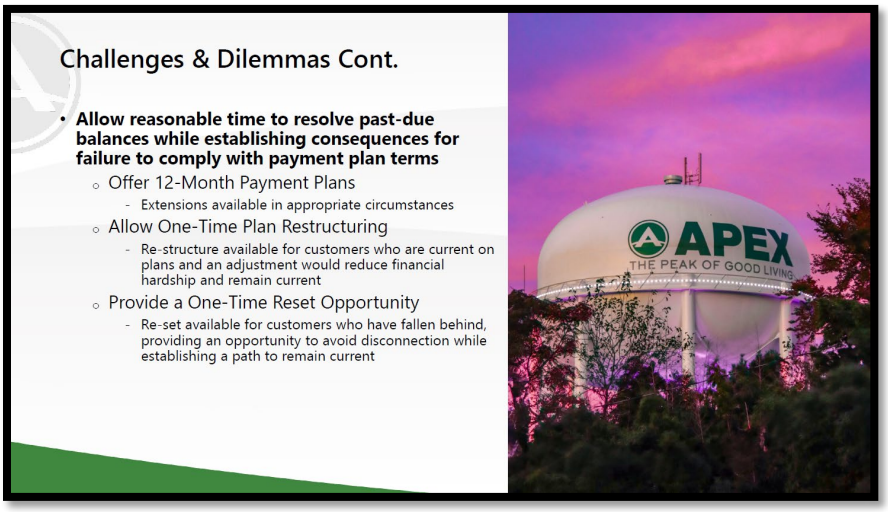

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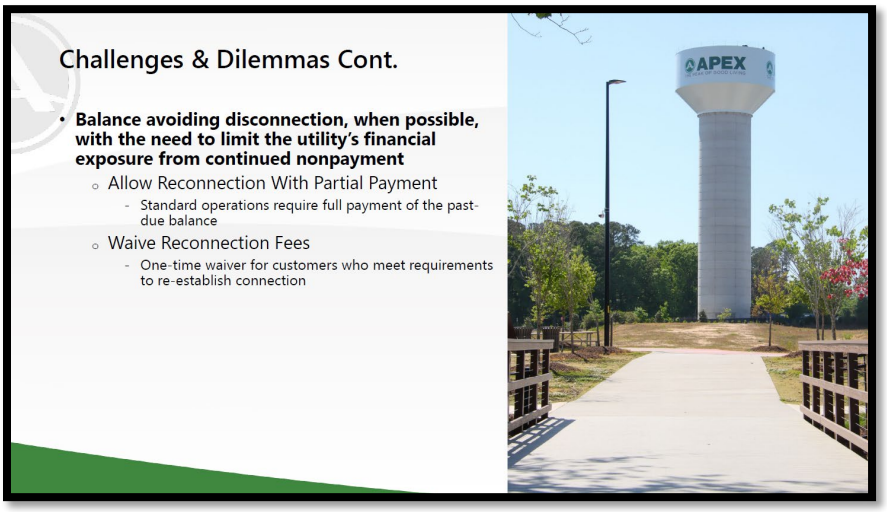

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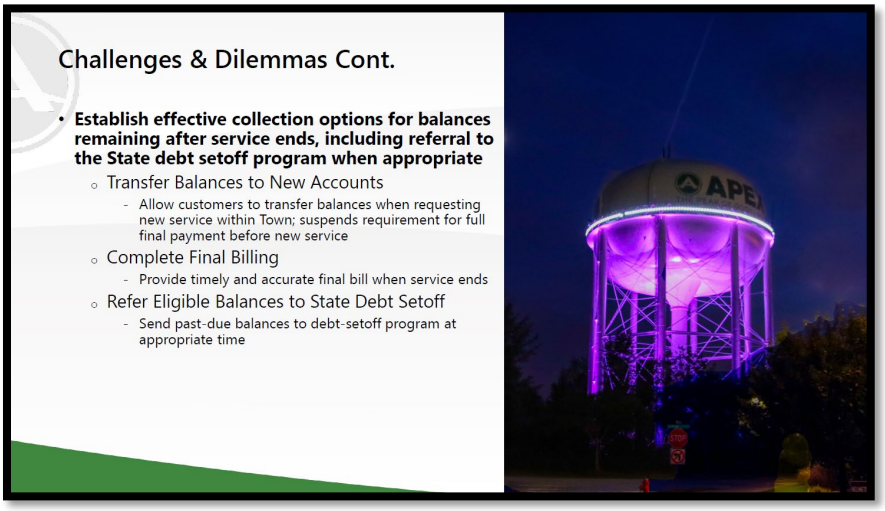

Councilmember Zegerman said he didn't want to assume what people were able to afford regarding the payment plans.

Deputy Town Manager Purvis said staff agreed and didn't want to make that assumption as well. He said the plan was to try and keep people in mind who may not be able to afford it.

Councilmember Zegerman said they were already doing a 12-month payment plan instead of the usual 6. He said he wanted to be sensitive to people in legitimate hardships, but didn't want to be too lenient, as most people simply chose not to pay their utility bills.

Deputy Town Manager Purvis said the Town wants to try and find the balance where people can pay what they're able and not have service cut off.

Councilmember Zegerman asked how to ensure what an equitable solution would be.

Deputy Town Manager Purvis said staff is working through that, and they have guidelines they have prepared to manage these cases.

Councilmember Zegerman asked if it would be income based

Deputy Town Manager Purvis said he wasn't sure the Town would want to be involved in that and didn't know if they had the ability to anyway. He said the assistance programs available with outside organizations would be income-based.

Councilmember Zegerman asked if the Town could place liens on properties for unpaid bills.

Deputy Town Manager Purvis said he would have to check for that on utilities.

Interim Town Attorney Meyer said the Town could potentially if they went to court for it.

Councilmember Zegerman asked if the Town could add language regarding non-payment leading to possible liens in the payment plan terms.

Interim Town Attorney Meyer said he didn't believe so but could check.

Director Griffin said renters would be an issue then, because the owner could not be held liable for their renter's non-payment.

Councilmember Zegerman said the longer this goes on, the bigger the list of disconnected accounts could become.

Councilmember Gray said there wasn't a statutory way for the Town to do liens for utilities on their own.

Deputy Town Manager Purvis said the Town is working to get as many things as possible back to standard operating procedure for standard late fees, disconnects, etc.

Councilmember Mu asked for additional information on the state program.

Deputy Town Manager Purvis said they would notify the state of the unpaid balance, and the state would garnish any payment from them (tax returns, lottery winnings, etc.) to give it back to the Town. He said it only comes into play if the state owes money to the individual.

Mayor Pro-Tempore Mahaffey asked about how much would likely be collectable.

Director Griffin the Town only receives a few hundred dollars a month from all accounts that have been sent off.

Deputy Town Manager Purvis said typically they don't have many accounts that are sent off to that program.

Mayor Pro-Tempore Mahaffey asked how much the debt would sell for to a private collector.

Deputy Town Manager Purvis said he wasn't sure, and they would have to check on the Town's legal limits there.

Councilmember Zegerman he would be interested in seeing more information about that.

Mayor Pro-Tempore Mahaffey said they have a responsibility to collect as much as they can.

Deputy Town Manager Purvis said that's correct, based on the statute and on the setup of the enterprise system.

Mayor Pro-Tempore Mahaffey said the risk gets greater the longer these stretch on. He said more people may decide to move and try their luck never paying it.

Director Griffin said the Town generally doesn't send the debt to the setoff program until the statute of limitations to collect has expired. He said sewer is the shortest at 3 years.

Deputy Town Manager Purvis said staff can investigate further options.

Mayor Pro-Tempore Mahaffey asked about if someone who has a utility account dies with an unpaid balance.

Director Griffin said there have been some instances where the Town has been contacted by an estate, and Town legal staff have assisted in filing for the unpaid balance through the estate. He said this is quite rare.

Councilmember Reese said there are different profiles of unpaid balances and asked if someone who has a lower balance and has been in contact with the Town had to be treated the same as someone who hasn't paid for two years and hasn't communicated.

Deputy Town Manager Purvis said legally and ethically, the staff does not treat customers differently as a service provider. He said there is customer service discretion on a case-by-case basis. He added they are working on plans to approach these scenarios. He said eventually there is a finite length of time they can fund the operation without the outstanding balance, so eventually they will have to be enforcing the cutoffs more strictly. He said there are things like medical exceptions and other considerations for staff to be aware of with this.

Councilmember Reese said if someone had accrued $20,000 worth of utility balance, they would likely have the means to pay it back.

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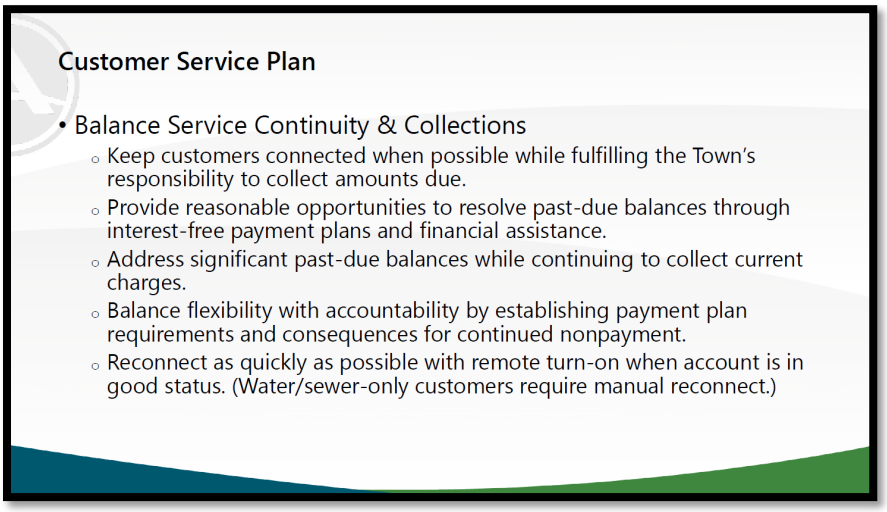

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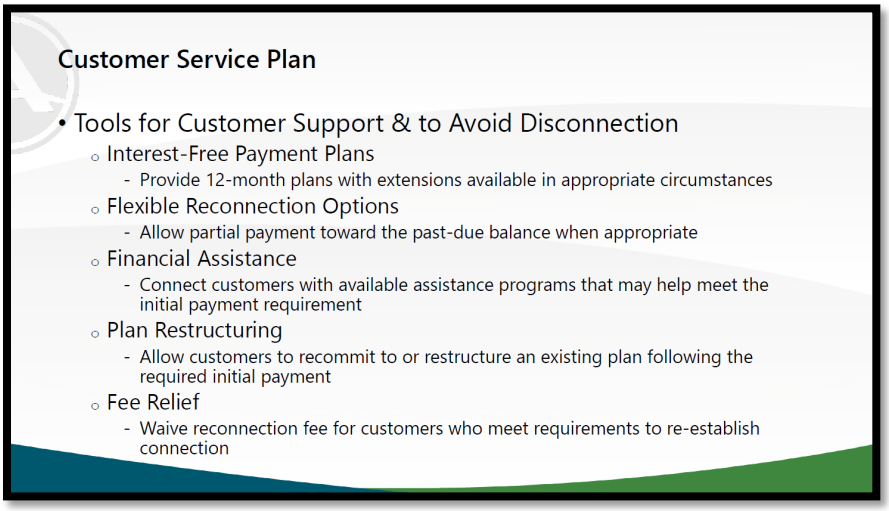

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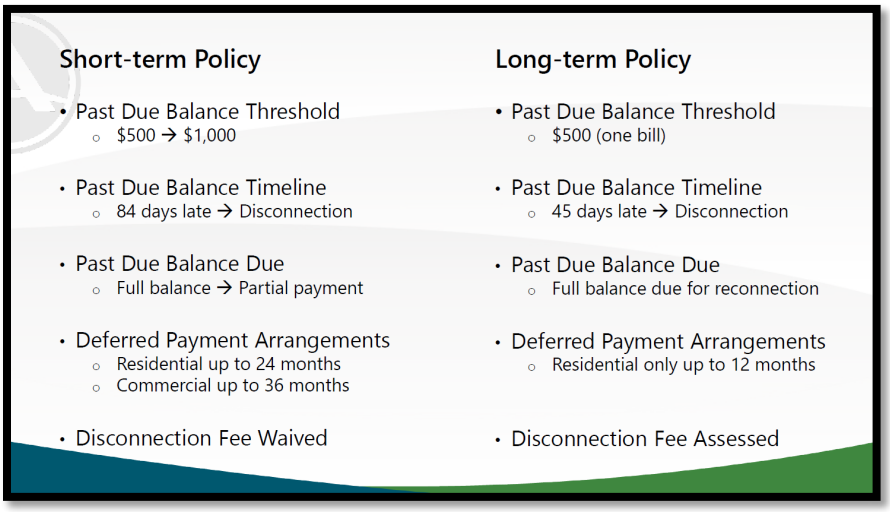


Councilmember Reese asked why commercial accounts would be given 12 more months.

Director Griffin said they are some of the largest balances.

Councilmember Reese said they're also able to pay more being businesses.

Deputy Town Manager Purvis said they could adjust based on Council guidance.

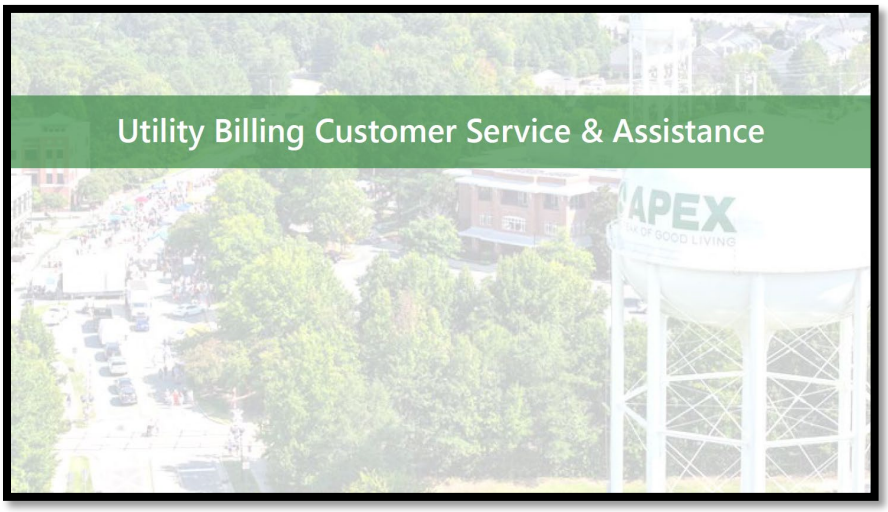
Director Griffin said it was about amortizing it as much as possible. He said they signed up one of the largest outstanding accounts with about a $50,000 balance to a 12-month plan, and after a month that business said it was a growing concern for their financial stability.

Councilmember Zegerman said that customer was in that position by choice.

Deputy Town Manager Purvis said if a business must close, the debt won't be collectable at all. He said extending it further for businesses increases the chance for the debt to be collected. He said changes can be made. He said this is the first time the Town has had commercial payment plans.

Director Griffin said the Town is not planning to continue offering those plans for businesses after this situation passes.

[SLIDE 18]



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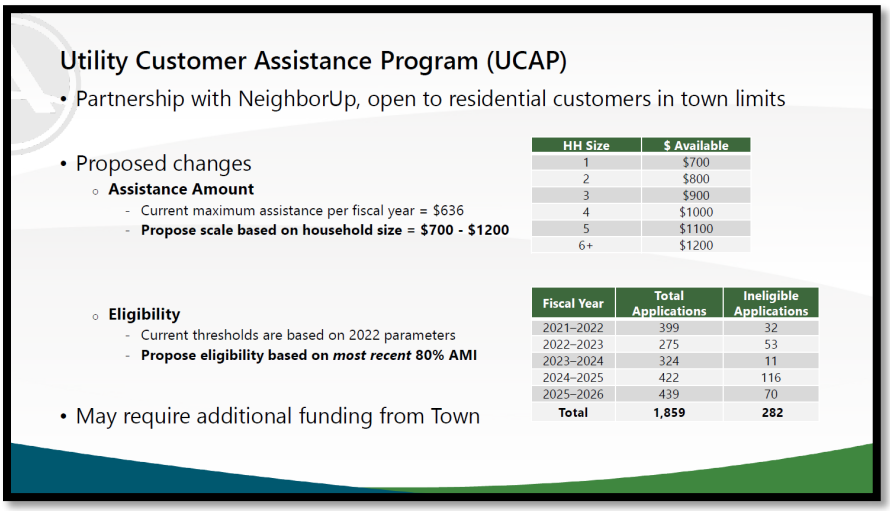


HH Size	$ Available
1	$700
2	$800
3	$900
4	$1000
5	$1100
6+	$1200

Fiscal Year	Total Applications	Ineligible Applications
2021–2022	399	32
2022–2023	275	53
2023–2024	324	11
2024–2025	422	116
2025–2026	439	70
Total	**1,859**	**282**

Councilmember Mu asked what the number was for 80% AMI was.

Assistant Town Manager John said for a family of 4 it was $76,554.

Mayor Pro-Tempore Mahaffey asked what the fund balance was.

Director Griffin said about $12,000, but it had also been funded through Apex Cares.

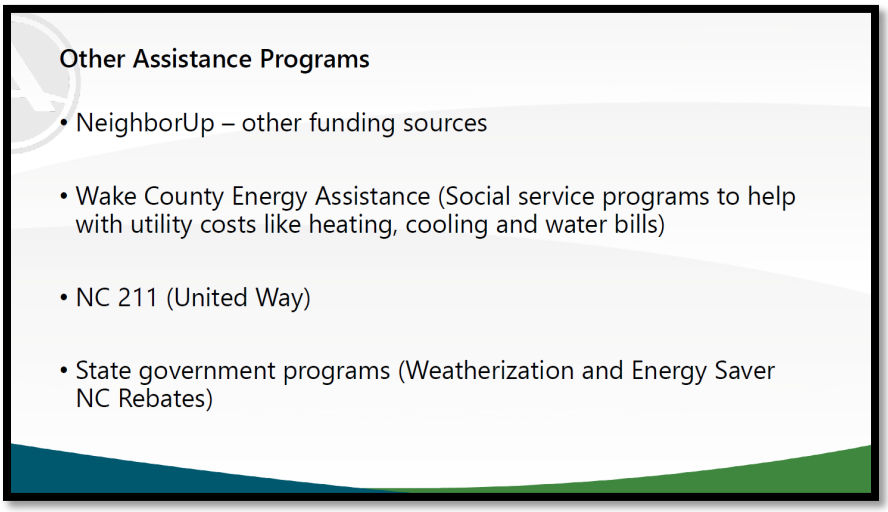
Mayor Pro-Tempore Mahaffey said it was refilled every year.

Director Griffin said essentially, a portion from Apex Cares allocation goes to this program.

Mayor Gilbert asked about other assistance sources.

Director Griffin said he'd cover that on the next slide.

[SLIDE 20]



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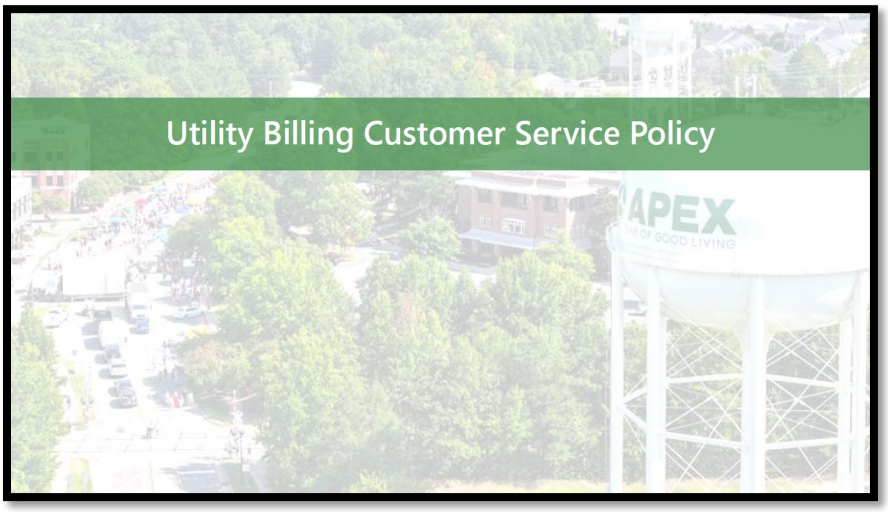

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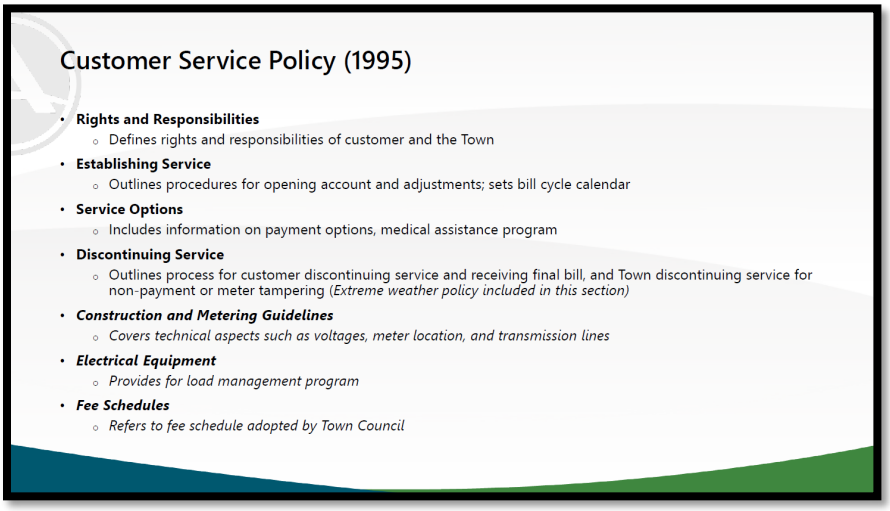


Councilmember Reese said he was concerned about the situation in Rocky Mount and said they had considered revising it to 90 degrees for their disconnection policy.

Town Manager Vosburg said they can look at the data from the past year and see where the thresholds may be.

Councilmember Gray said he would be interested in seeing the highest average temperatures over a period of time.

Councilmember Zegerman asked how this worked in practice.

Deputy Town Manager Purvis said it is based around the billing cycles in which extreme temperatures occur.

Mayor Pro-Tempore Mahaffey asked if they had thought about staged disconnections for electric and water/sewer.

Deputy Town Manager Purvis said typically once electric is cut, people will pay their bill to reestablish service. He said water/sewer would typically only be cut if that was the only service a customer had.

Mayor Pro-Tempore Mahaffey asked about cutting service back on for a disconnected account if extreme temperature came while they were still cut off.

Deputy Town Manager Purvis said that is a possibility, but they would have to look at the logistics of it.

Assistant Town Manager Stone said that would be a logistical nightmare and very difficult for staff.

Councilmember Gray said they would have to think that through. He wondered about if the disconnection was Monday, and the extreme weather on Friday, should they reestablish the connection.

Town Manager Vosburg said they could also look at the forecast, but it complicates things further. He said staff are trying to exhaust all options before using disconnections.

Councilmember Mu asked if a household was disconnected and had it turned back on because of extreme weather, who would be responsible for the bill.

Town Manager Vosburg said it would still be billed to the customer.

Mayor Pro-Tempore Mahaffey said the language of the policy should be flexible enough for some discretion.

Councilmember Mu asked about seasonal businesses that have much higher revenues in only certain months, and if the payment plans could be tailored to that.

Director Griffin said that is likely why the Town has never used this model for businesses before.

Councilmember Gray said having the option to extend beyond 12 months may be appropriate, up to staff discretion. He said that helps to address moral hazards.

Councilmember Reese asked if nearby Municipalities use Millsoft.

Director Griffin said Cary uses Oracle, and Holly Springs currently uses Tyler.

Councilmember Reese said he was wondering about debt collection if a customer moved to a nearby Municipality.

Director Griffin said that would be through the broader utility program and not a specific software.

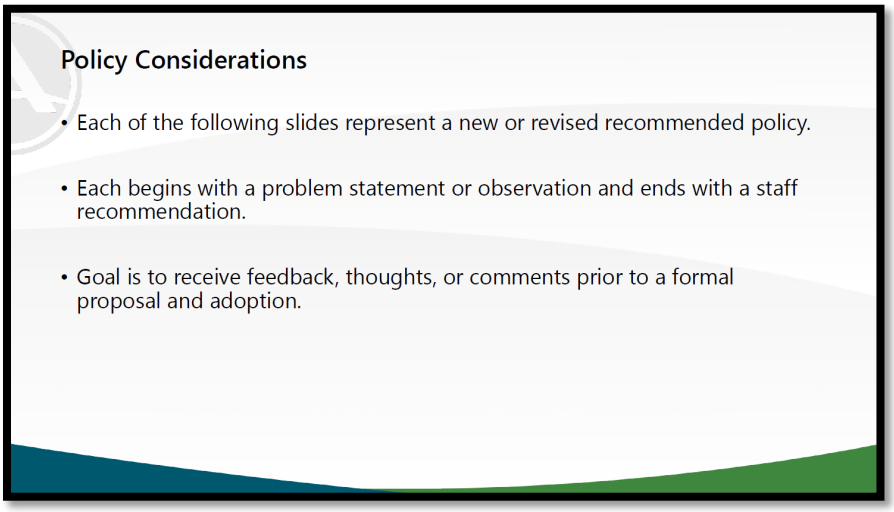
Mayor Gilbert asked if there were any master meters for water & sewer.

Director Griffin said there were some, but none were past due.

Deputy Town Manager Purvis said the Town tries to avoid using those where they can.

[SLIDE 23]

[SLIDE 24]



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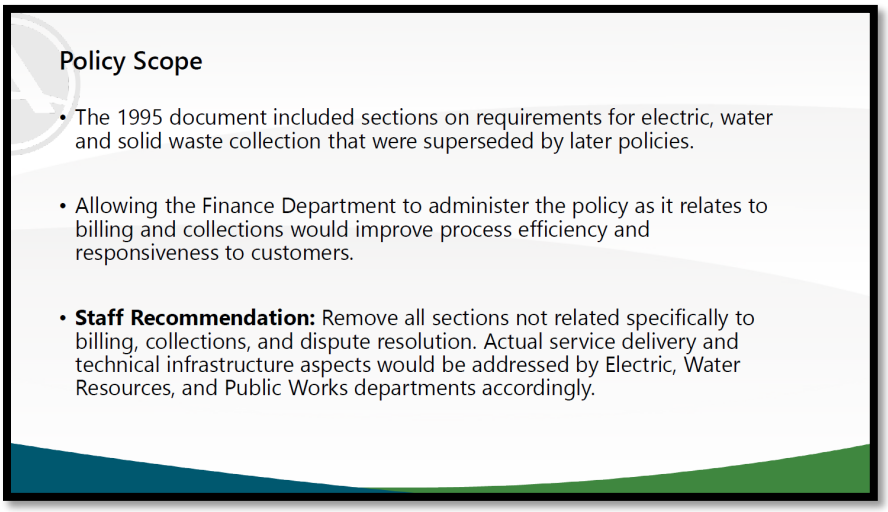

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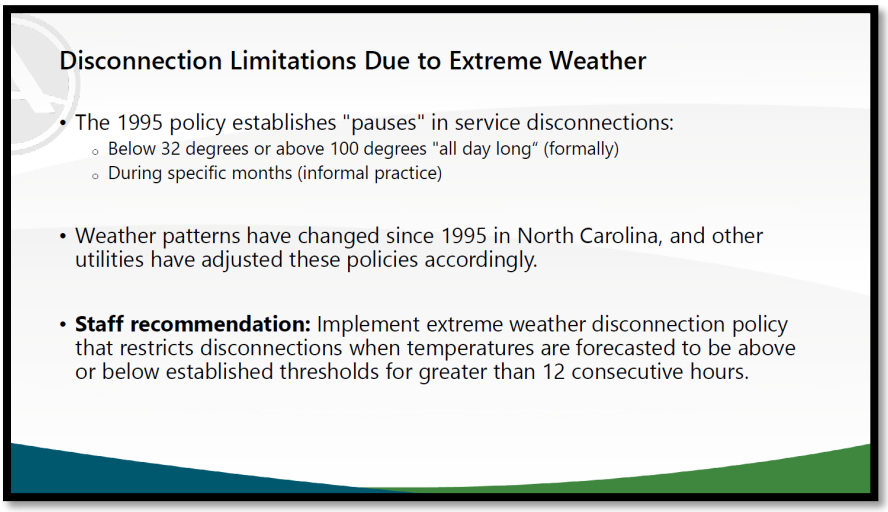

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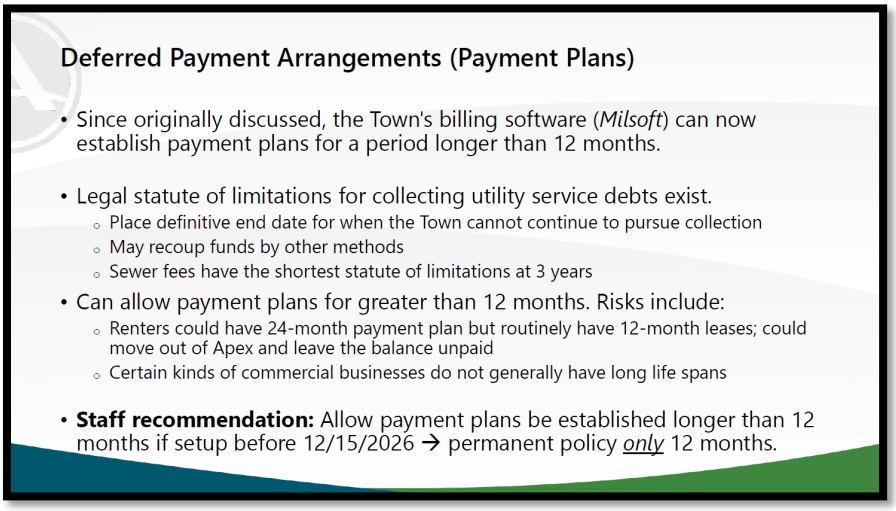

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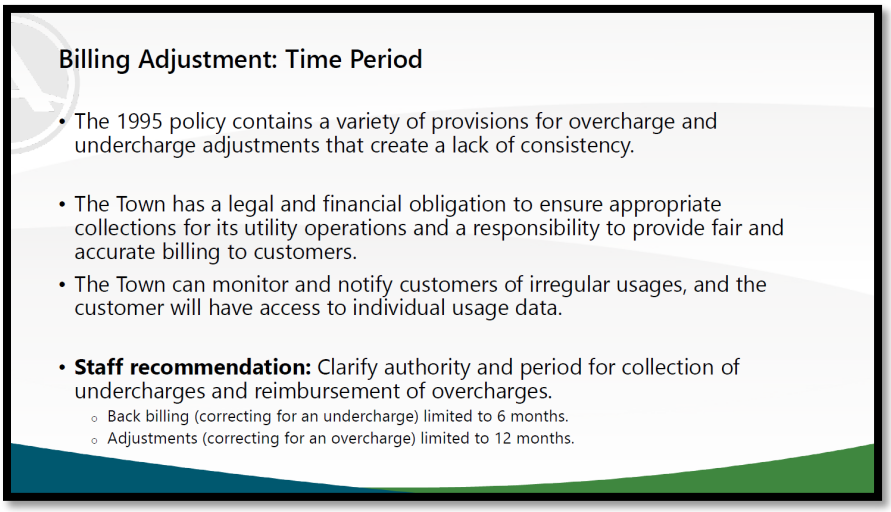

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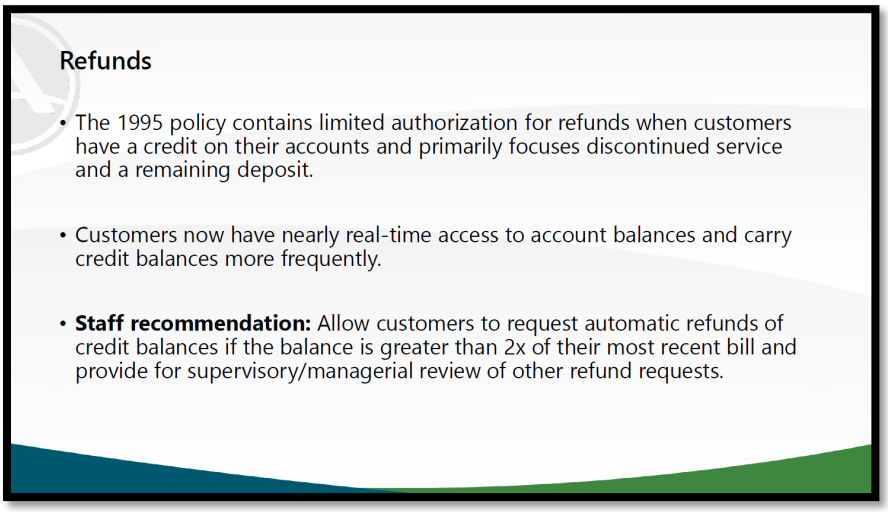


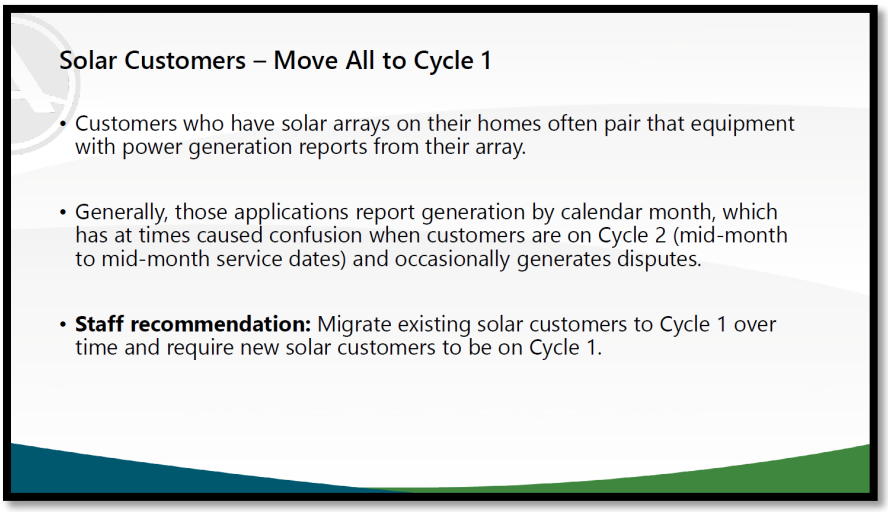
Councilmember Zegerman asked if refunds would be sent out if the balance hit 2x the recent bill.

Director Griffin said it would be based on a request basis.

Councilmember Gray asked about just crediting the accounts.

Deputy Town Manager Purvis said they do, but sometimes people may accidentally make a double payment, and this provides flexibility to help remedy that.

[SLIDE 30]

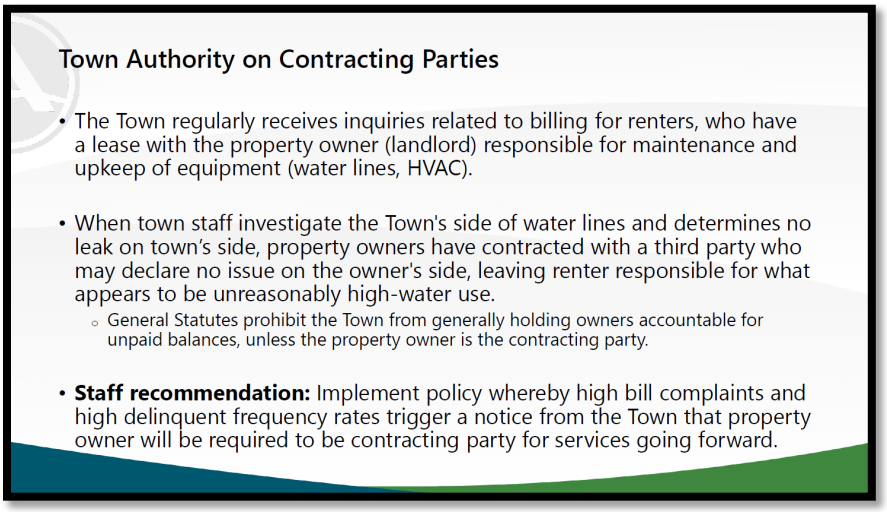


Councilmember Mu asked what percentage goes into the Town's system.

Director Griffin said it varies, and it's mostly to make sure the two parties are more on the same page.

Assistant Town Manager Stone said he thinks this would help with solar customers.

[SLIDE 31]



Councilmember Zegerman said this would be very specific.

Director Griffin said yes, this would be in specific cases.

Mayor Pro-Tempore Mahaffey said this would be a scenario where after a situation like this, a new renter would have to have the connection in the owner's name.

Director Griffin said that is correct.

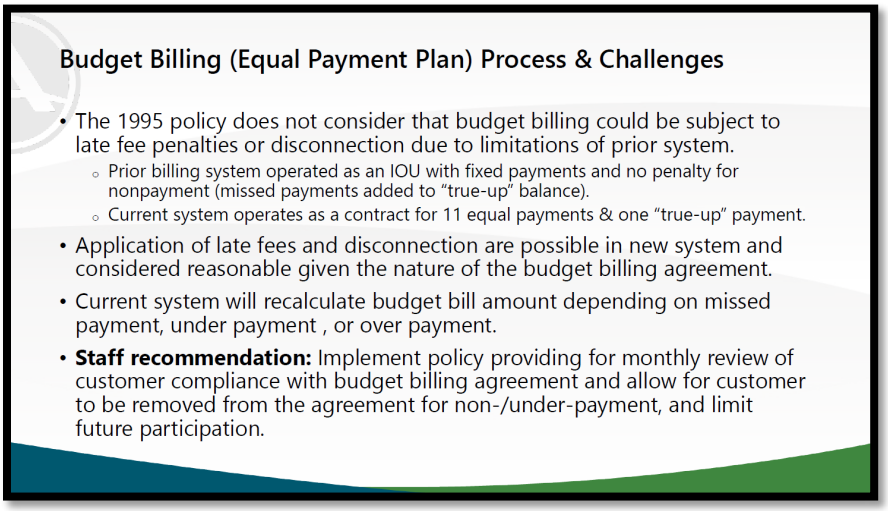
Councilmember Gray said he was concerned about people needing to have a utility bill in their name to prove locations for schools or other things.

Mayor Pro-Tempore Mahaffey said it should be a very rare issue, and this would be a way to hold the property owner responsible in the future.

Councilmember Gray said he was skeptical of the assumption of rarity. He said he would want to think this one through a little bit more.

Councilmember Zegerman said he was directionally okay with this but echoed some of Councilmember Gray's concerns.

[SLIDE 32]



Mayor Pro-Tempore Mahaffey asked when the true up occurs.

Director Griffin said it's always June, but that can be changed.

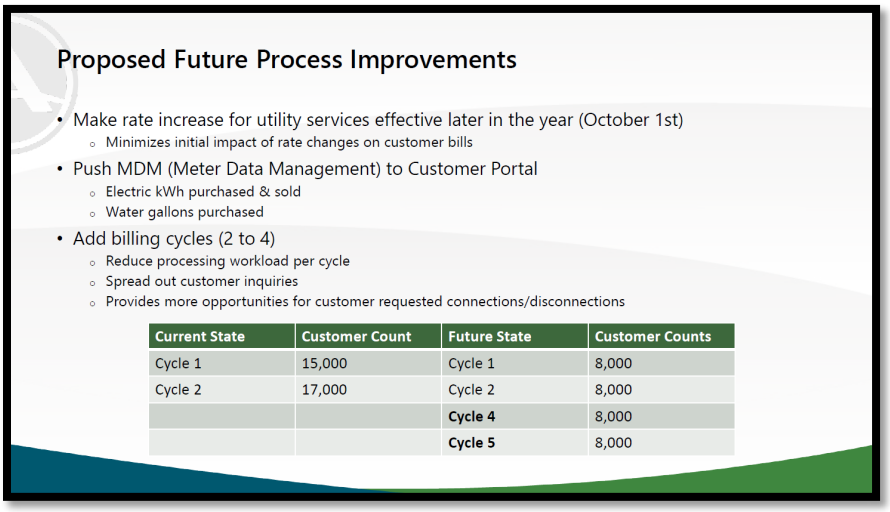
Mayor Pro-Tempore Mahaffey asked about how it's calculated.

Director Griffin said it's based on past 12 months, incorporating any increases in the next fiscal year.

Mayor Jacques K. Gilbert left the meeting at **5:12 p.m.**

[SLIDE 33]

[SLIDE 34]



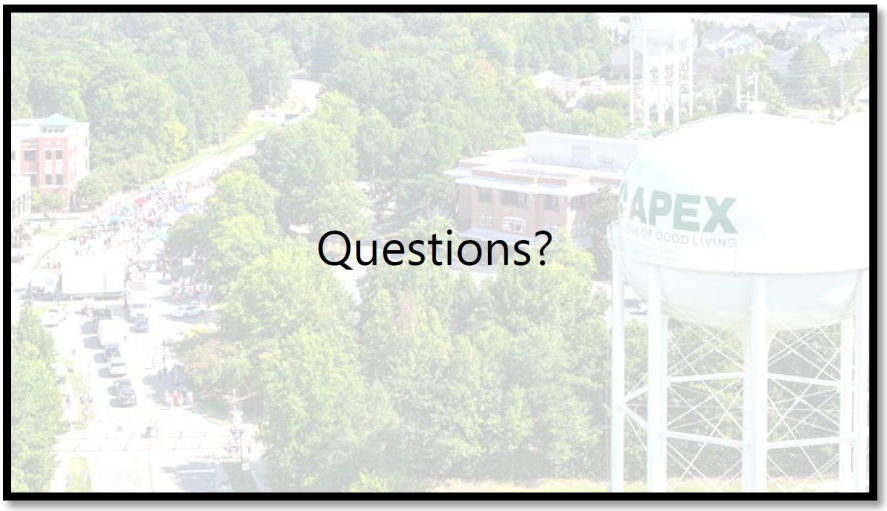
Mayor Pro-Tempore Mahaffey said there had been promises from the software about real time detections of leaks.

Deputy Town Manager Purvis said that is still planned.

Councilmember Zegerman said this would lead to a more steady state process.

Deputy Town Manager Purvis said it would, and it would take a little time to get there.

[SLIDE 35]



Councilmember Gray asked how much anticipated loss there would be in all of this.

Deputy Town Manager Purvis said they don't know those specific numbers, but they do expect some loss. He said staff is working to mitigate that through all of the tools available.

Councilmember Gray said he appreciated staff's efforts and attempts to keep people connected as much as possible to assist them and the Town in recovering the money owed. He said he was still concerned about individuals who have legitimate hardships in paying their bill, especially compared to people who have simply refused.

Town Manager Vosburg said the Town's goal is to help people as much as possible, while also being mindful to people who have been paying their bills. He said writing off losses would impact future rates. He said it's to everyone's benefit to get as much of this paid as possible.

Councilmember Zegerman said customers who are choosing not to pay their bills are only hurting other customers in Town.

Town Manager Vosburg there are also ways for individuals to help their neighbors in the community through some of the organizations.

Council thanked staff for their updates and work.

Deputy Town Manager Purvis said he wanted to provide information on next steps, and they would be sending that to them soon. He said they would continually provide updates on numbers and details, and the first disconnection would be planned around September 22nd. He said there is an operational plan in place to provide as much assistance and support to customers as possible around that time.

Mayor Pro-Tempore Mahaffey asked if staff was anticipating higher call volume.

Deputy Town Manager Purvis said yes, and staff is working to ensure that is addressed in the operational plan.

[RESIDENT ADVISORY BOARD APPOINTMENT PROCESS OVERVIEW]

Mayor Pro-Tempore Mahaffey said Mayor Gilbert had requested an Advisory Board process overview. He asked if the Council wanted to push this discussion to another meeting given the Mayor had to leave the meeting early.

Councilmember Gray said the Mayor had chosen to have it on the agenda. He added Council is clear on the process. He said this is a formalization of an informal process.

Mayor Pro-Tempore Mahaffey said it was his understanding that the item was intent to speak to the Advisory Board appointment procedures where voting by ballot was now part of the Rules and this discussion was intended to clarify any points before the next round of appointments on August 25, 2026.

Town Clerk Coleman said this would be looking at process changes in different scenarios, such as when there was consensus, when there was some agreement, when there was no consensus, or when there was no recommendation. He said there are 4 appointments scheduled for August 25th.

Mayor Pro-Tempore Mahaffey said they would still need to approve the procedure.

Councilmember Zegerman said the main scenario to be addressed is when the Mayor does not make a recommendation, as Council is currently not able to proceed without a recommendation from the Mayor as the current ordinance is written. He said in those scenarios, having people serve after their terms expired is against the spirit of the terms, and unfair to the board members. He said it's also disrespectful to the people who have applied, and there have been vacancies for long periods of time.

Councilmember Gray said the public would be able to see where the inaction is coming from without a change to the process.

Councilmember Zegerman said he would like to see an update where Council could make a recommendation if one did not come in from the Mayor within a certain timeframe.

Interim Town Attorney Meyer said this language would be included within the Town's Ordinances but that this change would require action by the Town Council at a future meeting.

Mayor Pro-Tempore Mahaffey said it comes down to the Council's willingness to allow the Mayor a "pocket veto" on the process, and if not, then they may want to proceed with changes. He said the intent is for the Mayor to provide recommendations to the Council. He said that their may be a handful of times where the Council does not support the Mayor's recommendation but in most circumstances Council has supported the Mayor's recommended candidate.

Councilmember Reese asked about the timeframe allowed.

Town Clerk Coleman said that is one of the clarifying questions for the Council to provide direction on.

Mayor Pro-Tempore Mahaffey said at this point there are a lot of vacancies and individuals that continue to serve in essentially terms that were expired.

Councilmember Reese said some of the boards are statutorily required, and having them individuals appointed to serve in positions is a disservice to the Town. He said vacancies for this length of time should be noted.

Mayor Pro-Tempore Mahaffey said it's about figuring out what to do without a recommendation. He said the Council does not currently have a rule and the ordinance is silent on whether the Council could put forward a recommendation in the absence of a recommendation from the Mayor.

Councilmember Zegerman said he would like to update the ordinance with a time limit or timeframe when recommendations are expected. He said potentially at a minimum or 30 days prior to a term expiring.

Mayor Pro-Tempore Mahaffey said the mention of appointments in the Town Code and the Town's Unified Development Ordinance. He said that the Town's Unified Development Ordinance (UDO) would require a public hearing before any changes could be made and any amendments would also require a recommendation from the Planning Board prior to Council considering the amendment.

Town Clerk Coleman said it's unclear on the specific direction regarding preparation of an ordinance amendment and asked for clarification on what next steps should be.

Councilmember Zegerman said he would like staff to prepare the appropriate language for the ordinance and UDO changes. He said he would like to require the Mayor to make a recommendation no more than 30 days prior to a term expiration, and if one was not made, Council would have the authority to proceed.

Interim Town Attorney Meyer said the ordinance would just say Council has the authority to make the appointments.

Mayor Pro-Tempore Mahaffey asked if the direction requested by Councilmember Zegerman was to prepare the ordinance not move to adopt the ordinance at this meeting.

Councilmember Gray said he would like to see the language before proceeding on approving it specifically.

Mayor Pro-Tempore Mahaffey said he also wanted the timelines for the ordinance and UDO amendment to be considered, to ensure boards didn't have different guidelines.

Councilmember Zegerman said both the UDO and Town Code amendments could come to the same meeting while still understanding and recognizing the UDO amendments require a recommendation from the Planning Board.

Town Clerk Coleman said staff could work on getting some options and timelines put together. He asked for clarification on when the Council would like to see the proposed amendments and where the appointments could remain on the August 25, 2026, Council Meeting Agenda as planned.

Mayor Pro-Tempore Mahaffey said the appointments could come back on August 25th under the current Town Code and UDO regulations related to resident advisory board appointments. He asked for clarification on the number of positions that Council would be taking action on and whether their was consensus among the nominated individuals.

Town Clerk Coleman said there was a consensus by Council for most of the positions, but there were no recommendations from the Mayor submitted that had been submitted to date.

Mayor Pro-Tempore Mahaffey asked for the PowerPoint overview originally scheduled for this meeting to be provided immediately before the Resident Advisory Board appointments on August 25.

Town Clerk Coleman said that he visually saw five head nods to proceed with preparing associated Town Code and Unified Development Ordinance amendments addressing the items presented to include a shock-clock on the Mayor to provide recommendations to Council within 30 days of an expiring term or unexpected vacancy and for the Council to have authority to make a recommendation and be voted on at the same time as the Mayor's recommendation.

Council provided verbal consensus.

Councilmember Gray asked for clarification on which positions was not agreed on by all Council.

Town Clerk Coleman said there is a chart he could get to them showing how each member voted. He said there were Culture and Arts, Parks and Rec, Planning Board, and Multimodal Transportation Board appointments to make, with multiple positions or categories on each.

Mayor Pro-Tempore Mahaffey asked if members were allowed to move between Boards and if that was a reason of one of the vacancies.

Town Clerk Coleman said yes, their have been members that have requested to move to other Boards for example one member moved from the Multimodal Transportation Advisory Board (MTAB) to the Planning Board and a member of the Culture and Arts Advisory Board had moved to the Board of Adjustment (BOA).

[ADJOURNMENT]

With no further business being presented before the Council, **Mayor Pro-Tempore Mahaffey** adjourned the meeting at **5:56 p.m.**

Jacques K. Gilbert
Apex, Mayor

Allen Coleman, CMC
Town Clerk to the Apex Town Council

Submitted for approval by Apex Town Clerk Allen Coleman

Minutes approved on _____ of _____, 2026.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Shweta Nanekar, Parks Planning Manager

Department(s): Parks, Recreation, and Cultural Resources

Requested Motion

A. Motion to approve a commitment of future matching funds, contingent upon grant award, for the Town's Land and Water Conservation Fund (LWCF) grant application to pursue up to $750,000 in grant funding for major park improvements, including playground renovations and Americans with Disabilities Act (ADA) accessibility improvements at Apex Community Park; and,
B. Motion to authorize Town staff to finalize, submit, and administer the LWCF grant application in coordination with state partners; and,
C. Motion to authorize the Mayor as the Chief Elected Official of the Town to execute the required LWCF Basic Facts and Assurances form and associated project exhibit maps.

Approval Recommended?

Yes

Item Details

Town of Apex has a unique and timely opportunity to leverage federal grant funding to significantly improve one of our most valued public spaces at Apex Community Park. The Land and Water Conservation Fund (LWCF) is a federal grant, administered at the State level requiring a dollar for dollar match. The grant cap was raised this year to $750,000 from $500,000 in past years.

To fully pursue this opportunity, we are asking elected officials to commit to providing the required matching funds if the grant is awarded. This commitment does not require immediate budget appropriation; it simply positions us to maximize external funding and ensures we can accept the grant when awarded.

There are several compelling reasons to support this funding commitment:

1. **This park is an ideal candidate for LWCF funding**

Apex Community Park development was funded through LWCF grant funds in 1990 and 1994. The entire park boundary is considered LWCF and has to comply with LWCF requirements in perpetuity. The current renovation project was also constructed in 1994 as part of the LWCF and meets all LWCF program requirements. This strong track record means the project is not only eligible, but competitive. LWCF prioritizes investments in parks with documented need, long-term community value, and readiness to proceed, making this project an ideal candidate to pursue this grant funding.

2. **The project is already part of our long-term capital improvement plan**.
The current CIP allocates 3.1 million dollars for improvements at this park, including shelter renovations, slated for 2028-29 fiscal year. As part of that plan, we are projecting that approximately 2.0 million dollars will be needed to renovate and expand the playground and make significant ADA accessibility improvements. These improvements align with our community's priorities for inclusive recreation, equity, and safety.
The LWCF grant would allow us to offset a substantial portion of this planned investment with external funding, reducing the financial burden on local taxpayers.

3. **Committing matching funds now strengthens our competitiveness and demonstrates readiness.**
A documented commitment to match funds signals to the state that our project is feasible and fully supported and is one of the mandatory requirements to submit the grant proposal. This readiness and commitment improve our chances of receiving the award and ensures project momentum if we are successful.
Parks Planning Staff is already working closely with Recreation Resource Services (NC State University's grant support team) and with the Division of Parks and Recreation (NCDNCR) to ensure the application is fully aligned with LWCF priorities, technically sound, and strategically positioned. Their guidance further increases the likelihood of success.

4. **This is a fiscally responsible approach that maximizes our investment**.
Commitment of match funding does not require us to spend additional dollars beyond what is already planned in the CIP. Instead, it allows us to stretch local dollars further. For every local dollar committed, we can potentially secure an additional dollar from the state making it a 100 percent return on investment.

5. **The improvements will serve our residents long term**.
Renovating the playground and making the park fully accessible are investments in children, families, people with disabilities, and the broader community. These upgrades enhance safety, usability, equity, and

environmental stewardship. With LWCF's support, we can build facilities that match the community's vision without compromising budget priorities elsewhere.

With the growing population of young families, there is already a high demand for our playgrounds which creates high utilization and maintenance needs at destination parks like Pleasant Park while smaller playgrounds remain underused. Updates to these aging facilities will help balance visitors and attract new ones looking for new experiences.

Attachments

- CN8-A1: LWCF Basic Facts and Assurances Form - Grant Application Authorization - Land and Water Conservation Fund (LWCF)
- CN8-A2: Boundary map park scale - Grant Application Authorization - Land and Water Conservation Fund (LWCF)
- CN8-A3: Boundary map project scale - Grant Application Authorization - Land and Water Conservation Fund (LWCF)
- CN8-A4: Project site plan - Grant Application Authorization - Land and Water Conservation Fund (LWCF)

APEX 1873 NORTH CAROLINA

LWCF Basic Facts and Assurances

Local Government Name: Town of Apex

Federal Employer I.D. Number: 56-6001166	**County:** Wake
Local Government Contact Person for the Grant: Name: Shweta Nanekar Title: Parks Planning Manager Organization: Town of Apex Mailing Address: P.O. Box 250 City/State/Zip: Apex, NC 27502 Telephone: (919) 249-3506 E-mail: Shweta.Nanekar@apexnc.org (must be an employee of the sponsoring local government)	**Local Government Manager:** Name: Randy Vosburg Title: Town Manager Mailing Address: P.O. Box 250 City/State/Zip: Apex, NC 27502 Telephone: (919) 249-3301 E-mail: Randy.Vosburg@apexnc.org
Chief Elected Official: Name: Jacques K. Gilbert Title: Mayor Mailing Address: PO Box 250 City/State/Zip: Apex, NC 27502	**Type of Project:** ☐ Land Acquisition Only ☒ Development Only (construction or renovation) ☐ Land Acquisition and Development
Site Control (check all that apply): ☒ Owned by local government ☐ To be obtained with this land acquisition project ☐ Has been obtained for this land acquisition project using an approved waiver that expires on this date: _____. ☐ Leased by applicant for 25 years or more ☐ Easement	**Costs rounded to nearest dollar:** LWCF funds requested: $750,000.00 Local government's matching funds: $750,000.00 Total cost of project $1,500,000.00

Project Name: 2026 Apex Community Park - Inclusive Playground Renovation

Certification and Approval by Local Governing Board

I hereby certify the information contained in the attached application is true and correct and the required dollar-for-dollar matching funds will be available during the project period. This application has been approved by the local governing board.

Chief Elected Official

(Print or Type Name and Title)	**(Signature/Date)**

If two local governments are applying together, this form must be completed and signed by each local government. One applicant must be identified by adding "primary sponsor" in the "Local Government Name" section.

This form must be complete in its entirety for your application to be considered

2026 Apex Community Park
Inclusive Playground Renovation

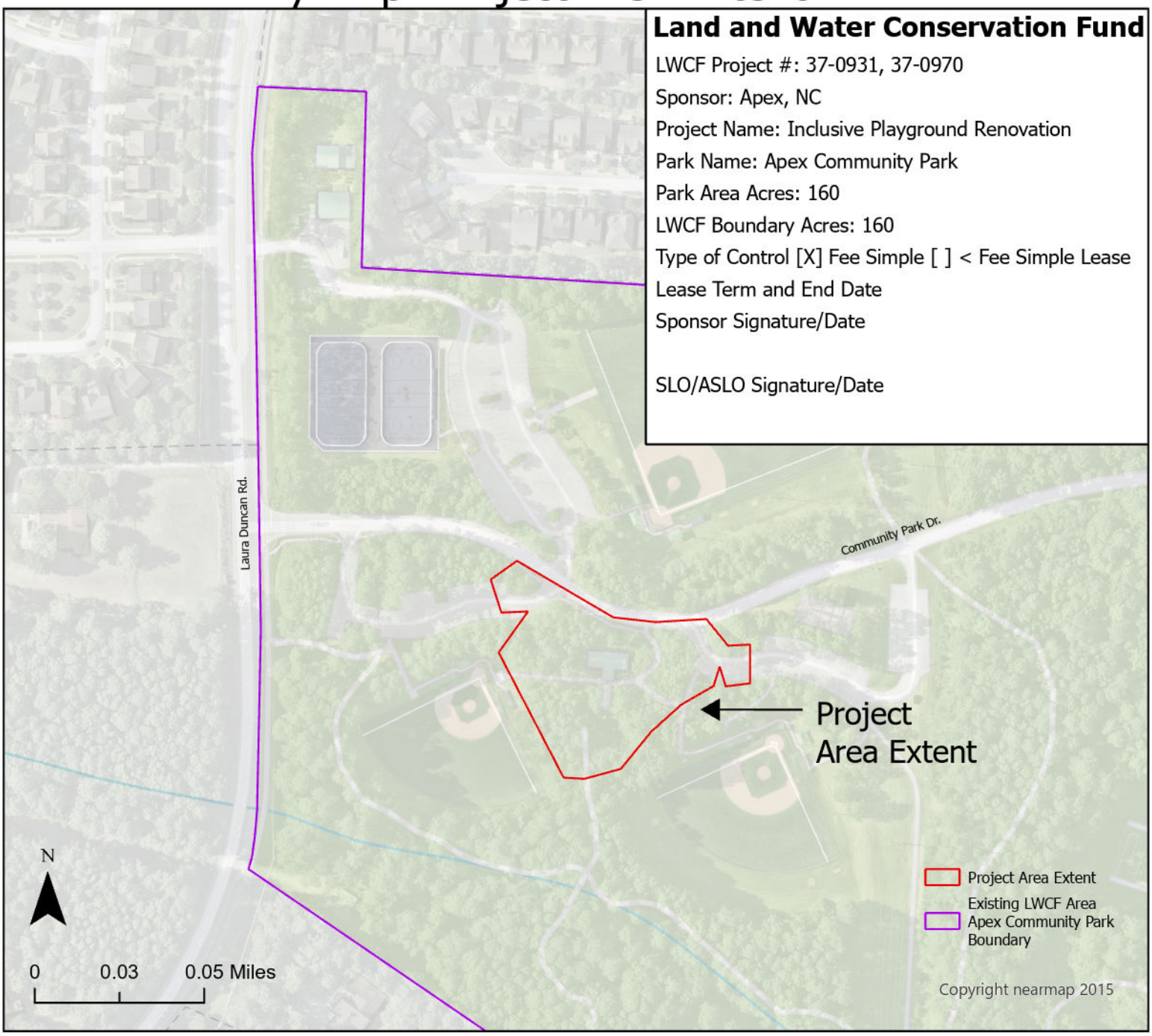
2300 Laura Duncan Rd, Cary, NC

35.7538, -78.8268

Laura Duncan Rd. Entrance: 35.7546, -78.8286

Lake Pine Dr. Entrance: 35.7468, -78.8160

LWCF Boundary Map: Project Area Extent



Project Area Extent: 1.63 Acres
Existing LWCF Area: 160 Acres
Total LWCF Area: 160 Acres

Sponsor/
Chief Elected Official

No leases or
outstanding interests

2026 Apex Community Park
Inclusive Playground Renovation

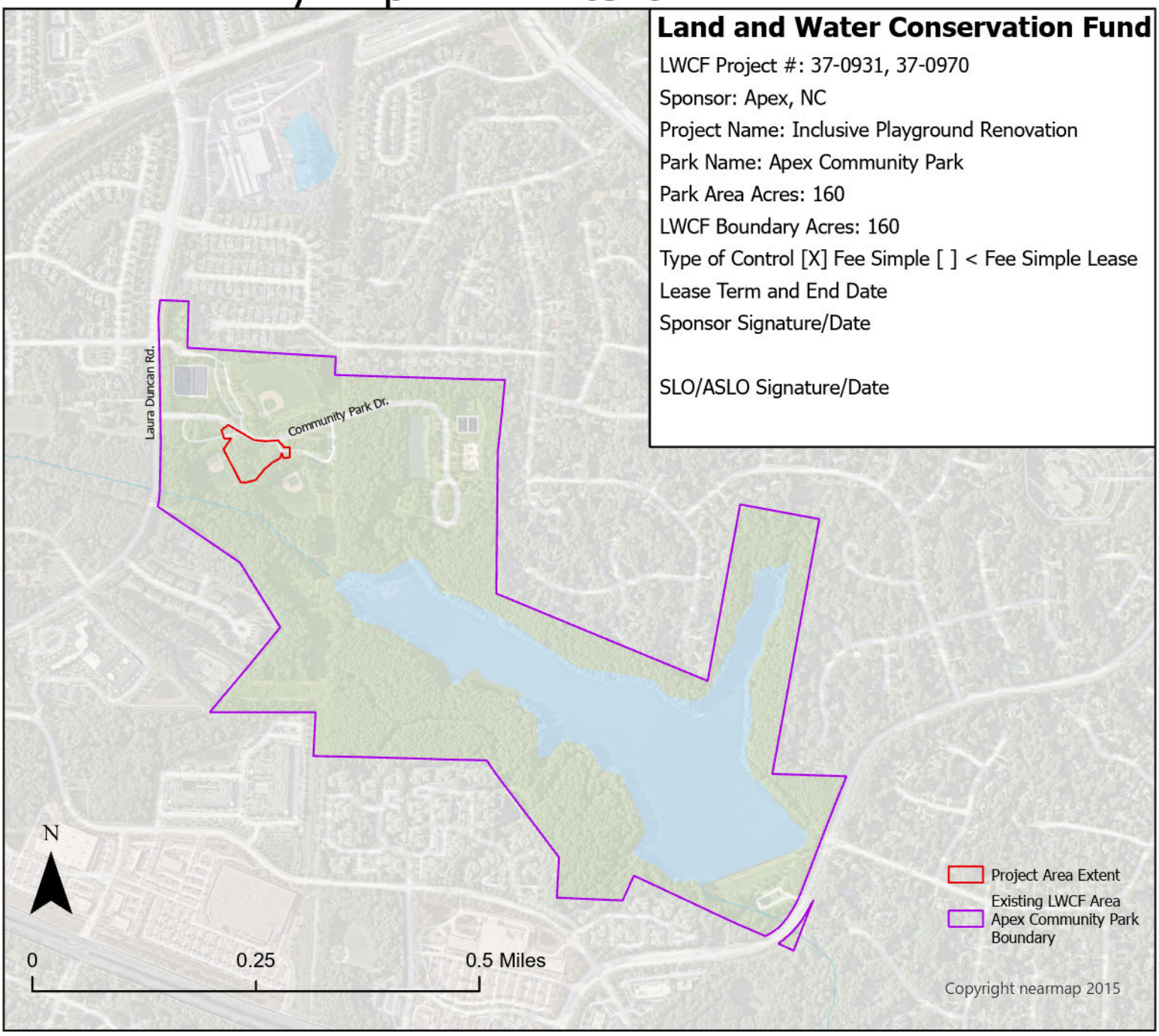
2300 Laura Duncan Rd, Cary, NC

35.7538, -78.8268

Laura Duncan Rd. Entrance: 35.7546, -78.8286

Lake Pine Dr. Entrance: 35.7468, -78.8160

LWCF Boundary Map: Park Extent



Project Area Extent: 1.63 Acres
Existing LWCF Area: 160 Acres
Total LWCF Area: 160 Acres

Sponsor/
Chief Elected Official

No leases or
outstanding interests

2026 Apex Community Park Inclusive Playground Renovation

Project Site Plan

Date Prepared: 08.25.2026

Land and Water Conservation Fund

LWCF Project #: 37-0931, 37-0970

Sponsor: Apex, NC

Project Name: Inclusive Playground Renovation

Park Name: Apex Community Park

Park Area Acres: 160

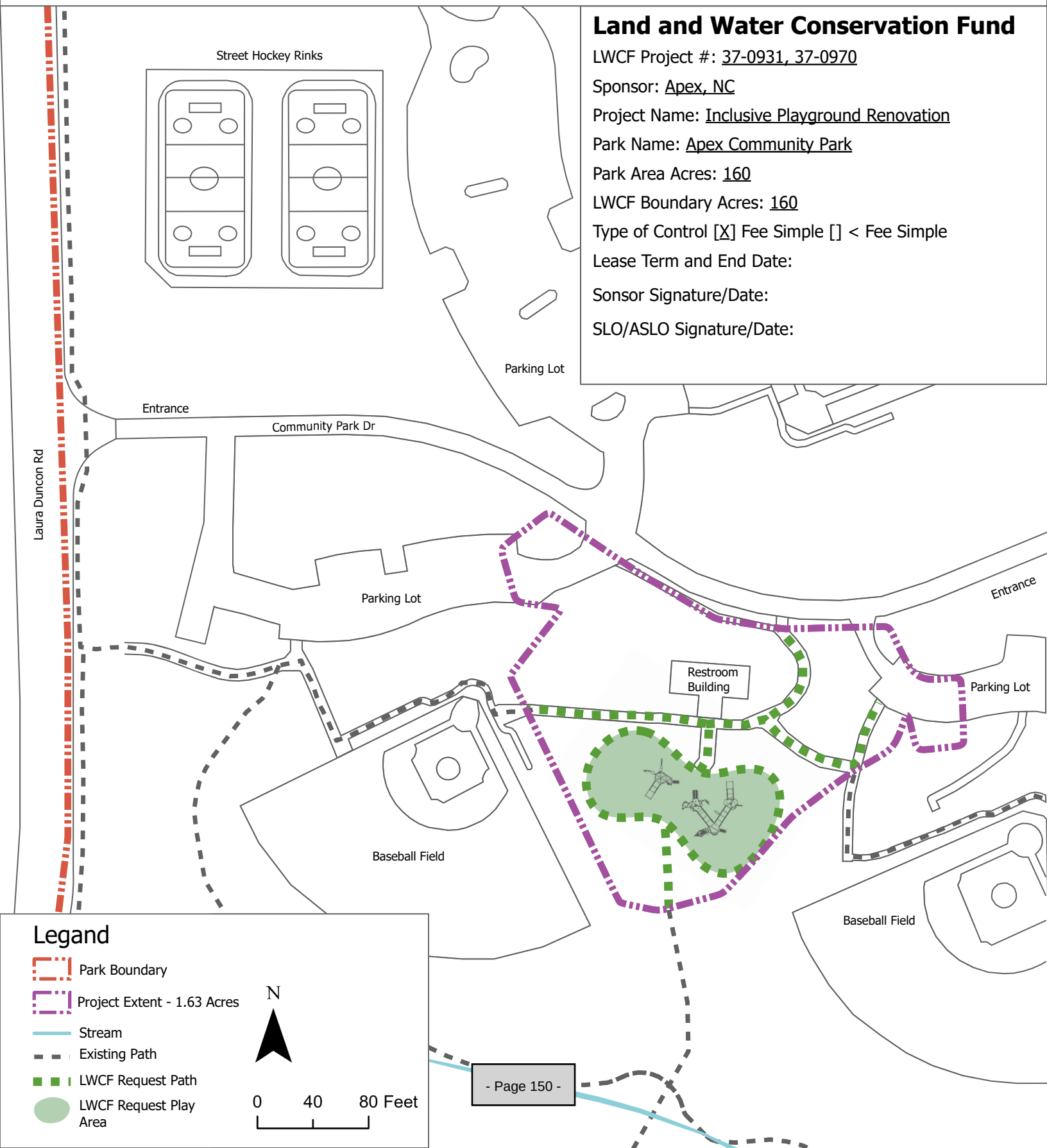
LWCF Boundary Acres: 160

Type of Control [X] Fee Simple [] < Fee Simple

Lease Term and End Date:

Sonsor Signature/Date:

SLO/ASLO Signature/Date:



| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Jonathan K. Jacobs, P.E., CFM, Director

Department(s): Water Resources

Requested Motion

Motion to adopt an ordinance amending Section 12-21(c) of the Town of Apex Code of Ordinances to expand allowance of out-of-town water and/or sewer to customers.

Approval Recommended?

Yes

Item Details

Section 12-21(c) of the Town of Apex Code of Ordinances specifies the requirements of which the Town may provide new water or sewer service outside of the town's corporate limits if the need is or will be created by a town condemnation action or town infrastructure project. The proposed amendment to Section 12-21(c) expands the allowance of new customers outside of the town's corporate limits from just residential dwelling units to any type of customer. This amendment is necessary as town condemnation action or town infrastructure projects are not limited to residential areas and may affect commercial properties. Additionally, other nomenclature within Section 12-21(c) related to acreage and capacity fees is being updated to "System Development Fees" to match the requirement of current North Carolina General Statutes.

Attachments

- CN9-A1: Ordinance Amendment – Chapter 12 – Municipal Utilities and Services, Section 12-21 – Out of town water and sewer service

ORDINANCE NO. 2026-_____

AN ORDINANCE TO AMEND SECTION 12-21 OF APEX TOWN CODE

THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF APEX AS FOLLOWS:

Section 1. Subsection (c) of Section 12-21 of the Town of Apex Code of Ordinances is hereby amended to read as follows with additions shown as bold underlined text and deletions shown as strikethrough text:

Sec. 12-21. – Out of town water and sewer service.

(c) Notwithstanding subsection (a) of this section, the town may provide new water or sewer service to a ~~residential dwelling~~ **new customer** outside of the town's corporate limits if the need for such service is or will be created by a town condemnation action or town infrastructure project. Persons receiving town water or sewer services for these reasons shall be charged the town's normal in-town rates and such persons shall not be charged the ~~acreage and capacity~~ **system development** fees that otherwise would be due for connecting the applicable service to the ~~residential dwelling~~ **customer**. This subsection does not affect the rates, ~~acreage and capacity~~ **system development** fees that would be due upon the development or change of use of the parcel upon which the ~~residential dwelling~~ **new customer** is located. Upon development or change of use of the parcel upon which the ~~residential dwelling~~ **new customer** is located, annexation ~~would be~~ **is** required to provide new service to the new uses resulting from development or to continue service to the changed use within ~~the~~ **a structure.** ~~was formerly used as the residential dwelling.~~ Whether a ~~residential dwelling~~ **new customer** qualifies under this subsection shall be determined by the water resources director.

Section 2. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed. If any part of this ordinance shall be adjudged invalid, such adjudication shall apply only to such part so adjudged and the remainder of the ordinance shall be deemed valid and effective.

Section 3. This ordinance shall be effective upon enactment.

Introduced by Council Member _____

Seconded by Council Member _____

Attest:

TOWN OF APEX, NORTH CAROLINA

_____

Allen L. Coleman, CMC, NCCCC
Town Clerk

_____

Jacques K. Gilbert
Mayor

Approved As To Form:

_____

Brian Meyer,
Interim Town Attorney

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Craig Setzer, Director

Department(s): Parks, Recreation and Cultural Resources

Requested Motion

Motion to amend the Code of Ordinances, Sec 15-6 Opening and closing town parks; remaining in parks after closing; forfeiture of right to use park to set the opening time to 5:30am for designated parks

Approval Recommended?

Yes

Item Details

Possible Motion to amend the Code of Ordinance, Sec. 15-6 Opening and closing town parks; remaining in parks after closing; forfeiture of right to use park, to set the opening time of designated parks from 630 am to 530am. Staff initiated a 8-month pilot program to allow park usage at 530am to allow for additional access to facilities by residents. At the end of the pilot program is was determined that the additional hour did not substantially increase staff demand or resources from either Parks, Recreation and Cultural Resources or Apex Police Department. The earlier opening time does not include opening of restroom facilities or gates for sports courts and fields. Parks included in the designated 530am opening are Apex Community Park, Apex Jaycee Park, Hunter Street Park, Kelly Road Park, Pleasant Park, Salem Pond Park, Nature Park and Seymour Athletic Fields & Seagrove's Farm.

The Parks and Recreation Advisory Board (PRAB) recommended staff's plan to pilot the earlier opening time prior to the 8-month program. The PRAB reviewed the results of the pilot program and at their September 30, 2026 meeting recommended staff's proposal to amend the Code of Ordinances to open designated parks at 530am.

Attachments

- CN10-A1: Ordinance Amendment - Chapter 15 Parks and Recreation, Section 15-6.

APEX 1873 NORTH CAROLINA

ORDINANCE NO.

AN ORDINANCE TO AMEND SECTION 15-6 OF APEX TOWN CODE

THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF APEX AS FOLLOWS:

Section 1. Subsection (a) of Section 15-6 of the Town of Apex Code of Ordinances is hereby amended to read as follows with additions shown as bold underlined text and deletions shown as strikethrough text:

Sec. 15-6. Opening and closing town parks; remaining in parks after closing; forfeiture of right to use park.

(a) Parks shall be open to the public daily during the times specified in this section. These times may be extended to accommodate programs offered by the town at the direction of the director of parks, recreation and cultural resources. Provided, however, the director of parks, recreation and cultural resources may close one or more parks or recreational facilities temporarily at any time if in the director's judgment a sufficient reason exists on account of severe weather or other emergency that would endanger persons using these facilities.

(1) *Apex Community Park, Apex Jaycee Park, Hunter Street Park, Kelly Road Park, Pleasant Park, Salem Pond Park, Nature Park and Seymour Athletic Fields:*

~~6:30~~ **5:30** a.m. until 10:00 p.m.

Provided, however, the Rogers Family Skate Plaza located within the Hunter Street Park shall be open year round, 24 hours a day. These extended hours shall apply exclusively to the Rogers Family Skate Plaza and no other areas of Hunter Street Park. Also provided that Apex Community Park shall be open for purposes of public boating pursuant to subsection 15-7(l) and fishing pursuant to subsection 15-7(q) on the pond therein from 6:30 a.m. until sunset, as defined by the National Weather Service, unless otherwise ordered by the director of parks, recreation and cultural resources.

(2) *Clairmont Park:*

Sunrise until 9:00 p.m.

(3) *Seagrove's Farm Park:*

~~6:30~~ **5:30** a.m. until 9:00 p.m.

(4) *West Street Park, Sue Helton Park, Kelly Glen Park, and all other town parks not listed above:*

Sunrise until Sunset

Section 2. It is the intention of the governing body, and it is hereby ordained that the provisions of this ordinance shall become and be made a part of the Code of Ordinances and the sections of this ordinance may be renumbered to accomplish such intention.

Section 3. Severability, Conflict of Laws. If this ordinance or application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance which can be given separate effect and to the end the provisions of this ordinance are declared to be severable. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

Section 4. Effective Date. This ordinance shall be effective upon adoption.

Introduced by Council Member: _____

Seconded by Council Member: _____

This the ___ day of October, 2026.

_____
Jacques K. Gilbert
Mayor

ATTEST:

_____
Allen L. Coleman, CMC, NCCCC
Town Clerk

APPROVED AS TO FORM:

_____
Brian Meyer
Interim Town Attorney

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Joshua Killian, Planner III

Department(s): Planning

Requested Motion

Motion to approve the Statement of the Town Council and Ordinance for Rezoning Application No. 26CZ06, VertexSquare LLC, applicant, for the property located at 3208 US 64 Highway West (PIN 0722368361).

Approval Recommended?

The Planning Department recommends approval.

Item Details

Rezoning Application #26CZ06 was approved at the September 22, 2026, Town Council meeting.

Attachments

- CN11-A1: Statement of the Town Council and Ordinance to Amend the Official Zoning District Map - Rezoning Case No. 26CZ06 - Apex Light Industrial Phase III
- CN11-A2: Attachment A: Legal Description - Rezoning Case No. 26CZ06 - Apex Light Industrial Phase III

STATEMENT OF TOWN COUNCIL AND ORDINANCE AMENDING THE OFFICIAL ZONING DISTRICT MAP OF THE TOWN OF APEX TO CHANGE THE ZONING OF APPROXIMATELY 8.45 ACRES LOCATED AT 3208 US 64 HIGHWAY WEST FROM TECH/FLEX-CONDITIONAL ZONING (TF-CZ #22CZ21) TO TECH/FLEX-CONDITIONAL ZONING (TF-CZ)

#26CZ06

WHEREAS, VertexSquare LLC, applicant (the "Applicant"), submitted a completed application for a conditional zoning on the 1st day of May 2026 (the "Application"). The proposed conditional zoning is designated #26CZ06;

WHEREAS, the Planning Director for the Town of Apex, Dianne Khin, caused proper notice to be given (by publication and posting) of a public hearing on #26CZ06 before the Planning Board on the 14th day of September 2026;

WHEREAS, the Apex Planning Board held a public hearing on the 14th day of September 2026, gathered facts, received public comments and formulated a recommendation regarding the application for conditional zoning #26CZ06. A motion was made by the Apex Planning Board to recommend approval; the motion passed unanimously for the application for #26CZ06;

WHEREAS, pursuant to N.C.G.S. §160D-601 and Sec. 2.2.11.E of the Unified Development Ordinance, the Planning Director caused proper notice to be given (by publication and posting), of a public hearing on #26CZ06 before the Apex Town Council on the 22nd day of September 2026;

WHEREAS, the Apex Town Council held a public hearing on the 22nd day of September 2026. Joshua Killian, Planner III, presented the Planning Board's recommendation at the public hearing;

WHEREAS, all persons who desired to present information relevant to the application for #26CZ06 were allowed to present evidence at the public hearing before the Apex Town Council. No one who wanted to speak was turned away;

WHEREAS, the Apex Town Council finds that the approval of the rezoning is consistent with the 2045 Land Use Plan and other adopted plans in that the 2045 Land Use Map designates this area as Office Employment/Commercial Services. This designation on the 2045 Land Use Map includes the zoning district Tech/Flex-Conditional Zoning (TF-CZ) and the Apex Town Council has further considered that the proposed rezoning to Tech/Flex-Conditional Zoning (TF-CZ) will maintain the character and appearance of the area and provide the flexibility to accommodate the growth in population, economy, and infrastructure;

WHEREAS, the Apex Town Council finds that the approval of the rezoning is reasonable and in the public interest in that: The proposed amendment to the existing zoning conditions will allow for an additional 30,000 square feet of non-residential development within a development and will maintain all other existing zoning conditions; and

WHEREAS, the Apex Town Council by a vote of 5 to 0 approved Application #26CZ06 rezoning the subject tract located at 3208 US 64 Highway West from Tech/Flex-Conditional Zoning (TF-CZ #22CZ21) to Tech/Flex-Conditional Zoning (TF-CZ).

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF APEX

Section 1: The lands that are the subject of the Ordinance are those certain lands described in Attachment "A" – Legal Description which is incorporated herein by reference, and said lands are hereafter referred to as the "Rezoned Lands."

Section 2: The Town of Apex Unified Development Ordinance, including the Town of Apex North Carolina Official Zoning District Map which is a part of said Ordinance, is hereby amended by changing the

zoning classification of the "Rezoned Lands" from Tech/Flex-Conditional Zoning (TF-CZ #22CZ21) to Tech/Flex-Conditional Zoning (TF-CZ) District, subject to the conditions stated herein.

Section 3: The Planning Director is hereby authorized and directed to cause the said Official Zoning District Map for the Town of Apex, North Carolina, to be physically revised and amended to reflect the zoning changes ordained by this Ordinance.

Section 4: The "Rezoned Lands" are subject to all of the following conditions which are imposed as part of this rezoning:

The Rezoned Lands may be used for, and only for, the uses listed immediately below. The permitted uses are subject to the limitations and regulations stated in the UDO and any additional limitations or regulations stated below. For convenience, some relevant sections of the UDO may be referenced; such references do not imply that other sections of the UDO do not apply.

Permitted Uses and Limitations:

1. Daycare facility
2. Drop-in or short term day care
3. Government service
4. Veterinary clinic or hospital
5. Vocational school
6. Utility, minor
7. Wireless support structure
8. Wireless communication
9. Entertainment, indoor
10. Greenway
11. Park, active
12. Park, passive
13. Youth or day camps
14. Commissary
15. Restaurant, general
16. Dispatching office
17. Medical or dental office or clinic
18. Medical or dental laboratory
19. Office, business or professional
20. Research facility
21. Artisan Studio
22. Convenience store
23. Convenience store with gas sales
24. Grocery, general
25. Grocery, specialty
26. Personal service
27. Printing and copying service
28. Real estate sales
29. Repair services, limited
30. Retail sales, general %
31. Studio for art
32. Tailor shop
33. Upholstery shop
34. Pet services
35. Automotive Accessory Sales and Installation
36. Repair and maintenance, general
37. Vehicle inspection center
38. Laboratory, industrial research
39. Microbrewery
40. Microdistillery
41. Woodworking or cabinet making
42. Wholesaling distribution center
43. Manufacturing and processing (S)
44. Manufacturing and processing, minor
45. Glass Sales
46. Building Supplies, wholesale

Use Conditions:

1. The maximum square footage of uses developed on the Property shall be **530,000** square feet.
2. The use Glass Sales shall be all indoors except what is stored on trucks. Outdoor truck parking for G lass Sales use must be fully screened from any public right-of-way.
3. No more than 15% of any building's square footage shall include outdoor storage.

4. Post development peak runoff shall not exceed pre-development peak runoff for the 24- hour, 1-year, 10-year, and 25-year storm events in accordance with the Unified Development Ordinance.
5. The project shall install one (1) sign per SCM to reduce pet waste and prohibit fertilizer, in locations that are publicly accessible, such as adjacent to amenity centers, sidewalks, greenways, or side paths.
6. Each building constructed on the property shall be pre-configured with conduit for solar PV systems.
7. The project shall use full cutoff LED fixtures that have a maximum color temperature of 3000k for all exterior lighting, including, but not limited to, parking lot and building mounted fixtures.
8. Before a Site Plan Final Plat approval for greater than 300,000 square feet of uses on the property, the project shall dedicate a variable width right-of-way adjacent to US HWY 64 consistent with the attached Exhibit 1. This newly established right-of-way shall require a 50-foot Type A buffer (instead of 100') from the right-of-way. Until such time, the project shall provide the UDO required 100' Type A buffer from US HWY 64.
9. The developer shall provide a continuous east-west public vehicular route (the "Local Connector") with sidewalk through the site from Goodwin Road to the eastern parcel boundary of the subject property to support the future extension of Lowell Road as planned with the Arden at Summit Pines development.
10. Buildings constructed on the property that are located south of the Local Connector shall be subject to the following architectural conditions:
    a. Buildings shall have vertical proportions. Expanses of blank wall shall not exceed sixty (60) feet in width without being interrupted with an architectural feature such as, but not limited to, a column, recess in or projection from the building façade. Permitted setbacks can be used to articulate bays of a building to break up its width. Architectural features such as, but not limited to, columns, piers, rooflines, and brick patterns can be used to divide and create vertical orientation on building facades. This would also include reveals in concrete tilt construction with integrated thin brick and contrasting paint colors, which add visual interest. The first twelve feet (12') in height of the front façade of all buildings shall be a minimum seventy-five percent (75%) brick.
    b. The main entry shall be human scaled and emphasized through the use of features such as, but not limited to, columns, piers, windows, recessed entries, sheltering elements, rooflines, trim, color change, material change and masonry patterns. Recessed arcades, entries flush with the building face and small entries without adjacent windows shall be avoided.
    c. The orientation of drive-thru lanes, pick-up windows, and other utilitarian building functions should not be oriented toward or located adjacent the street. When drive-thru lanes are located adjacent to a street, they shall be screened through the use of low walls and/or landscaping. No drive-thru lanes or pick-up windows shall front on US 64 Highway. Service bays shall be screened from surrounding public rights-of-ways or oriented towards the rear of the property. Service bays shall not be oriented towards US 64 Highway.
    d. Each façade shall have a rhythm that is repeated through the pattern of wall and openings. The building façade shall have an identifiable base, body, and cap with horizontal elements separating these components. Buildings shall not have blank side walls creating a false front appearance.
    e. The street level of the facades shall provide human scaled entries including, but not limited to, recessed entries, sheltering elements and adjacent storefront windows. Recessed arcades, entries flush with the building face, and small entries without adjacent windows shall be avoided.

f. Windows and storefront glazing shall be provided with different proportions to create a high-quality building design.

g. Thirty-five (35%) of glazing shall be provided at the street level. Overall building proportions shall be expressed in the window proportions. Expanses of vertical window which give the overall appearance of horizontal massing shall be avoided.

h. Buildings shall have more than one parapet height. Roofs may vary in compliance with UDO 9.3.2

i. Buildings shall be architecturally compatible and include more than one material color.

j. The exterior materials shall include a combination of building materials. The primary (front) façade of the main buildings to be considered include:

   i. Brick masonry

   ii. Decorative concrete block (either integrally colored or textured)

   iii. Stone accents

   iv. Aluminum storefronts with anodized or pre-finished colors.

   v. EIFS cornices and parapet trim

   vi. Precast concrete

   vii. Concrete tilt with a base wall paint color in conjunction with varying complimentary accent paint colors and integral thin brick, with associative percentages as outlined in item 1 above.

k. Exterior materials that shall not be allowed are as follows:

   i. Vinyl siding

   ii. Painted, smooth faced concrete block (decorative blocks are acceptable)

   iii. Metal walls

l. EIFS or synthetic stucco shall not be used in the first four feet above grade and shall be limited to only 25% of each building façade.

m. Soffits and facia materials may be EIFS, architectural panels, or other quality materials as determined by the building Architect during Site Plan review.

11. The perimeter buffer along the eastern boundary adjacent to Wake County PIN 0722-46-3330 shall be a minimum of 30' and shall be planted or preserved to the Type A buffer standard. The aforementioned buffer may be removed if the adjacent properties are developed with uses of the same or higher land use class according to UDO Sec. 8.2.6.B.4.

12. The project shall provide additional water quality stormwater controls to reduce the overall nitrogen export for the site to less than 10 lbs/ac/yr through the installation of State approved Storm water Control Measures (SCMs). The final selection of the SCMs used to reduce the nitrogen export from the site shall be selected by the design team and coordinated with staff during Site Plan and Construction Document design and review.

13. The following language shall be added to any subdivision and/or site plan final plats for this project: AVIGATION NOTICE: Deck Air Park, an active, general aviation airport open to the public, is located near this subdivision, and the flight paths of aircraft landing, taking off, and flying nearby pass directly over this subdivision. The lots shown on this plat will be subject to the impacts of the aviation uses being conducted to, from, at and nearby Deck Air Park for so long as that airport may continue to be used.

Ordinance Amending the Official Zoning District Map #26CZ06

Section 5: The "Rezoned Lands" shall be perpetually bound to the conditions imposed including the uses authorized, unless subsequently changed or amended as provided for in the Unified Development Ordinance. Site plans for any development to be made pursuant to this amendment to the Official Zoning District Map shall be submitted for site plan approval as provided for in the Unified Development Ordinance.

Section 6: This Ordinance shall be in full force and effect from and after its adoption.

Motion by Council Member_____

Seconded by Council Member_____

With ____ Council Member(s) voting "aye."

With ____ Council Member(s) voting "no."

This the _____ day of _____ 2026.

TOWN OF APEX

_____
Jacques K. Gilbert
Mayor

ATTEST:

_____
Allen Coleman, CMC, NCCCC
Town Clerk

APPROVED AS TO FORM:

_____
Town Attorney

AFFIDAVIT OF OWNERSHIP: EXHIBIT A – LEGAL DESCRIPTION

Application #: #26CZ06 Submittal Date:

Insert legal description below.

BEING all of Tract No. 2 containing 10.55 acres, more or less, according to that survey entitled "Property of and Recombination Survey for J.L. Wilkins, Heirs" dated September 23, 1985, drawn by Holland Land Surveys, J.H. Holland, Jr., R.L.S., recorded in Book of Maps 1985, Page 2322, Wake County Registry, and BEGINNING at a point located in the center line of U.S. Highway 64, which point is located approximately 480 feet West of the center line of the intersection of U.S. Highway 64 and State Road 1601; running thence with the center line of U.S. Highway 64, South 82 degrees 53 minutes 33 seconds West 722.72 feet to a point; thence North 00 degrees 22 minutes 20 seconds East 758.16 feet to a point in the Southern line of Tract No. 1; thence North 89 degrees 26 minutes 37 seconds East 443.34 feet to a 30" Black Gum located in the Southeast corner of Tract 1; thence North 89 degrees 33 minutes 19 seconds East 112.91 feet to an existing iron pipe; thence South 13 degrees 02 minutes 07 seconds East 691.73 feet to a point located in the center line of U.S. Highway 64, being the point and place of BEGINNING. Reference is made to the above-described survey for a more accurate description of the property.

LESS AND EXCEPT those areas taken as right of way by the North Carolina Department of Transportation for Project 8.T520904 (Widening of US 64 HWY) as described in that Consent Judgment recorded in Book 6170, Page 803, Wake County Registry.

Legal description below:

That the area acquired in, over, upon and across the hereinabove described property is described as follows:

AREA TAKEN:

NEW RIGHT OF WAY:

BEGINNING at the point of intersection of the existing northern right of way boundary of U.S. 64 with a western property line of John Brian Wilkins, a common property line with Benjamin H. Whitley, and running thence in a northerly direction along said property line to a point located 150 feet northerly of and normal to Survey line L; thence in an easterly direction along a line lying at all points 150 feet northerly of and normal to Survey line L to its point of intersection with an eastern property line of John Brian Wilkins, a common property line with Michael G. Jenks; thence in a southerly direction along said property line to its point of intersection with the existing northern right of way boundary of U.S. 64; thence in a westerly direction along the existing northern right of way boundary of U.S. 64 to the point and place of BEGINNING.

This description was prepared from Department of Transportation plans for Project 8.1520904, Wake County.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: CONSENT AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Motion to approve the Apex Tax Report dated September 17, 2026.

Approval Recommended?

Yes

Item Details

The Wake County Board of Commissioners, in regular session on October 5, 2026, approved and accepted the enclosed tax report for the Town of Apex, dated August 01, 2026, for the period of August 31, 2026.

Attachments

- CN12-A1: Tax Report for August 2026

WAKE COUNTY
NORTH CAROLINA

Board of Commissioners
P.O. Box 550 • Raleigh, NC 27602

TEL 919 856 6180
FAX 919 856 5699

DON MIAL, CHAIR
SAFIYAH JACKSON, VICE-CHAIR
VICKIE ADAMSON
SUSAN P. EVANS
CHERYL STALLINGS
SHINICA THOMAS
TARA WATERS

October 6, 2026

Mr. Allen Coleman
Town Clerk
Town of Apex
Post Office Box 250
Apex, North Carolina 27502

Dear Mr. Coleman:

The Wake County Board of Commissioners, in regular session on October 5, 2026, approved and accepted the enclosed tax report for the Town of Apex.

The attached adopted actions are submitted for your review; no local board action is required.

Sincerely,

Yvonne Gilyard
Clerk to the Board
Wake County Board of Commissioners

Enclosure(s)

Wake County Board of Commissioners Report

Date: 10/05/2026

Approved by: DocuSigned by: Kim Lorbacher 48E02562258A4D9...

Consideration of Requests for Taxes, Interest and Penalties **BETWEEN $100 AND $500 FOR APEX**

No.	Payee	Account Number	Tax & Penalty Rebated		Total Rebated	Total Refunded
1	DELARUE, CAROLYN L 1185 SAINT CLOUD LOOP APEX NC 27523 6113	0004217114-2026-2026-000000	**City**	**133.25**	324.87	324.87
			County	191.62		
			City	**133.25**		
			County	191.62	324.87	324.87

*Total refunded may differ from total rebated due to to payee's remittance of interest or application of payment to other balances owed by the taxpayer.

Marcus D. Kinrade
Wake County Tax Administrator

Signed by: Marcus Kinrade 3C5063B04D7486...

Wake County Board of Commissioners Report

Date: 10/05/2026

Approved by: DocuSigned by: Kim Lorbacher 40E02502250A4D9...

Consideration of Requests for Taxes, Interest and Penalties **OVER $500 FOR APEX**

No.	Payee	Account Number	Tax & Penalty Rebated		Total Rebated	Total Refunded
1	CUSTOMERS COMMERCIAL FINANCE LLC ATTN: DANA GALVIN 60 PENHALLOW STREET STE 201 PORTSMOUTH NH 03801	0007046506-2025-2025-000000	**City**	**1,967.94**	4,782.85	4,782.85
			County	2,814.91		
2	CUSTOMERS COMMERCIAL FINANCE LLC ATTN: DANA GALVIN 60 PENHALLOW STREET STE 201 PORTSMOUTH NH 03801	0007046506-2026-2026-000000	**City**	**1,882.47**	4,546.36	4,546.36
			County	2,663.89		
3	DEPOT 499 OWNERS ASSOCIATION INC PO BOX 97243 RAELIGH NC 27624	0000510001-2026-2026-000000	**City**	**2,802.74**	6,833.14	6,833.14
			County	4,030.40		
			City	**6,653.15**		
			County	9,509.20	16,162.35	16,162.35

al refunded may differ from total rebated due to to payee's remittance of interest or application of payment to other balances owed by the taxpayer.

Marcus D. Kinrade
Wake County Tax Administrator

Signed by: Marcus Kinrade 03C5083B04D7486...

WAKE COUNTY TAX ADMINISTRATION

08/01/2026 - 08/31/2026

Rebate Detail Report

APEX

DATE 09/17/2026 TIME 3:11:29 PM

REBATE NUM	PROPERTY	CITY TAG	LATE LIST	BILLED INTEREST	TOTAL REBATED	PROCESS DATE	ACCOUNT NUMBER	TAX YEAR	YEAR FOR	BILLING TYPE	OWNER
BUSINESS ACCOUNTS											
978450	8.53	0.00	0.85	0.00	9.38	8/31/2026	0006792984	2023	2023	000000	EYEMAXX INC
975669	0.00	0.00	229.14	0.00	229.14	8/12/2026	0007078121	2026	2026	000000	CONCRETE SUPPLY CO LLC
978452	6.90	0.00	0.69	0.00	7.59	8/31/2026	0006792984	2025	2025	000000	EYEMAXX INC
978451	6.59	0.00	0.66	0.00	7.25	8/31/2026	0006792984	2024	2024	000000	EYEMAXX INC
SUBTOTALS FOR BUSINESS ACCOUNTS	**22.02**	**0.00**	**231.34**	**0.00**	**253.36**	**253.36**		**4 Properties Rebated**			
BUSINESS REAL ESTATE ACCOUNTS											
977716	5,820.93	0.00	0.00	0.00	5,820.93	8/25/2026	0000343327	2026	2026	000000	UKRAINIAN AMERICAN SOCCER ASSN INC
975476	7,067.31	0.00	0.00	0.00	7,067.31	8/12/2026	0000524513	2026	2026	000000	BOWMAN PARTNERS INVESTMENTS LLC
SUBTOTALS FOR BUSINESS REAL ESTATE ACCOUNTS	**12,888.24**	**0.00**	**0.00**	**0.00**	**12,888.24**	**12,888.24**		**2 Properties Rebated**			
INDIVIDUAL PROPERTY ACCOUNTS											
976752	3.36	0.00	0.00	0.00	3.36	8/31/2026	0007071770	2026	2026	000000	ZEBNEY, ROBERT ANDREW
977741	161.52	30.00	0.00	0.00	191.52	8/27/2026	0007089463	2026	2025	000000	BARR, JACK CARSON JR
975467	25.21	0.00	0.00	0.00	25.21	8/7/2026	0007070597	2026	2026	000000	HARRIS, EDWARD DEAN
978435	2.45	0.00	0.00	0.00	2.45	8/31/2026	0006984819	2026	2026	000000	KELLY, BRET AARON
976923	237.20	30.00	0.00	0.00	267.20	8/24/2026	0007089328	2026	2025	000000	DALLAIRE, LUC RAYMOND
SUBTOTALS FOR INDIVIDUAL PROPERTY ACCOUNTS	**429.74**	**60.00**	**0.00**	**0.00**	**489.74**	**489.74**		**5 Properties Rebated**			

978087	94.20	0.00	0.00	0.00	94.20	8/31/2026	0000508737	2026	2026	000000	MILLET, ANNA CHUNSHI
978090	1,316.34	0.00	0.00	0.00	1,316.34	8/31/2026	0000521422	2026	2026	000000	BROWNING, HUNTER
978102	555.04	0.00	0.00	0.00	555.04	8/31/2026	0000082521	2026	2026	000000	JACOBY, BRIAN SCOTT
978084	94.20	0.00	0.00	0.00	94.20	8/31/2026	0000508741	2026	2026	000000	FU, YANKUN
978083	106.13	0.00	0.00	0.00	106.13	8/31/2026	0000508750	2026	2026	000000	RYU, JONG EUN
977736	599.36	0.00	0.00	0.00	599.36	8/31/2026	0000296352	2026	2026	000000	MCBRIDE, AMY D
976211	94.39	0.00	0.00	0.00	94.39	8/31/2026	0000508761	2026	2026	000000	SUN, DANJUN
976210	94.20	0.00	0.00	0.00	94.20	8/31/2026	0000508760	2026	2026	000000	LI, JIE
976209	94.20	0.00	0.00	0.00	94.20	8/31/2026	0000508742	2026	2026	000000	PRADHAN, HARSHAWARDHAN
976208	93.33	0.00	0.00	0.00	93.33	8/31/2026	0000508739	2026	2026	000000	RODRIGUEZ, LIVIA ZHAO
976207	94.20	0.00	0.00	0.00	94.20	8/31/2026	0000508736	2026	2026	000000	SURAVARAPU, BHANU PRASAD
978086	94.20	0.00	0.00	0.00	94.20	8/27/2026	0000508740	2026	2026	000000	BOGA, VISWANATH
977142	913.14	0.00	0.00	0.00	913.14	8/27/2026	0000434333	2026	2026	000000	CAFFERA, LINDA ANN
974702	581.12	0.00	0.00	0.00	581.12	8/3/2026	0000220786	2026	2026	000000	TEW, BETTY R
978088	95.23	0.00	0.00	0.00	95.23	8/31/2026	0000508751	2026	2026	000000	GOMIDE, CRISTIANO AUGUSTO
975492	169.69	0.00	0.00	0.00	169.69	8/12/2026	0000528718	2026	2026	000000	REILLY, CHELSEA KAISER
975491	158.98	0.00	0.00	0.00	158.98	8/12/2026	0000528707	2026	2026	000000	YU, HAITAO
975477	160.35	0.00	0.00	0.00	160.35	8/12/2026	0000525695	2026	2026	000000	STEPHANOS, MARK
975443	68.34	0.00	0.00	0.00	68.34	8/12/2026	0000517491	2026	2026	000000	JONNALAGADDA, JASWANTH KUMAR
975465	240.11	0.00	0.00	0.00	240.11	8/12/2026	0000520062	2026	2026	000000	MEDICHERLA, ARUNKUMAR
975466	240.98	0.00	0.00	0.00	240.98	8/12/2026	0000520066	2026	2026	000000	SINGH, SHALINEE
975468	239.59	0.00	0.00	0.00	239.59	8/12/2026	0000520069	2026	2026	000000	MOTHE, KARTHIK KUMAR
975469	236.94	0.00	0.00	0.00	236.94	8/12/2026	0000520208	2026	2026	000000	MARKUKU, RAKESH
975470	236.94	0.00	0.00	0.00	236.94	8/12/2026	0000520210	2026	2026	000000	KHAN, MOHAMMAD ALEEM TRUSTEE
975471	239.73	0.00	0.00	0.00	239.73	8/12/2026	0000520212	2026	2026	000000	JANANI, SAMIR KISHOR

975472	236.94	0.00	0.00	0.00	236.94	8/12/2026	0000520215	2026	2026	000000	BROWN, LILLIAN
975473	236.94	0.00	0.00	0.00	236.94	8/12/2026	0000520217	2026	2026	000000	LYNNYK, IRYNA
975474	236.94	0.00	0.00	0.00	236.94	8/12/2026	0000520227	2026	2026	000000	RAVURI, SUVARNA
975475	240.13	0.00	0.00	0.00	240.13	8/12/2026	0000520229	2026	2026	000000	SHANG, JUNJIE
SUBTOTALS FOR INDIVIDUAL REAL ESTATE ACCOUNTS	**7,861.88**	**0.00**	**0.00**	**0.00**	**7,861.88**	**7,861.88**		**29 Properties Rebated**			
WILDLIFE BOAT ACCOUNTS											
975420	97.91	0.00	0.00	0.00	97.91	8/7/2026	0004222017	2026	2026	000000	ROBINSON, PAUL WILL
977175	93.38	0.00	0.00	0.00	93.38	8/24/2026	0004226503	2026	2026	000000	STANKO, JASON PAUL
977718	147.17	0.00	14.72	0.00	161.89	8/27/2026	0004225954	2026	2026	000000	BUSH, MICHAEL FREDERICK
976751	42.99	0.00	0.00	0.00	42.99	8/31/2026	0004226807	2026	2026	000000	ZEBNEY, ROBERT
SUBTOTALS FOR WILDLIFE BOAT ACCOUNTS	**381.45**	**0.00**	**14.72**	**0.00**	**396.17**	**396.17**		**4 Properties Rebated**			
TOTAL REBATED FOR TAX	**21,583.33**	**60.00**	**246.06**	**0.00**	**21,889.39**	**21,889.39**		**44 Properties Rebated for City**			

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: TOWN COUNCIL COMMITTEE REPORTS

Meeting Date: October 13, 2026

Item Details

Presenter(s): Jacques K. Gilbert, Mayor, Public Safety Committee Chair
Edward Gray, Public Safety Committee Member

Department(s): Governing Body

Requested Motion

Receive as information an update on the Public Safety Committee meeting held on Thursday, October 01, 2026.

Approval Recommended?

N/A

Item Details

The Public Safety Council Committee held its initial meeting on Thursday, October 1, 2026. The Committee is chaired by Mayor Jacques K. Gilbert, with Councilmember Edward Gray serving as the other Committee member. The Committee's work focuses on public safety policy matters involving police, fire, emergency medical services, and emergency management, providing an opportunity for focused discussion and review of matters referred by the Town Council.

During the meeting, the Committee reviewed its purpose and operating framework and received an update on the Town's Emergency Management Program. Staff highlighted ongoing efforts to strengthen emergency preparedness, including updates to emergency operations plans, improvements to emergency communications and response coordination, and priorities for continued training and planning.

The Committee also discussed electric bicycles (e-bikes) and potential ordinance amendments in response to recent changes in State law taking effect December 1, 2026. Staff was directed to evaluate regulations adopted by other municipalities, review available regulatory authority, and develop potential recommendations addressing safety, enforcement, and community education. Time-sensitive recommendations are anticipated to return to the Committee in November.

Additionally, the Committee held an initial discussion regarding the Town's Automated License Plate Reader (ALPR) Program, focusing on balancing public safety benefits with resident privacy concerns, transparency, data access, retention, and internal safeguards. Staff was asked to provide additional information and policy considerations to assist the Committee in evaluating the program's future, particularly in advance of the current contract's January 31, 2027 expiration. No formal recommendation regarding the ALPR Program was made during this meeting, with additional discussion being anticipated in December.

The Committee also reviewed the proposed Axon Agreement involving DroneSense software and interview room cameras. Following discussion, the Committee reached consensus to recommend approval of the Agreement by the full Town Council, with the item scheduled to return for consideration on October 13, 2026.

The Committee received a legislative update highlighting recent State law changes affecting public safety operations, law enforcement personnel, and municipal responsibilities. The Committee also established a regular meeting schedule for the first Thursday of each month at 3:00 p.m., beginning November 5, 2026, with the understanding that the schedule may be adjusted as necessary.

Mayor Gilbert and Councilmember Gray will provide the Town Council with a high-level recap of the Committee's discussions, recommendations, and anticipated next steps.

Attachments

- TR1-A1: Public Safety Council Committee Agenda Packet – October 01, 2026
- TR1-A2: DRAFT Meeting Minutes – Public Safety Committee Meeting October 01, 2026

AGENDA | SPECIAL MEETING
PUBLIC SAFETY COMMITTEE

Thursday, October 1, 2026 at 3:00 pm

Apex Town Hall
3rd Floor Training Room A
73 Hunter Street, Apex, NC

Town Council Committee Members and Senior Executive Leadership

Mayor Jacques K. Gilbert, Chair | Councilmember Edward Gray, Committee Member
Town Manager: Randal E. Vosburg
Deputy Town Manager: Shawn Purvis
Assistant Town Managers: Demetria John and Marty Stone
Town Clerk: Allen Coleman | Interim Town Attorney: Brian Meyer

Public Safety Committee Objective: *Public safety policy direction in areas of interest including police, fire, EMS, and emergency management.*

1) **Call to Order, Welcome, and Review of Agenda**
   Mayor Jacques K. Gilbert, Chair

2) **Objective/Charter of the Public Safety Committee**
   Mayor Jacques K. Gilbert, Chair
   Allen Coleman, Town Clerk

3) **Emergency Management Program Update**
   Taylor Sanchez, Emergency Management Coordinator, Town Manager's Office

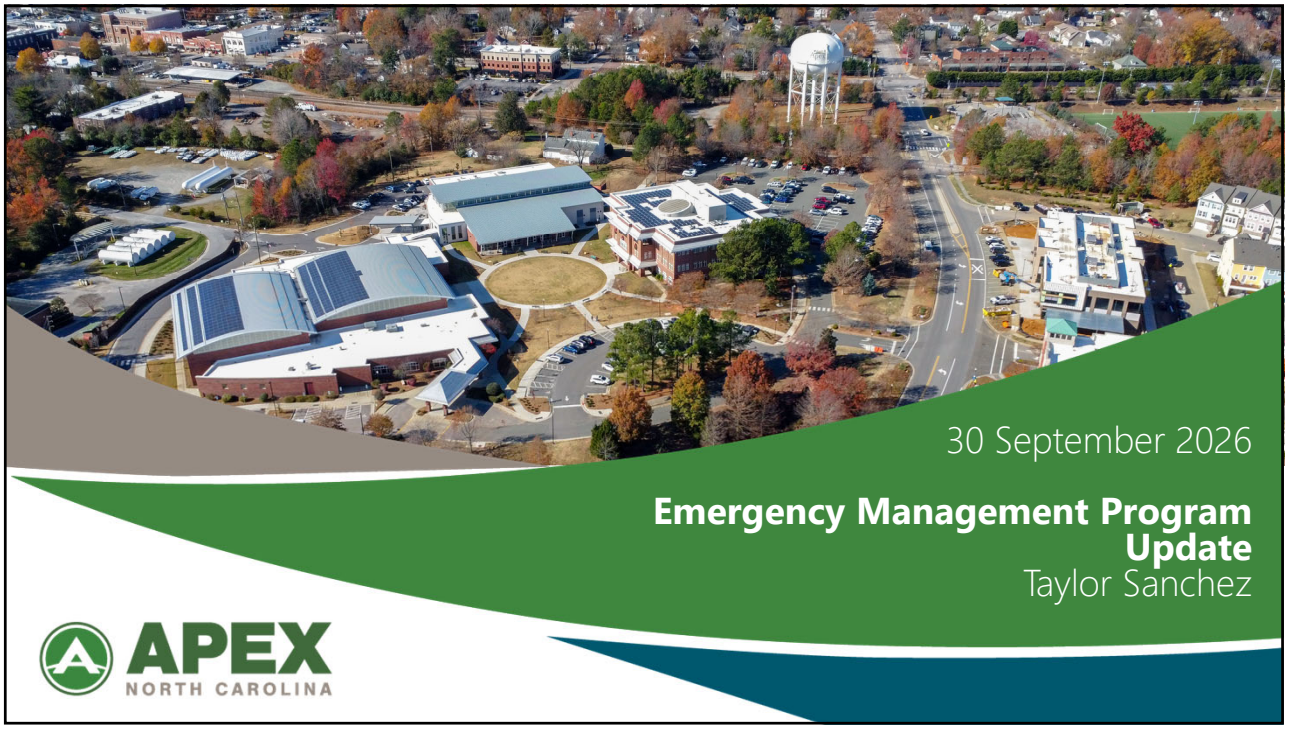
4) **Discussion of e-Bikes and potential future ordinance amendments**
   Chief Ryan Johansen, Apex Police Department

5) **Discussion of Town Council referred items:**
   Mayor Jacques K. Gilbert, Chair
   Chief Ryan Johansen, Apex Police Department
   a. *Automated License Plate Reader Program – Discussion only*
   b. *Axon Agreement for Air DroneSense Software and Interview Room Cameras – Anticipated Committee Recommendation*

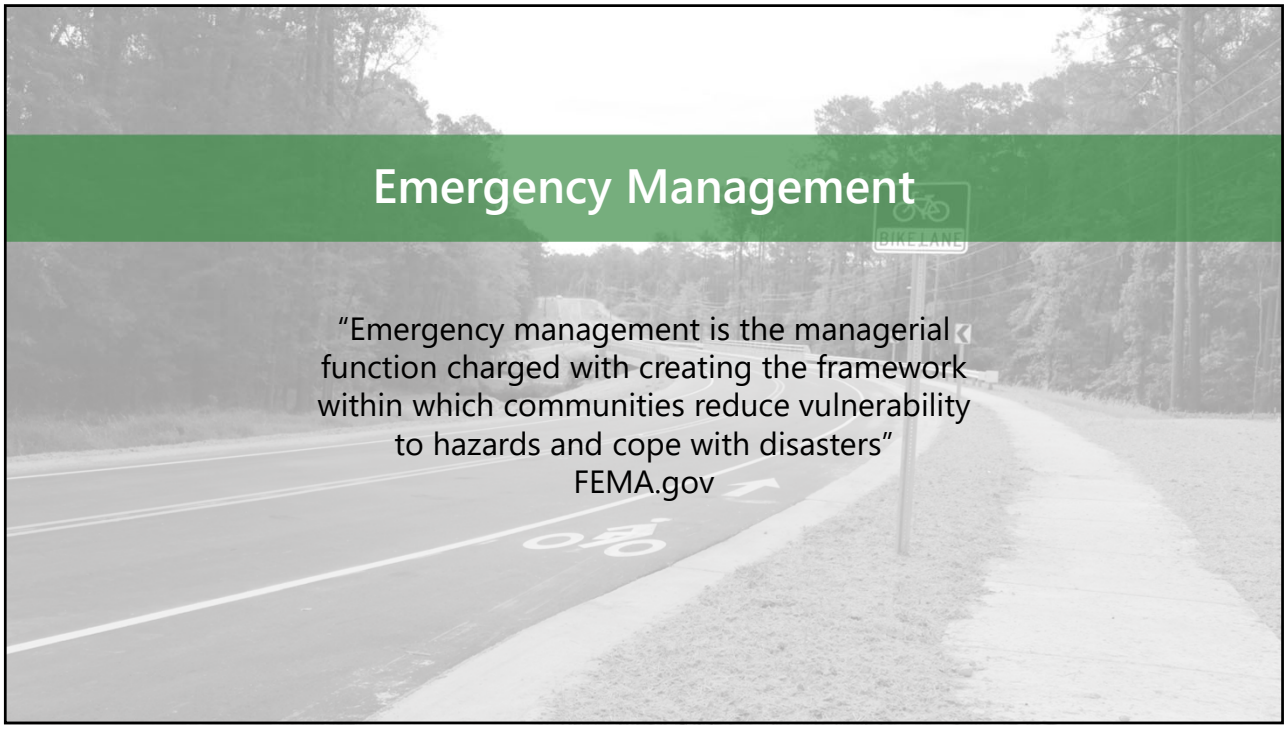
6) **Legislative Updates**
   Allen Coleman, Town Clerk

7) **Future Meeting Dates Discussion and Potential Adoption**
   Allen Coleman, Town Clerk
   a. *Transparency and Accessibility Options*

8) **Closing Remarks and Adjournment**


30 September 2026
Emergency Management Program Update
Taylor Sanchez
APEX
NORTH CAROLINA

1


Emergency Management
"Emergency management is the managerial function charged with creating the framework within which communities reduce vulnerability to hazards and cope with disasters"
FEMA.gov

2

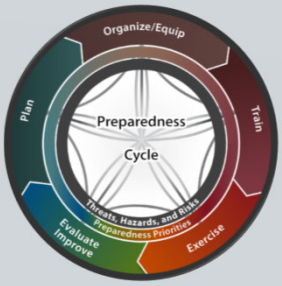
Building the Emergency Management Framework

Establishing structure in order to prepare and respond

Program & Base Plan

- NIMS / ICS integration
- Established all-hazards planning structure
- Developed incident assessment response framework (OPCONS)

Training & Continuous Improvement



3

Plans, Policies & Procedures

Turning the framework into specific guidance

Completed

- Emergency Event & Inclement Weather Pay Policy
- ICS / IAP guidance for major special events
- Updated EOC structure and activation
- Clarified baseline department responsibilities
- 2025 Continuity Plans

Current Projects

- Emergency Operations Plan Revision
- 2026 COOP Updates
- Severe Weather Annex (Hazard Template)
- Winter Weather Annex

4

Building Operational Capability

Establishing structure in order to prepare and respond

Communications	Response	Partnerships
• Implementing Apex Alerts / Everbridge • Establishing emergency notification Groups • Public Awareness Campaigns	• Radio cache assessment / integration • Improving damage assessment, GIS data for critical infrastructure • EOC comms and tech requirements	• Municipal mutual aid relationships • Continued Wake County EM Coordination • Wake EM EOP adoption • Working State Emergency Mutual Aid Agreement

5

FY2027 Priorities

- Integrated Preparedness Planning Workshop (IPPW) – Identify, consolidated and prioritize Town emergency planning, training and exercises
- Apex Alerts
- EOC Section Working Groups
- Hazard Plan Development (Ex: Shearon Harris, Cyber, Hazardous Materials, Pandemic)
- Capability assessment / Function Plan development (Ex: Cooling centers)

6

What We're Building
Reduce Vulnerability
Identify Hazards, risks and gaps
Build Capability
Plans, people, systems & partnerships
Respond Effectively
Coordinated Town Operations
Continuous Improvement
Lessons Learned / Action Items

7

1. **How complex is the incident?**
   Incident Commander / Unified Command

Incident Complexity Level: Incident Effect Indicators Summary										
Type	Resistance to stabilization or mitigation	How long does it take for resources to meet incident objectives?	Effects on population immediately surrounding the incident	Length of incident effects	Evacuations necessary during mitigation	Adverse impact on CIKR	CIKR impact / mitigation measures	Coordination required with elected/ governing officials and stakeholder groups	Do conditions or actions that caused original incident persist?	Probability of cascading event or exacerbation of current incident
5	None	1-2 hours	Minimal	Minimal	Few or none	None	None	Minimal or none	No	None
4	Low	Several to 24 hours	Limited	Up to 24 hours	Few or none	Minimal	Uncomplicated within one operational period	Minimal or none	No	Low to none
3	Moderate	At least 24 hours	Moderate	Several days to over one week	Possible; may require shelter	Threatens, damages, or destroys property	Adverse; multiple operational periods	Some	Possibly	Medium
2	High	Several days	Significant	Several days to two weeks	Possible; may require shelter/ housing for several days to months	Threatens, damages, or destroys property	Destructive; requires coordination over multiple operational periods	Moderate, including political organizations	Possibly	High
1	High	Numerous operational periods	Significant	Two weeks to over a month	May require shelter/ housing for several days to months	Significantly threatens, damages, or destroys property	Highly destructive; requires long-term planning and extensive coordination over multiple operational periods	High, including political organizations	Yes	High

2. How should the Town posture to respond?

EM Coordinator (Recommendation) / Town Manager (Approval)

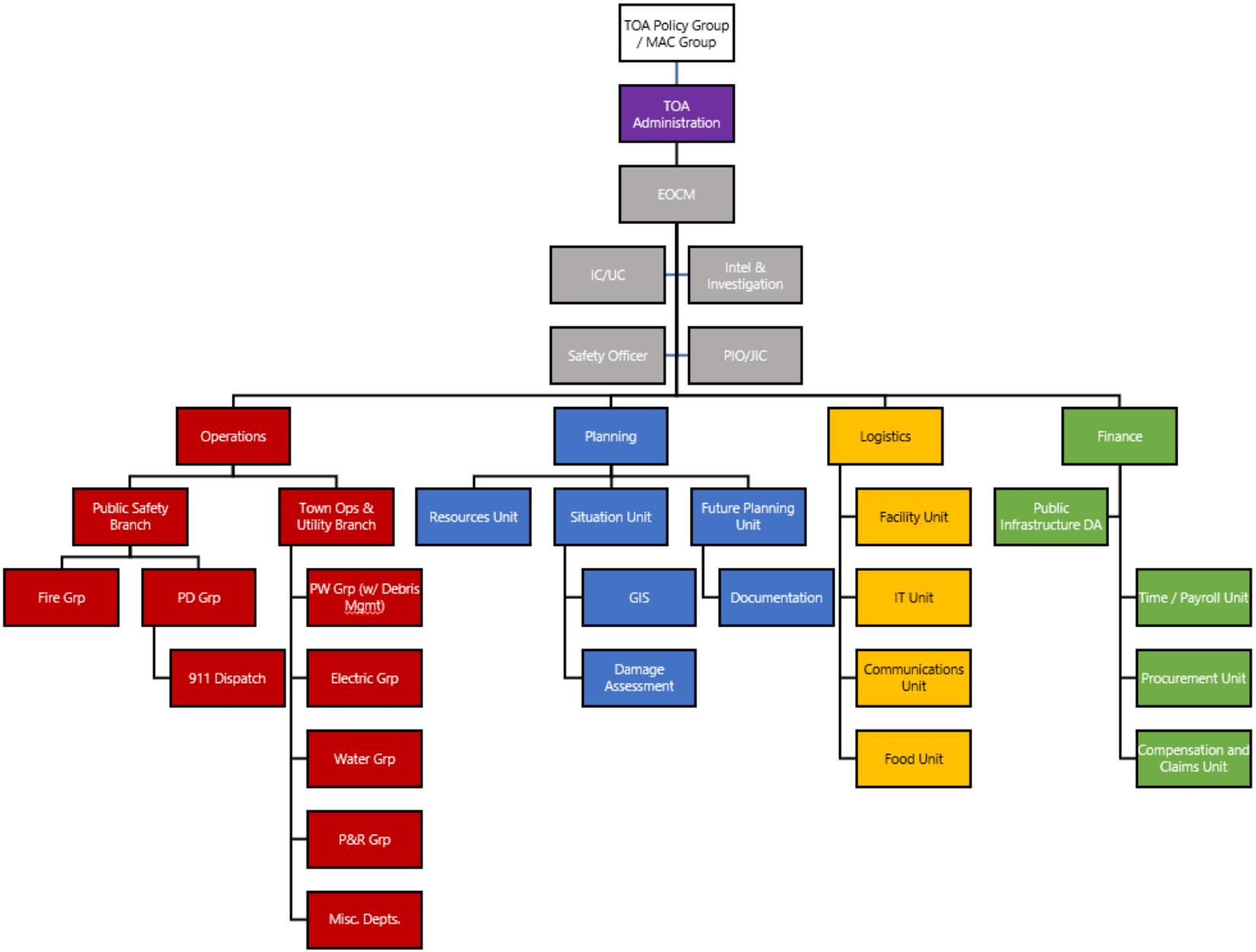
OPCON	NAME	PURPOSE
5	Routine Operations	Normal day-to-day operations while maintain, preparedness, planning, training, and situational awareness.
4	Enhanced Monitoring	A potential threat or developing situation warrants increased situational awareness, assessment, planning, and preparedness activities.
3	Coordinated Response	Anticipated or actual impacts warrant coordinated response operations and task organization to accomplish incident objectives while generally operating within the Town's available capabilities.
2	Expanded Operations	Incident impacts or operational requirements exceed routine departmental capabilities or require expanded emergency management functions, increased multi-department coordination, additional operational elements, or external resource support.
1	Full Emergency Operations	A major emergency or disaster requires comprehensive municipal coordination, sustained emergency operations, significant resource coordination, and continued policy and executive support.

3. How much coordination is required?

EM (Recommend) / Town Manager or designee (Approval) / in coordination with Fire and Police

ACTIVATION LEVEL	CONDITIONS
Level 4: Enhanced Monitoring (Remote)	A potential or developing threat warrants increased monitoring, situational awareness, planning or preparedness activities.
Level 3: Event-Specific Activation	An active incident or planned event requires coordinated support from multiple Town departments, with minimal to moderate impacts anticipated.
Level 2: Partial Activation	A moderate to severe incident poses an immediate or escalating threat and requires expanded Town coordination, resource management, and operational support.
Level 1: Full Activation / *Harris Nuclear Plan Area Command*	A severe or catastrophic incident requires comprehensive municipal coordination, sustained emergency operations, significant resource coordination, and continued executive support.

TOA EOC ORG CHART



CHECKMATE
GOVERNMENT RELATIONS

MEMORANDUM

Public Safety Legislative Changes

Date: Tuesday, September 29, 2026

Subject: Public Safety Changes in the 2025-2026 Legislative Session

The memo outlines session laws, bills, and major provisions impacting public safety personnel, policies, and benefits from the 2025 Long Session and the 2026 Short Session.

I. SB 257 2026 APPROPRIATIONS ACT PROVISIONS

Among many notable provisions, lawmakers authorized the following:

- One-time, $1,750 law enforcement bonus (Sec. 41.3). The State Bureau of Investigation will collect a list of sworn officers employed as of June 30, 2026 from each local government, then mail a lump-sum check for local distribution. The bonus is pro-rated for permanent, part-time officers.
- Allows the SBI to provide criminal history record checks to a local government for a person who has applied for a license or permit through the local government (Sec. 20.2).
- Allows for SBI's license plate reader pilot on DOT rights-of-way to be permanent (Sec. 43.26). SBI may enter into agreements on behalf of local law enforcement agencies, and participating agencies must provide information about their policies, number of cameras, and data requests.
- Repeals the traffic stop data reporting (Sec. 19.4(a)). The budget repeals G.S. 143B-903, eliminating the requirement that local law enforcement agencies collect and report traffic stop data (driver demographics, searches, arrests, use of force) to the state. The SBI has ended the Traffic Stop Reporting Program. Agencies may continue collecting this data voluntarily for internal management purposes.

II. SESSION LAWS

SB 55/ SL 2025-88 Expedited Removal of Unauthorized Persons (Sens. Lee, Burgin, and Barnes)

- Creates a civil process for removing persons from residential properties who have no legal claim to the property. This establishes an alternative to criminally charging the individual. It does not apply in the context of a tenant who is holding over after a lease expires.

HB 50/SB 320/SL 2025-8 LEO Special Separation Allowance Options Reps. Pyrtle, Miller, Chesser and Cotham; Sens. Berger, Sawyer and Ford)

- A bipartisan measure aimed at retaining seasoned law enforcement officers passed into law this session. SL 2025-8 establishes an alternative special separation allowance for state and local law enforcement

officers (LEOs) with at least 30 years of creditable service. Under the law, officers may choose between the existing separation allowance and a new option that allows them to continue serving beyond 30 years without forfeiting benefits. Under previous law, officers who worked beyond 30 years would lose a year of separation allowance for each additional year of service. The new change allows LEOs to defer their allowance until retirement without penalty. For example, an officer who reaches 30 years of service at age 50 would receive 12 years of benefits (until age 62). If that officer continues working until age 55, they can still receive the full 12-year benefit, with payments extending to age 67. Notably this session, the bill received strong support from legislative leaders, including Senate President Pro Tem Phil Berger, and was signed into law by Gov. Josh Stein.

HB 481/SL 2026-33 Pay Exceptions/Special Separation Allowance (Rep. Davis)

- Legislators took important steps in increasing law enforcement pay and benefits through both the 2026 budget and legislation passed over the past two years. Provisions that modify eligibility and re-employment provisions for the Special Separation Allowance available to state and local law enforcement officers was signed into law in July and provided clarifications to previous legislation passed in 2025. The change in HB 481 protects the special separation allowance of officers who retire and later return to work and then retire a second time for an employer in the same retirement system.

HB 612/SL 2025-16 Fostering Care in NC Act (Reps. Chesser, Bell, Loftis, and Alston)

- Provision requires local governments to obtain a criminal history record check prior to hiring persons who will work with children. However, the criminal background check is required only for applicants who are offered a job, not all applicants, and the job offer is contingent on completion of the background check, which must be conducted by the State Bureau of Investigation.

SB 445/SL 2026-59 Regulatory Reform Act of 2026 (Sen. Jarvis)

- Provision clarifies that local governments may enter contracts with third-party vendors to conduct criminal history record checks. All contracts entered pursuant to this section shall terminate on or before December 1, 2026, or when the State Bureau of Investigation request for proposal is awarded, whichever occurs later.

SB 710/SL 2025-51 DPS Agency Changes.-AB (Sens. Daniel, Britt, and B. Newton)

- Provision requires that law enforcement agencies obtain the entire personnel file for law enforcement officers covering at least the past five years before their hiring. The change in law continues to keep the contents of the personnel file confidential; however, the requirement is intended to give law enforcement agencies greater transparency into the past actions of officers.

HB 1104/SL 2026-38 Improve IVC Process and Enhance Public Safety (Reps. Reeder, Blackwell, Miller, and Cotham)

- The law changes the involuntary commitment process, including outpatient commitment, treatment plans, information sharing, law enforcement access to behavioral health records, and bed availability.

III. BILLS

HB 42 Back the Blue Pay Act (Reps. Balkcom, C. Smith, Miller, and Pyrtle)

- The Senate passed HB 42 Back the Blue Pay Act in 2025. This bill would make adjustments to the pay and benefits structures of state law enforcement, corrections officers, National Guard members, and firefighters. In addition to the changes in pay structure for those employed by the state, including state troopers, local law enforcement officers could receive $1,500 bonuses in each of the next two years. Originally filed and passed in the House as an enhancement of certain burglary prison sentences, the revised bill was unanimously approved by the Senate. The bill as amended has not been considered by the House.

HB 52 Protect Those Who Serve & Protect Act of 2025 (Reps. Hastings, Cotham, Miller and Pyrtle)

- In 2025, the House approved legislation aimed at strengthening protections for public safety officials by updating definitions and increasing penalties for certain offenses. HB 52 establishes a new statutory definition of "public safety officer" that encompasses a wide range of state and local personnel, including law enforcement officers and emergency management workers. Using this updated definition, the bill enhances penalties for crimes such as assault and assault with a firearm against these officials while in the line of duty. Although HB 52 cleared the House, the Senate did not act on the measure in 2026.

HB 437 Drug-Free Zones/Unauthorized Public Camping (Reps. Rhyne, Chesser, and Pickett)

- Governor Stein vetoed this bill, which would have barred local governments from allowing public camping outside designated, state-compliant sites and expose noncompliant jurisdictions to civil suits. It passed both chambers by veto-proof margins, so an override attempt is possible when the General Assembly reconvenes after the November election.

DRAFT MINUTES

TOWN OF APEX
SPECIAL PUBLIC SAFETY COMMITTEE MEETING
THURSDAY, OCTOBER 01, 2026
3:00 PM

The Public Safety Council Committee of the Apex Town Council met for a Special Meeting on Thursday, October 01, 2026, at 3:00 p.m. in the 3rd Floor Training Room at Apex Town Hall, located at 73 Hunter Street in Apex, North Carolina.

This meeting was open to the public. Members of the public were able to attend this meeting in-person.

[ATTENDANCE]

Elected Body
Mayor Jacques K. Gilbert, Chair
Councilmember Ed Gray

Town Staff
Town Manager Randy Vosburg
Interim Town Attorney Brian Meyer
Town Clerk Allen Coleman
Deputy Town Manager Shawn Purvis
Assistant Town Manager Marty Stone
Assistant Town Manager Demetria John
Police Chief Ryan Johansen
Fire Chief Tim Herman
Emergency Management Coordinator Taylor Sanchez
Public Records Coordinator JP Parris
All other staff members will be identified appropriately below

[CALL TO ORDER]

Mayor Gilbert called the meeting to order **3:00 p.m.** and led in the Pledge of Allegiance.

[OBJECTIVE/CHARTER OF THE COMMITTEE]

Mayor Gilbert noted this was the first meeting of the committee and went over the agenda. He said it was important to clarify for those in the room and the media that the Committee was not making a formal recommendation to Council regarding the Automated License Plate Reader Program (ALPR) during the meeting today.

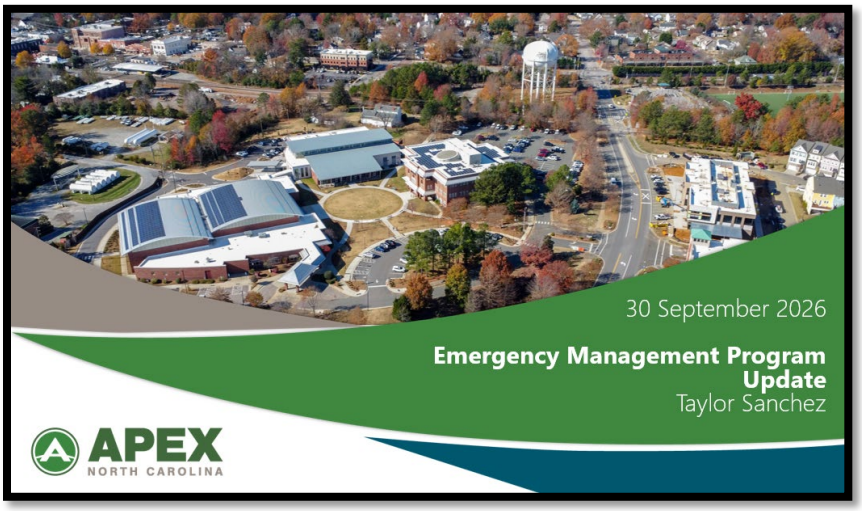
Councilmember Gray said he was excited to see interest in this meeting. He noted that the role of the elected body was to balance public safety policy with resident feedback. He said this committee would be focusing on how to ensure operations and resources are adequate for public safety and that it was important to help figure out how to maintain public safety advantages. He mentioned that a recent article had listed the Town of Apex as one of the safest communities in the state and he wanted to continue efforts in this direction. He said the committee will be helping to refine issues that will go back to Council for further development and echoed the Mayor's sentiments that aside from the Axon Drone Agreement, no other Committee recommendations would be made.

Town Clerk Coleman noted the objective of the Public Safety Committee and discussed the revised committee structure Council adopted in March of 2025. He said the purpose is to review policy recommendations related to police, fire, and emergency management. He noted the committee is broad in scope and not centered on specific topics but rather all items related to public safety as a whole.

[EMERGENCY MANAGEMENT PROGRAM UPDATE]

Emergency Management Coordinator, Taylor Sanchez, provided the following presentation:

[SLIDE 1]



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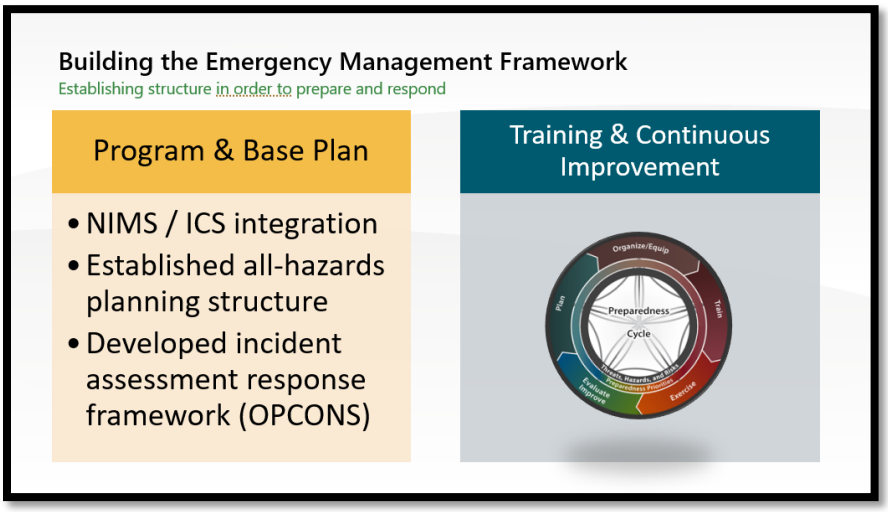

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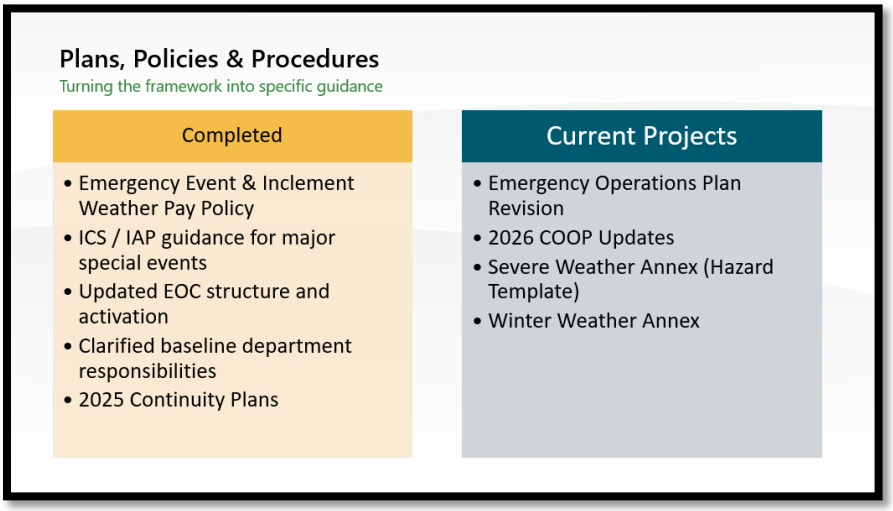

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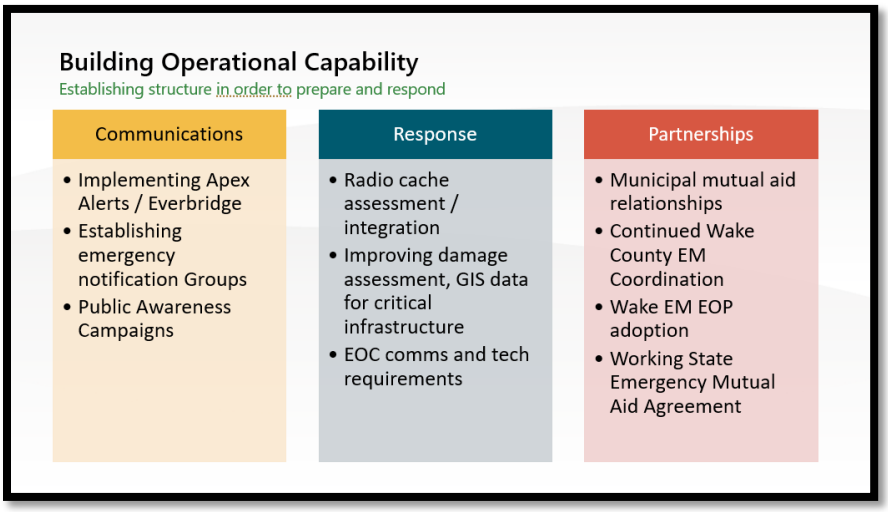

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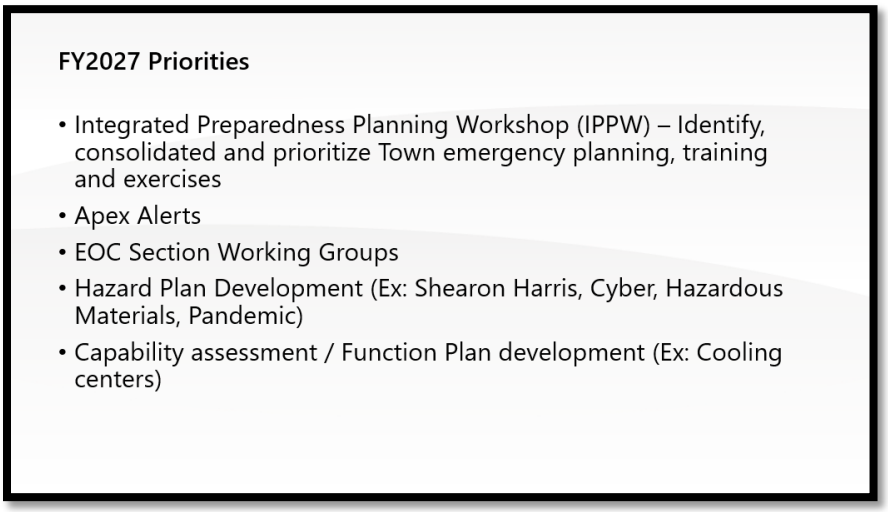

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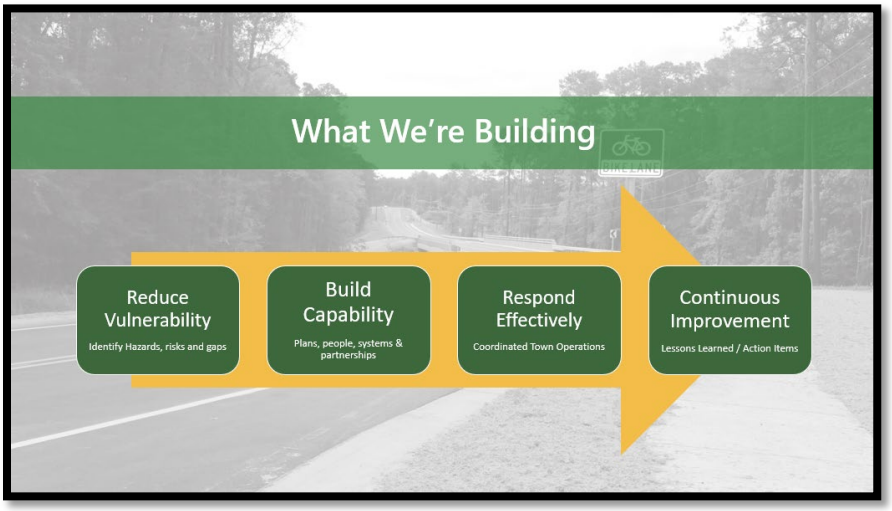

Town Manager Vosburg noted there were a lot of foundational plans, and the emphasis moving forward is training staff and keeping these plans in motion so that all applicable team members were aware of the Emergency Management Plans.

Mr. Sanchez mentioned various methods of communication, such as Ready Wake Alerts, Apex Alerts, and the Nixle registry, which would allow registration to receive emergency information for specific events.

Town Manager Vosburg said the Town began working with the Risk Management Division of Human Resources after a safety review was conducted last year. He said there was a special project focused on potential safety gaps in facilities and looking at security and safety upgrades. The project also looked at smaller solutions, such as peepholes, glass upgrades, and after-hours building security.

Mayor Gilbert asked how much time goes into planning for a special event.

Mr. Sanchez said it depended on the event. He said some events constitute additional planning, particularly if the event involves groups who have historically suffered violence, or roads need to be blocked off, or there will be large amount of people present. He said Incident Action Plans (IAP's) are also developed, which outline response structure, communications plans, and assist with coordinating with local partners to integrate if needed.

Town Manager Vosburg said a lot goes on in the background for most events, and the Emergency Operations Center (EOC) is typically activated at a low level to help monitor and respond if elevation is needed.

Councilmember Gray said a tough part of the job is planning for every aspect. He said it requires thinking of anything that can happen, contingencies, what each response would be, and then ultimately hoping to never have to put the plans in motion. He was excited about the reorganization of the EOC and clarifying lines of accountability. He asked where the function of Public Information or Townwide Communications fit in the structure.

Mr. Sanchez said that they would be part of the joint communications center. He said it would sometimes be the Public Information Officer for Public Safety, and sometimes the Communications Director with the primary factor being the type of incident or event.

Councilmember Gray asked about budget planning for Emergency Management.

Town Manager Vosburg said the current budget moved some of the line items out of the Fire Department and into the Town Manager's Office, some things were still with Fire, and some were moved to the Parks, Recreation, and Cultural Resources budget for items relating to special events, which is where the special events team currently resides.

Councilmember Gray said he wanted to make sure Emergency Management doesn't fall behind other priorities, because it can't be done after the fact. He said this was a good time to look at planning for the next budget, with the Strategic Plan next Thursday, October 08.

Mayor Gilbert asked if there was room for tabletop exercises specifically related to emergency management response techniques and education.

Mr. Sanchez said FEMA has trainings for elected officials, and he could tailor something similar for a future training for elected officials if that would be helpful.

Mayor Gilbert said that he had went through a variety of emergency management trainings during his time at the Apex Police Department (APD) and said other elected officials would likely benefit from similar education and training.

Assistant Town Manager John said this was the first year of Emergency Management under the Town Manager's Office, and this would be a good time to get a year in review and look back on things as well.

[DISCUSSION OF E-BIKES AND POTENTIAL FUTURE ORDINANCE AMENDMENTS]

Mayor Gilbert said there's a lot of e-bikes around the community, and he hears concerns from community members frequently.

Chief Johansen said the purpose of this discussion was to talk about some state law changes and get an idea of where the committee wants to go from here and what next steps may look like to ensure the Town remains compliant while also meeting the needs and vision of the elected body.

Town Manager Vosburg said some neighboring communities have passed ordinances regarding e-bikes, and recent state law defined the different levels of e-bikes. He said some laws govern e-bikes depending on where they are, and there are challenges as to what can be enforced and what resources would need to be dedicated to it.

Chief Johansen said a big change is that e-bike regulations will fall to municipalities in December. He said he was glad the Police Department was brought to the table to help pass ordinances that increase safety while understanding enforcement and capacity challenges. He added most folks on e-bikes are minors and may not stop when asked to by Police Officers, which presents additional challenges and concerns.

Councilmember Gray said there are a lot of questions from the community about the kids they see around town on e-bikes. He said with a lot of enforcement legislation being passed down, this may be a good time to figure out the way forward including education and awareness. He said while some laws may not require additional legislation, they may require input on getting ahead of problems that may arise. He said the job of Council is to think ahead, because if not they will run into problems quickly. He said this is an example of something where not figuring it out could turn into a larger problem.

Town Manager Vosburg said this was a time to get the ball rolling and get some general directions on things and see if there was a need for potential ordinance changes. He said the plan was to focus on communication and education within the community.

Councilmember Gray said he would like any advice from the Police Department (APD) on how they feel the problem should be addressed. He said he hears questions about e-bikes often.

Mayor Gilbert said he likes the community engagement aspect, there's a lot of unknowns and there's also safety issues. He said it's important to find a way to meet the need of transportation for kids while keeping safety at the front of the issue. He said it was also important not to put officers in bad positions regarding enforcement.

Councilmember Gray said for the committee, he would ask staff to provide a survey of municipalities' ordinances/regulations regarding e-bikes, including age of operation requirements, speed, and differences between rules for different e-bike classes. He said a framework would be good to get an assessment of what is within Council's legal authority, and it would be good to look at options.

Assistant Town Manager John said the legal framework would be led by the Police Department (APD) and the Town Attorney's Office (Legal).

Town Manager Vosburg asked if the Committee would like for this topic to return at a future committee meeting.

Councilmember Gray said yes, it's important to narrow down what the conversations should be at the Council level, and the committee structure was changed to help the conversation flow where staff could address questions and data points before it all comes to the full elected body. He said in his opinion the focus could be narrowed down so that things can be more productive and can lead to a decision. He said Council trusts staff to bring them the information they need. He said it could be a future meeting, and not the November meeting, unless staff feels like that meeting would provide enough time. He added it is important to see other ideas and ways other communities are addressing the issues and did not want to rush the product.

Chief Johansen said there are some other things that will need to be addressed sooner rather than later. He said beginning in December, e-bikes would be considered and allowable mode of transportation on any Town Roadways and/or Greenways unless Town Ordinances prohibited them specifically. He said the issue from his view was more so from a liability perspective verse enforcement. He said that helmets would not be required for Class 1 and Class 2 Drivers unless an ordinance was passed specifying otherwise.

Councilmember Gray said to bring any urgent items such as ordinances need to comply with new legislation, and other related policies to the Committee as quickly as possible. He said there are some things that Council is more comfortable taking additional time to gather more information on and make the right decision.

Town Manager Vosburg said they could gauge the next committee dates at the end of the meeting.

Mayor Gilbert asked about the next steps.

Assistant Town Manager John said Town staff could bring this item back in November and have other aspects presented at a later date if that was the desire of the committee.

Town Manager Vosburg said they will also work on a Communications plan regarding what the town would be doing in response to the December 1st changes as set by the State Legislature.

[DISCUSSION OF TOWN COUNCIL REFERRED ITEMS]

[a. AUTOMATED LICENSE PLATE READER (ALPR) PROGRAM]

Councilmember Gray said it was important to understand that there is a history on this item already. He said the idea began in 2023, with Council authorizing a pilot program to see the issues and test it out. Council had heard from Chief Johansen several times, and when referring this matter to committee, the elected body was trying to figure out the policy issues for things that haven't had a chance to be addressed, and Council has not had the opportunity to ask all of their questions.

Councilmember Gray said it seemed similar to courts addressing the fourth amendment. He said this issue was about balancing public safety and privacy. He said he was a public defender and former prosecutor, and the Mayor has law enforcement experience and that their combined experience equipped them to review and provide recommendations on this matter. He said he didn't know if there was a perfect balance to privacy vs. public safety benefit, but automated license plate readers does solve crimes and has been proven in our community even recently.

Councilmember Gray said the ALPR software can also provide closure to victims and assist with loss of property. He said a big issue for a lot of people is if this is "over-surveillance" and the Town having overreaching authority. He said during his conversations with the Chief of Police, it is his opinion that he understands the concerns presented and is not trying to minimize them but that the Chief is trying to balance, similar to the elected body, the public safety benefits.

Councilmember Gray said residents and community members speak often at Council meetings about their concerns, and those concerns are legitimate. He said the Council is working to refine set policy guidelines that would be in place at the end of the Town's trail period. He said it was important to remember that when this item was presented originally, it was presented as a trail and that it was always the intention that policies would be adopted to govern the usage if that was the direction desired by Council.

Councilmember Gray said the first area of policy should be facing outward, such as how to manage access to the information and data being gathered. He said it was important to understand who can get the data and how. He said he has had meetings with individuals

with concerns and that is one of their main points – who has access to the data. He said addressing this item in a policy, with a defined scope of what is given away and who has external access, might be a start to addressing some of the concerns presented.

Councilmember Gray said the second component was the internal management of data and information. He said this could be centered on gathering the data, use of data, and evaluating procedures already in place. He said the internal side is also very important. He said concerns about false arrests from ALPR are also attributable to human error. He said there's also concerns about using ALPR for illicit personal reasons, and it's important to use examples like that as a way to build the proper checks.

Councilmember Gray said it was also important to ensure the policy, while providing the appropriate checks and balances, also did not create additional hurdles for law enforcement and public safety officials in investigating matters of significance. He said those are the two main areas where this should be focusing. He said it was also a transparency issue, regarding what is being used in the investigations. He said recently one of his clients was accused of a crime he did not commit, and ALPR assisted in securing the acquittal. He said while the cameras are on everyone, they also capture valuable evidence for law enforcement.

Councilmember Gray said the direction of whether to continue using Flock and/or ALPR software was not a simple question, and the issue is not easy. He said it was a balance of public safety verses privacy rights. He said resident and community members' privacy rights are something that he is very passionate about, and fights about them professionally every day in his day-job. He added there was no greater responsibility of the Apex Police Department than using everything at their disposal to solve crimes and bring victims closure.

Councilmember Gray said these decisions are tough, and that's why they come to Council. He said it was important to receive advice and recommendations from staff on the ways to proceed, especially regarding the internal and external data and use policies, including refining existing ones. He said without a policy to answer the scope, the Council could not determine if they need ALPR.

Councilmember Gray said ALPR is also in squad cars, and those are also going to be used to determine license plate registration. He said to him there isn't a difference between an ALPR camera on a parked car and one mounted on a pole. He also mentioned that Home Owner's Association (HOA)'s had asked questions about the placement of potential ALPR or other visual cameras facing into or out of the neighborhood to provide greater safety measures. He said these are all real questions that can be used to determine the path forward.

Councilmember Gray said he would have office hours on October 22nd at Apex Town Hall to hear the communities' comments on Flock and ALPR. He wanted to hear all of the perspectives. He said he had not made up his mind and also wanted to wait for policy recommendations. He said cops in Apex hate bad cops more than anything. He said he wants

to know how to identify a bad cop in this system and also address the privacy concerns. He said once those answers were presented and the recommendations were refined, then it could all be voted on. He said the subject matter experts in Law Enforcement should be at the table providing those recommendations and assisting Council with determining the best path forward.

Mayor Gilbert said it comes down to public trust regarding a tool used by the Police Department. He said he was thankful that the Council had chosen to send this to the public safety committee for further research and recommendation. He said other communities had no followed that process and it was important to not only hear from the Police Department but also the community to get thoughts and perspectives. He said it was important to go on record and not that just because he was a former employee at Apex Police Department (APD) did not mean he would automatically side with them or support the recommendation of staff. He said he understands ALPR is a public safety tool, one of many, and was optimistic that a middle ground could be found here in Apex. He said there is not enough information to determine one way or another if the program was good to continue or not. He said it was also important to the separate the software from the vendor, too.

Councilmember Gray said he recognizes there is an implicit bias from everyone, and his door mat says, "comes back with a warrant". He said Council may have a bias, but at the end of the day they still have to do the right thing. He said doing this is not easy, and a lot of people are going to be mad either way. He said no matter what, they would do the right thing by balancing public safety and privacy interests and needed more time to receive information and all perspectives. He said doing that would allow Apex to remain high in the rankings of great and safe places to live as recently announced by a media outlet.

Town Manager Vosburg said it was important to zoom out to discuss timeframe and look at decision points. He said the current contract was scheduled to expire on January 31st, 2027, and that that would be the first checkpoint to be mindful of as the committee determines next steps. He said the first possibility would be to continue the program as is, and that would have to come before Council for authorization. He said staff could end the program as another option. He said a third alternative could be to switch to another vendor, but that decision may need to be made quicker if they wanted to ensure continuity within the Police Department's field operations. He said an additional option was to look for an in-house solution, but there were many questions about if that was possible. He said the role of the public safety committee was to provide information on what they needed from staff in order to make a recommendation on either of the options mentioned or even others that have not been mentioned or thought of.

Councilmember Gray said Chief Johansen has been able to help with the data points. He said it's important to know the crimes being solved, and data (such as 60% lower motor vehicle theft as an example). He said he also wanted to know the reason behind those data points, and what the underlying reason for those reductions would be. He said the concern to answer is if the improvements are worth the use of the system. He said community

members in the "DeFlock" mindset understand it does help with crime, but may not believe it is worth the privacy loss. He said understanding more on the benefits from the Apex Police Department could help bring the conversation to the middle. He said Chief Johansen has a desire to protect the community, not police the community, and that he believes this could be accomplished. He said it's important to understand the dynamics of the problem and have the time to figure out these issues. He said once they have those additional data points and facts the Committee would be in a position to make a recommendation to the full Council.

Mayor Gilbert said he personally has heard a lot of concerns from the community. He said it may help to have a list of concerns from the community, and have the Town respond regarding their specific relevant to Apex. He said he wants to find a solution and that many of the concerns presented seem to be more national issues that may or may not be applicable to Apex.

Chief Johansen said there was a lot of the Police Department's officers present today at the meeting beause this is rare opportunity. He said this is a tool that enables Police Officers to deliver on their mission of providing safety and solving crime. He said taking it away would make their jobs harder. He said a middle ground is usually the best way, but the solution does not exist in a vacuum. He said the community, elected officials, and officers needs and concerns will evolve over time. He said the Police Department has done their best to balance the issues, but they continually work on how the department uses these tools and balance their use.

Chief Johansen said he looks at this as two different components, alerts and database. He said alerts flag a car that is already in a state database, which means it flagged a vehicle already associated with a crime. He said the Police Department is tasked with protecting Apex, and this helps Police Officers to do just that. He said the centralized database is where most of the concerns are that he has heard and seen. He said the evidence is critical in solving crime, but there are concerns about data retention, vendor, usage and access, etc. He said time is of the essence, so they will bring back information on all components necessary so that the community can make an informed recommendation. He noted that the usage of ALPR has created lots of good in the community from his viewpoint.

Councilmember Gray said he wanted to note that he did not get a photo of a car when he used it during an investigation to get an acquittal, but rather only the picture of a license plate. He said there is a difference between the cameras and the software programs utilized. He added that anything to help them answer questions would be of great value and looked forward to receiving more information from the Police Department.

Town Manager Vosburg said the focus seemed to be on the database and how to move forward with that. He said Chief Johansen can provide some additional information regarding what the committee has requested, and they can determine the next steps at the end when planning the future meetings.

[AXON AGREEMENT]

Mayor Gilbert noted this was not Flock, and the interview room cameras are required by law, so a decision is needed. He asked Chief Johansen for further information.

Chief Johansen said this is not purchasing drones; the town has had a drone program for many years. He said this allows easier tracking of the drones and would allow more transparency regarding use of drones. He said managing so many events requires technology and that the drones are used for monitoring large crowds.

Chief Johansen said it was important to note that the drone software also a "fresh pursuit" aspect of them, to assist in chasing suspects, which is safer for all parties. He added they are also used for missing person searches. He said the drones are not used for surveillance, and all flights are logged and categorized by the police department.

Town Manager Vosburg said it was important for Council and the Committee to recognize that everything the Chief mentioned would still happen regardless on whether the Council supported approval. He said the software would help with easier tracking of flights, which is currently done manually. He said the use of drones by more than just the Police Department would not be changed by this contract.

Mayor Gilbert said the drone program was needed.

Councilmember Gray said he uses trust, but verify, and there was a need for the camera in interview rooms in the name of justice. He said records and logs of the flights are also important for investigations. He said this is about making the processes efficient to help answer questions. He said the flight logs can confirm whether a drone is a public or private operator and if it wasn't Axon there may not have been a concern either by any of Council. He said Axon also does the Town's body cameras and this was an important resource for the Town. He said he would recommend Council approve this contract and hoped this conversation would clarify what the contract is actually for and the various components of it.

Councilmember Gray recommended full approval of the Agreement, and **Mayor Gilbert** concurred.

CLERK NOTE: The item will be sent back to the full Council on October 13, 2026 under Town Council Committee Reports and Recommendations.

[LEGISLATIVE UPDATES]

Town Clerk Coleman noted a few major legislative updates from the recent session of the North Carolina General Assembly. He said the first item to report on was the 2026 Appropriations Act, which was the state's budget bill for those that may be unfamiliar with that term or reference. He stated that piece of legislation included a $1,750 one-time bonus

for eligible Law Enforcement Officers, changes to license plate readers, and the repeal of the traffic stop data reporting requirement.

Town Clerk Coleman said their were two additional provisions included in the appropriations act which may have town budget implications. He said more specifically there was language included that would allow municipalities to provide local salary supplements to the Administrative Office of the Courts or their local District Attorney's Office. He referenced a situation earlier in the budget cycle where a candidate for District Attorney had submitted a request to the Town for funding a position in the District Attorney's Office. He said this language would allow the Town to consider such a proposal, however, this was not mandatory and the Town would not be required to provide a supplement.

Town Clerk Coleman continued by stating additional laws were enacted that were more operational in nature including changes to the Special Separation Allowance for Law Enforcement Officers, when criminal background checks would be required for certain employees working with children, personnel-file review requirements when hiring law enforcement officers, and changes to the involuntary commitment process.

Town Clerk Coleman also stated there were several pieces of legislation that were filed as potential impacts but those should not be interpreted as current law. He said the House Bill No. 42 "Back the Blue Act", which had not become law, but proposed additional law enforcement bonuses, which may come back in the future. He said House Bill 437 regarding public camping was vetoed by Governor Stein, so it does not impose any requirements on the Town unless future legislation occurs.

Mayor Gilbert said he appreciated the updates and wanted to see the traffic stop data still being collected, even with Senate Bill 257 (state appropriations bill) repealing that required reporting.

Chief Johansen confirmed the Apex Police Department would still collect that data.

Councilmember Gray said the funding for staff at the Administrative Office of the Courts was something that came out of a very different bill. He added he was happy it was still permissive, as the data is very relevant for the municipality.

[FUTURE MEETING DATES DISCUSSION AND POSSIBLE ADOPTION]

Town Clerk Coleman asked if the Committee wished to establish a regular meeting schedule, and if so, how they would like to schedule it.

Councilmember Gray said with the policy questions and development for the Automated License Plate Reader (ALPR) conversation, he didn't want to have it be rushed. He said a meeting in November may be appropriate.

Mayor Gilbert said they have asked for a lot of information and staff need to be given time.

Town Clerk Coleman said that other committees were starting to establish standard meeting dates and times at least through the fiscal year (June 2027) and that given the committees follow-up items it may be appropriate for the committee to meet monthly until some of the time sensitive items are resolved. He said the current meeting was being held on the First Thursday of the month and suggested that the First Thursday may be a starting point.

Town Manager Vosburg said the first checkpoint is the e-bike piece for December 1st. He said their best option to adopt anything prior to that would be the November 10th Regular Meeting. He said this item could be the things that needed to be determined prior to December 1st, and other aspects could come back later. He said the first Thursday would be November 5th.

Chief Johansen asked if the Committee wanted the e-bike recommendations to come back to the committee or be scheduled for a Council Work Session.

Councilmember Gray said yes, so staff should prepare to bring back any policy recommendations related to e-bikes to the Committee before a recommendation was made to the full Council.

Interim Town Attorney Meyer said without a definition for e-bikes the ordinances may not have the necessary teeth, but they could bring those recommendations to the November 5th committee meeting as well.

Town Clerk Coleman asked if there would be another meeting in November for ALPR recommendations.

Town Manager Vosburg said it may be best to bring that item back to committee after November. He said it could be pushed from committee to Council in December or January.

Town Clerk Coleman confirmed the recommendation of a standing meeting the first Thursday each month at 3:00 p.m. at Town Hall. He stated that it was his understanding the e-bikes topic and research would be on the November agenda, and ALPR would tentatively be on the December agenda. He said the dates of those committee meetings would be: November 5, 2026, December 3, 2026, January 7, 2027, and so forth being the first Thursday of each month.

Town Manager Vosburg said the Committee may want to eventually adjust and have it be every other month, which is what other committees are doing. He said at present he concurred with the Town Clerk and the points already made that their were several timely items they needed to be addressed. He said funding was going to be the next big thing, which would be coming up soon after the new year at the start of the budget process.

Town Clerk Coleman said the schedule can be amended, but wanted to get to a set schedule when possible to help with planning.

Town Manager Vosburg said staff would bring what they have regarding ALPR on December 3rd.

Chief Johansen asked for any further clarification regarding what staff should bring back to those meetings.

Councilmember Gray said there would probably be more questions as they work through these conversations and that those could be shared with the Town Clerk or Town Manager for distribution.

Town Clerk Coleman said there would be a recap sent with follow-up items to ensure everything that needs to be there is included.

[CLOSING REMARKS AND ADJOURNMENT]

Mayor Gilbert said that concluded the Town's first public safety committee meeting and appreciated the turnout by the public and Town staff.

Town Clerk Coleman asked for members of the media to go downstairs to the Council Chambers where they would have opportunities to conduct interviews with Public Safety Committee members and staff.

Mayor Gilbert adjourned the meeting at 4:32 p.m.

Jacques K. Gilbert
Mayor

JP Parris
Public Records Coordinator

Reviewed and submitted for approval by Town Clerk Allen Coleman.
Minutes approved on _____.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: TOWN COUNCIL COMMITTEE REPORTS

Meeting Date: October 13, 2026

Item Details

Presenter(s): Mayor Jacques K. Gilbert, Public Safety Committee Chair
Trevor Materasso, Deputy Chief

Department(s): Governing Body
Police

Requested Motion

Discussion and possible motion to approve the First Amendment to the Master Services and Purchasing Agreement between Axon Enterprise, Inc and Town of Apex, effective through June 30, 2030, to expand the Apex Police Department's technology platform by adding Axon Air DroneSense software and an Axon Interview Room System, and authorize the Town Manager, or their designee, to execute on behalf of the Town.

Approval Recommended?

The Public Safety Committee considered this item on October 01, 2026 and recommended approval.

Item Details

The Apex Police Department is requesting approval of the First Amendment to the existing Master Services and Purchasing Agreement with Axon Enterprise, Inc. The amendment expands the Town's current agreement to include Axon Air DroneSense software and an Axon Interview Room System to enhance public safety operations, evidence management, and investigative capabilities.

The amendment incorporates two new service quotes into the existing agreement. The Axon Air DroneSense platform provides software licensing, drone operations management, unlimited evidence storage, implementation services, and training to support the department's unmanned aircraft program. The Axon Interview Room System includes equipment, software, installation, maintenance, and five-year warranties for three interview rooms, providing secure digital recording, storage, and management of interview evidence.

The DroneSense subscription has a five-year cost of $42,740.96, with annual payments of approximately $8,548.20. The Interview Room System has a five-year cost of $70,073.40 (estimated $73,758.03 including

applicable taxes), with annual payments of approximately $14,751.60. The combined contract value is $112,814.36 before estimated taxes, with annual payments scheduled over a five-year period in accordance with the attached quotes.

Attachments

- TR2-A1: Agreement Multi-Year - Axon Inc. for Aire DroneSense Program and Interview Room Camera System - through June 30, 2030

This First Amendment ("**Amendment**") is between Axon Enterprise, Inc. (f/k/a Taser International, Inc.), a Delaware corporation ("**Axon**"), and the Apex Police Department (NC) ("**Customer**"). This Amendment is effective as of the last signature date on this Amendment ("**Effective Date**"). Axon and Customer are each a "**Party**" and collectively "**Parties**".

Axon and Customer are Parties to the Master Services and Purchasing Agreement by and between Axon Enterprise, Inc. and the Apex Police Department (NC), dated June 26, 2023 (the "**Agreement**").

The Parties wish to incorporate further changes into the Agreement in order to expand the scope of offered products.

The Parties therefore agree as follows:

1. The following language is added in to the Professional Services Appendix:

    1. **Axon Air, On-Site Training.** Axon Air, On-Site training includes advance remote project planning and configuration support and one (1) day of on-site Services and a professional services manager to work closely with Customer to assess Customer's deployment and determine which Services are appropriate. If Customer requires more than one (1) day of on-site Services, Customer must purchase additional on-site Services. The Axon Air, On-Site training options include:

System set up and configuration (Remote Support) • Instructor-led setup of Axon Air App (ASDS) • Configure Customer settings based on Customer need • Configure drone controller • Troubleshoot IT issues with Axon Evidence
Axon instructor training (Train the Trainer) Training for Customer's in-house instructors who can support Customer's Axon Air and Axon Evidence training needs after Axon's has fulfilled its contracted on-site obligations
Classroom and practical training sessions Step-by-step explanation and assistance for Customer's configuration of Axon Respond+ livestreaming functionality, basic operation, and best practices

    2. **Axon Air, Virtual Training.** Axon Air, Virtual training includes all items in the Axon Air, On-Site Training Package, except the practical training session, with the Axon Instructor training for up to four hours virtually.

2. The attached documents are hereby incorporated into the Agreement:

    a. ACEIP Appendix (*Replaces previous ACEIP Appendix*)
    b. Quote Q-790337-46199MM
    c. Quote Q-826741-46143DJ

3. All other terms and conditions of the Agreement shall remain unchanged and in full force and effect.

Signatures to follow on the next page

Each representative identified below declares that they are an authorized representative of the respective Party with authority to execute this Amendment as of the date of signature.

Axon Enterprise

X

[empty member name] , VP, Assoc. General Counsel
Email: bobby@axon.com
Timestamp: [empty signing timestamp]

Town of Apex

X

Randal E. Vosburg, Town Manager
Email: nicole.garcia@apexnc.org
Timestamp: [empty signing timestamp]

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

X

[empty member name] , Finance Director
Email: jon.griffin@apexnc.org
Timestamp: [empty signing timestamp]

Axon Customer Experience Improvement Program Appendix

The ACEIP is designed to accelerate Axon's development of technology, such as building and supporting automated features, aiming to increase safety within communities and efficiency in public safety. Axon may make limited use of Customer Content from participating customers to provide, develop, improve, and support current and future Axon products (collectively, "ACEIP Purposes"). ACEIP has 2 modes of participation, Basic and Custom. Customer is enrolled in ACEIP Basic by default. If Customer does not want to participate in ACEIP Basic, ACEIP Custom, or both, Customer can revoke its consent at any time via email to aceip@axon.com.

Axon Obligations

ACEIP Basic
When Axon uses Customer Content for ACEIP Purposes, Axon will:

- Use Customer Content only for ACEIP Purposes.
- Prohibit direct human access to Customer Content, including by Axon personnel and subprocessors, except as needed to perform or validate deletion.
- Retain Customer Content only as long as needed to create Transformed Content (defined below) and validate the transformations.
- Apply privacy-preserving transformations that remove identifying information appropriate to the use case ("Transformed Content"). AI model weights and similar insights that do not contain Customer Content are Transformed Content. Transformed Content is not Customer Content.
- Retain and permit direct human access to Transformed Content for ACEIP Purposes.
- Maintain security, privacy, and data governance programs as described in the Axon Cloud Services Terms Appendix, and apply them to ACEIP.

Transparency Portal Publication
Before activating a use case, Axon will publish it on the Axon Transparency Portal, including the product development purpose, data types involved, and privacy-preserving techniques used. Axon will also notify ACEIP participants when the Transparency Portal is updated with a new or materially changed use case. Fifteen (15) calendar days after notification, Axon may activate the use case for all Basic participants.

Opt Out
Customer may opt out of ACEIP Basic at any time via aceip@axon.com. Axon endeavors to implement opt outs within fifteen (15) calendar days. Transformations of Customer Content cease when Axon implements the opt out. Axon may retain Transformed Content created before it implemented the opt out request.

ACEIP Custom
Custom use cases may be governed by separate written terms between Axon and Customer. Those terms will control that use case. Please direct inquiries regarding Custom participation to aceip@axon.com.

Issued: 06/26/2026

Quote Expiration: 09/30/2026

Estimated Contract Start Date: 12/15/2026

Account Number: 110531

Payment Terms: N30

Mode of Delivery: AUTO-GND

Credit/Debit Amount: $0.00

SHIP TO	BILL TO	SALES REPRESENTATIVE	PRIMARY CONTACT
Apex Police Department - NC 205 Saunders St Apex, NC 27502-1447 USA	Apex Police Department - NC 205 Saunders St Apex NC 27502-1447 USA Email: 0566001166	Madison Mayfield Phone: Email: mmayfield@axon.com Fax:	Paul Pope Phone: (919) 930-5247 Email: paul.pope@apexnc.org Fax:

Quote Summary

Program Length	60 Months
TOTAL COST	$70,073.40
ESTIMATED TOTAL W/ TAX	$73,758.03

Discount Summary

Average Savings Per Year	$1,278.76
TOTAL SAVINGS	$6,393.80

Payment Summary

Date	Subtotal	Tax	Total
Jun 2026	$14,014.68	$736.92	$14,751.60
Jun 2027	$14,014.68	$736.92	$14,751.60
Jun 2028	$14,014.68	$736.92	$14,751.60
Jun 2029	$14,014.68	$736.92	$14,751.60
Jun 2030	$14,014.68	$736.95	$14,751.63
Total	**$70,073.40**	**$3,684.63**	**$73,758.03**

Quote Unbundled Price:	**$76,470.60**
Quote List Price:	**$70,073.40**
Quote Subtotal:	**$70,073.40**

Pricing

All deliverables are detailed in Delivery Schedules section lower in proposal

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
Program									
IR1CA	Interview Room 1 Camera Standard	3	60	$407.10	$371.56	$371.56	$66,880.80	$3,453.17	$70,333.97
A la Carte Software									
50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	1		$1,500.00	$1,500.00	$1,500.00	$108.75	$1,608.75
50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	60		$28.21	$28.21	$1,692.60	$122.71	$1,815.31
Total							**$70,073.40**	**$3,684.63**	**$73,758.03**

Delivery Schedule

Hardware

Bundle	Item	Description	QTY	Shipping Location	Estimated Delivery Date
Interview Room 1 Camera Standard	50118	AXON INTERVIEW - MIC - WIRED (STANDARD MIC)	3	1	11/15/2026
Interview Room 1 Camera Standard	50221	AXON INTERVIEW - POE SWITCH - 24 PORT	1	1	11/15/2026
Interview Room 1 Camera Standard	50294	AXON INTERVIEW - SERVER - LITE	2	1	11/15/2026
Interview Room 1 Camera Standard	50298	AXON INTERVIEW - CAMERA - OVERT DOME	3	1	11/15/2026
Interview Room 1 Camera Standard	50322	AXON INTERVIEW - TOUCH PANEL PRO	3	1	11/15/2026
Interview Room 1 Camera Standard	74056	AXON INTERVIEW - TOUCH PANEL WALL MOUNT	3	1	11/15/2026

Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
Interview Room 1 Camera Standard	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	3	12/15/2026	12/14/2031
Interview Room 1 Camera Standard	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	3	12/15/2026	12/14/2031
Interview Room 1 Camera Standard	50041	AXON INTERVIEW - STREAMING SERVER LICENSE - PER SERVER	2	12/15/2026	12/14/2031
Interview Room 1 Camera Standard	50043	AXON INTERVIEW - STREAMING SERVER MAINTENANCE - PER SERVER	2	12/15/2026	12/14/2031
Interview Room 1 Camera Standard	50045	AXON EVIDENCE - STORAGE - INTERVIEW ROOM UNLIMITED	3	12/15/2026	12/14/2031
Interview Room 1 Camera Standard	73840	AXON EVIDENCE - ECOM LICENSE - BASIC	1	12/15/2026	12/14/2031
A la Carte	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	12/15/2026	12/14/2031
A la Carte	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	12/15/2026	12/14/2031

Services

Bundle	Item	Description	QTY
Interview Room 1 Camera Standard	85170	AXON INTERVIEW - INSTALLATION - STANDARD (PER ROOM)	3

Warranties

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
Interview Room 1 Camera Standard	101648	AXON INTERVIEW - EXT WARRANTY - 5 YEARS	3		

Shipping Locations

Location Number	Street	City	State	Zip	Country
1	205 Saunders St	Apex	NC	27502-1447	USA

Payment Details

Jun 2026

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 1	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	$300.00	$21.75	$321.75
Annual Payment 1	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	$338.52	$24.54	$363.06
Annual Payment 1	IR1CA	Interview Room 1 Camera Standard	3	$13,376.16	$690.63	$14,066.79
Total				**$14,014.68**	**$736.92**	**$14,751.60**

Jun 2027

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 2	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	$300.00	$21.75	$321.75
Annual Payment 2	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	$338.52	$24.54	$363.06
Annual Payment 2	IR1CA	Interview Room 1 Camera Standard	3	$13,376.16	$690.63	$14,066.79
Total				**$14,014.68**	**$736.92**	**$14,751.60**

Jun 2028

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 3	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	$300.00	$21.75	$321.75
Annual Payment 3	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	$338.52	$24.54	$363.06
Annual Payment 3	IR1CA	Interview Room 1 Camera Standard	3	$13,376.16	$690.63	$14,066.79
Total				**$14,014.68**	**$736.92**	**$14,751.60**

Jun 2029

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 4	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	$300.00	$21.75	$321.75
Annual Payment 4	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	$338.52	$24.54	$363.06
Annual Payment 4	IR1CA	Interview Room 1 Camera Standard	3	$13,376.16	$690.63	$14,066.79
Total				**$14,014.68**	**$736.92**	**$14,751.60**

Jun 2030

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 5	50037	AXON INTERVIEW - CLIENT SOFTWARE - PER TOUCH PANEL-PC	1	$300.00	$21.75	$321.75
Annual Payment 5	50039	AXON INTERVIEW - CLIENT SOFTWARE - MAINT. PER TOUCH PANEL	1	$338.52	$24.55	$363.07
Annual Payment 5	IR1CA	Interview Room 1 Camera Standard	3	$13,376.16	$690.65	$14,066.81
Total				**$14,014.68**	**$736.95**	**$14,751.63**

Tax is estimated based on rates applicable at date of quote and subject to change at time of invoicing. If a tax exemption certificate should be applied, please submit prior to invoicing.

Standard Terms and Conditions

Axon Enterprise Inc. Sales Terms and Conditions

Axon Master Services and Purchasing Agreement:

This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement for Agency as negotiated and agreed to by the parties on June 26, 2023, as well as the attached Amendment 1, and any Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable.

ACEIP:

The Axon Customer Experience Improvement Program Appendix, which includes the sharing of de-identified segments of Agency Content with Axon to develop new products and improve your product experience (posted at www.axon.com/legal/sales-terms-and-conditions), is incorporated herein by reference. By signing below, you agree to the terms of the Axon Customer Experience Improvement Program.

Acceptance of Terms:

Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

x

Signature Town Manager

6/26/2026

[empty signing timestamp]

Date Signed

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

x

[empty member name] , Finance Director
Email: jon.griffin@apexnc.org
Timestamp: [empty signing timestamp]

Axon Enterprise, Inc.
17800 N 85th St
Scottsdale, Arizona 85255
United States
VAT: 86-0741227
Domestic:(800) 978-2737
International: +1.800.978.2737

Q-826741-46143DJ

Issued: 05/01/2026

Quote Expiration: 12/31/2026

Estimated Contract Start Date: 06/01/2026

Account Number: 110531

Payment Terms: N30

Mode of Delivery: AUTO-GND

Credit/Debit Amount: $0.00

SHIP TO	BILL TO	SALES REPRESENTATIVE	PRIMARY CONTACT
Apex Police Department - NC 205 Saunders St Apex, NC 27502-1447 USA	Apex Police Department - NC 205 Saunders St Apex NC 27502-1447 USA Email: 0566001166	Madison Mayfield Phone: Email: mmayfield@axon.com Fax:	Bradley Meyers Phone: (919) 423-9087 Email: bradley.meyers@apexnc.org Fax:

Quote Summary

Program Length	60 Months
TOTAL COST	$42,740.96
ESTIMATED TOTAL W/ TAX	$42,740.96

Discount Summary

Average Savings Per Year	$174.45
TOTAL SAVINGS	$872.24

Payment Summary

Date	Subtotal	Tax	Total
Jun 2026	$8,548.20	$0.00	$8,548.20
Jun 2027	$8,548.19	$0.00	$8,548.19
Jun 2028	$8,548.19	$0.00	$8,548.19
Jun 2029	$8,548.19	$0.00	$8,548.19
Jun 2030	$8,548.19	$0.00	$8,548.19
Total	**$42,740.96**	**$0.00**	**$42,740.96**

Quote Unbundled Price:	**$43,613.20**
Quote List Price:	**$43,613.20**
Quote Subtotal:	**$42,740.96**

Pricing

All deliverables are detailed in Delivery Schedules section lower in proposal

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
A la Carte Software									
100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	60		$141.67	$138.84	$8,330.20	$0.00	$8,330.20
100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	60		$75.00	$73.50	$8,820.00	$0.00	$8,820.00
102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	60		$37.97	$37.21	$8,930.56	$0.00	$8,930.56
100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	60		$241.67	$236.84	$14,210.20	$0.00	$14,210.20
A la Carte Services									
12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1			$2,500.00	$2,450.00	$2,450.00	$0.00	$2,450.00
Total							**$42,740.96**	**$0.00**	**$42,740.96**

Delivery Schedule

Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
A la Carte	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	06/01/2026	05/31/2031
A la Carte	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	06/01/2026	05/31/2031
A la Carte	100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	06/01/2026	05/31/2031
A la Carte	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	06/01/2026	05/31/2031

Services

Bundle	Item	Description	QTY
A la Carte	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1

Shipping Locations

Location Number	Street	City	State	Zip	Country
1	205 Saunders St	Apex	NC	27502-1447	USA

Payment Details

Jun 2026

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 1	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	$1,666.04	$0.00	$1,666.04
Annual Payment 1	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	$2,842.05	$0.00	$2,842.05
Annual Payment 1	100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	$1,764.00	$0.00	$1,764.00
Annual Payment 1	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	$1,786.11	$0.00	$1,786.11
Annual Payment 1	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1	$490.00	$0.00	$490.00
Total				**$8,548.20**	**$0.00**	**$8,548.20**

Jun 2027

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 2	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	$1,666.04	$0.00	$1,666.04
Annual Payment 2	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	$2,842.04	$0.00	$2,842.04
Annual Payment 2	100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	$1,764.00	$0.00	$1,764.00
Annual Payment 2	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	$1,786.11	$0.00	$1,786.11
Annual Payment 2	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1	$490.00	$0.00	$490.00
Total				**$8,548.19**	**$0.00**	**$8,548.19**

Jun 2028

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 3	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	$1,666.04	$0.00	$1,666.04
Annual Payment 3	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	$2,842.04	$0.00	$2,842.04
Annual Payment 3	100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	$1,764.00	$0.00	$1,764.00
Annual Payment 3	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	$1,786.11	$0.00	$1,786.11
Annual Payment 3	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1	$490.00	$0.00	$490.00
Total				**$8,548.19**	**$0.00**	**$8,548.19**

Jun 2029

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 4	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	$1,666.04	$0.00	$1,666.04
Annual Payment 4	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	$2,842.04	$0.00	$2,842.04
Annual Payment 4	100583	AXON AIR - DRONESENSE SCREENSHARE / MAVLINK LICENSE	2	$1,764.00	$0.00	$1,764.00
Annual Payment 4	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	$1,786.11	$0.00	$1,786.11
Annual Payment 4	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1	$490.00	$0.00	$490.00
Total				**$8,548.19**	**$0.00**	**$8,548.19**

Jun 2030

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 5	100579	AXON AIR - DRONESENSE UAS (CLASS 1)	1	$1,666.04	$0.00	$1,666.04
Annual Payment 5	100580	AXON AIR - DRONESENSE UAS (CLASS 2)	1	$2,842.04	$0.00	$2,842.04
Annual Payment 5	100583	AXON AIR - DRONESENSE SCREEN[illegible]ICENSE	2	$1,764.00	$0.00	$1,764.00

Jun 2030

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Annual Payment 5	102656	AXON AIR - AXON EVIDENCE UNLIMITED DATA STORAGE PER DRONE	4	$1,786.11	$0.00	$1,786.11
Annual Payment 5	12021	AXON AIR - PROFESSIONAL IMPLEMENTATION	1	$490.00	$0.00	$490.00
Total				**$8,548.19**	**$0.00**	**$8,548.19**

Tax is estimated based on rates applicable at date of quote and subject to change at time of invoicing. If a tax exemption certificate should be applied, please submit prior to invoicing.

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This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement for Agency as negotiated and agreed to by the parties on June 26, 2023, as well as the attached Amendment 1, and any Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable.

ACEIP:

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Acceptance of Terms:

Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

Exceptions to Standard Terms and Conditions

Rewrite Estimates

Estimated Amounts and Contract Terminations. Any amounts stated as due under existing or terminated contracts — including contract transfer balances carried forward to new or pending contracts — are estimates based on payments received as of the calculation date. These estimates may be adjusted if new contracts are not executed on the anticipated dates or if expected payments are not made.

Refresh Shipment Timing

Technology Assurance Plan (TAP) Refresh Prior to Renewal. For Customers with expiring agreements that include TAP refresh rights, Axon may, in its discretion, ship refresh hardware under the existing contract while renewal or replacement agreements are in progress. Any such shipments will be deemed made under the terms of the existing contract until the new contract is fully executed, after which any applicable updates, fees, or adjustments will apply.

Shipment Timing

Shipment Variance. Estimated shipment dates are provided for planning purposes only and are not guarantees. Axon may ship hardware before or after the estimated shipment date, and failure to meet an estimated shipment date will not, by itself, constitute a breach, provided Axon uses commercially reasonable efforts to meet estimated shipment dates.

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

x

Signature Town Manager

[empty signing timestamp]

Date Signed

x

[empty member name] , Finance Director
Email: jon.griffin@apexnc.org
Timestamp: [empty signing timestamp]

5/1/2026

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): Dianne Khin, Director

Department(s): Planning

Requested Motion

Conduct a Public Hearing and consider possible motion to adopt an annexation ordinance on the Question of Annexation - on the Question of Annexation - Apex Town Council's intent to annex 3.60 +/- acres, Apex Medical Center located at 1405 Zeno Road (PIN No. 0732-83-6597 and 1407 Zeno Road PIN No. 0732-83-4782), Annexation No. 797, into the Town Corporate limits.

Approval Recommended?

Yes

Item Details

The annexation petition has been certified, and a public hearing notice has been posted.

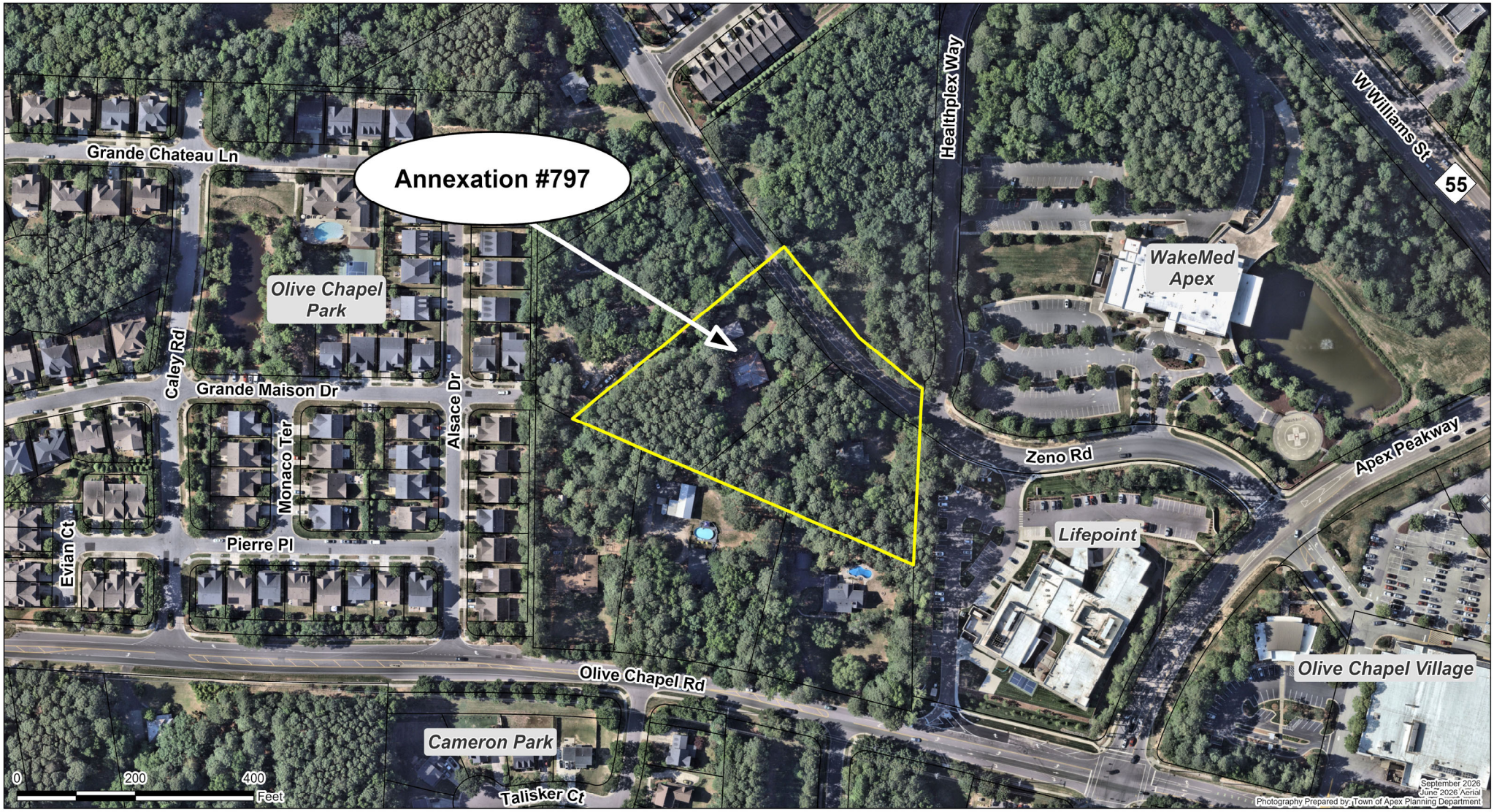
This annexation is requested to support a development of Apex Medical Center. These two parcels on Zeno Road were rezoned from Residential Agriculture to Office and Institutional Conditional Zoning on August 27, 2024 (5-0) and the statement and ordinance from that approval can be viewed (HERE) and the plat map design layout documents can be viewed (HERE).

Attachments

- PH1-A1: Annexation Ordinance - Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres
- PH1-A2: Legal Description – Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres
- PH1-A3: Aerial Map – Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres
- PH1-A4: Plat Map – Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres
- PH1-A5: Annexation Petition – Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres
- PH1-A6: Public Notice - Annexation No. 797 – Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres

ANNEXATION DESCRIPTION

BEGINNING AT AN IRON PIPE HAVING NCGS COORDINATES NORTHING 723,633.56’ AND EASTING 2,038,842.16’ ON THE SOUTHERN RIGHT OF WAY AT THE INTERSECTION OF THE COMMON PROPERTY LINE OF WAKEMED PROPERTY SERVICE, THENCE LEAVING SAID RIGHT OF WAY WITH SAID COMMON PROPERTY LINE SOUTH 02 DEGREES 19 MINUTES 20 SECONDS WEST FOR A DISTANCE OF 222.34 FEET TO A REBAR AT THE INTERSECTION OF THE COMMON PROPERTY LINE OF CARL THOMAS CLAY, THENCE NORTH 66 DEGREES 45 MINUTES 59 SECONDS WEST FOR A DISTANCE OF 378.23 FEET TO AN IRON ROD, THENCE NORTH 66 DEGREES 45 MINUTES 59 SECONDS WEST FOR A DISTANCE OF 235.00 FEET TO A POINT AT THE INTERSECTION OF THE COMMON PROPERTY LINE OF RUSSEL J. AND SHARON R. MILES, THENCE WITH SAID COMMON PROPERTY LINE NORTH 49 DEGREES 21 MINUTES 24 SECONDS EAST FOR A DISTANCE OF 385.11 FEET TO AN IRON PIPE ON THE SOUTHERN RIGHT OF WAY OF ZENO ROAD, THENCE CROSSING SAID RIGHT OF WAY NORTH 49 DEGREES 21 MINUTES 24 SECONDS EAST FOR A DISTANCE OF 63.91 FEET TO POINT ON THE NORTHERN RIGHT OF WAY OF ZENO ROAD, THENCE WITH SAID RIGHT OF WAY SOUTH 39 DEGREES 44 MINUTES 21 SECONDS EAST FOR A DISTANCE OF 198.69 FEET TO A POINT, THENCE SOUTH 50 DEGREES 34 MINUTES 51 SECONDS EAST FOR A DISTANCE OF 139.37 FEET TO AN IRON PIPE, THENCE LEAVING SAID RIGHT OF WAY SOUTH 02 DEGREES 19 MINUTES 20 SECONDS WEST A DISTANCE OF 71.00 FEET TO THE POINT OF BEGINNING, CONTAINING 156,833 SQUARE FEET OR 3.60 ACRES.


Annexation #797
Grande Chateau Ln
Olive Chapel Park
Caley Rd
Grande Maison Dr
Monaco Ter
Alsace Dr
Evian Ct
Pierre Pl
Healthplex Way
W Williams St
55
WakeMed Apex
Zeno Rd
Apex Peakway
Lifepoint
Olive Chapel Village
Olive Chapel Rd
Cameron Park
Talisker Ct
0
200
400
Feet
September 2026
June 2026 Aerial
Photography Prepared by: Town of Apex Planning Department

PETITION FOR VOLUNTARY ANNEXATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Application #: _____ Submittal Date: _____

Fee Paid $ _____ Check # _____

TO THE TOWN COUNCIL APEX, NORTH CAROLINA

1. We, the undersigned owners of real property, respectfully request that the area described in Part 4 below be annexed to the Town of Apex, ☒ Wake County, ☐ Chatham County, North Carolina.
2. The area to be annexed is ☒ contiguous, ☐ non-contiguous (satellite) to the Town of Apex, North Carolina and the boundaries are as contained in the metes and bounds description attached hereto.
3. If contiguous, this annexation will include all intervening rights-of-way for streets, railroads, and other areas as stated in G.S. 160A-31(f), unless otherwise stated in the annexation amendment.

OWNER INFORMATION

Phillip & Martha Fonville	0732836597
Owner Name (Please Print)	Property PIN or Deed Book & Page #
919-527-9152	pfonville2@gmail.com
Phone	E-mail Address
Philip A. Myers, Trustee of the Myers Living Trust	0732834782
Owner Name (Please Print)	Property PIN or Deed Book & Page #
919-616-2040	oldphil1996@gmail.com
Phone	E-mail Address
Owner Name (Please Print)	Property PIN or Deed Book & Page #
Phone	E-mail Address

SURVEYOR INFORMATION

Surveyor: Ronald Frederick (BGE, Inc.)

Phone: (919) 276-0111 Fax: N/A

E-mail Address: rfrederick@bgeinc.com

ANNEXATION SUMMARY CHART

Property Information		Reason(s) for annexation (select all that apply)	
Total Acreage to be annexed:	~~3.08~~ 3.6	Need water service due to well failure	☐
Population of acreage to be annexed:	0	Need sewer service due to septic system failure	☐
Existing # of housing units:	2	Water service (new construction)	☑
Proposed # of housing units:	0	Sewer service (new construction)	☑
Zoning District*:	O&I-CZ	Receive Town Services	☑

*If the property to be annexed is not within the Town of Apex's Extraterritorial Jurisdiction, the applicant must also submit a rezoning application with the petition for voluntary annexation to establish an Apex zoning designation. Please contact the Planning Department with questions.

PETITION FOR VOLUNTARY ANNEXATION

Application #: _____ Submittal Date: _____

COMPLETE IF SIGNED BY INDIVIDUALS:

All individual owners must sign. (If additional signatures are necessary, please attach an additional sheet.)

Phil Fonville
Please Print

_____
Signature

Martha Fonville
Please Print

_____
Signature

Philip Myers
Please Print

Philip Myers
Signature

_____
Please Print

_____
Signature

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Lynnette Smith, a Notary Public for the above State and County, this the 27th day of, January, 2025.

Lynnette Smith
Notary Public

SEAL

LYNNETTE SMITH
Notary Public, North Carolina
Orange County
My Commission Expires
08/09/2026

My Commission Expires: 08/09/2026

COMPLETE IF A CORPORATION:

In witness whereof, said corporation has caused this instrument to be executed by its President and attested by its Secretary by order of its Board of Directors, this the _____ day of _____, 20_____.

Corporate Name _____

SEAL

By: _____
President (Signature)

Attest:

_____
Secretary (Signature)

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

Application #: _____ Submittal Date: _____

COMPLETE IF IN A LIMITED LIABILITY COMPANY

In witness whereof, _____ a limited liability company, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the ____ day of _____, 20____.

Name of Limited Liability Company _____

By: _____
Signature of Member/Manager

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

COMPLETE IF IN A PARTNERSHIP

In witness whereof, _____, a partnership, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the _____ day of _____, 20_____.

Name of Partnership _____

By: _____
Signature of General Partner

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

PETITION FOR VOLUNTARY ANNEXATION

Application #: _____ Submittal Date: _____

COMPLETE IF SIGNED BY INDIVIDUALS:

All individual owners must sign. (If additional signatures are necessary, please attach an additional sheet.)

Phil Fonville Please Print	Phil Fonville Signature
Martha Fonville Please Print	Martha Fonville Signature
~~Philip Myers~~ N/A Please Print	N/A Signature
N/A Please Print	N/A Signature

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Terri Santoro Sharp, a Notary Public for the above State and County, this the 27 day of, January, 2025.

Terri Santoro Sharp
Notary Public

TERRI SANTORO SHARP NOTARY PUBLIC WAKE COUNTY, N.C. SEAL MY COMMISSION EXPIRES 1/30/2028

My Commission Expires: 1/30/2028

COMPLETE IF A CORPORATION:

In witness whereof, said corporation has caused this instrument to be executed by its President and attested by its Secretary by order of its Board of Directors, this the _____ day of _____, 20_____.

Corporate Name _____

SEAL

By: _____
President (Signature)

Attest:

_____
Secretary (Signature)

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

Application #: _____ Submittal Date: _____

COMPLETE IF IN A LIMITED LIABILITY COMPANY

In witness whereof, _____ a limited liability company, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the ____ day of _____, 20____.

Name of Limited Liability Company _____

By: _____
Signature of Member/Manager

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

COMPLETE IF IN A PARTNERSHIP

In witness whereof, _____, a partnership, caused this instrument to be executed in its name by a member/manager pursuant to authority duly given, this the _____ day of _____, 20_____.

Name of Partnership _____

By: _____
Signature of General Partner

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, _____, a Notary Public for the above State and County, this the _____day of _____, 20____.

_____
Notary Public

SEAL

My Commission Expires: _____

FOR APPLICANT USE ONLY
PLEASE DO NOT INCLUDE THIS CHECKLIST WITH YOUR APPLICATION SUBMITTAL

COMMON ACRONYMS/DEFINITIONS			
GeoCivix (IDT)	Electronic Plan Review	UDO	Town's Unified Development Ordinance
TOA	Town of Apex	NCDEQ	North Carolina Dept. of Environmental Quality
RCA	Resource Conservation Area	DDM	Design & Development Manual

CONTACT INFORMATION			
Planning Department	(919) 249-3426	Water Resources (Utilities)	(919) 372-7478
Development Services	(919) 249-3394	Clerk's Office	(919) 249-1260

#	REQUIRED PLAT ITEMS
1	The exact boundary lines of the area to be annexed fully dimensioned by lengths and bearings, and the location of intersecting boundary lines of existing town limits, labeled and distinctly marked. Include full right-of-way if the area on both sides is or will be in the corporate limits.
2	Show and label any utility easements with metes and bounds.
3	Accurate locations and descriptions of all monuments, markers, and control points.
4	Ultimate right-of-way widths on all streets.
5	Entitle "ANNEXATION MAP for the TOWN OF APEX" or "SATELLITE ANNEXATION MAP for the TOWN OF APEX", as appropriate.
6	Name of property owner.
7	Name, seal, and registration of Professionally Licensed Surveyor (PLS).
8	Date of the survey and map preparation; a north arrow indicating whether the index is true magnetic North Carolina grid (NAD 83 of NAD 27) or deed; graphic scale; and declination.
9	Names of the township, county, and state.
10	A detailed vicinity map.
11	Include address of property if assigned.
12	Show all contiguous or non-contiguous town limits.
13	The following certification must be placed on the map near a border to allow the map to be sealed: Annexation # _____ I, Allen Coleman, CMC, NCCCC, Town Clerk, Apex, North Carolina certify this a true and exact map of annexation adopted the _____ day of _____, 20___, by the Town Council. I set my hand and seal of the Town of Apex, _____. Day/Month/Year _____ Allen Coleman, CMC, NCCCC, Town Clerk -Seal-
14	Leave 2 inch by 2 inch space for the Wake County or Chatham County Register of Deeds stamp on the plat. All final plats must be stamped and signed before they can be accepted by the Town.

Media Contact:
Allen Coleman, Town Clerk to the Apex Town Council

FOR IMMEDIATE RELEASE

PUBLIC NOTICE – PUBLIC HEARING

APEX, N.C. (September 25, 2026) – The Town Council of Apex, North Carolina has scheduled a Public Hearing to be held at **6:00 p.m.** at Apex Town Hall, 73 Hunter Street, on the **13th day of October, 2026**, on the question of annexation of the following property requested by petition filed pursuant to G.S. 160A-31:

Annexation Petition No. 797
Apex Medical Center – 1405 and 1407 Zeno Road – 3.60 acres

Continued on next page

PUBLIC NOTICE – PUBLIC HEARING

Residents may submit written comments to the Town Council with attention marked to the Town Clerk Allen Coleman; P.O. Box 250; Apex, NC 27502 or by email at public public.hearing@apexnc.org. Please use subject line "Annexation Petition No. 797" and include your first and last name, your address, and your phone number in your written statements. Written comments will be accepted until 3:00 PM on Tuesday, October 13, 2026.

Members of the public can access and view the meeting on the Town's YouTube Channel https://www.youtube.com/c/TownofApexGov or attend in-person.

Anyone needing special accommodations to attend this meeting and/or if this information is needed in an alternative format, please contact the Town Clerk's Office. The Town Clerk is located at 73 Hunter Street in Apex Town Hall on the 2nd Floor, (email) allen.coleman@apexnc.org or (phone) 919-249-1260. We request at least 48 hours' notice prior to the meeting to make the appropriate arrangements.

Questions should be directed to the Town Clerk's Office.

###

NORTH CAROLINA PROFESSIONAL SEAL L-4720 LAND SURVEYOR RONALD T. FREDERICK

CERTIFICATE OF SURVEY AND ACCURACY

I, RONALD T. FREDERICK, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION. DEED DESCRIPTION RECORDED IN REFERENCES AS SHOWN: THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DASHED LINES DRAWN FROM INFORMATION FOUND IN REFERENCES SHOWN; THAT THE RATION OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED.

D. THIS SURVEY IS OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.

WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 4TH DAY OF OCTOBER A.D., 2024.

3-12-2025

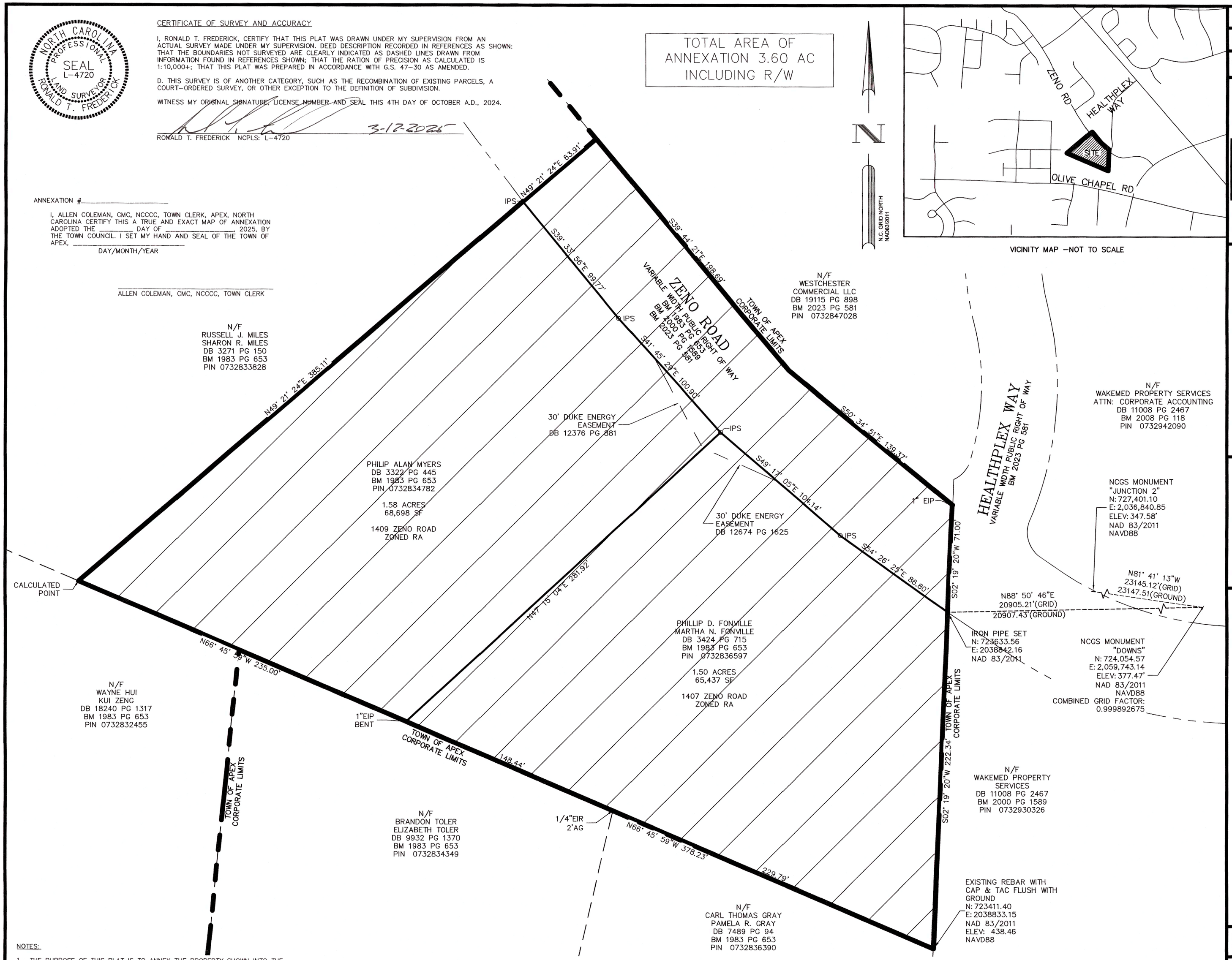
RONALD T. FREDERICK NCPLS: L-4720

ANNEXATION #_____

I, ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK, APEX, NORTH CAROLINA CERTIFY THIS A TRUE AND EXACT MAP OF ANNEXATION ADOPTED THE _____ DAY OF _____, 2025, BY THE TOWN COUNCIL. I SET MY HAND AND SEAL OF THE TOWN OF APEX, _____
DAY/MONTH/YEAR

_____
ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK

TOTAL AREA OF ANNEXATION 3.60 AC INCLUDING R/W



VICINITY MAP —NOT TO SCALE

NOTES:

1. THE PURPOSE OF THIS PLAT IS TO ANNEX THE PROPERTY SHOWN INTO THE TOWN OF APEX
2. HORIZONTAL CONTROL ESTABLISHED WITH GPS USING NCGS VRS HORIZONTAL DATUM – NCSPCS (NAD 83/2011)
3. THIS SURVEY AND MAP WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT. THIS SURVEY IS SUBJECT TO ANY FACTS AND EASEMENTS WHICH MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
4. AREAS SHOWN ARE BY COORDINATE METHOD.
5. BEARINGS FOR THIS SURVEY ARE BASED ON NC GRID NAD83/2011.

ABBREVIATION LEGEND

EIP – EXISTING IRON PIPE
CMF – CONCRETE MONUMENT FOUND
IPS – IRON PIPE SET
N/F – NOW OR FORMERLY
DB – DEED BOOK
PG – PAGE

LINE LEGEND

– PROPERTY LINE
– RIGHT-OF-WAY LINE
– APEX CORPORATE LIMITS

SCALE:	1"=40'
DRAWN BY:	JAS
REVIEWED BY:	RTF

BGE
5440 WADE PARK BLVD, SUITE 102
RALEIGH NC 27607
WWW.BGEINC.COM
NC LICENSE #C-4397
©2023

SURVEY FOR:
EAST WEST PARTNERS MANAGEMENT CO.

ADDRESS:
1450 ENVIRON WAY, CHAPEL HILL, NC 27517

LOCATED AT:
1405 & 1407 ZENO RD
APEX, NC 27502

ANNEXATION MAP FOR THE TOWN OF APEX

APEX TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

PROJECT#: 12413-00

FILE NAME: 12413-00_ANNEX

DATE: 01/29/2025

SHEET 1 OF 1

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): Dianne Khin, Director

Department(s): Planning

Requested Motion

Conduct a Public Hearing and consider possible motion to adopt an annexation ordinance on the Question of Annexation - on the Question of Annexation - Apex Town Council's intent to annex 22.19 +/- acres, located at 0 Camp Branch Lane (PIN No. 0731-14-2050) and 7104 Camp Branch Lane (PIN No. 0731-14-0691), Annexation No. 837, into the Town Corporate limits.

Approval Recommended?

Yes

Item Details

The annexation petition has been certified, and a public hearing notice has been posted.

This annexation is requested to support a new development (Ivy Glen Subdivision), which was rezoned on May 24, 2026 (5-0) – ORD-2026-050, from Rural Residential (RR) to Medium Density Residential-Conditional Zoning (MD-CZ). The approved statement and ordinance are included in the attachments section below as (A6)

Attachments

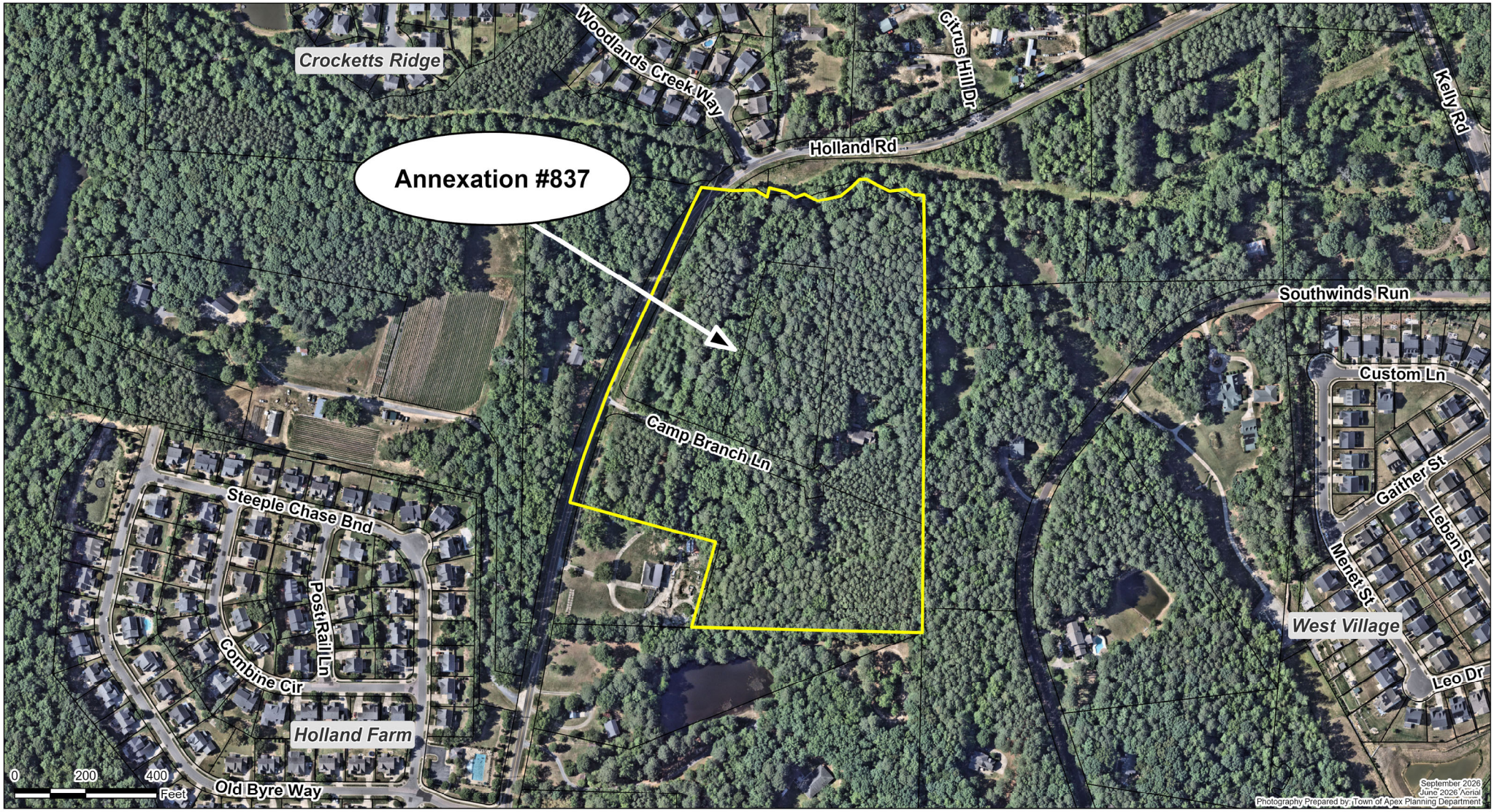
- PH2-A1: Annexation Ordinance - Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres
- PH2-A2: Legal Description – Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres
- PH2-A3: Aerial Map – Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres
- PH2-A4: Plat Map –Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres
- PH2-A5: Annexation Petition – Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres
- PH2-A6: ORD-2026-050 – Rezoning Case No. 25CZ19 – 0 and 71041 Camp Branch Lane – Approved May 24, 2025

- PH2-A7: Public Notice - Annexation No. 837 – Ivy Glen Development - 0 and 7104 Camp Branch Lane – 22.19 acres

IVY GATE
PIN: 0731-14-0691
7104 CAMP BRANCH LANE
BUCKHORN TOWNSHIP – WAKE COUNTY – NORTH CAROLINA
LEGAL DESCRIPTION

BEGINNING AT A CALCULATED POINT IN THE RIGHT-OF-WAY OF HOLLAND ROAD/S.R. 1187 VARIABLE WIDTH PUBLIC RIGHT-OF-WAY, SAID POINT HAVING NC GRID NAD83(2011) COORDINATES NORTHING: 714,377.13, EASTING: 2,030,799.10; THENCE NORTH 21°13'52" EAST 0.42 FEET TO A CALCULATED POINT; THENCE NORTH 21°13'52" EAST 48.07 FEET TO A CALCULATED POINT; THENCE NORTH 23°55'12" EAST 106.39 FEET TO A CALCULATED POINT; THENCE NORTH 25°05'30" EAST 108.15 FEET TO A CALCULATED POINT; THENCE NORTH 24°30'05" EAST 355.48 FEET TO A CALCULATED POINT; THENCE NORTH 26°34'29" EAST 39.90 FEET TO A CALCULATED POINT IN THE CENTERLINE OF A BRANCH; THENCE RUNNING WITH THE CENTERLINE OF SAID BRANCH SOUTH 84°03'42" EAST 88.06 FEET TO A CALCULATED POINT; THENCE NORTH 88°12'55" EAST 63.26 FEET TO A CALCULATED POINT; THENCE SOUTH 59°58'11" EAST 39.58 FEET TO A CALCULATED POINT; THENCE NORTH 13°24'29" EAST 26.15 FEET TO A CALCULATED POINT; THENCE SOUTH 76°56'24" EAST 47.71 FEET TO A CALCULATED POINT; THENCE SOUTH 60°22'04" EAST 31.61 FEET TO A CALCULATED POINT; THENCE NORTH 69°21'25" EAST 26.28 FEET TO A CALCULATED POINT; THENCE SOUTH 62°29'41" EAST 42.54 FEET TO A CALCULATED POINT; THENCE NORTH 77°41'47" EAST 65.67 FEET TO A CALCULATED POINT; THENCE NORTH 51°14'07" EAST 41.68 FEET TO A CALCULATED POINT; THENCE NORTH 47°17'20" EAST 29.04 FEET TO A CALCULATED POINT; THENCE NORTH 89°09'59" EAST 19.66 FEET TO A CALCULATED POINT; THENCE SOUTH 61°58'42" EAST 33.59 FEET TO A CALCULATED POINT; THENCE SOUTH 64°33'34" EAST 38.33 FEET TO A CALCULATED POINT; THENCE NORTH 83°54'55" EAST 47.35 FEET TO A CALCULATED POINT; THENCE SOUTH 53°34'16" EAST 24.69 FEET TO A CALCULATED POINT; THENCE SOUTH 86°07'58" EAST 29.54 FEET TO A CALCULATED POINT, SAID POINT BEING THE NORTHEASTERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS AS RECORDED IN ESTATE FILE 14-E-986 IN THE WAKE COUNTY REGISTER OF DEEDS; THENCE RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS SOUTH 00°34'58" EAST 266.70 FEET TO AN EXISTING IRON STAKE, SAID IRON STAKE BEING THE NORTHERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY TIMOTHY L. DONNELLY AND CYNTHIA O. DONNELLY AS RECORDED IN DEED BOOK 7858, PAGE 100 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS OFFICE; THENCE LEAVING THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS AND RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY TIMOTHY L. DONNELLEY AND CYNTHIA O. DONNELLY SOUTH 00°24'02" WEST 965.06 FEET TO AN EXISTING SECTION OF RAILROAD TRACK, SAID SECTION OF RAILROAD TRACK BEING THE SOUTHEASTERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY BRIAN GREGORY BRILL AND ANTHONY NEAL AS RECORDED IN DEED BOOK 19178, PAGE 2750 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS, AND LANDS NOW OR FORMERLY OWNED BY JAMES R. TRUELOVE AND TINA U. TRUELOVE AS RECORDED IN DEED BOOK 10783, PAGE 947 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS, AND LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AS RECORDED IN DEED BOOK 16245, PAGE 1513 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY BRIAN GREGORY BRILL AND ANTHONY NEAL AND RUNNING WITH THE COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE NORTH 88°39'44" WEST 649.86 FEET TO A CALCULATED POINT, SAID CALCULATED POINT BEING THE NORTHEASTERN MOST COMMON CORNER OF SAID LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AND LANDS NOW OR FORMERLY OWNED BY AMOS A. JONES AS RECORDED IN DEED BOOK 6883, PAGE 579 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1991, PAGE 1133 IN THE WAKE COUNTY REGISTER OF DEEDS OFFICE; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AND RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY AMOS A. JONES NORTH 15°47'06" EAST 248.05 FEET TO AN EXISTING IRON PIPE; THENCE NORTH 74°41'08" WEST 425.00 FEET TO A CALCULATED POINT IN THE RIGHT-OF-WAY OF HOLLAND ROAD/S.R. 1187

VARIABLE WIDTH PUBLIC RIGHT-OF-WAY; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY AMOS. A JONES NORTH 15°18'10" EAST 36.11 FEET TO A CALCULATED POINT; THENCE NORTH 17°06'25" EAST 104.11 FEET TO A CALCULATED POINT; THENCE NORTH 20°32'36" EAST 106.98 FEET TO A CALCULATED POINT; THENCE NORTH 21°13'52" EAST 57.58 FEET TO A CALCULATED POINT; WHICH IS THE POINT AND PLACE OF BEGINNING, CONTAINING 966,651 SQUARE FEET OR 22.19 ACRES AND IS THE SAME PARCELS DESCRIBED AS “LOT 1” AND “LOT 2” ON A SURVEY TITLED “CAMP BRANCH LANE ALTA/NSPS LAND TITLE SURVEY” PRODUCED BY THE JOHN R. MCADAMS COMPANY, DATED NOVEMBER 13, 2025.


Crocketts Ridge
Woodlands Creek Way
Citrus Hill Dr
Kelly Rd
Holland Rd
Annexation #837
Southwinds Run
Custom Ln
Camp Branch Ln
Gaither St
Leben St
Menet St
West Village
Leo Dr
Steeple Chase Bnd
Post Rail Ln
Combine Cir
Holland Farm
Old Byre Way
0
200
400
Feet
September 2026
June 2026 Aerial
Photography Prepared by: Town of Apex Planning Department

Petition for Voluntary Annexation

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Application #: 837 Submittal Date: 7-13-2026

Fee Paid $ 300.00 Check # CC

To The Town Council Apex, North Carolina

1. We, the undersigned owners of real property, respectfully request that the area described in Part 4 below be annexed to the Town of Apex, ■ Wake County, ☐ Chatham County, North Carolina.
2. The area to be annexed is ■ contiguous, ☐ non-contiguous (satellite) to the Town of Apex, North Carolina and the boundaries are as contained in the metes and bounds description attached hereto.
3. If contiguous, this annexation will include all intervening rights-of-way for streets, railroads, and other areas as stated in G.S. 160A-31(f), unless otherwise stated in the annexation amendment.

Owner Information

Estate of Thomas Ames Carter	0731142050
Owner Name (Please Print)	Property PIN or Deed Book & Page #
c/o Meredith McLaurin; 919-876-7411	meredith.mclaurin@hodgekittrellsir.com
Phone	E-mail Address
Estate of Thomas Ames Carter	0731140691
Owner Name (Please Print)	Property PIN or Deed Book & Page #
c/o Meredith McLaurin; 919-876-7411	meredith.mclaurin@hodgekittrellsir.com
Phone	E-mail Address
Owner Name (Please Print)	Property PIN or Deed Book & Page #
Phone	E-mail Address

Surveyor Information

Surveyor: McAdams - Corey Forrest

Phone: 919-361-5000 Fax: N/A

E-mail Address: forrest@mcadamsco.com

Annexation Summary Chart

Property Information		Reason(s) for annexation (select all that apply)	
Total Acreage to be annexed:	22.19	Need water service due to well failure	☐
Population of acreage to be annexed:	0	Need sewer service due to septic system failure	☐
Existing # of housing units:	1	Water service (new construction)	☑
Proposed # of housing units:	50	Sewer service (new construction)	☑
Zoning District*:	Medium Density Conditional (MD-CZ)	Receive Town Services	☑

*If the property to be annexed is not within the Town of Apex's Extraterritorial Jurisdiction, the applicant must also submit a rezoning application with the petition for voluntary annexation to establish an Apex zoning designation. Please contact the Planning Department with questions.

PETITION FOR VOLUNTARY ANNEXATION

Application #: 837 Submittal Date: 7-13-2026

COMPLETE IF SIGNED BY INDIVIDUALS:

All individual owners must sign. (If additional signatures are necessary, please attach an additional sheet.)

Jennifer Carter Credle

Please Print

Signature

Jennifer Carter Credle, individually and as Co-Executor of the Estate of Thomas A. Carter

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Cheryl M. Martin, a Notary Public for the above State and County, this the 26 day of, May, 2026.

Notary Public

SEAL

CHERYL M MARTIN NOTARY PUBLIC WAKE COUNTY, NC

My Commission Expires: 11/14/2026

PETITION FOR VOLUNTARY ANNEXATION

Application #: 837 Submittal Date: 7-13-2026

COMPLETE IF SIGNED BY INDIVIDUALS:

All individual owners must sign. (If additional signatures are necessary, please attach an additional sheet.)

Jocelyn Carter Pease
Please Print

Jocelyn Carter Pease
Signature

Jocelyn Carter Pease, individually and as Co-Executor of the Estate of Thomas A. Carter

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Cheryl M. Martin a Notary Public for the above State and County, this the 26 day of, May, 2026.

Cheryl M. Martin
Notary Public

SEAL

CHERYL M MARTIN
NOTARY
PUBLIC
WAKE COUNTY, NC

My Commission Expires: 11/14/2026

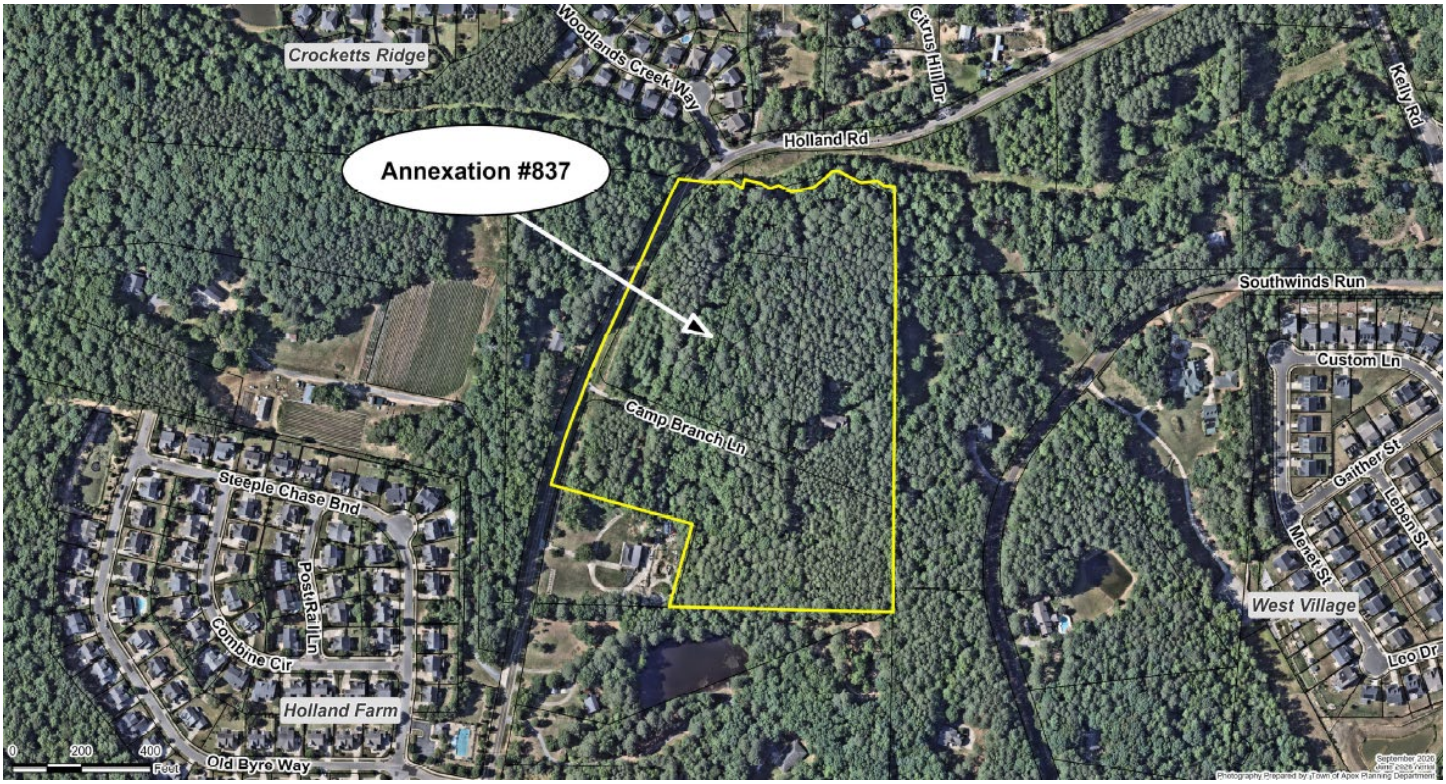
Media Contact:
Allen Coleman, Town Clerk to the Apex Town Council

FOR IMMEDIATE RELEASE

PUBLIC NOTICE – PUBLIC HEARING

APEX, N.C. (September 25, 2026) – The Town Council of Apex, North Carolina has scheduled a Public Hearing to be held at **6:00 p.m.** at Apex Town Hall, 73 Hunter Street, on the **13th day of October, 2026**, on the question of annexation of the following property requested by petition filed pursuant to G.S. 160A-31:

Annexation Petition No. 837
Ivy Glen Subdivision – 0 and 7104 Camp Branch Lane – 22.19 acres



Continued on next page

PUBLIC NOTICE – PUBLIC HEARING

Residents may submit written comments to the Town Council with attention marked to the Town Clerk Allen Coleman; P.O. Box 250; Apex, NC 27502 or by email at public public.hearing@apexnc.org. Please use subject line "Annexation Petition No. 837" and include your first and last name, your address, and your phone number in your written statements. Written comments will be accepted until 3:00 PM on Tuesday, October 13, 2026.

Members of the public can access and view the meeting on the Town's YouTube Channel https://www.youtube.com/c/TownofApexGov or attend in-person.

Anyone needing special accommodations to attend this meeting and/or if this information is needed in an alternative format, please contact the Town Clerk's Office. The Town Clerk is located at 73 Hunter Street in Apex Town Hall on the 2nd Floor, (email) allen.coleman@apexnc.org or (phone) 919-249-1260. We request at least 48 hours' notice prior to the meeting to make the appropriate arrangements.

Questions should be directed to the Town Clerk's Office.

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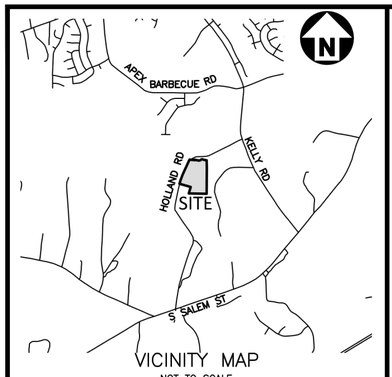


VICINITY MAP
NOT TO SCALE

SURVEYOR'S CERTIFICATE

I, COREY B. FORREST, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK AND PAGE AS SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK AND PAGE AS SHOWN; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47–30 AS AMENDED.

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE: G.S. 47–30 (F)(11)(A). THIS SURVEY CREATES SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 5th DAY OF August, A.D., 2026.

COREY B. FORREST, PROFESSIONAL LAND SURVEYOR L–5632

TOWN CLERK CERTIFICATION

ANNEXATION#_____I, ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK, APEX, NORTH CAROLINA CERTIFY THIS A TRUE AND EXACT MAP OF ANNEXATION ADOPTED THE_____ DAY OF_____, 20__, BY THE TOWN COUNCIL. SET MY HAND AND SEAL OF THE TOWN OF APEX, _____, DAY/MONTH/YEAR.

_____

ALLEN COLEMAN, CMC, NCCCC, TOWN CLERK

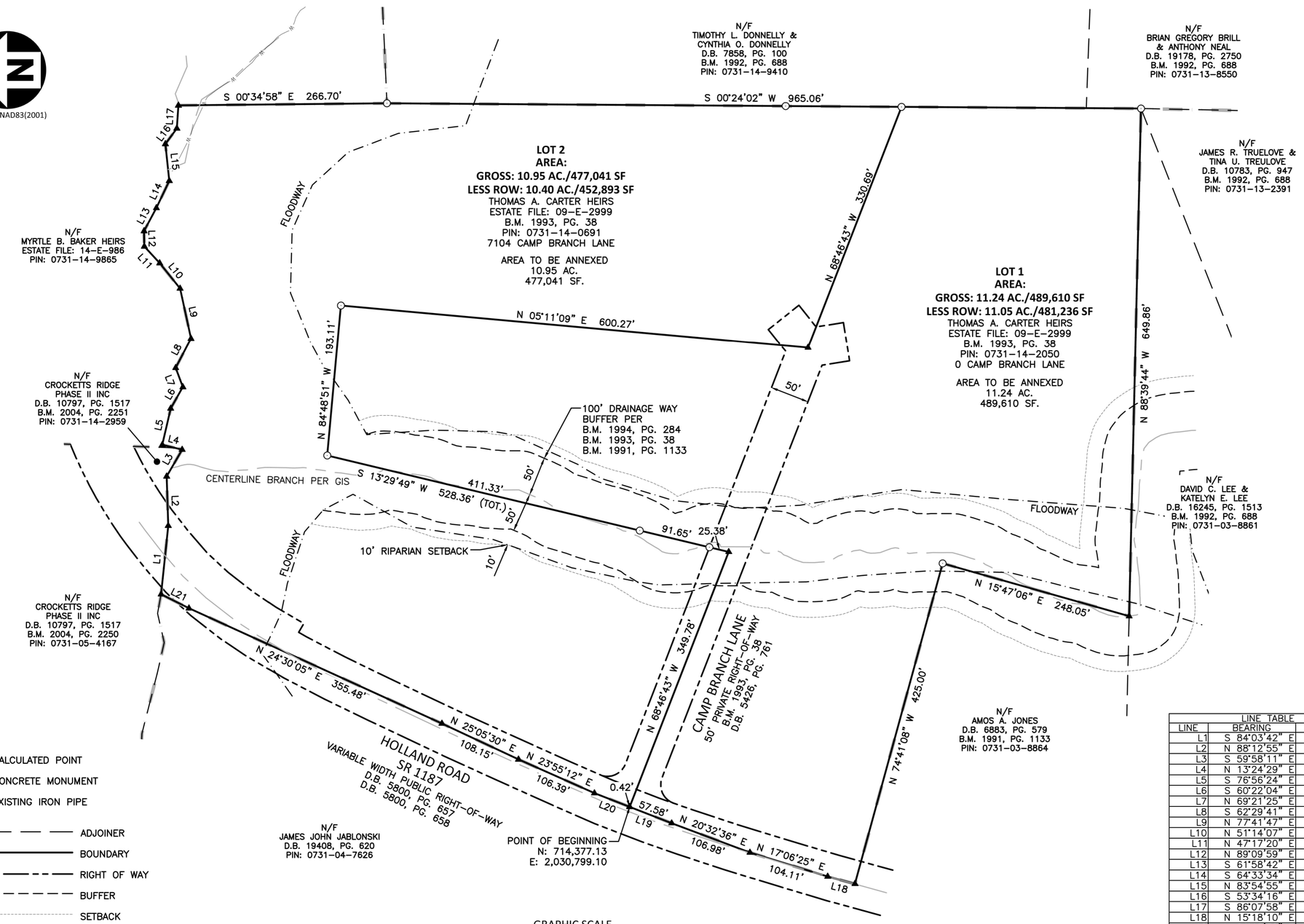
–SEAL

GENERAL NOTES

1. THIS IS A SURVEY OF AN EXISTING PARCEL(S) OF LAND.
2. BEARINGS FOR THIS SURVEY ARE BASED ON NAD 83.
3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
4. ZONING: APEX ZONE "MD–CZ" PER WAKE COUNTY GIS.
5. AREA BY COORDINATE GEOMETRY.
6. FLOOD NOTE: THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY F.E.M.A F.I.R.M COMMUNITY PANEL #3720073100K DATED JULY 19TH, 2022.

AREA OF ANNEXATION
22.19 ACRES+/-

NC GRID NAD83(2001)



LINE TABLE		
LINE	BEARING	DISTANCE
L1	S 84°03'42" E	88.06'
L2	N 88°12'55" E	63.26'
L3	S 59°58'11" E	39.58'
L4	N 13°24'29" E	26.15'
L5	S 76°56'24" E	47.71'
L6	S 60°22'04" E	31.61'
L7	N 69°21'25" E	26.28'
L8	S 62°29'41" E	42.54'
L9	N 77°41'47" E	65.67'
L10	N 51°14'07" E	41.68'
L11	N 47°17'20" E	29.04'
L12	N 89°09'59" E	19.66'
L13	S 61°58'42" E	33.59'
L14	S 64°33'34" E	38.33'
L15	N 83°54'55" E	47.35'
L16	S 53°34'16" E	24.69'
L17	S 86°07'58" E	29.54'
L18	N 15°18'10" E	36.11'
L19	N 21°13'52" E	58.00'
L20	N 21°13'52" E	48.07'
L21	N 26°34'29" E	39.90'

LEGEND

- CALCULATED POINT
- CONCRETE MONUMENT
- EXISTING IRON PIPE
- ADJOINER
- BOUNDARY
- RIGHT OF WAY
- BUFFER
- SETBACK
- CENTERLINE OF CREEK
- CORPORATE LIMIT

MCADAMS
The John R. McAdams Company, Inc.
2905 Meridian Parkway
Durham, NC 27713

phone 919. 361. 5000
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

CLIENT

LENNAR
1010 SYNC STREET, SUITE 600
MORRISVILLE, NC 27560
PHONE: 984-327-8851

IVY GATE
SATELLITE ANNEXATION MAP
FOR THE TOWN OF APEX
7104 CAMP BRANCH LANE
BUCKHORN TWP., WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL L-5632 LAND SURVEYOR COREY B. FORREST

REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO.	LEN-25031
FILENAME	LEN25031-A1
CHECKED BY	CBF
DRAWN BY	LER
SCALE	1"=100'
DATE	07. 28. 2026

SHEET

ANNEXATION PLAT

1-1

X:\Projects\LEN\LEN25031\02-Geomatics\Survey\ALTA\LEN25031-A1.dwg, 8/5/2026 1:51:21 PM, Corey Forrest

STATEMENT OF TOWN COUNCIL AND ORDINANCE AMENDING THE OFFICIAL ZONING DISTRICT MAP OF THE TOWN OF APEX TO CHANGE THE ZONING OF APPROXIMATELY 22.19 ACRES LOCATED AT 0 & 7104 CAMP BRANCH LANE FROM RURAL RESIDENTIAL (RR) TO MEDIUM DENSITY RESIDENTIAL-CONDITIONAL ZONING (MD-CZ)

#25CZ19

WHEREAS, Chris Bowley, Lennar Carolinas, LLC, applicant (the "Applicant"), submitted a completed application for a conditional zoning on the 3rd day of November, 2025 (the "Application"). The proposed conditional zoning is designated #25CZ19;

WHEREAS, the Planning Director for the Town of Apex, Dianne Khin, caused proper notice to be given (by publication and posting) of a public hearing on #25CZ19 before the Planning Board on the 9th day of March 2026;

WHEREAS, the Apex Planning Board held a public hearing on the 9th day of March 2026, gathered facts, received public comments and formulated a recommendation regarding the application for conditional zoning 25CZ19. A motion was made by the Apex Planning Board to recommend approval; the motion passed unanimously for the application for #25CZ19;

WHEREAS, pursuant to N.C.G.S. §160D-601 and Sec. 2.2.11.E of the Unified Development Ordinance, the Planning Director caused proper notice to be given (by publication and posting), of a public hearing on #25CZ19 before the Apex Town Council on the 24th day of March 2026;

WHEREAS, the Apex Town Council held a public hearing on the 24th day of March 2026. Joshua Killian, Planner II, presented the Planning Board's recommendation at the public hearing;

WHEREAS, all persons who desired to present information relevant to the application for #25CZ19 were allowed to present evidence at the public hearing before the Apex Town Council. No one who wanted to speak was turned away;

WHEREAS, the Apex Town Council finds that the approval of the rezoning is consistent with the 2045 Land Use Plan and other adopted plans in that the 2045 Land Use Map designates this area as Medium Density Residential. This designation on the 2045 Land Use Map includes the zoning district Medium Density Residential-Conditional Zoning (MD-CZ) and the Apex Town Council has further considered that the proposed rezoning to Medium Density Residential-Conditional Zoning (MD-CZ) will maintain the character and appearance of the area and provide the flexibility to accommodate the growth in population, economy, and infrastructure consistent with that contemplated by the 2045 Land Use Map;

WHEREAS, the Apex Town Council finds that the approval of the rezoning is reasonable and in the public interest in that: The conditions provided will allow the property to be developed in a manner that is consistent with the residential character of the area and limits the allowable density consistent with subdivisions within 300 feet of the rezoning. The proposed rezoning also includes dedication of right-of-way along the parcel's frontage consistent with the Apex Transportation Plan; and

WHEREAS, the Apex Town Council by a vote of 5 to 0 approved Application #25CZ19 rezoning on the 12th day of May 2026 for the subject tract located at 0 & 7104 Camp Branch Lane from Rural Residential (RR) to Medium Density Residential-Conditional Zoning (MD-CZ).

Ordinance Amending the Official Zoning District Map #25CZ19

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF APEX

Section 1: The lands that are the subject of the Ordinance are those certain lands described in Attachment "A" – Legal Description which is incorporated herein by reference, and said lands are hereafter referred to as the "Rezoned Lands."

Section 2: The Town of Apex Unified Development Ordinance, including the Town of Apex North Carolina Official Zoning District Map which is a part of said Ordinance, is hereby amended by changing the zoning classification of the "Rezoned Lands" from Rural Residential (RR) to Medium Density Residential-Conditional Zoning (MD-CZ) District, subject to the conditions stated herein.

Section 3: The Planning Director is hereby authorized and directed to cause the said Official Zoning District Map for the Town of Apex, North Carolina, to be physically revised and amended to reflect the zoning changes ordained by this Ordinance.

Section 4: The "Rezoned Lands" are subject to all of the following conditions which are imposed as part of this rezoning:

The Rezoned Lands may be used for, and only for, the uses listed immediately below. The permitted uses are subject to the limitations and regulations stated in the UDO and any additional limitations or regulations stated below. For convenience, some relevant sections of the UDO may be referenced; such references do not imply that other sections of the UDO do not apply.

1. Single-family
2. Accessory apartment
3. Utility, minor
4. Wireless support structure
5. Greenway
6. Park, active
7. Park, passive
8. Recreation facility, private

Zoning Conditions:

1. There shall be a maximum of fifty-eight (58) residential units on the property.

2. Minimum lot width shall be forty (40) feet.

3. The minimum side setbacks shall be five (5) feet and the minimum combined side setback shall be ten (10) feet.

4. The minimum front setback shall be twenty (20) feet.

5. There shall be a 20-foot Type B buffer and privacy fence along the shared property line with PIN 0731149410 (the "Donnelly Property"). The privacy fence shall have a minimum height of six (6) feet and be located along the west side of the buffer.

6. There shall be a privacy fence with a minimum height of six (6) feet where residential lots are adjacent to the buffer along PIN 0731038661. The privacy fence shall be located along the north side of the buffer.

7. The public right of way for the stub street to the Donnelly Property shall extend to the shared property line with the Donnelly Property (the "Property Line"), but the paved street and curb and

gutter shall terminate approximately 25 feet west of the Property Line. Developer shall pay a fee-in-lieu for the future extension of the stub street in accordance with the UDO.

8. The development shall construct a stub street to PIN 0731038661 in a location determined by developer and coordinated with Town staff during Master Subdivision Plan and Construction Document review.

9. No more than fifty (50) units shall be permitted with one (1) point of access to the public street system. If more than fifty (50) units are developed, the project shall have a minimum of two (2) points of access to the public street system.

10. Subject to Town of Apex and North Carolina Department of Transportation review and approval, Developer shall dedicate public right-of-way for the length of the property's Holland Road frontage, measured 40 feet from the existing centerline of Holland Road, and widen and improve Holland Road for the length of the property's Holland Road frontage based on a 50-foot curb and gutter 3-lane thoroughfare section with an 11-foot turn lane, 11-foot travel lanes, and 6-foot bike lanes, and construct 5-foot sidewalk offset one foot from the right-of-way consistent with the Town of Apex Bicycle and Pedestrian System Plan Map (the "Road Widening"). There are one or more streams on the property and the Road Widening will require approval from the U.S. Army Corps of Engineers and any other applicable governing body (the "Permitting Body") to permit the stream disturbance. If the Permitting Body will not permit the stream disturbance, developer shall pay a fee in lieu for the portion of the Road Widening that cannot be completed including the estimated cost of final design and permitting plus 15% contingency subject to review and approval of an engineer's estimate.

11. A southbound left turn lane shall be provided on Holland Road to serve Camp Branch Lane. In the event the developer is unable to acquire all necessary rights of way and easements for construction of the southbound left turn lane through good faith efforts, and the Town of Apex is unable or unwilling to assist in that acquisition, then the developer shall redesign the road improvements to eliminate the turn lane and pay a fee in lieu in the amount of the estimated cost of acquisition and construction plus 15% contengincy subject to review and approval of an engineer's estimate.

12. The following architectural conditions shall apply to single-family units:

    a. Vinyl siding is not permitted; however, vinyl windows, decorative elements, and trim are permitted.

    b. Garage doors shall have windows, decorative details, or carriage style adornments.

    c. A varied color palette shall be used on all homes to include a minimum of three color families.

    d. House entrances for units with front-facing single-car garages shall have a prominent covered porch/stoop area leading to the front door.

    e. The rear and side elevations of the units that can be seen from the right-of-way shall have trim around the windows.

    f. The garage shall not protrude more than one (1) foot out from the façade or front porch. Living space above a garage shall not be considered part of the front façade.

13. A minimum of ten percent (10%) of the total units on the property shall be affordable housing units. The affordable units may be for sale or for rent units, at the election of developer prior to issuance of building permits for the affordable units. Final affordable housing unit floor plan selection which includes unit size and bedroom size will be at the discretion of the developer. If the affordable units calculation results in a fraction between 0.50 and 0.99, the affordable units shall be rounded up to the nearest whole number. If the affordable units calculation results in a fraction between 0.01 and 0.49, the affordable units shall be rounded down to the nearest whole number. For sale affordable units (the "For Sale Units") shall be subject to the following terms and conditions:

    - The For Sale Units shall be constructed on-site and sold (includes unit price and lot price) at a mutually agreeable maximum affordable median income ownership initial sales price (the "Initial Sales Price").

    - The For Sale Units shall be occupied by households earning no more than one-hundred twenty (120%) of the Raleigh NC Metropolitan Statistical Area (MSA), Area Median Income (AMI) as most recently published by HUD (the "Income Limit"). For purposes of calculating the Initial Sales Price for the For Sale Units, affordable shall mean a reasonable down payment and monthly housing costs expected during the first calendar year of occupancy, including utilities or utility allowances, mortgage loan principal and interest, mortgage insurance, property taxes, homeowner's insurance, homeowner's association dues, if any, and all other property assessments, dues and fees assessed as a condition of property ownership (the "Housing Costs"). For purposes of the calculation, monthly Housing Costs shall not exceed thirty percent (30%) of the Income Limit divided by twelve (12).

    - A restrictive covenant (i.e. resale deed restriction) with a minimum affordability period of twenty (20) years (the "Affordability Period") shall be recorded in the Wake County Registry against the For Sale Units concurrently at the close of escrow upon the sale of each For Sale Unit.

    - Following the first sale of the For Sale Units to a buyer for use as a residence, Developer shall not be responsible for managing the For Sale Units or performing marketing, applicant screening, and selection related to future sales of the For Sale Units.

    For rent affordable units (the "Rental Units") shall be subject to the following terms and conditions:

    - The Rental Units shall be occupied by low-income households earning no more than eighty percent (80%) of the Raleigh, NC Metropolitan Statistical Area (MSA) Area Median Income, as most recently published by the U.S. Department of Housing and Urban Development (HUD) for a period of thirty (30) years starting from the date of issuance of the first residential Certificate of Occupancy (the "Affordability Period").

    - Prior to issuance of the first Certificate of Occupancy for the Rental Units, a restrictive covenant between the Town and property owner shall be executed and recorded in the Wake County Registry to memorialize the affordable housing terms and conditions.

    - During the Affordability Period, the property owner shall submit annual compliance reports to the Town to verify compliance with the affordable housing terms and conditions.

- Following expiration of the Affordability Period, this affordable housing condition shall expire, and the property owner shall be relieved of all obligations set forth in this affordable housing condition, and the Rental Units may be freely marketed and leased at market rate rents.

14. Homeowner Association covenants shall not restrict the construction of accessory dwelling units.

15. The development shall install at least one pet waste stations per twenty-five (25) residential units residential units in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways, or side paths. If there are fewer than 25 homes, at least one pet waste station shall be installed.

16. The development shall install one (1) sign per Stormwater Control Measure to reduce pet waste and prohibit fertilizer in a location that is publicly accessible, such as adjacent to a sidewalk.

17. At least 75% of the landscaping shall be native species which shall provide diverse and abundant pollinator and bird food sources. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.

18. No single species of native or adaptive vegetation shall constitute more than 20% of the plant material of its type within a single development site.

19. The HOA Declaration of Covenants shall not prohibit clover or native grass mixed species lawns.

20. The HOA Declaration of Covenants shall not require that fallen leaves or dormant plants be removed during the winter on areas without turf grass, including individual homes and HOA owned common areas.

21. A solar PV system of at least 3.5kW shall be installed on at least 10% of single-family homes in the development. Solar installation shall be under construction prior to issuance of 90% of the building permits for the development.

22. Each unit shall have at least one electrical receptacle suitable for electric vehicle charging with minimum voltage of 220V.

Section 5: The "Rezoned Lands" shall be perpetually bound to the conditions imposed including the uses authorized, unless subsequently changed or amended as provided for in the Unified Development Ordinance. Site plans for any development to be made pursuant to this amendment to the Official Zoning District Map shall be submitted for site plan approval as provided for in the Unified Development Ordinance.

Section 6: This Ordinance shall be in full force and effect from and after its adoption.

Motion by Council Member Zegerman

Seconded by Council Member Mahaffey

With 4 Council Member(s) voting "aye."

With 0 Council Member(s) voting "no."

Ordinance Amending the Official Zoning District Map #25CZ19

This the 28th day of May 2026.

TOWN OF APEX

Jacques K. Gilbert
Mayor

ATTEST:

Allen Coleman, CMC, NCCCC
Town Clerk

APPROVED AS TO FORM:

Town Attorney

CAMP BRANCH LANE
PIN: 0731-14-0691
7104 CAMP BRANCH LANE
BUCKHORN TOWNSHIP – WAKE COUNTY – NORTH CAROLINA
LEGAL DESCRIPTION

BEGINNING AT A CALCULATED POINT IN THE RIGHT-OF-WAY OF HOLLAND ROAD/S.R. 1187 VARIABLE WIDTH PUBLIC RIGHT-OF-WAY, SAID POINT HAVING NC GRID NAD83(2011) COORDINATES NORTHING: 714,377.13, EASTING: 2,030,799.10; THENCE NORTH 21°13'52" EAST 0.42 FEET TO A CALCULATED POINT; THENCE NORTH 21°13'52" EAST 48.07 FEET TO A CALCULATED POINT; THENCE NORTH 23°55'12" EAST 106.39 FEET TO A CALCULATED POINT; THENCE NORTH 25°05'30" EAST 108.15 FEET TO A CALCULATED POINT; THENCE NORTH 24°30'05" EAST 355.48 FEET TO A CALCULATED POINT; THENCE NORTH 26°34'29" EAST 39.90 FEET TO A CALCULATED POINT IN THE CENTERLINE OF A BRANCH; THENCE RUNNING WITH THE CENTERLINE OF SAID BRANCH SOUTH 84°03'42" EAST 88.06 FEET TO A CALCULATED POINT; THENCE NORTH 88°12'55" EAST 63.26 FEET TO A CALCULATED POINT; THENCE SOUTH 59°58'11" EAST 39.58 FEET TO A CALCULATED POINT; THENCE NORTH 13°24'29" EAST 26.15 FEET TO A CALCULATED POINT; THENCE SOUTH 76°56'24" EAST 47.71 FEET TO A CALCULATED POINT; THENCE SOUTH 60°22'04" EAST 31.61 FEET TO A CALCULATED POINT; THENCE NORTH 69°21'25" EAST 26.28 FEET TO A CALCULATED POINT; THENCE SOUTH 62°29'41" EAST 42.54 FEET TO A CALCULATED POINT; THENCE NORTH 77°41'47" EAST 65.67 FEET TO A CALCULATED POINT; THENCE NORTH 51°14'07" EAST 41.68 FEET TO A CALCULATED POINT; THENCE NORTH 47°17'20" EAST 29.04 FEET TO A CALCULATED POINT; THENCE NORTH 89°09'59" EAST 19.66 FEET TO A CALCULATED POINT; THENCE SOUTH 61°58'42" EAST 33.59 FEET TO A CALCULATED POINT; THENCE SOUTH 64°33'34" EAST 38.33 FEET TO A CALCULATED POINT; THENCE NORTH 83°54'55" EAST 47.35 FEET TO A CALCULATED POINT; THENCE SOUTH 53°34'16" EAST 24.69 FEET TO A CALCULATED POINT; THENCE SOUTH 86°07'58" EAST 29.54 FEET TO A CALCULATED POINT, SAID POINT BEING THE NORTHEASTERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS AS RECORDED IN ESTATE FILE 14-E-986 IN THE WAKE COUNTY REGISTER OF DEEDS; THENCE RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS SOUTH 00°34'58" EAST 266.70 FEET TO AN EXISTING IRON STAKE, SAID IRON STAKE BEING THE NORTHERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY TIMOTHY L. DONNELLY AND CYNTHIA O. DONNELLY AS RECORDED IN DEED BOOK 7858, PAGE 100 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS OFFICE; THENCE LEAVING THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY MYRTLE B. BAKER HEIRS AND RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY TIMOTHY L. DONNELLEY AND CYNTHIA O. DONNELLY SOUTH 00°24'02" WEST 965.06 FEET TO AN EXISTING SECTION OF RAILROAD TRACK, SAID SECTION OF RAILROAD TRACK BEING THE SOUTHEASTERN MOST COMMON CORNER OF LANDS NOW OR FORMERLY OWNED BY BRIAN GREGORY BRILL AND ANTHONY NEAL AS RECORDED IN DEED BOOK 19178, PAGE 2750 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS, AND LANDS NOW OR FORMERLY OWNED BY JAMES R. TRUELOVE AND TINA U. TRUELOVE AS RECORDED IN DEED BOOK 10783, PAGE 947 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS, AND LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AS RECORDED IN DEED BOOK 16245, PAGE 1513 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1992, PAGE 688 IN THE WAKE COUNTY REGISTER OF DEEDS; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY BRIAN GREGORY BRILL AND ANTHONY NEAL AND RUNNING WITH THE COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE NORTH 88°39'44" WEST 649.86 FEET TO A CALCULATED POINT, SAID CALCULATED POINT BEING THE NORTHEASTERN MOST COMMON CORNER OF SAID LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AND LANDS NOW OR FORMERLY OWNED BY AMOS A. JONES AS RECORDED IN DEED BOOK 6883, PAGE 579 AND AS DEPICTED ON A SURVEY RECORDED IN BOOK OF MAPS 1991, PAGE 1133 IN THE WAKE COUNTY REGISTER OF DEEDS OFFICE; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY DAVID C. LEE AND KATELYN E. LEE AND RUNNING WITH THE COMMON LINE OF SAID LANDS NOW OR FORMERLY OWNED BY AMOS A. JONES NORTH 15°47'06" EAST 248.05 FEET TO AN EXISTING IRON PIPE; THENCE NORTH 74°41'08" WEST 425.00 FEET TO A CALCULATED POINT IN THE RIGHT-OF-WAY OF HOLLAND ROAD/S.R. 1187

VARIABLE WIDTH PUBLIC RIGHT-OF-WAY; THENCE LEAVING SAID COMMON LINE OF LANDS NOW OR FORMERLY OWNED BY AMOS. A JONES NORTH 15°18'10" EAST 36.11 FEET TO A CALCULATED POINT; THENCE NORTH 17°06'25" EAST 104.11 FEET TO A CALCULATED POINT; THENCE NORTH 20°32'36" EAST 106.98 FEET TO A CALCULATED POINT; THENCE NORTH 21°13'52" EAST 57.58 FEET TO A CALCULATED POINT; WHICH IS THE POINT AND PLACE OF BEGINNING, CONTAINING 966,651 SQUARE FEET OR 22.19 ACRES AND IS THE SAME PARCELS DESCRIBED AS “LOT 1” AND “LOT 2” ON A SURVEY TITLED “CAMP BRANCH LANE ALTA/NSPS LAND TITLE SURVEY” PRODUCED BY THE JOHN R. MCADAMS COMPANY, DATED NOVEMBER 13, 2025.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): Joanna Helms, Director

Department(s): Economic Development

Requested Motion

Motion to continue the Public Hearing regarding the proposed economic development incentive for Project Buffer to the November 10, 2026, Town Council Meeting.

Approval Recommended?

Yes

Item Details

Pursuant to North Carolina General Statutes § 158-7.1, notice was advertised for a public hearing for October 13, 2026, to receive public input regarding a proposed economic development incentive for Project Buffer, an advanced manufacturing company considering establishing a new facility within the corporate limits of Apex.

The proposed project represents an estimated $202 million investment over five years, with the anticipated creation of approximately 333 new jobs at an average annual salary of $78,000. The estimated economic development incentive totals $1,510,067 over five years, with annual funding subject to appropriation from the Town's General Fund.

The public hearing was advertised for October 13, 2026; however, staff is requesting that Town Council continue the public hearing to its November 10, 2026, meeting.

Attachments

- PH3-A1: Public Notice – Economic Development Incentive – Project Buffer

Media Contact:
Allen Coleman, Town Clerk to the Apex Town Council

FOR IMMEDIATE RELEASE

ECONOMIC DEVELOPMENT INCENTIVE – PUBLIC HEARING NOTICE

APEX, N.C. (September 25, 2026) – Pursuant to North Carolina General Statutes (NCGS) §158-7.1, notice is hereby given that the Apex Town Council will hold a Public Hearing at 6:00 p.m. (or as soon thereafter as persons may be heard) on Tuesday, October 13, 2026, in the Council Chambers of the Apex Town Hall located at 73 Hunter Street in Apex, North Carolina. The purpose of the public hearing is to solicit public input regarding the proposed economic development incentive for Project Buffer.

Project Buffer, an advanced manufacturing company proposed to establish a new facility in the corporate limits of the Town of Apex. The company would invest approximately $202 million over five years. The Town Council believes this project will stimulate economic activity, will result in the creation of approximately 333 new jobs with an average annual salary of $78,000, help increase the commercial tax base, and create additional revenues for the Town and Wake County. The estimated economic development incentive is approximately $1,510,067 over a five year period. Funding for the annual incentive would be annually appropriated from the Town's General Fund.

The purpose of this public hearing is to receive the public's input on the proposed economic development incentive. The Council would consider the associated contract/agreement at a future meeting.

Anyone needing special accommodations to attend this meeting and/or if this information is needed in an alternative format, please contact the Town Clerk's Office. The Town Clerk is located at 73 Hunter Street in Apex Town Hall on the 2nd Floor, (email) allen.coleman@apexnc.org or (phone) 919-249-1260. We request at least 48 hours' notice prior to the meeting to make the appropriate arrangements.

Questions should be directed to the Town Clerk's Office.

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| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Public Hearing and possible motion to adopt an order closing a right-of-way (ROW) on a portion of Chapel Ridge Road, related to the Chapel Ridge North Development.

Approval Recommended?

The Town Clerk recommends the Town Council approve the closing of the right-of-way (ROW) on a portion of Chapel Ridge Road, related to the Chapel Ridge North Development, pursuant to North Carolina General Statutes 160A-299 and the Town's adopted Policy on Closing Public Rights of Way for Streets, Roads, and Alleys.

Item Details

On June 29, 2026, Derick Blankenship, on behalf of the HS Chapel Ridge, LLC, submitted a request to close a portion of 0.16 acres of dedicated public right-of-way of Chapel Ridge Road. The portion of right-of-way being referenced is adjacent to PINs 0732-24-9927 and 0732-25-8464. This right-of-way is most recently recorded in the Wake County Book of Maps 2024, page 02095 and Wake County Book of Maps 1987, page 00556. In addition, this right-of-way needs to be abandoned to allow for the realignment of Chapel Ridge Road and development of the adjacent parcels associated with the Chapel Ridge North development.

The Town's Technical Review Committee (comprised of many departments including transportation and infrastructure, planning, and public safety) all reviewed the submitted request and recommends Council consider this request.

Attachments

- PH4-A1: Request to Close a Portion of Chapel Ridge Road – Submitted on June 29, 2026
- PH4-A2: Legal Description – Request to Close Portion of Chapel Ridge Road
- PH4-A3: Plat Map – Request to Close Portion of Chapel Ridge Road
- PH4-A4: Resolution of Intent to Consider the Right-of-Way Closure Request – Chapel Ridge Road
- PH4-A5: Comment Letter from Technical Review Committee – ROW- Closure Request – Chapel Ridge Road

- PH4-A6: Policy on Closing Public Rights of Way for Streets, Roads, and Alleys
- PH4-A7: Receipt of ROW- Closure Request – Application Fee
- PH4-A8: Receipt of ROW- Closure Request – Processing Fee
- PH4-A9: Public Notice Advertisement in Newspaper Proof
- PH4-A10: PowerPoint Presentation – Chapel Ridge North Road Closure Request
- PH4-A11: Order for Closure – ***pending***

MCADAMS

80 Charlotte Street
Suite 40
Asheville, NC 28801
919. 361. 5000

2021110513

RECEIVED
JUN 29 2026
TOWN OF APEX
OFFICE OF THE TOWN CLERK

June 22, 2026

Mr. Allen Coleman, Town Clerk
Town of Apex
73 Hunter Street
Apex, North Carolina 27502

RE: Chapel Ridge North – Right of Way Recombination & Abandonment Letter

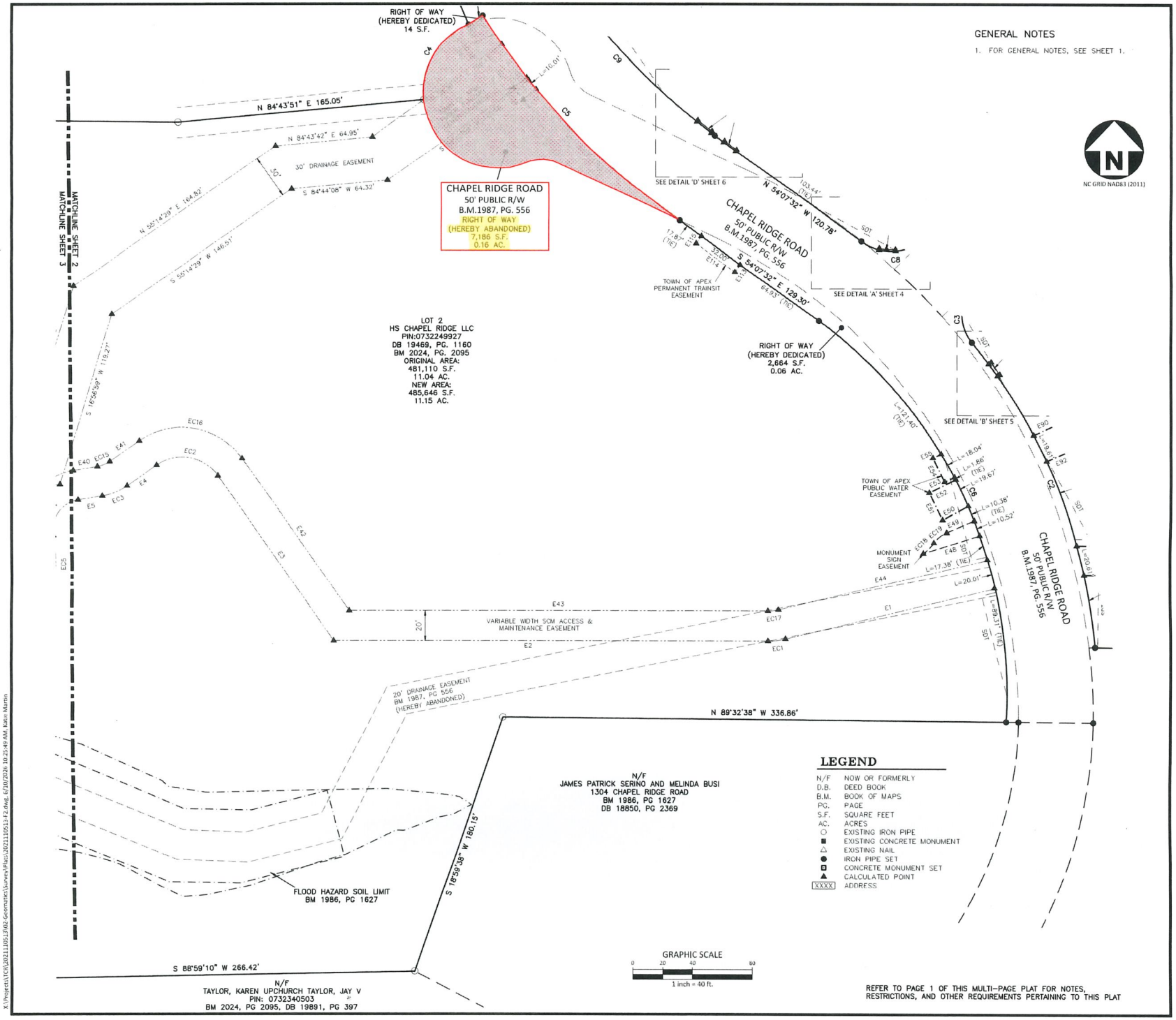
2021110513

Dear Mr. Coleman,

McAdams on behalf of HS Chapel Ridge, LLC is requesting the closure/abandonment of 0.16 acres of dedicated public right of way of Chapel Ridge Road. The portion of right of way being referenced is adjacent to PINs 0732-24-9927 & 0732-25-8464. This right of way is most recently recorded in Wake County Book of Maps 2024 pg. 02095 and Wake County Book of Maps 1987 pg. 00556. This portion of right of way needs to be abandoned to allow for the re-alignment of Chapel Ridge Road and development of the adjacent parcels associated with the Chapel Ridge North development. A draft plat map of this right of way removal is attached for reference. Please call or email me if you have questions.

Sincerely,
McAdams

Derick Blankenship, PE | Senior Project Manager
blankenship@mcadamsco.com | 919. 361. 5000



GENERAL NOTES

1. FOR GENERAL NOTES, SEE SHEET 1.

LEGEND

N/F	NOW OR FORMERLY
D.B.	DEED BOOK
B.M.	BOOK OF MAPS
PG.	PAGE
S.F.	SQUARE FEET
AC.	ACRES
○	EXISTING IRON PIPE
■	EXISTING CONCRETE MONUMENT
△	EXISTING NAIL
●	IRON PIPE SET
◘	CONCRETE MONUMENT SET
▲	CALCULATED POINT
XXXX	ADDRESS

REFER TO PAGE 1 OF THIS MULTI-PAGE PLAT FOR NOTES, RESTRICTIONS, AND OTHER REQUIREMENTS PERTAINING TO THIS PLAT

MCADAMS
The John R. McAdams Company, Inc.
One Glenwood Avenue
Suite 201
Raleigh, NC 27603
phone 919. 823. 4300
fax 919. 361. 2269
license number: C-0293, C-187
www.mcadamsco.com

OWNER

HS CHAPEL RIDGE LLC
555 FAYETTEVILLE ST STE 300
RALEIGH NC 27601-3066

CHAPEL RIDGE NORTH

RIGHT OF WAY, RECOMBINATION, AND EASEMENT PLAT

1200, 1204, 1205, 1209, 1213, 1220 CHAPEL RIDGE RK FARM ROAD

WHITE OAK NTY, NORTH CAROLINA

- Page 256 -

NORTH CAROLINA PROFESSIONAL SEAL L-4472 SURVEYOR JAMES B. TAYLOR

PRELIMINARY

REVISIONS

NO. DATE

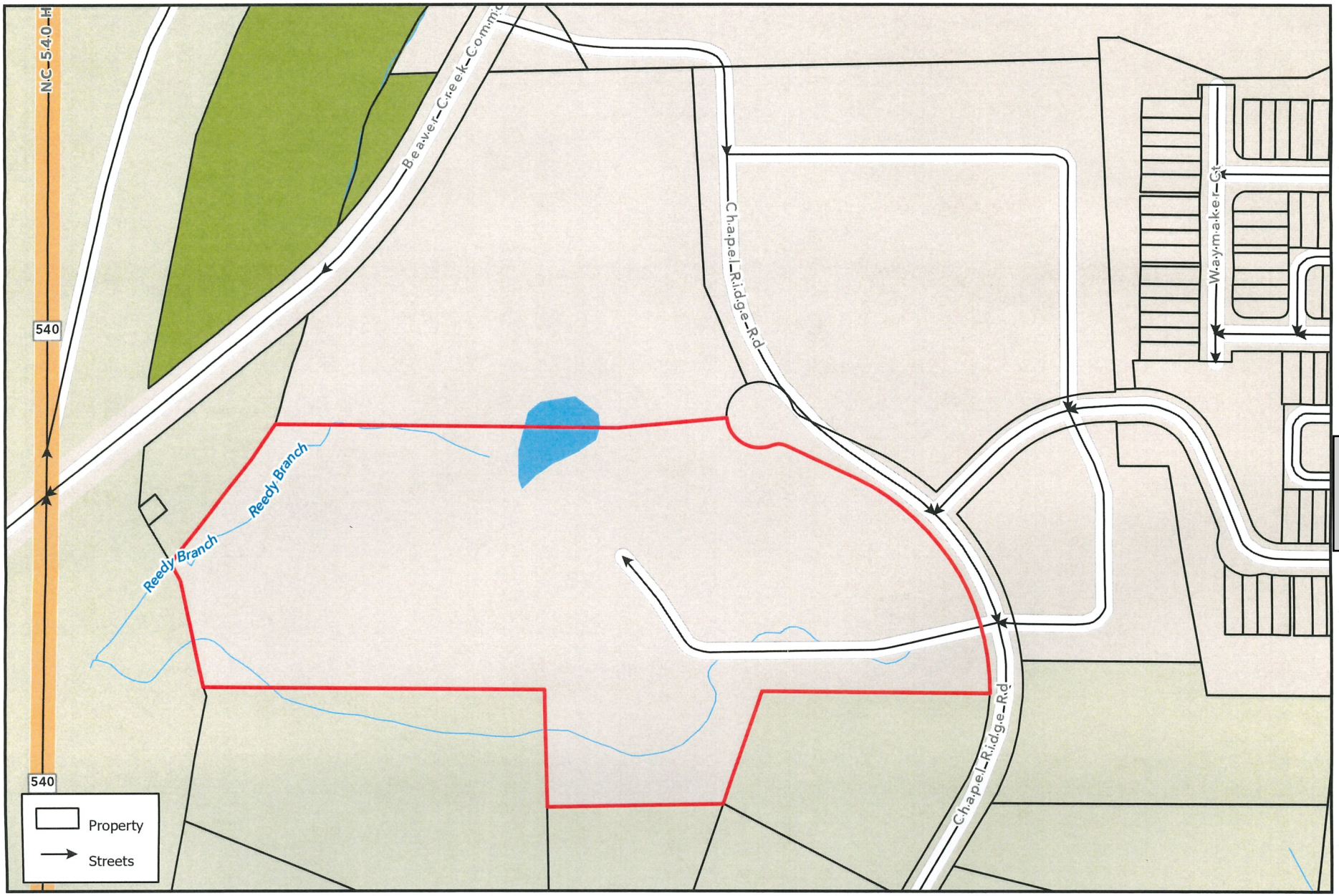
PLAN INFORMATION

PROJECT NO.	2021110513
FILENAME	2021110513-F2
CHECKED BY	JBT
DRAWN BY	KMM
SCALE	1"=40'
DATE	06.01.2026

SHEET

2-6

X:\Projects\TC\2021110513\02-Geomatics\Survey\Plats\2021110513-F2.dwg, 6/10/2026 10:25:49 AM, Katie Martin



Chapel Ridge Abandonment

N

0 100 200 400 ft

1 inch equals 200 feet

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*

McADAMS
2905 Meridian Parkway
Durham, NC 27713
919. 361. 5000

RECEIVED
JUN 2 9 2026
TOWN OF APEX
OFFICE OF THE TOWN CLERK

Letter of Transmittal

Date: June 24, 2026

REGULAR MAIL

To: Town of Apex
Attn: Allen Coleman
P.O. Box 250
Apex, North Carolina 27502

Re: Chapel Ridge Apex
ROW Abandonment Fee

Job #: TCR2021110513

- ☐ Drawings
- ☐ Specifications
- ☐ Plans
- ☒ Letter
- ☐ Submittal
- ☒ Check
- ☐ Statement of Qualifications
- ☐ Other

Quantity	Unit	Description
1	Check	ROW Abandonment Fee ($100)
1	Copy	ROW Abandonment Letter

Transmitted as checked below:

- ☐ For approval
- ☒ For your use
- ☒ As requested
- ☐ For review + comment
- ☐ Other
- ☐ Other

Remarks:

Copy to:
Received by
Signature:
Name:
Date:

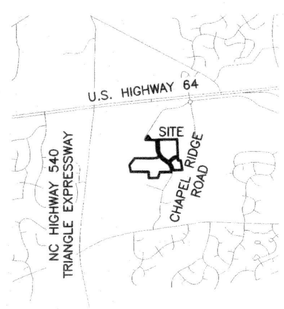
Signature:
Name: Derick Blankenship, PE
Title: Senior Project Manager
Date: June 24, 2026
Admin: Lauren Menendez, RDU

CHAPEL RIDGE ROAD
LEGAL DESCRIPTION – SECTION A

Beginning at an iron pipe on the southern right of way of Chapel Ridge Road, point also being the southeast property corner of Lot 4 as shown in Book of Maps 1987, Page 556, being the **Point of Beginning**, thence leaving said right of way North 84°43'51" East a distance of 47.49 feet to a point; thence North 52°09'55" East a distance of 23.21 feet to a point; thence with a curve to the left with a radius of 455.00 feet, with an arc length of 130.94 feet, with a chord bearing of South 45°52'53" East, with a chord length of 130.49 feet to a point; thence South 54°07'32" East a distance of 14.50 feet to a point on the southern right of way of Chapel Ridge Road; thence with said right of way North 64°35'43" West a distance of 90.26 feet to a point; thence with a curve to the left with a radius of 25.00 feet, with an arc length of 21.02 feet, with a chord bearing of North 88°38'21" West, with a chord length of 20.41 feet to a point; thence with a curve to the right with a radius of 50.00 feet, with an arc length of 53.79 feet, with a chord bearing of North 81°55'04" West, with a chord length of 51.23 feet to a point; thence with a curve to the right with a radius of 50.00 feet, with an arc length of 40.00 feet, with a chord bearing of North 28°10'58" West, with a chord length of 38.94 feet to the **Point of Beginning,** containing 4,907 square feet, or 0.11 acres.

LEGAL DESCRIPTION – SECTION B

Beginning at an iron pipe on the southern right of way of Chapel Ridge Road, point also being the southeast property corner of Lot 4 as shown in Book of Maps 1987, Page 556, being the **Point of Beginning**, thence with said right of way a curve to the right with a radius of 50.00 feet, with an arc length of 31.38 feet, with a chord bearing of North 12°42'56" East, with a chord length of 30.87 feet to a point; thence with a curve to the right with a radius of 50.00 feet, with an arc length of 31.38 feet, with a chord bearing of North 48°40'26" East, with a chord length of 30.87 feet to a point; thence with a curve to the right with a radius of 50.00 feet, with an arc length of 11.57 feet, with a chord bearing of North 73°17'02" East, with a chord length of 11.55 feet to a point; thence leaving said right of way with a curve to the left with a radius of 455.00 feet, with an arc length of 42.97 feet, with a chord bearing of South 34°55'54" East, with a chord length of 42.95 feet to a point; thence South 52°09'55" West a distance of 23.21 feet to a point; thence South 84°43'51" West a distance of 47.49 feet to the **Point of Beginning**, containing 2,279 square feet, or 0.05 acres.



VICINITY MAP
NOT TO SCALE

SURVEYOR'S CERTIFICATE

I, JAY B. TAYLOR, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK AND PAGE AS SHOWN); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN BOOK AND PAGE AS SHOWN; THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS 10,000+; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED.

I HEREBY CERTIFY THAT THIS PLAT IS OF THE FOLLOWING TYPE: G.S. 47-30 (F)(11)(A). THIS SURVEY CREATES SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND.

WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 16th DAY OF July, A.D., 2026.

JAY B. TAYLOR, PROFESSIONAL LAND SURVEYOR L-5472

NORTH CAROLINA PROFESSIONAL SEAL L-5472 LAND SURVEYOR JAY B. TAYLOR

GENERAL NOTES
1. THIS IS A RIGHT OF WAY AND EASEMENT PLAT.
2. BEARINGS FOR THIS SURVEY ARE BASED ON NC GRID NAD 83(2011).
3. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES.
4. ZONING: PUD-CZ, CASE# 22CZ07
5. AREA BY COORDINATE GEOMETRY.
6. FLOOD NOTE: THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD ZONE. IT IS LOCATED IN ZONE "X" AS DEFINED BY F.E.M.A F.I.R.M COMMUNITY PANEL #3720073200K DATED 7/19/2022.
7. REFERENCES: AS SHOWN
8. CONTACT THE PLANNING DEPARTMENT TO GET A COPY OF THE ZONING CONDITIONS
9. ANNEXATION #787.
10. SITE IS LOCATED IN PRIMARY WATERSHED PROTECTION OVERLAY DISTRICT.
11. SETBACKS FOR BUILDINGS LOCATED WITHIN ZONING PUD #22CZ07
12. NO PERSON SHALL PLACE ANY PART OF A STRUCTURE, ANY PERMANENT EQUIPMENT, OR IMPOUNDMENT UPON THE TOWN OF APEX PUBLIC EASEMENTS AND RIGHTS OF WAY WITHOUT THE PRIOR WRITTEN APPROVAL BY THE APPROPRIATE TOWN OF APEX DEPARTMENT(S). PROHIBITED STRUCTURES AND SITE ELEMENTS INCLUDE, BUT ARE NOT LIMITED TO: BUILDINGS, AIR CONDITIONING UNITS, PRIVATE UTILITIES (WATER, SEWER, STORMWATER, ETC.), DECKING, SWIMMING POOLS, SIGNS, SIDEWALKS, RETAINING WALLS, PARKING LOTS, PAVEMENT, DRIVEWAYS, CURB AND GUTTER, LANDSCAPING, AND FENCES. WHERE SPECIFICALLY NOTED ON THE SITE/CIVIL CONSTRUCTION PLANS, TOWN SIGNED/APPROVED SITE/CIVIL CONSTRUCTION PLANS SHALL SERVE AS WRITTEN APPROVAL OF THE ENCROACHMENTS SUBJECT TO THE CONDITIONS IN POINTS 2 AND 3 BELOW.
13. WHERE TOWN OF APEX PUBLIC UTILITIES ARE INSTALLED WITHIN PUBLIC EASEMENTS CROSSING PRIVATE PROPERTY, THE TOWN OF APEX SHALL HAVE THE RIGHT TO ENTER UPON THE EASEMENT FOR PURPOSES OF OPERATING, INSPECTING, REPAIRING, REMOVING, AND/OR REPLACING THE PUBLIC INFRASTRUCTURE AND APPURTENANCES. WHERE PRIVATE STRUCTURES OR SITE ELEMENTS ARE ENCROACHING UPON TOWN OF APEX PUBLIC EASEMENTS OR RIGHTS OF WAY, THE TOWN OF APEX SHALL NOT BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF SUCH PRIVATE STRUCTURES OR SITE ELEMENTS THAT MUST BE REMOVED TO FACILITATE OPERATION, REPAIRS, ADDITIONS, AND/OR REMOVAL OF PUBLIC INFRASTRUCTURE AND APPURTENANCES. THE TOWN OF APEX SHALL EXCAVATE AS NECESSARY TO MAKE THE REPAIR OR REMOVAL AND SHALL BACKFILL THE DISTURBED AREA TO APPROXIMATELY THE ORIGINAL GRADE. REPLACEMENT OF PRIVATELY-OWNED STRUCTURES OR SITE ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER AND/OR PROPERTY OWNER'S ASSOCIATION WITHOUT COST TO THE TOWN OF APEX.
14. THE ENCROACHMENT UPON TOWN OF APEX PUBLIC EASEMENTS OR RIGHTS-OF-WAY SHALL NOT BE ENLARGED OR INCREASED BEYOND THE ENCROACHMENT RECEIVING TOWN OF APEX APPROVAL ASSHOWN IN THE APPROVED SITE/CIVIL CONSTRUCTION DRAWINGS OR OTHER APPROVAL DOCUMENT ISSUED BY THE TOWN OF APEX. OWNER IS RESPONSIBLE FOR ANY AND ALL EXPENDITURES OF LABOR AND MATERIALS REQUIRED FOR THE INSTALLATION, ERECTION, REPAIR, REMOVAL, AND/OR MAINTENANCE OF THE ENCROACHMENTS. 4. THE TOWN OF APEX SHALL NOT BE REQUIRED TO GIVE NOTICE TO THE PROPERTY OWNER OR TENANT(S) OF ANY INSPECTION, REPAIR, REPLACEMENT, AND/OR REMOVAL OF ANY PRIVATE STRUCTURES, UTILITIES, OR SITE ELEMENTS.
15. ANY UNAPPROVED ENCROACHMENTS INTO TOWN OF APEX PUBLIC EASEMENTS MAY BE REMOVED BY THE TOWN OF APEX WITHOUT NOTICE TO PROPERTY OWNER(S) OR TENANT(S) AND WITHOUT COST, RISK, OR LIABILITY TO THE TOWN OF APEX.
16. ALL OFF-SITE EASEMENTS SHALL BE ACQUIRED BY THE DEVELOPER AND THESE OFF-SITE EASEMENTS SHALL BE RECORDED BY A DEED OF EASEMENT PRIOR TO UTILITY INFRASTRUCTURE CONSTRUCTION APPROVAL. THESE EASEMENTS SHALL BE DEDICATED TO THE TOWN OF APEX AND LABELED 'TOWN OF APEX PUBLIC UTILITY EASEMENT'.
17. NO PERSON SHALL PLANT TREES, SHRUBS, OR OTHER PLANTS WITHIN A TOWN OF APEX PUBLIC UTILITY EASEMENT WITHOUT PRIOR WRITTEN APPROVAL FROM THE WATER RESOURCES DEPARTMENT, PUBLIC WORKS DEPARTMENT, TRANSPORTATION & INFRASTRUCTURE DEVELOPMENT DEPARTMENT, OR ELECTRIC UTILITIES DEPARTMENT, AS APPROPRIATE.
18. ALL FUTURE DEVELOPMENT OR REDEVELOPMENT ACTIVITIES ON THIS PROPERTY SHALL BE CONSISTENT WITH THIS APPROVED PLAN. NO CHANGES TO THIS PLAN SHALL BE PERMITTED WITHOUT THE TOWN OF APEX'S PRIOR WRITTEN APPROVAL
19. CHAPEL RIDGE NORTH APARTMENT ADDRESSES: LOT 1: 1000 GRANVILLE DEPOT ROAD, LOT 2: 2000 DEEP CREEK ROAD, PIN 0732347912: 3000 CHATHAM FALLS ROAD

CERTIFICATE OF OWNERSHIP AND DEDICATION

"I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREIN, AND ALL SHEETS RELATED HERETO, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE TOWN OF APEX, AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, CERTIFY THAT THIS PLAN COMPLIES WITH BUILDING SETBACK LINES ESTABLISHED BY THE TOWN OF APEX UNIFIED DEVELOPMENT ORDINANCE AND DEDICATED ALL STREETS, ALLEYS, WALKS, PARKS, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED AND WILL MAINTAIN THE SAME TO THE STANDARDS SET FORTH BY THE TOWN OD APEX UNIFIED DEVELOPMENT ORDINANCE UNTIL THE TOWN OR HOMEOWNERS ASSOCIATION TAKES OVER RESPONSIBILITY. FURTHERMORE, I HEREBY DEDICATE ALL ELECTRICAL SYSTEMS WHICH ARE LOCATED WITHIN THE MUNICIPAL ELECTRIC SERVICE AREA, SEWER AND WATER LINES TO THE TOWN OF APEX."

ACCEPTANCE

OWNER (SIGNATURE MUST BE NOTARIZED): John M. D, VICE PRESIDENT DATE: 7/16/2026

I, Kristal A. Errone A NOTARY PUBLIC OF THE COUNTY OF Wake, STATE OF North Carolina HEREBY CERTIFY THAT Tiffany M. Dix PERSONALLY APPEARED BEFORE ME THIS DAY AND UNDER OATH ACKNOWLEDGED THAT THE ABOVE FORM WAS EXECUTED BY HIM/HER. WITNESS MY HAND AND SEAL THIS 16th DAY OF July, 2026

SEAL OR STAMP Kristal A. Errone NOTARY

Kristal A. Errone NOTARY PUBLIC Wake County, NC My Comm. Exp. 06-30-2031

MY COMMISSION EXPIRES: 6/30/31

CERTIFICATE OF OWNERSHIP AND DEDICATION

JORDAN LUTHERAN CHURCH IS AWARE OF AND CONSENTS TO ITS PORTION OF CLOSED RIGHT-OF-WAY GOING TO HS CHAPEL RIDGE.

"I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREIN, AND ALL SHEETS RELATED HERETO, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE TOWN OF APEX, AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, CERTIFY THAT THIS PLAN COMPLIES WITH BUILDING SETBACK LINES ESTABLISHED BY THE TOWN OF APEX UNIFIED DEVELOPMENT ORDINANCE AND DEDICATED ALL STREETS, ALLEYS, WALKS, PARKS, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED AND WILL MAINTAIN THE SAME TO THE STANDARDS SET FORTH BY THE TOWN OD APEX UNIFIED DEVELOPMENT ORDINANCE UNTIL THE TOWN OR HOMEOWNERS ASSOCIATION TAKES OVER RESPONSIBILITY. FURTHERMORE, I HEREBY DEDICATE ALL ELECTRICAL SYSTEMS WHICH ARE LOCATED WITHIN THE MUNICIPAL ELECTRIC SERVICE AREA, SEWER AND WATER LINES TO THE TOWN OF APEX."

ACCEPTANCE

OWNER (SIGNATURE MUST BE NOTARIZED): Gail Lynn Dugue DATE: July 28, 2026

I, Lauren E. Menendez A NOTARY PUBLIC OF THE COUNTY OF Wake, STATE OF North Carolina HEREBY CERTIFY THAT Gail Lynn Dugue PERSONALLY APPEARED BEFORE ME THIS DAY AND UNDER OATH ACKNOWLEDGED THAT THE ABOVE FORM WAS EXECUTED BY HIM/HER. WITNESS MY HAND AND SEAL THIS 28 DAY OF July, 2026

SEAL OR STAMP Lauren E. Menendez NOTARY

LAUREN E. MENENDEZ COMMISSION EXPIRES NOTARY PUBLIC 09-16-2030 WAKE COUNTY, N.C.

MY COMMISSION EXPIRES: 09/16/2030

CERTIFICATE OF OWNERSHIP AND DEDICATION

"I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HEREIN, AND ALL SHEETS RELATED HERETO, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE TOWN OF APEX, AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT, CERTIFY THAT THIS PLAN COMPLIES WITH BUILDING SETBACK LINES ESTABLISHED BY THE TOWN OF APEX UNIFIED DEVELOPMENT ORDINANCE AND DEDICATED ALL STREETS, ALLEYS, WALKS, PARKS, AND OTHER SITES AND EASEMENTS TO PUBLIC OR PRIVATE USE AS NOTED AND WILL MAINTAIN THE SAME TO THE STANDARDS SET FORTH BY THE TOWN OD APEX UNIFIED DEVELOPMENT ORDINANCE UNTIL THE TOWN OR HOMEOWNERS ASSOCIATION TAKES OVER RESPONSIBILITY. FURTHERMORE, I HEREBY DEDICATE ALL ELECTRICAL SYSTEMS WHICH ARE LOCATED WITHIN THE MUNICIPAL ELECTRIC SERVICE AREA, SEWER AND WATER LINES TO THE TOWN OF APEX."

ACCEPTANCE CTO21 Apex LLC by:

OWNER (SIGNATURE MUST BE NOTARIZED): _____ DATE: 8/3/26

I, Holly Greene A NOTARY PUBLIC OF THE COUNTY OF Volusia, STATE OF Florida HEREBY CERTIFY THAT Steven R. Greathouse PERSONALLY APPEARED BEFORE ME THIS DAY AND UNDER OATH ACKNOWLEDGED THAT THE ABOVE FORM WAS EXECUTED BY HIM/HER. WITNESS MY HAND AND SEAL THIS 3RD DAY OF August, 2026

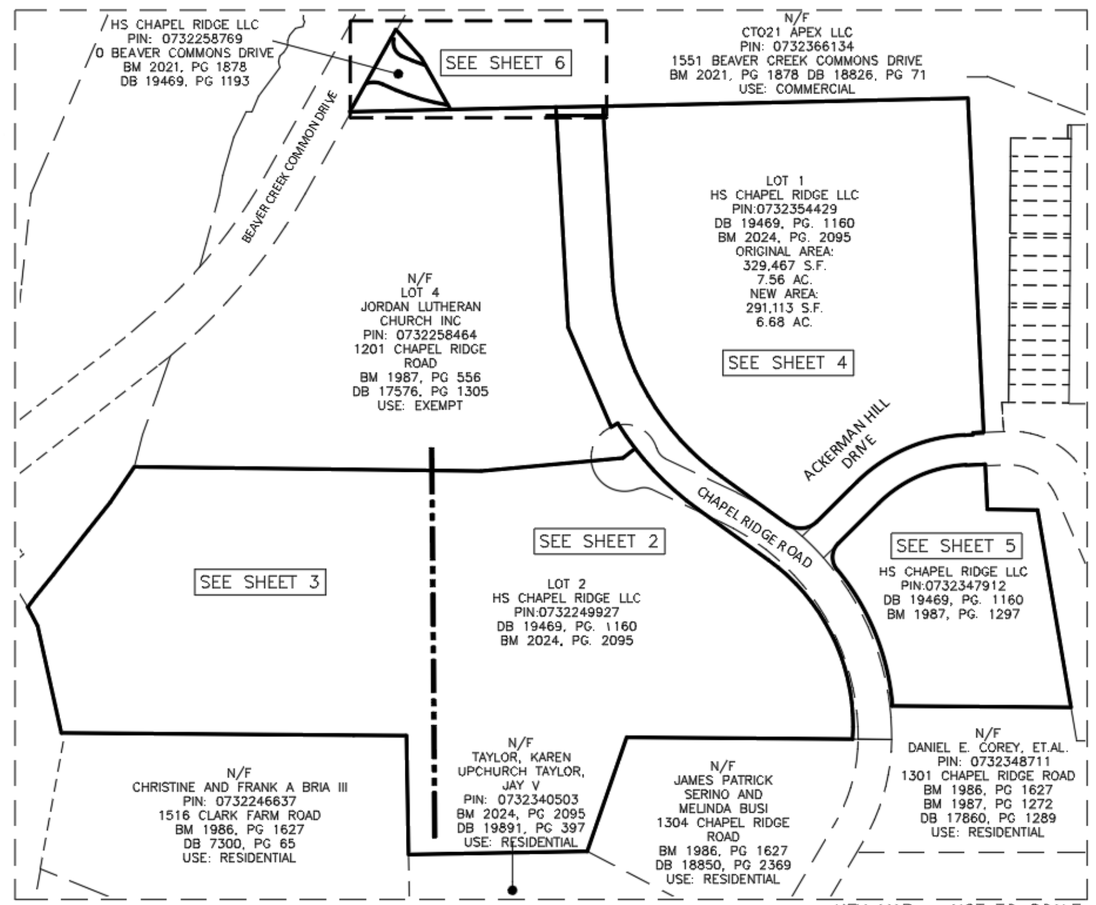
SEAL OR STAMP HOLLY GREENE Commission # HH 508366 Expires June 18, 2028 Holly Greene NOTARY

MY COMMISSION EXPIRES:

I, _____, REVIEW OFFICER OF WAKE COUNTY, CERTIFY THAT THIS PLAT MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

REVIEW OFFICER _____ DATE _____

APPROVAL EXPIRES IF NOT RECORDED ON OR BEFORE _____.



KEY MAP - NOT TO SCALE

"I HEREBY CERTIFY THAT ALL STREETS, UTILITIES AND OTHER REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO TOWN SPECIFICATION AND STANDARDS OR THAT GUARANTEES OF THE INSTALLATION OF THE REQUIRED IMPROVEMENTS IN AN AMOUNT AND MANNER SATISFACTORY TO THE TOWN OF APEX HAS BEEN RECEIVED.

_____ DATE _____ SUBDIVISION ADMINISTRATOR

_____ DATE _____ WATER RESOURCES DIRECTOR

"THE OPERATION AND MAINTENANCE AGREEMENT FOR ALL STRUCTURAL SCM'S HAS BEEN RECORDED IN THE WAKE COUNTY REGISTER OF DEEDS BOOK _____ PAGE _____. ALL FUTURE DEVELOPMENT OR REDEVELOPMENT ACTIVITIES ON THIS PROPERTY SHALL BE CONSISTENT WITH THIS APPROVAL PLAN. NO CHANGES TO THIS PLAN SHALL BE PERMITTED WITHOUT THE TOWN OF APEX'S PRIOR WRITTEN APPROVAL."

ACCEPTANCE

OWNER: John M. D, VICE PRESIDENT DATE: 7/16/2026

MCADAMS

The John R. McAdams Company, Inc.
One Glenwood Avenue
Suite 201
Raleigh, NC 27603

phone 919. 823. 4300
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

OWNER

HS CHAPEL RIDGE LLC
555 FAYETTEVILLE ST STE 300
RALEIGH NC 27601-3066

CHAPEL RIDGE NORTH

RIGHT OF WAY, RECOMBINATION, AND EASEMENT PLAT

1200, 1204, 1205, 1209, 1213, 1220 CHAPEL RIDGE ROAD & 1512 CLARK FARM ROAD

WHITE OAK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

REVISIONS

NO. DATE

PLAN INFORMATION

PROJECT NO.	2021110513
FILENAME	2021110513-F2
CHECKED BY	JBT
DRAWN BY	KMM
SCALE	NTS
DATE	06.01.2026

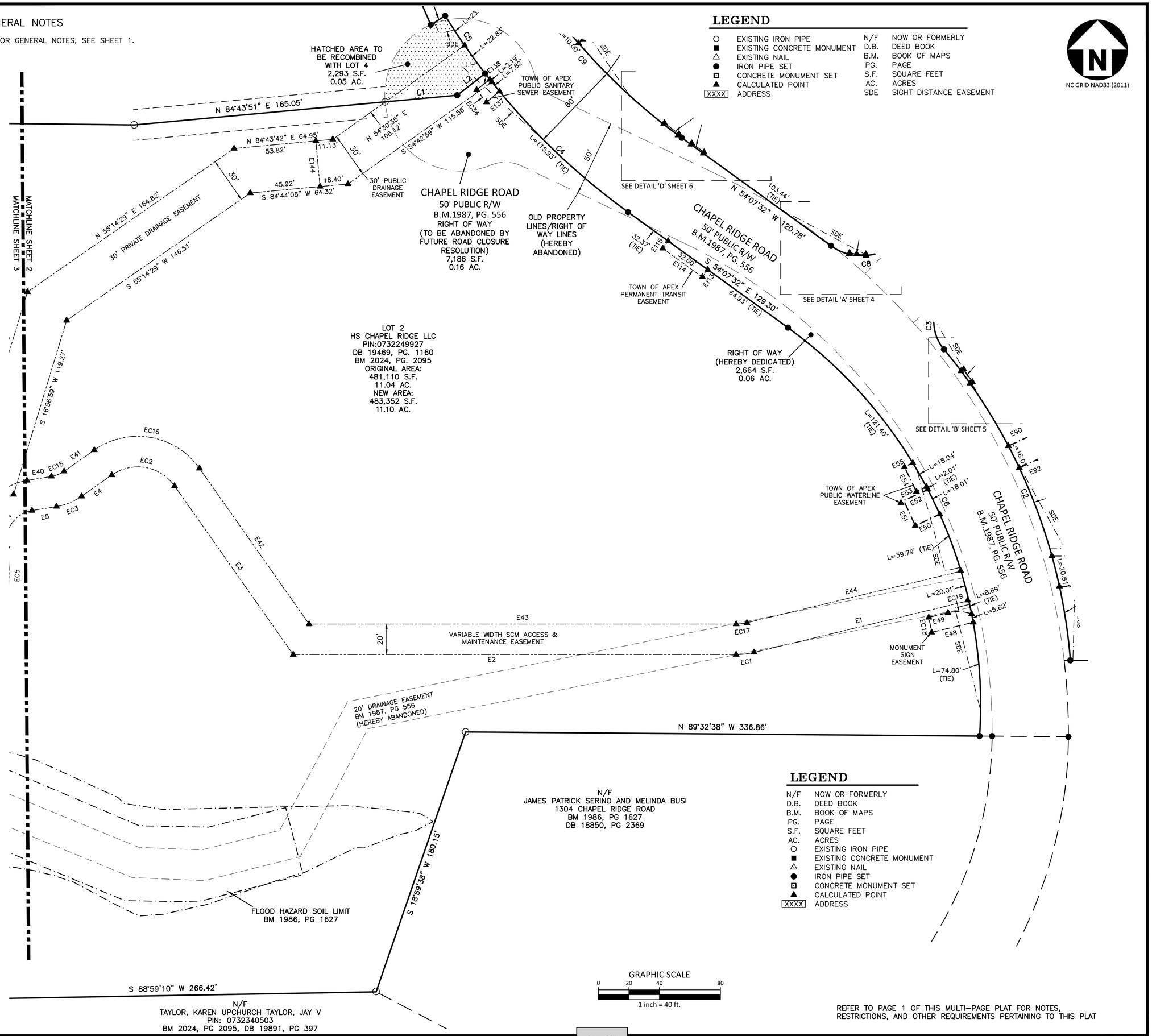
SHEET

1-6

X:\Projects\TCR\2021110513\02-Geomatics\Survey\Plats\2021110513-F2.dwg, 7/14/2026 1:23:34 PM, Katie Martin

GENERAL NOTES

1. FOR GENERAL NOTES, SEE SHEET 1.



LEGEND

○	EXISTING IRON PIPE	N/F	NOW OR FORMERLY
■	EXISTING CONCRETE MONUMENT	D.B.	DEED BOOK
△	EXISTING NAIL	B.M.	BOOK OF MAPS
●	IRON PIPE SET	PG.	PAGE
⊡	CONCRETE MONUMENT SET	S.F.	SQUARE FEET
▲	CALCULATED POINT	AC.	ACRES
XXXX	ADDRESS	SDE	SIGHT DISTANCE EASEMENT

LEGEND

N/F	NOW OR FORMERLY
D.B.	DEED BOOK
B.M.	BOOK OF MAPS
PG.	PAGE
S.F.	SQUARE FEET
AC.	ACRES
○	EXISTING IRON PIPE
■	EXISTING CONCRETE MONUMENT
△	EXISTING NAIL
●	IRON PIPE SET
⊡	CONCRETE MONUMENT SET
▲	CALCULATED POINT
XXXX	ADDRESS

REFER TO PAGE 1 OF THIS MULTI-PAGE PLAT FOR NOTES, RESTRICTIONS, AND OTHER REQUIREMENTS PERTAINING TO THIS PLAT

MCADAMS

The John R. McAdams Company, Inc.
One Glenwood Avenue
Suite 201
Raleigh, NC 27603

phone 919. 823. 4300
fax 919. 361. 2269
license number: C-0293, C-187

www.mcadamsco.com

OWNER

HS CHAPEL RIDGE LLC
555 FAYETTEVILLE ST STE 300
RALEIGH NC 27601-3066

CHAPEL RIDGE NORTH

RIGHT OF WAY, RECOMBINATION, AND EASEMENT PLAT

1200, 1204, 1205, 1209, 1213, 1220 CHAPEL RIDGE ROAD & 1512 CLARK FARM ROAD

WHITE OAK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL L-5472 LAND SURVEYOR JAY B. TAYLOR 07/16/26

REVISIONS

NO.	DATE

PLAN INFORMATION

PROJECT NO.	2021110513
FILENAME	2021110513-F2
CHECKED BY	JBT
DRAWN BY	KMM
SCALE	1"=40'
DATE	06.01.2026

SHEET

2-6

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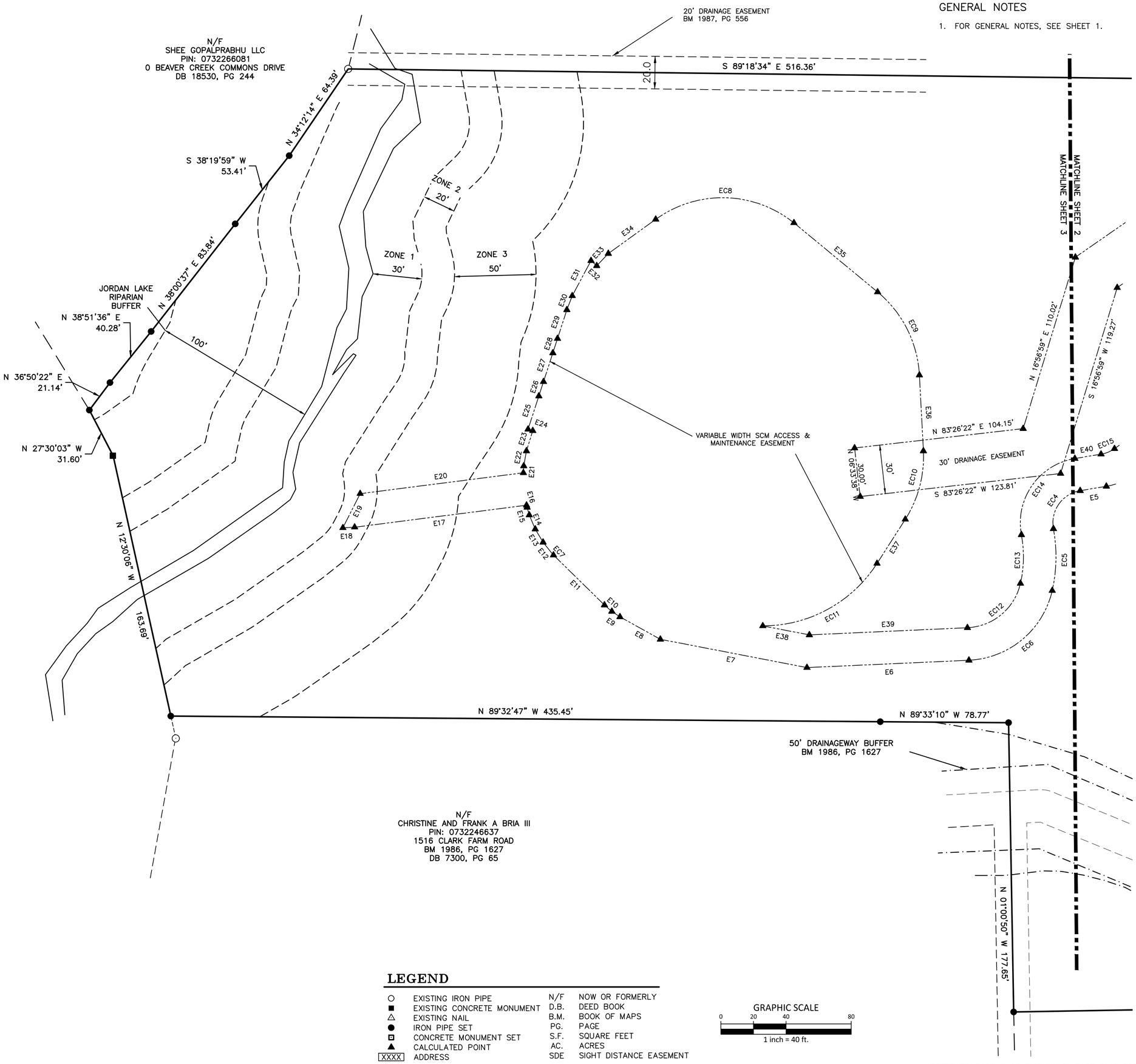
GENERAL NOTES

1. FOR GENERAL NOTES, SEE SHEET 1.

NC GRID NAD83 (2011)



LEGEND

○	EXISTING IRON PIPE	N/F	NOW OR FORMERLY
■	EXISTING CONCRETE MONUMENT	D.B.	DEED BOOK
△	EXISTING NAIL	B.M.	BOOK OF MAPS
●	IRON PIPE SET	PG.	PAGE
⊡	CONCRETE MONUMENT SET	S.F.	SQUARE FEET
▲	CALCULATED POINT	AC.	ACRES
XXXX	ADDRESS	SDE	SIGHT DISTANCE EASEMENT

GRAPHIC SCALE

0 20 40 80

1 inch = 40 ft.

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07/16/26

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3-6

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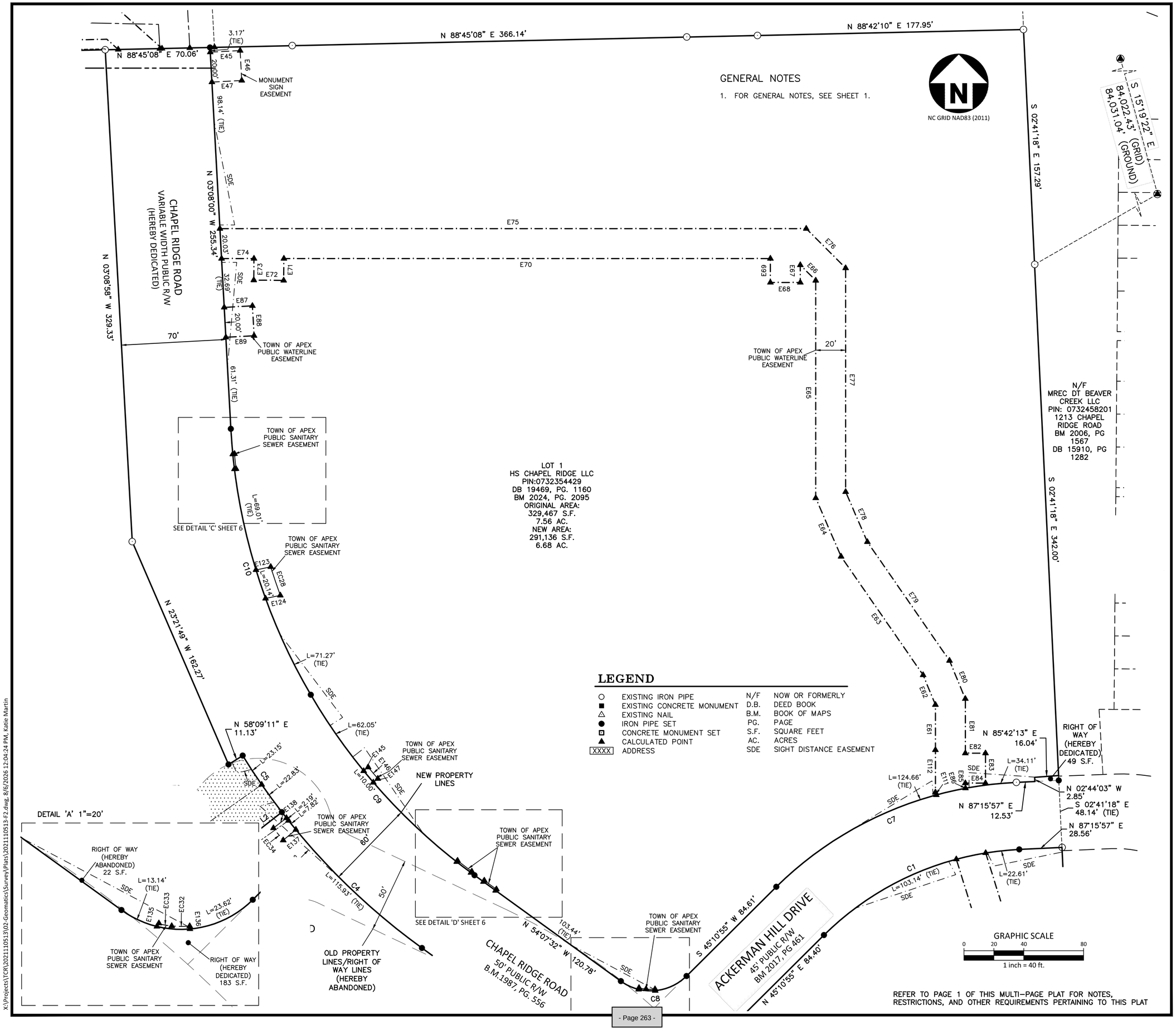

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NORTH CAROLINA PROFESSIONAL SEAL L-5472 LAND SURVEYOR JOHN B. TAYLOR
07/16/26

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4-6

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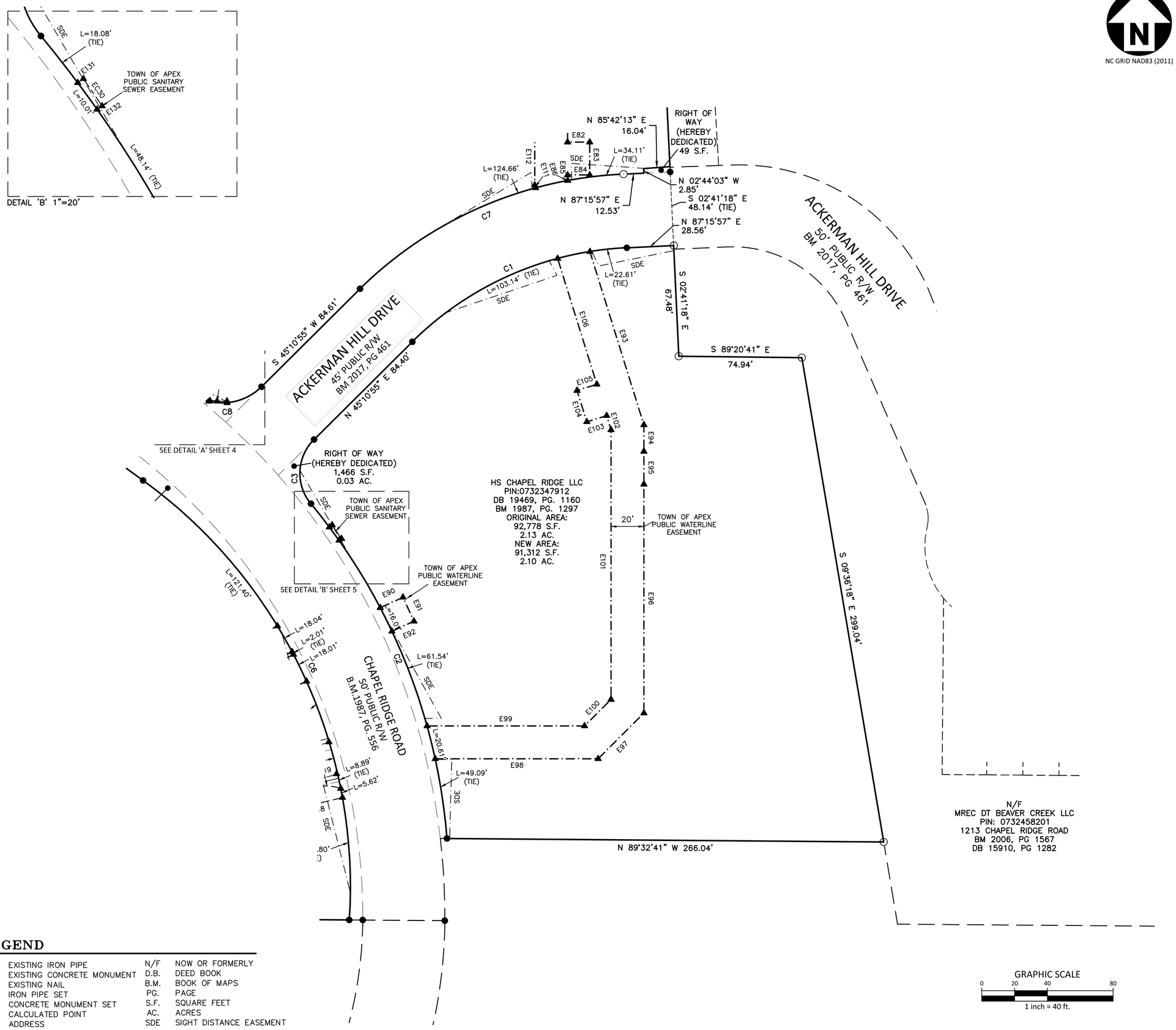

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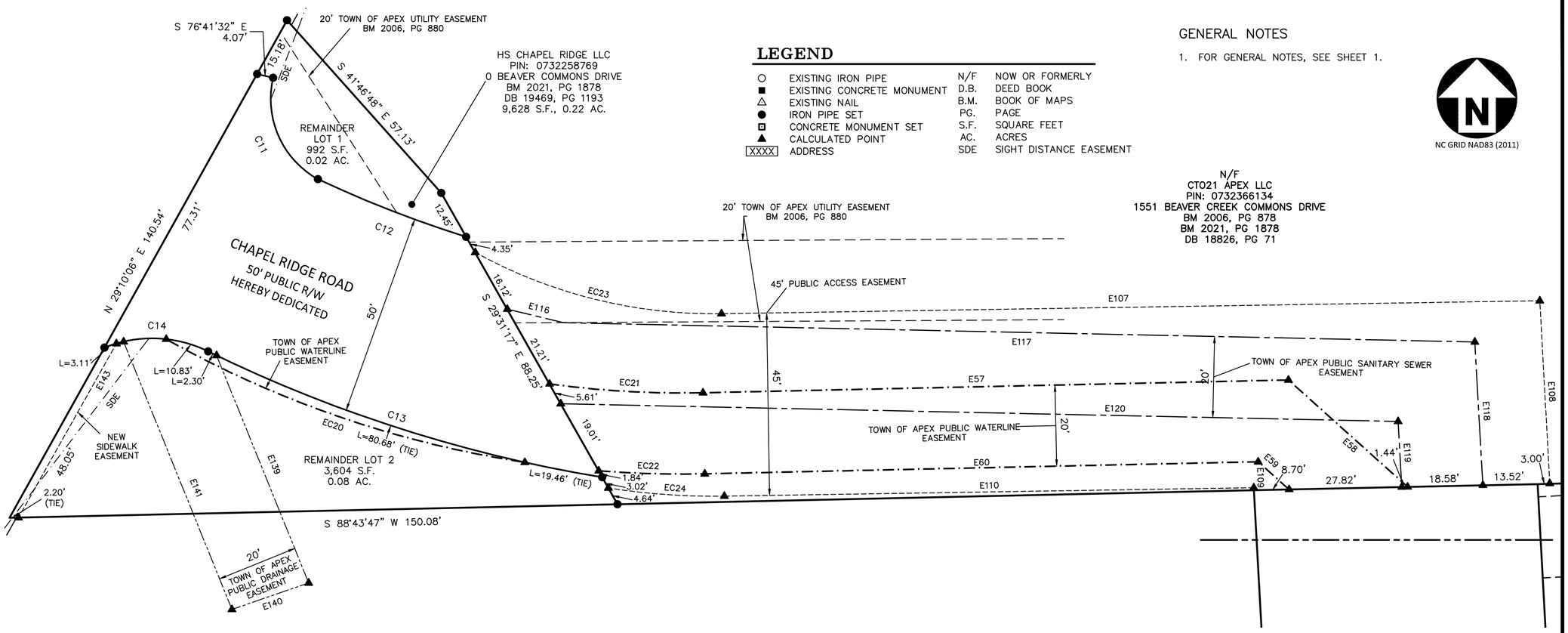

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NC GRID NAD83 (2011)

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▲	CALCULATED POINT	AC.	ACRES
XXXX	ADDRESS	SDE	SIGHT DISTANCE EASEMENT

CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	199.04'	145.84'	N 66°19'50" E	142.60'
C2	365.00'	223.48'	N 22°07'18" W	220.01'
C3	29.00'	42.94'	N 02°45'36" E	39.13'
C4	455.00'	130.94'	N 45°52'53" W	130.49'
C5	455.00'	45.98'	N 34°44'31" W	45.96'
C6	305.00'	308.57'	S 25°08'33" E	295.58'
C7	244.04'	178.84'	S 66°29'09" W	174.86'
C8	34.00'	47.88'	S 85°31'42" W	44.02'
C9	395.00'	164.10'	N 42°13'27" W	162.92'
C10	395.00'	187.45'	N 16°43'41" W	185.69'
C11	22.66'	29.36'	S 23°48'51" E	27.35'
C12	301.50'	39.28'	S 68°45'24" E	39.25'
C13	351.50'	102.44'	N 72°17'43" W	102.08'
C14	31.50'	26.39'	N 87°56'34" W	25.62'

ESMT. CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
EC1	50.00'	11.83'	S 83°13'18" W	11.80'
EC2	29.50'	46.34'	N 80°08'17" W	41.72'
EC3	40.00'	17.98'	S 67°44'26" W	17.83'
EC4	20.00'	31.83'	S 35°01'30" W	28.58'
EC5	93.79'	38.25'	S 01°06'46" W	37.98'
EC6	55.00'	71.62'	S 50°05'59" W	66.67'
EC7	1.78'	0.74'	N 42°48'32" W	0.74'
EC8	69.90'	91.19'	S 88°32'51" E	84.86'
EC9	71.00'	58.76'	S 26°42'01" E	57.10'
EC10	71.00'	44.16'	S 14°49'47" W	43.45'
EC11	83.25'	83.33'	S 61°19'28" W	79.90'
EC12	35.00'	45.58'	N 50°05'59" E	42.42'
EC13	73.79'	30.09'	N 01°06'46" E	29.88'
EC14	40.00'	63.66'	N 35°01'30" E	57.15'
EC15	20.00'	8.99'	N 67°44'26" E	8.92'
EC16	49.50'	77.75'	S 80°08'17" E	70.00'
EC17	30.00'	7.10'	N 83°13'18" E	7.08'
EC18	277.00'	10.01'	N 10°54'27" W	10.01'
EC19	27.50'	15.74'	S 87°09'19" E	15.53'
EC20	260.00'	94.07'	N 71°03'54" W	93.56'
EC21	240.00'	38.01'	S 86°42'39 E	37.97
EC22	260.00'	26.23'	N 88°21'27" W	26.22'
EC23	122.00'	63.44'	S 76°00'35" E	62.73'
EC24	167.00'	28.76'	N 85°58'21" W	28.72'
EC25	33.00'	11.95'	N 55°31'02" E	11.88'
EC28	385.00'	20.14'	S 18°41'54" E	20.14'
EC27	394.00'	11.96'	S 52°49'19" E	11.96'
EC28	167.91'	20.20'	S 19°40'35" E	20.19'
EC29	219.00'	4.87'	S 06°46'32" E	4.87'
EC30	391.18'	10.06'	S 34°23'08" E	10.06'
EC32	33.00'	4.78'	S 80°19'36" E	4.78'
EC33	33.00'	6.02'	S 89°42'18" E	6.01'
EC34	281.00'	10.42'	N 38°53'49" W	10.42'

LINE TABLE		
LINE	BEARING	DISTANCE
E1	S 76°26'36" W	144.79'
E2	N 90°00'00" W	290.29'
E3	N 35°08'17" W	135.16'
E4	S 54°51'43" W	24.18'
E5	S 80°37'09" W	16.31'
E6	S 87°24'17" W	99.51'
E7	N 79°03'57" W	91.64'
E8	N 60°57'08" W	28.37'
E9	N 55°56'03" W	6.00'
E10	N 49°03'31" W	6.00'
E11	N 45°37'15" W	43.83'
E12	N 38°36'02" W	9.39'
E13	N 30°47'48" W	9.39'
E14	N 22°59'34" W	9.39'
E15	N 15°36'26" W	4.94'
E16	N 15°36'26" W	1.30'
E17	S 82°42'41" W	106.37'
E18	S 86°50'51" W	7.21'
E19	N 26°45'08" E	23.51'
E20	N 82°42'41" E	101.00'
E21	N 03°20'42" E	4.20'
E22	N 10°10'24" E	9.39'
E23	N 17°19'52" E	13.00'
E24	N 72°38'19" W	3.03'
E25	N 18°00'31" E	21.43'
E26	N 17°58'38" E	9.28'
E27	N 17°58'38" E	18.56'
E28	N 17°58'38" E	9.28'
E29	N 17°58'38" E	18.56'
E30	N 21°00'45" E	9.21'
E31	N 28°07'16" E	24.45'
E32	S 48°07'19" E	4.69'
E33	N 43°26'31" E	10.36'
E34	N 54°11'55" E	35.88'
E35	S 50°24'39" E	66.66'
E36	S 02°59'22" E	46.64'
E37	S 32°38'56" W	32.14'
E38	S 79°03'57" E	29.09'
E39	N 87°24'17" E	97.13'
E40	N 80°37'09" E	16.31'
E41	N 54°51'43" E	24.18'
E42	S 35°08'17" E	124.78'
E43	N 90°00'00" E	279.91'
E44	N 76°26'36" E	144.36
E45	N 86°52'00" E	20.00'
E46	S 03°08'00" E	20.00'
E47	S 86°52'00" W	20.00'
E48	S 76°26'36" W	28.05'
E49	N 76°26'36" E	12.97'
E50	S 65°19'45" W	17.72'

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 84°43'51" E	47.49'
L2	N 52°09'55" E	23.22'

LINE TABLE		
LINE	BEARING	DISTANCE
E51	N 24°40'15" W	18.00'
E52	N 65°19'45" E	17.34'
E53	S 64°02'56" W	7.25'
E54	N 25°57'04" W	18.00'
E55	N 64°02'56" E	6.09'
E56	N 60°32'29" W	4.71'
E57	N 88°45'08" E	144.53'
E58	S 48°08'00" E	39.51'
E59	N 48°08'00" W	10.24'
E60	S 88°45'08" W	136.63'
E61	N 00°00'11" W	30.23'
E62	N 22°30'12" W	21.52'
E63	N 34°41'02" W	96.37'
E64	N 23°26'02" W	42.58'
E65	N 00°00'12" W	145.47'
E66	N 45°00'06" W	14.59'
E67	S 00°00'00" E	11.69'
E68	N 90°00'00" W	20.00'
E69	N 00°00'00" W	16.02'
E70	N 90°00'00" W	325.28'
E71	S 00°36'38" W	14.61'
E72	N 89°23'22" W	20.00'
E73	N 00°36'38" E	14.39'
E74	N 90°00'00" W	21.69'
E75	N 90°00'00" E	392.02'
E76	S 45°00'06" E	37.28'
E77	S 00°00'12" E	149.60'
E78	S 23°26'02" E	36.46'
E79	S 34°41'02" E	96.54'
E80	S 22°30'12" E	27.63'
E81	S 00°00'12" E	36.40'
E82	N 89°59'43" E	13.50'
E83	S 00°00'22" E	20.00'
E84	S 89°59'43" W	13.50'
E85	S 00°00'12" E	3.07'
E86	S 17°19'14" E	0.35'
E87	N 86°52'00" E	18.89'
E88	S 03°08'00" E	20.00'
E89	S 86°52'00" W	18.89'
E90	N 65°19'45" E	15.23'
E91	S 24°40'15" E	16.00'
E92	S 65°19'45" W	14.73'
E93	S 17°19'14" E	110.47'
E94	S 00°00'00" E	16.13'
E95	S 00°00'00" E	20.00'
E96	S 00°00'00" E	139.32'
E97	S 45°00'00" W	39.40'
E98	N 90°00'00" W	99.26'
E99	N 90°00'00" E	95.93'
E100	N 45°00'00" E	22.83'

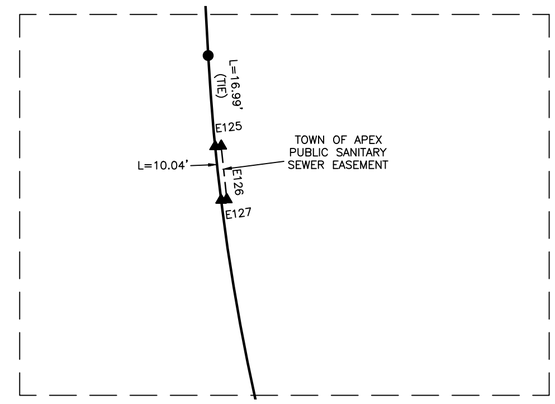
LINE TABLE		
LINE	BEARING	DISTANCE
E101	N 00°00'00" W	164.12'
E102	N 17°19'14" W	9.06'
E103	S 72°40'46" W	12.64'
E104	N 17°19'14" W	20.00'
E105	N 72°40'46" E	12.64'
E106	N 17°19'14" W	80.20'
E107	N 89°05'38" E	201.99'
E108	S 03°08'00" E	45.22'
E109	N 00°54'22" W	0.62'
E110	S 89°05'20" W	130.69'
E111	N 17°19'14" W	1.85'
E112	S 00°00'14" E	28.30'
E113	S 35°52'28" W	6.00'
E114	N 54°07'32" W	32.00'
E115	N 35°52'28" E	6.00'
E116	S 76°30'13" E	14.35'
E117	S 88°47'23" E	224.95'
E118	S 03°13'13" E	35.40'
E119	N 03°13'13" W	16.20'
E120	N 88°47'23" W	206.75'
E121	N 38°02'51" E	1.00'
E122	S 36°18'31" W	1.00'
E123	N 78°06'23" E	10.04'
E124	S 78°06'23" W	10.10'
E125	N 84°17'55" E	1.12'
E126	S 06°00'37" E	10.02'
E127	S 83°01'33" W	1.07'
E128	N 35°53'05" W	1.00'
E129	S 54°07'32" E	10.00'
E130	S 35°53'05" W	1.00'
E131	N 54°52'40" E	2.11'
E132	S 56°21'03" W	1.82'
E135	N 13°49'32" E	1.00'
E136	S 04°55'51" E	0.98'
E137	S 50°02'27" W	11.00'
E138	N 52°09'55" E	11.00'
E139	S 22°02'51" E	60.51'
E140	S 70°54'50" W	20.03'
E141	N 22°02'48" W	71.25'

E143	N 29°22'34" E	49.26'
E144	S 05°15'52" E	30.00'
E145	N 49°57'05" E	3.88'
E146	S 40°02'55" E	10.00'
E147	S 49°57'05" W	3.88'

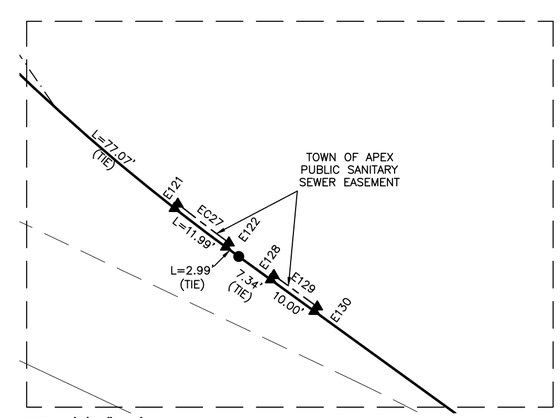
GRAPHIC SCALE

0 10 20 40

1 inch = 20 ft.



DETAIL 'C' 1"=20'



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NORTH CAROLINA PROFESSIONAL SEAL L-5472 LAND SURVEYOR JAY B. TAYLOR

07/16/26

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RESOLUTION NO. 2026-070
PUBLIC NOTICE
A RESOLUTION OF INTENT OF THE TOWN COUNCIL TO CONSIDER THE CLOSING OF A PORTION OF CHAPEL RIDGE ROAD RELATED TO CHAPEL RIDGE NORTH DEVELOPMENT

WHEREAS, G.S. 160A-299 authorizes the Town Council to close public streets and alleys; and

WHEREAS, the Town Council considers it advisable to conduct a public hearing for the purpose of giving consideration to the closing of a portion of Chapel Ridge Road.

NOW, THEREFORE, BE IT RESOLVED by the Town Council that:

(1) A Public Hearing will held be at 6:00 p.m. on the 13th day of October, 2026, in the Town of Apex Town Council Chambers at the Apex Town Hall to consider an order closing of that portion of Chapel Ridge Road related to the Chapel Ridge North Development Project.
(2) The Town Clerk is hereby directed to publish this Resolution of Intent once a week for four successive weeks in a newspaper of general circulation in the area.
(3) The Town Clerk is further directed to transmit by registered or certified mail to each owner of property abutting upon that portion of said street a copy of this Resolution of Intent.
(4) The Town Clerk is further directed to transmit by registered or certified mail to the Department of Transportation a copy of this Resolution of Intent.
(5) The Town Clerk is further directed to cause adequate notices of this Resolution of Intent and the scheduled public hearing to be posted as required by G.S. 160A-299.

This the 25th day of August, 2026.

Introduced by Councilmember Arno Zegerman, Seconded by Councilmember Edward Gray, and passed unanimously with the following members voting in the affirmative: Mayor Pro-Tempore Terry Mahaffey, Councilmember Edward Gray, Councilmember Arno Zegerman, Councilmember Shane Reese, Councilmember Sue Mu. Mayor Jacques K. Gilbert presided over the meeting.

Residents may submit written comments in advance of the public hearing to the Town Council with attention marked to the Town Clerk Allen Coleman; P.O. Box 250; Apex, NC 27502 or by email at townclerk@apexnc.org. Please use subject line "Road Closure – Portion of Chapel Ridge Road" and include your first and last name, your address, and your phone number in your written statements. Written comments will be accepted until 3:00 PM on Tuesday, October 13, 2026.

Members of the public can access and view the meeting on the Town's YouTube Channel https://www.youtube.com/c/TownofApexGov or attend in-person.

Anyone needing special accommodations to attend this meeting and/or if this information is needed in an alternative format, please contact the Town Clerk's Office. The Town Clerk is located at 73 Hunter Street in Apex Town Hall on the 2nd Floor, (email) allen.coleman@apexnc.org or (phone) 919-249-1260. We request at least 48 hours' notice prior to the meeting to make the appropriate arrangements.

A copy of the resolution is on file in the Office of the Town Clerk's Office and is available for public inspection Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m. The Office of the Town Clerk is located on the 2nd Floor of the Apex Town Hall, 73 Hunter Street, Apex, North Carolina.

Allen L. Coleman, CMC
Apex Town Council
Town of Apex, North Carolina

Town of Apex North Carolina
P.O. Box 250
Apex, NC 27502
(919) 249-3426
www.apexnc.org

07/23/2026

Derick Blankenship
621 Hillsborough Street
Suite 500
Raleigh, NC 27603

RE: Chapel Ridge North Dr pre-ROW Abandonment
Review No. 1

Please see the comments below from the Technical Review Committee regarding your pre-abandonment submittal. Staff makes every effort to provide review of the pre-abandonment submittal given the limited design information being provided at this stage. However, it is the sole responsibility of the owner/developer and any of their agents or contract professionals to ensure that all projects adhere to current ordinances and federal, state, and local requirements.

Open Issues: 4

Planner Comments

2026.06.29 - ROW Abandonment Submission - Chapel Ridge Apex.pdf [4 redlines] (Page 0)

1. Access Agreement

Town of Apex North Carolina June Cowles 7/22/26 8:28 AM Right of Way Closure Request - 1	As an FYI: For the plat that is currently under review for Chapel Ridge North Apartments, the bulb in the Construction Plan shows a driveway connection to the church property. The Chapel Ridge North Apartments and the Church will need to have an Access Agreement for that area. I have informed the surveyor that they will need to show the access agreement area on the plat.

2. Adjacent parcel information

Town of Apex North Carolina June Cowles 7/23/26 8:47 AM Right of Way Closure Request - 1	Please include adjacent parcel information (owner, PIN, use, Zoning)

Planning (Planner)

2026.06.29 - ROW Abandonment Submission - Chapel Ridge Apex.pdf [4 redlines] (Page 2)

3. Cloud+ B

Town of Apex North Carolina Bruce Venable 7/21/26 11:22 AM Right of Way Closure Request - 1	Wasn't all of this abandoned per resolution 2024-050?

Will Brown, Planning

General Issues

4. Owner Information

Town of Apex North Carolina Will Brown 7/21/26 8:51 AM Right of Way Closure Request - 1	Language was added to the Chapel Ridge Right-of-Way plat for the Jordan Lutheran Church ownership certificate to clarify that Jordan Lutheran Church is aware of and consents to its portion of closed right-of-way going to HS Chapel Ridge. Similar language needs to be included in the Town's closure resolution. The recorded right-of-way plat may be referenced as needed. Based North Carolina General Statute 160A-299, a statement needs to be included that clearly states that Jordan Lutheran Church consents to the right-of-way abandonment going to HS Chapel Ridge. *Upon the closing of a street or alley in accordance with this section, subject to the provisions of subsection (f) of this section, all right, title, and interest in the right-of-way shall be conclusively presumed to be vested in those persons owning lots or parcels of land adjacent to the street or alley, and the title of such adjoining landowners, for the width of the abutting land owned by them, shall extend to the centerline of the street or alley.* *The provisions of this subsection regarding division of right- of-way in street or alley closings may be altered as to a particular street or alley closing by the assent of all property owners taking title to a closed street or alley by the filing of a plat which shows the street or alley closing and the portion of the closed street or alley to be taken by each such owner. The plat shall be signed by each property owner who, under this section, has an ownership right in the closed street or alley.*

POSSIBLE ADOPTION OF A POLICY ON CLOSING PUBLIC RIGHTS OF WAY FOR STREETS, ROADS, AND ALLEYS

Background

From time to time, the Town received requests from citizens to close public rights of way. Common examples include alleys that are no longer needed or streets that have been realigned with the old rights of way superfluous to the new alignment. In general, the Town has supported the closing of such rights of way as the land generally reverts back to the adjoining and/or underlying property owners for their use. Usually, the property owners add value to their existing property.

Staff is proposing a policy that will confirm the appropriate steps by the Town and keep the Town from underwriting the costs for the process. (Example costs are public advertisement, surveys and recording.)

POLICY

1. Persons desiring to close a public right of way shall submit a letter (petition) to the Town Clerk describing the location of proposed closing, a list of adjacent property owners, a location map, and a non-refundable fee established in the Town's adopted fee schedule. The Assistant Town Manager shall review the petition and distribute to appropriate staff for review.

2. The petition and supporting documents shall be reviewed by the Town Attorney and staff in the Public Works and Utilities Department, Planning Department, and Construction Management and Engineering Departments. Staff will review the infrastructure and make a recommendation on continuing the process or denial. The Assistant Town Manager shall inform the petitioner of the recommendation and the reasons for a denial recommendation if appropriate.

   If the petitioner wishes to continue, the petitioner shall provide a survey of the proposed abandonment and other supporting documentation requested by staff. If any Town utility easement rights are required to be retained by the Town, the petitioner shall provide sufficient documentation to ensure survival of the utility easement rights. In addition, a refundable fee based on the approximate cost of completing the process shall be paid to the Town by the petitioner.

3. Once the fee is paid and documentation is supplied, the Town Attorney will prepare a resolution of intent to close the right of way. The Town Clerk shall incorporate the proposed resolution into the next available Town Council Agenda with the staff recommendation and set the public hearing date. The petitioner shall present their request to the Town Council.

4. Upon an approval of the resolution of intent by the Town Council, the Town Clerk shall provide notice of the resolution and public hearing as required by North Carolina General Statue 160A-299. The Planning Department will post required signs for the proposed abandonment.

5. If the Town Council denies the resolution of intent, no notice shall be published, the refundable fee shall be returned and the issue shall not be considered again for 180 days.

6. At the public hearing, the Town Council will consider the recommendation of the staff (which can change from original recommendation), the petitioner and the public and determine whether the closing is contrary to the public interest and any individual owning property in the vicinity of the street or alley would be deprived of reasonable means of ingress and egress to his property.

7. Upon affirmative vote, the Town Clerk shall record the necessary documents.

8. Upon a denial vote, the petition is closed and a new petition and fees shall be required for reconsideration. 180 days must pass prior to acceptance of a new petition.

MCADAMS

2905 Meridian Parkway
Durham, NC 27713
919. 361. 5000

RECEIVED
JUN 2 9 2026
TOWN OF APEX
OFFICE OF THE TOWN CLERK

Letter of Transmittal

Date: June 24, 2026

REGULAR MAIL

To: Town of Apex
Attn: Allen Coleman
P.O. Box 250
Apex, North Carolina 27502

Re: Chapel Ridge Apex
ROW Abandonment Fee

Job #: TCR2021110513

- ☐ Drawings
- ☐ Specifications
- ☐ Plans
- ☒ Letter
- ☐ Submittal
- ☒ Check
- ☐ Statement of Qualifications
- ☐ Other

Quantity	Unit	Description
1	Check	ROW Abandonment Fee ($100)
1	Copy	ROW Abandonment Letter

Transmitted as checked below:

- ☐ For approval
- ☒ For your use
- ☒ As requested
- ☐ For review + comment
- ☐ Other
- ☐ Other

Remarks:

THE JOHN R. MCADAMS COMPANY, INC.

Check Date: 6/23/2026

Invoice Number	Date	Voucher	Amount	D
2021110513 062326	6/23/2026	0077191	100.00	
Town of Apex, NC		TOTAL	100.00	
PNC Payables	13	3645		

APEX
NORTH CAROLINA

TOWN OF APEX
DATE 06-29-2026 TIME 10:41:35
RECEIPT NUMBER 15066
MCADAMD

ACCT #	AMOUNT
-000 1 Miscellaneous POS	100.00

CHK #233235 100.00
AMOUNT APPLIED 100.00
CHANGE .00
REMAINING BAL .00

RECEIVED BY APXMELISSA

ROW ABANDOMENT

INVOICE

Billed To: Derick Blankenship, P.E., Senior Project Manager
McAdams
80 Charlotte Street – Suite 40
Asheville, NC 28801

Invoice No: ChapRidgROW2026

Amount Owed: $600.00

Remittance: Office of the Town Clerk
Attn: Allen Coleman
Post Office Box 250
Apex, NC 27502

Description

On June 29, 2026, Mr. Blankenship submitted a Right-of-Way Recombination and Abandonment-Closure request for a project entitled "Chapel Ridge North". The abandonment-closure request is described in "**Exhibit A**".

Pursuant to the Town's policy on "Closing Public Rights of Way For Streets, Roads, and Alleys", payment is required prior to a Resolution of Intent being considered by the Town Council.

In accordance with the Fiscal Year 2026-27 Adopted Fee Schedule, the Right-of-Way Closure Application Fee is $100 and the Right-of-Way Closure Processing Fee is $600.00. The processing fee ($600) is due prior to Council considering the closure request.

The application fee was paid on June 29, 2026, Receipt No. 15066 (**Exhibit B**).

Exhibit A

MCADAMS

80 Charlotte Street
Suite 40
Asheville, NC 28801
919. 361. 5000

2021110513

RECEIVED
JUN 29 2026
TOWN OF APEX
OFFICE OF THE TOWN CLERK

June 22, 2026

Mr. Allen Coleman, Town Clerk
Town of Apex
73 Hunter Street
Apex, North Carolina 27502

RE: Chapel Ridge North – Right of Way Recombination & Abandonment Letter

2021110513

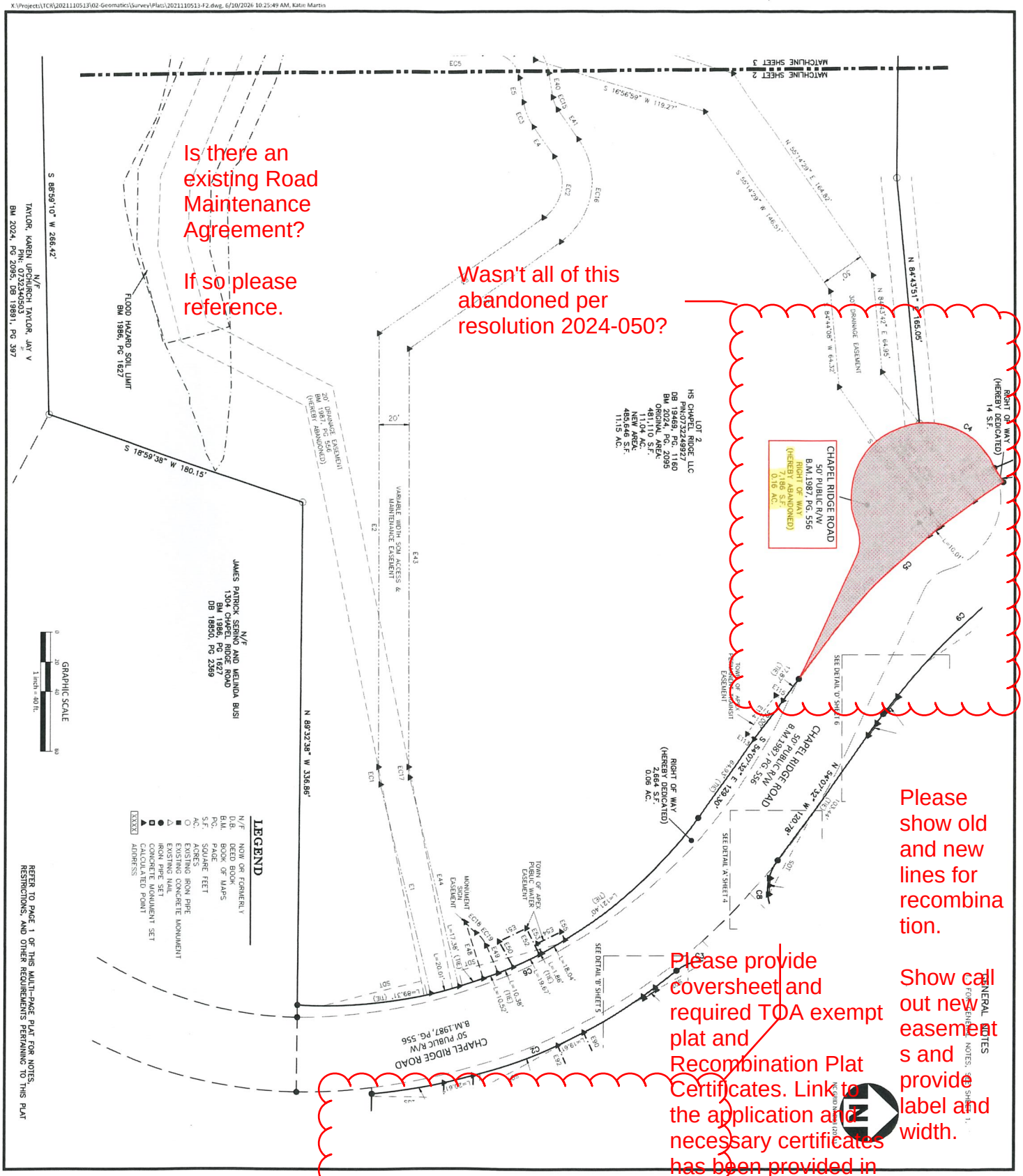
Dear Mr. Coleman,

McAdams on behalf of HS Chapel Ridge, LLC is requesting the closure/abandonment of 0.16 acres of dedicated public right of way of Chapel Ridge Road. The portion of right of way being referenced is adjacent to PINs 0732-24-9927 & 0732-25-8464. This right of way is most recently recorded in Wake County Book of Maps 2024 pg. 02095 and Wake County Book of Maps 1987 pg. 00556. This portion of right of way needs to be abandoned to allow for the re-alignment of Chapel Ridge Road and development of the adjacent parcels associated with the Chapel Ridge North development. A draft plat map of this right of way removal is attached for reference. Please call or email me if you have questions.

Sincerely,
McAdams

Derick Blankenship, PE | Senior Project Manager
blankenship@mcadamsco.com | 919. 361. 5000

X:\Projects\TCR\2021110513\02-Geomatics\Survey\Plats\2021110513-F2.dwg, 6/10/2026 10:25:49 AM, Katie Martin



Is there an existing Road Maintenance Agreement?

If so please reference.

Wasn't all of this abandoned per resolution 2024-050?

Please show old and new lines for recombination.

Please provide coversheet and required TOA exempt plat and Recombination Plat Certificates. Link to the application and necessary certificates has been provided in Geocivix.

Show call out new easements and provide label and width.

CHAPEL RIDGE NORTH

RIGHT OF WAY, RECOMBINATION, AND EASEMENT PLAT

1200, 1204, 1205, 1209, 1213, 1220 CHAPEL RIDGE R[illegible]RK FARM ROAD

WHITE OAK [illegible]NTY, NORTH CAROLINA

PRELIMINARY — NORTH CAROLINA PROFESSIONAL SEAL — JAY V. TAYLOR

REVISIONS

NO. DATE

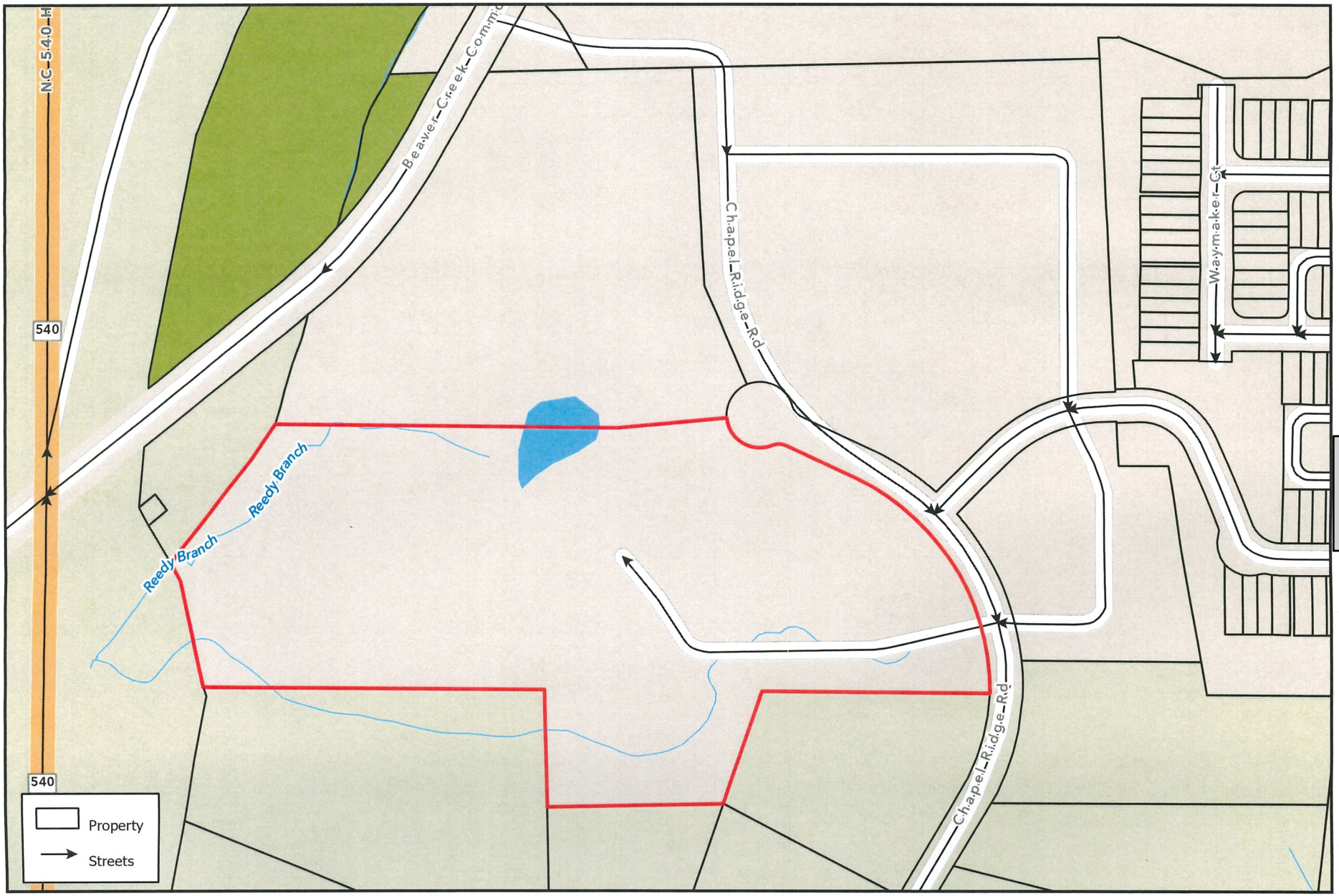
PLAN INFORMATION

PROJECT NO.	2021110513
FILENAME	2021110513-F2
CHECKED BY	JBT
DRAWN BY	KMM
SCALE	1"=40'
DATE	06.01.2026
SHEET	2-6

OWNER

HS CHAPEL RIDGE LLC
555 FAYETTEVILLE ST STE 300
RALEIGH NC 27601-3066

McADAMS
The John R. McAdams Company, Inc.
One Glenwood Avenue
Suite 201
Raleigh, NC 27603
phone 919. 823. 4300
fax 919. 361. 2269
license number: C-0293, C-187
www.mcadamsco.com



Chapel Ridge Abandonment

N

0 100 200 400 ft

1 inch equals 200 feet

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*

McADAMS

2905 Meridian Parkway
Durham, NC 27713
919. 361. 5000

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REGULAR MAIL

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Re: Chapel Ridge Apex
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Job #: TCR2021110513

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- ☐ Specifications
- ☐ Plans
- ☒ Letter
- ☐ Submittal
- ☒ Check
- ☐ Statement of Qualifications
- ☐ Other

Quantity	Unit	Description
1	Check	ROW Abandonment Fee ($100)
1	Copy	ROW Abandonment Letter

Transmitted as checked below:

- ☐ For approval
- ☒ For your use
- ☒ As requested
- ☐ For review + comment
- ☐ Other
- ☐ Other

Remarks:

Copy to:

Received by
Signature:
Name:
Date:

Signature:
Name: Derick Blankenship, PE
Title: Senior Project Manager
Date: June 24, 2026
Admin: Lauren Menendez, RDU

Exhibit B

MCADAMS

2905 Meridian Parkway
Durham, NC 27713
919. 361. 5000

RECEIVED
JUN 2 9 2026
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OFFICE OF THE TOWN CLERK

Letter of Transmittal

Date: June 24, 2026

REGULAR MAIL

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Attn: Allen Coleman
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Town of Apex, NC		TOTAL	100.00	
PNC Payables	13	3645		

APEX
NORTH CAROLINA

TOWN OF APEX
DATE 06-29-2026 TIME 10:41:35
RECEIPT NUMBER 15066
MCADAMD

ACCT #	AMOUNT
-000 1 Miscellaneous POS	100.00

CHK #233235 100.00
AMOUNT APPLIED 100.00
CHANGE .00
REMAINING BAL .00

RECEIVED BY APXMELISSA

ROW ABANDOMENT

Schedule The Publication Dates For Your Ad

Based on your selections, your print publications are listed below. To select your schedule, click on the available dates (light gray background). The YELLOW dates are the selected run dates. To deselect a date, click on the date again.

The News&Observer (Raleigh) Schedule

?	September, 2026					
<						>
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			
Select date						

REMOVE PUBLICATION

Notes

Enter special notes about your legal here...
Note that legal placement requests will be honored based on availability.

Current Legal Selection

Your selections will be displayed in this information window

Total Legal Cost $4,628.93

Lines: 112

Dimensions:

3.22inches x 5.51inches

Schedule Detail:

Sep 6, 202...	$1,043.84
Sep 13, 20...	$1,043.84
Sep 20, 20...	$1,043.84
Sep 27, 20...	$1,043.84

Publication: The News&Observer (Raleigh)

Category: Legals

Classification: Legals & Public Notices

Package: RAL - Legal Ads

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Terms and Conditions

Chapel Ridge North

Project Summary

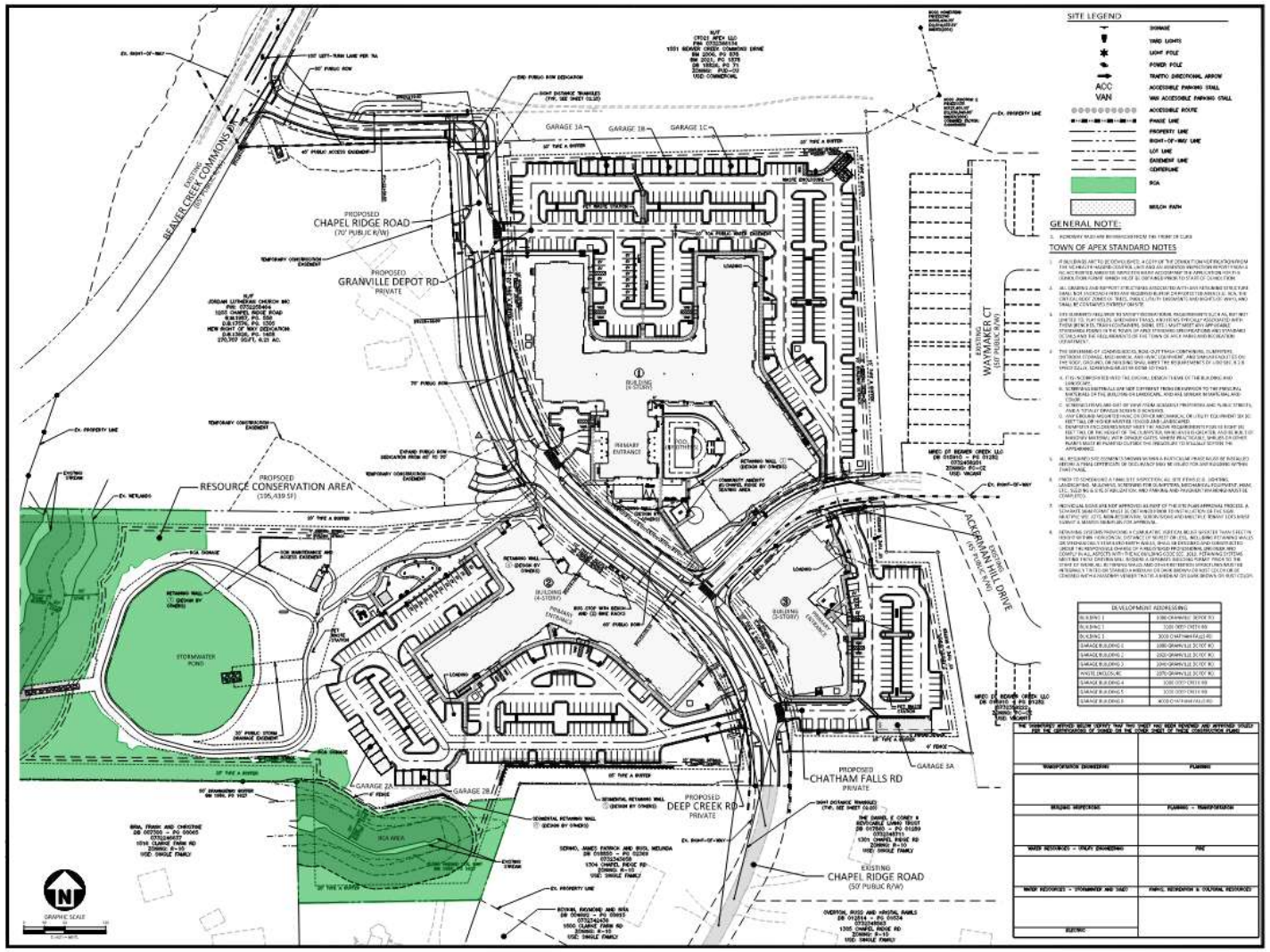
- Zoning: PUD-CZ (Case #22CZ07)
- Town of Apex Project Number: 945421
- Original Plan Approval: November 2024
- Use: High Density Residential – Apartments
  - (429,000 Gross Building SF)

- 3 new buildings providing 370 multi-family units
- 513 new parking spaces for residents

- Estimated construction completion Q1 of 2027

- Re-alignment of Chapel Ridge Road with sidewalks and multi-use path.

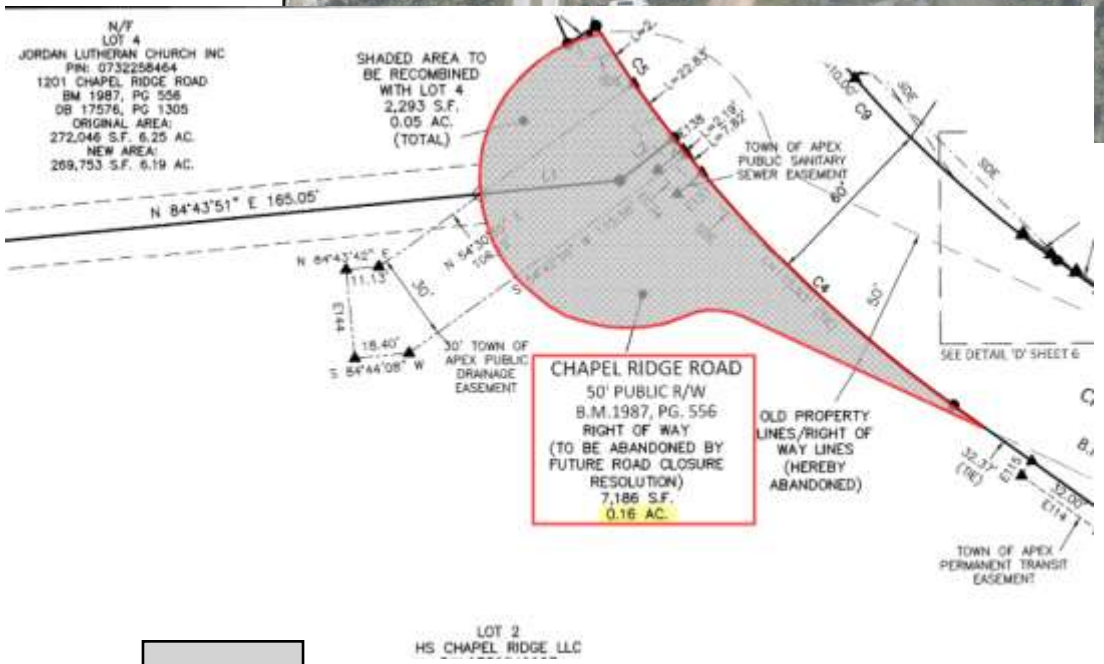
- Connection of Chapel Ridge Road to Beaver Creek Commons Drive.



Chapel Ridge North

Chapel Ridge Road Right of Way Closure

- Existing 0.16 acres of NCDOT SR-1197 Chapel Ridge Road Right of Way has been formally abandoned by NCDOT.
- Existing Right of Way was divided and distributed to appropriate ownership, Jordan Lutheran Church and HS Chapel Ridge LLC.
- New Chapel Ridge Road Right of Way has been created through plat recordation.
- New Chapel Ridge Road Right of Way to be accepted by the Town of Apex as part of the Chapel Ridge North project completion.



Thank you

McADAMS

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): June Cowles, Senior Planner

Department(s): Planning

Requested Motion

Public hearing and possible motion concerning Rezoning Application No. 25CZ24 N. Salem Street Mixed-Use PUD. The applicants, Merit Group, LLC and Matthew Carpenter, Parker Poe, seek to rezone approximately ±32.35 acres from Residential Agricultural (RA), Rural Residential (RR), & Planned Commercial-Conditional Zoning (PC-CZ #15CZ02) to Planned Unit Development-Conditional Zoning (PUD-CZ). The proposed rezoning is located at 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St. & 0 Charlion Downs Ln.

Approval Recommended?

The Planning Department recommends approval.

The Planning Board held a Public Hearing on September 14, 2026 and by a vote of 6 to 2 recommended approval of the rezoning with the condition that the applicant consider a wider buffer along the southern property and PUD plan transportation condition 9c be revised as "At Site Access #3 on N. Salem Street align with Thales outbound driveway, with an exclusive northbound left turn lane on N. Salem Street and a channelized concrete median between them to prohibit left turns from both sides of N. Salem Street."

Item Details

The properties to be rezoned are identified as PINs 0742367712, 0742368697, 0742365731, 0742366583, 0742369479, 0742369278, 0742350909, 0742362432, 0742366306, 0742268387, 0742360631, 0742363169, 0742358857, 0742353848, 0742362719, & 0742363799.

Attachments

- PH5-A1: Staff Report - Rezoning Case No. 25CZ24 - N. Salem Street Mixed-Use PUD
  - Vicinity Map
  - Application
- PH5-A2: Planning Board Report to Town Council - Report - Rezoning Case No. 25CZ24 - N. Salem Street Mixed-Use PUD

APEX 1873 NORTH CAROLINA

All property owners, tenants, and neighborhood associations within 500 feet of this rezoning have been notified per UDO Sec. 2.2.11 *Public Notification*.

BACKGROUND INFORMATION:	
Location:	0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St.; 0 Charlion Downs Ln.
Applicant:	Merit Group, LLC
Authorized Agents:	Matthew Carpenter, Parker Poe, LLP & Paul Munana, Merit Group, LLC
Owner:	Merit Group, LLC, Geraldine Gilbert Heirs, DLG Holdings LLC, June Thompson, and Elizabeth Burgess Chappell

PROJECT DESCRIPTION:	
Acreage:	±32.35 acres
PINs:	0742367712, 0742368697, 0742365731, 0742366583, 0742369479, 0742369278, 0742350909, 0742362432, 0742366306, 0742268387, 0742360631, 0742363169, 0742358857, 0742353848, 0742362719, & 0742363799
Current Zoning:	Residential Agricultural (RA), Rural Residential (RR), & Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Proposed Zoning:	Planned Unit Development-Conditional Zoning (PUD-CZ)
Current 2045 Land Use Map:	Mixed Use: High Density Residential/Office Employment/Commercial Services (±4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±27.38 acres)
If rezoned as proposed, the 2045 Land Use Map Designation will change to:	Mixed Use: High Density Residential/Office Employment/Commercial Services (±8.27 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±24.03 acres)
Town Limits:	Inside Corporate Limits and ETJ

ADJACENT ZONING & LAND USES:

	Zoning	Land Use
North:	Planned Commercial-Conditional Zoning (PC-CZ #15CZ02); Residential Agricultural (RA)	All Wheel Drive; Vehicle sales and rental light (Crossroad Ford Auto Dealership); Single-family Residential
South:	Medium Density Residential-Conditional Use (MD-CU #93CU11); Medium Density Residential (MD)	Single-family Residential (Haddon Place and Haddon Hall Subdivisions)
East:	Light Industrial (LI); Residential Agricultural (RA); Office & Institutional-Conditional Zoning (O&I-CZ #07CZ02)	N. Salem Street; Vehicle sales and rental light (Crossroad Ford Auto Dealership); Single-family Residential; Office; School, private (Thales Academy); Church (The Peak Church)
West:	Medium Density Residential-Conditional Use (MD-CU #93CU11)	Single-family Residential (Haddon Hall Subdivision)

EXISTING CONDITIONS:

The project site includes 16 parcels totaling +/-32.35 acres (See Figure 1: Existing Site Conditions). The project site includes the following:

- Several single-family homes, outbuildings, and barn structures
- 2 ponds
- Several streams
- Open fields
- Mature trees

Figure 1: Existing Site Conditions

BACKGROUND:

The following is a history of the future Land Use Map (LUM) designations for the subject properties:

Land Use Map Adopted Date	Project Site Land Use Designation
2010 Land Use Map December 5, 1989	Low Density Residential
2025 Land Use Map May 18, 2004	Mixed Use: Medium Density Residential/Office & Institutional/Commercial

Land Use Map Adopted Date	Project Site Land Use Designation
2030 Land Use Map August 6, 2013	Mixed Use Not Outlined (No requirement for mixed use): Northeast area: High Density Residential/Office Employment/Commercial Services (4.92 acres) Remaining Area: Medium Density Residential/Office Employment/Commercial Services (27.38 acres)
2030 Land Use Map June 7, 2016	Mixed Use Outlined (≥30% Nonresidential) symbol was added to the map and legend (Requirement for mixed use)

2045 LAND USE MAP:

The 2045 Land Use Map (LUM) designation for the subject properties includes two areas of Mixed Use (See Figure 2: Current 2045 Land Use Map).

Current LUM:

- Mixed Use: High Density Residential/Office Employment/Commercial Services (+/-4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (+/-27.38 acres)

Proposed LUM:

The proposed project includes expansion of the High Density Residential part of the designation to the south and realignment along the west. If the properties are rezoned as proposed, the 2045 LUM will automatically be amended as per NCGS 160D-605(a) to Mixed Use: High Density Residential/Office Employment/Commercial Services (+/-8.27 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (+/-24.03 acres). (See Figure 3: Proposed 2045 Land Use Map).

The proposed rezoning includes a +/-8.0-acre Mixed Use district, which is 25% of the area to be rezoned. The 20.31-acre Crossroads Ford property to the north is entirely commercial and is included in the mixed-use area south of US 64 as shown on the LUM. If the proposed rezoning and the Crossroads Ford property are considered together, then 53% of the area (28.31 acres) south of US 64 and west of N. Salem Street will be non-residential. Additional non-residential land uses are located on the east side of N. Salem Street.

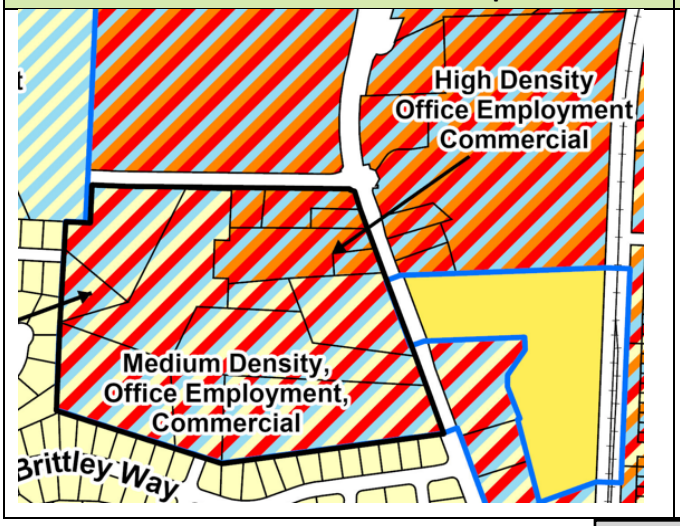
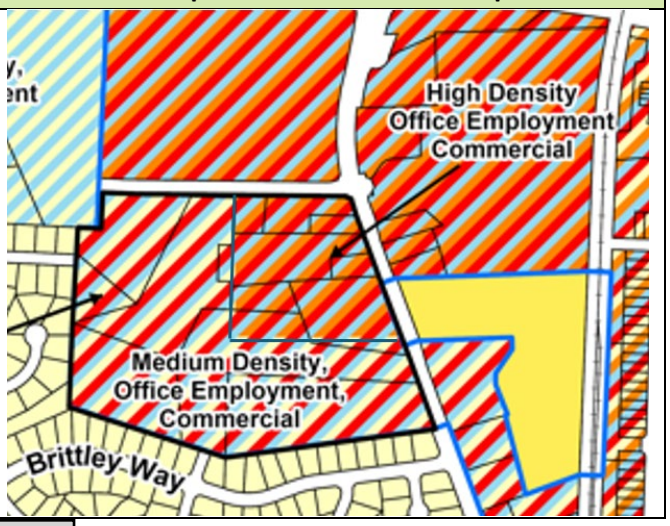
Current 2045 Land Use Map	Proposed 2045 Land Use Map
	

Figure 2: Current 2045 Land Use Map

Figure 3: Proposed 2045 Land Use Map

NEIGHBORHOOD MEETINGS:

The applicant conducted three neighborhood meetings on November 20, 2025, March 3, 2026 and July 23, 2026. The neighborhood meeting reports are attached to the staff report.

WCPSS COORDINATION:

A Letter of Impact from Wake County Public School System (WCPSS) was received for this rezoning and is included in the staff report packet. WCPSS indicates that all grade levels within the current assignment area for this rezoning/development are anticipated to have sufficient capacity for future students.

PROPOSED PLANNED UNIT DEVELOPMENT PLAN:

The applicant is proposing a Planned Unit Development with uses and development standards as follows:

The N. Salem Street Mixed-Use PUD Master Plan establishes 4 district locations (See Figure 4: Proposed PUD Master Plan).

- TH-1, TH-2, and TH-3 are Townhome Districts.
- MU-1 is a Mixed Use District (Non-residential and Multi-family uses).

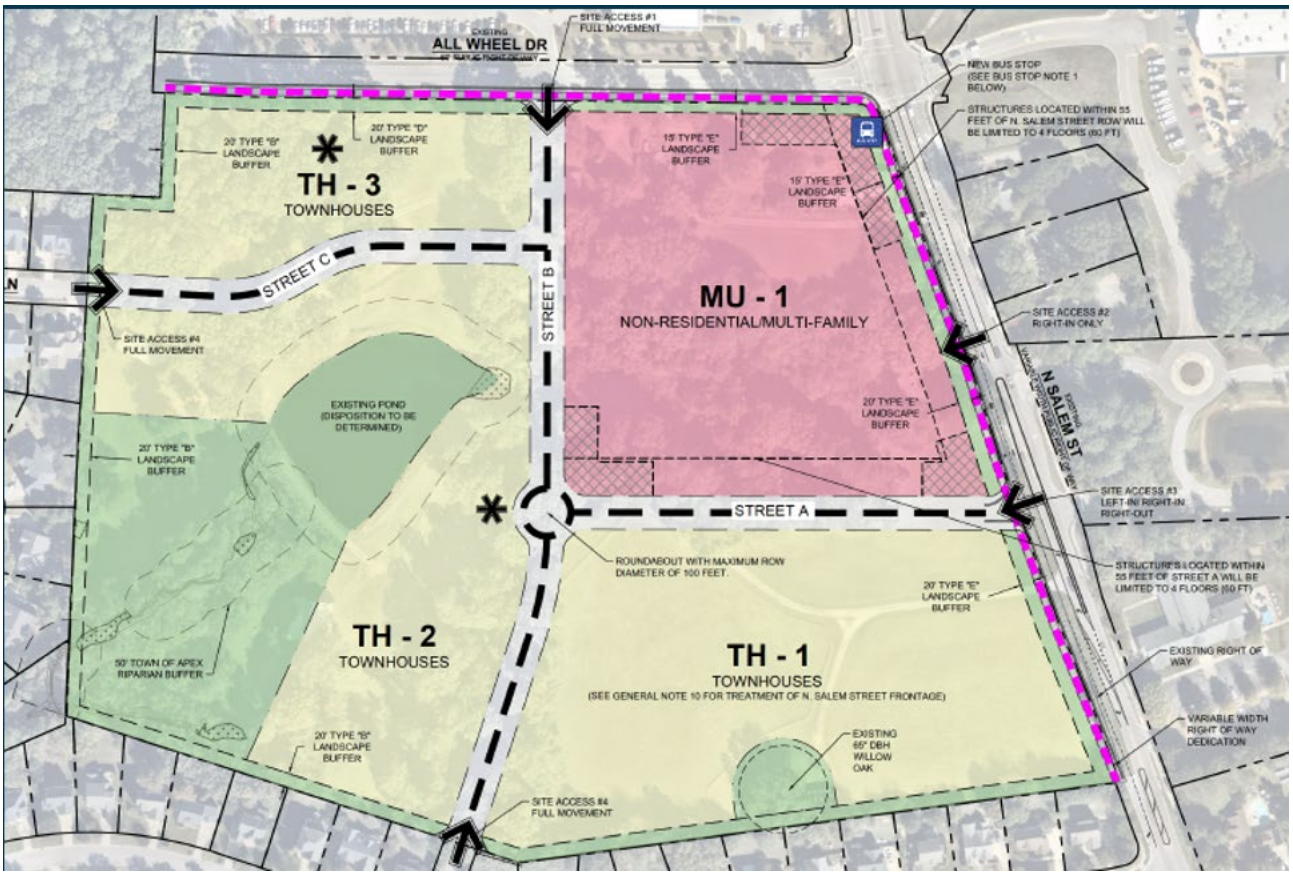


Figure 4: Proposed PUD Master Plan

The existing High Density Residential/Office Employment/Commercial Services 2045 Land Use Map classification (+/-4.92 acres) is shown below as a red-lined boundary on the proposed PUD plan. (See Figure 5: Existing Land Use Boundary (High Density Residential/Office Employment/Commercial Services on Proposed PUD Plan). If the rezoning is approved as proposed, the High Density Residential component of the classification will increase to +/-8.27 acres.

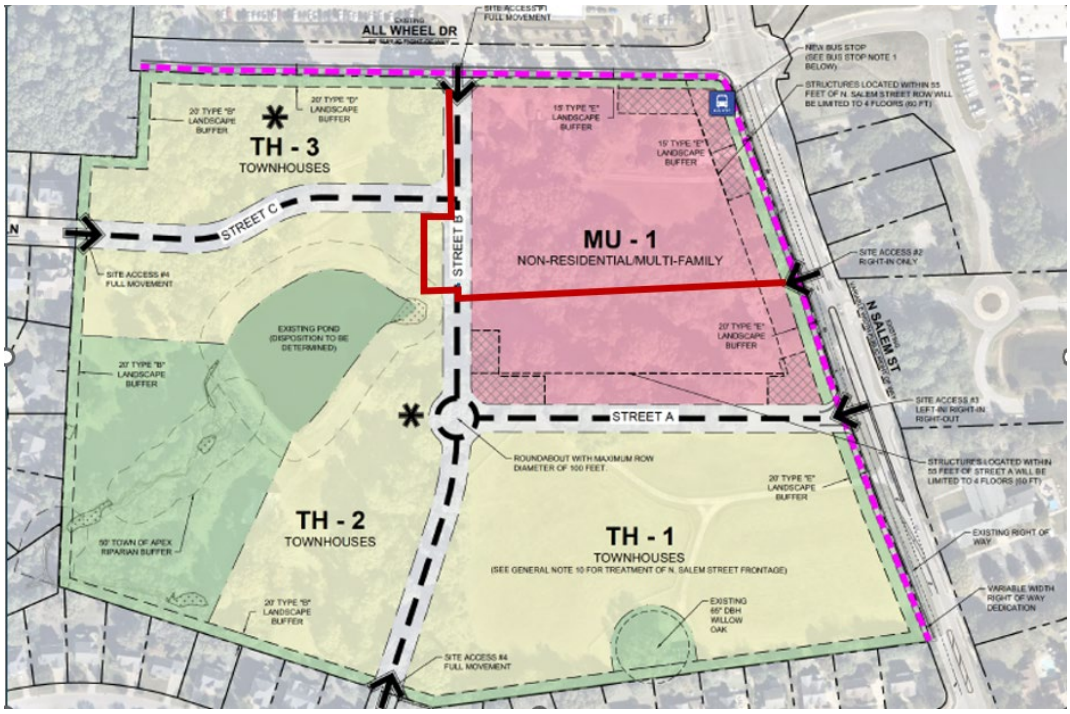


Figure 5: Existing Land Use Boundary (High Density Residential/Office Employment/Commercial Services) on Proposed PUD Plan

Permitted Uses:

The Rezoned Lands may be used for, and only for, the uses listed immediately below. The permitted uses are subject to the limitations and regulations stated in the UDO and any additional limitations or regulations stated below. For convenience, some relevant sections of the UDO may be referenced; such references do not imply that other sections of the UDO do not apply.

	MU-1 District	TH-1 District	TH-2 District	TH-3 District
Residential				
Townhouse		P	P	P
Townhouse, detached		P	P	P
Small-scale multi-family*	P			
Multi-family or apartment	P			
Accessory apartment	P	P	P	P
Recreational Uses				
Park, active	P	P	P	P
Greenway	P	P	P	P
Park, passive	P	P	P	P
Recreation facility, private	P	P	P	P

	MU-1 District	TH-1 District	TH-2 District	TH-3 District
Utility, minor	P	P	P	P
Non-Residential Uses				
Restaurant, general	P			
Medical or dental office or clinic	P			
Medical or dental laboratory	P			
Office, business or professional	P			
Research facility	P			
Parking garage, public	P			
Artisan Studio	P			
Barber and beauty shop	P			
Book store	P			
Convenience store	P			
Dry cleaners and laundry service	P			
Farmer's market	P			
Financial institution, no drive-through	P			
Floral shop	P			
Grocery, specialty	P			
Health/fitness center or spa**	P			
Newsstand or gift shop	P			
Personal service	P			
Pharmacy	P			
Printing and copying service	P			
Real estate sales	P			
Retail sales, general	P			
Studio for art	P			
Tailor shop	P			
Pet services	P			
Drop-in or short-term day care	P			
Veterinary clinic or hospital	P			
Utility, minor	P			
Microbrewery	P			
Microdistillery	P			
Bar, nightclub, wine bar, or taproom***	P			

*Small scale multi-family shall be defined as: A building constructed to accommodate between two and ten dwelling units that are vertically or horizontally integrated. Multiple small-scale multi-family buildings may be located on one Lot.

**Health/fitness center or spa uses shall not exceed 10,000 sf in the aggregate and shall not exceed 4,000 sf per individual use. The 10,000 sf maximum shall not include Health/fitness center or spa uses that are accessory to Multi-family or apartment, or other residential uses.

***Hours of operation Sunday through Thursday shall close by 12 AM and hours of operation Friday through Sunday shall close by 2 AM.

Design Controls:

Acreages for each district are approximate and may increase or decrease by up to 20% based on updated surveys at Master Subdivision Plan.

Development shall comply with the following minimum design controls:

ALL DISTRICTS	
Maximum Total Units	460
Maximum Multi-Family Units	285
Maximum Townhouse/Small Scale Multi-Family Units	175 TH-1 District and TH-2 District combined shall not exceed 120 units
Maximum Non-Residential Square Footage	22,000 sf
Minimum Non-Residential Square Footage	10,000 sf

ALL DISTRICTS					
	Small Scale Multi-family	Front Loaded Townhouse	Rear Loaded Townhouse*	Multi-Family	Mixed-Use***
Minimum Lot Size	None	None	None	None	None
Minimum Lot Width	18 ft	18 ft	18 ft	None	None
Minimum Setbacks					
Front	10 ft	5 ft (building façade); 20 ft (garage)	5 ft (building façade)	10 ft	10 ft
Corner Side	8 ft	8 ft	8 ft	10 ft	10 ft
Rear	10 ft	10 ft	4 ft (to edge of alley)	10 ft	10 ft
Minimum Building Separation	10 ft	10 ft	10 ft	30 ft	20 ft
Maximum Building Height	3 stories: 45 ft	3 stories: 45 ft	3 stories: 45 ft	4-story buildings: 60 ft 4/5 story split buildings: 70 ft	Vertically Mixed-Use building: Maximum 5 stories, 75 ft **
Minimum Buffer/RCA Setbacks	Buildings: 10 ft Parking: 5 ft	Buildings: 10 ft Parking: 5 ft	Buildings: 10 ft Parking: 5 ft	Buildings: 10 ft Parking: 5 ft.	Buildings: 10 ft. Parking: 5 ft.

*Townhouses in TH-1 and Small-scale multi-family in MU-1 along the N. Salem Street frontage shall address N. Salem Street and have alley access from the rear.

**As shown on the PUD Preliminary Site Plan Layout Plan, structures located within 55 feet of the N. Salem Street right of way shall have a maximum of four stories and a maximum height of 60 feet and structures located within 55 feet of Street A shall have a maximum of four stories and a maximum height of 60 feet.

***Standalone non-residential buildings (buildings with no residential uses where the only uses are non-residential) shall be prohibited.

The following building placement controls shall apply in the MU-1 district:

- Within 100 feet of the intersection of Street A and Street B and the intersection of Street A and N. Salem Street, no parking bays or drive aisles shall be permitted between a building's front façade and the adjoining street.
- The corner of N. Salem Street and All Wheel Drive shall be anchored by a building with no more than one double-loaded (parking on each side of drive aisle) parking bay and drive aisle between the street and building.
- To facilitate outdoor dining and gathering, mixed-use buildings shall include a minimum 12-foot wide sidewalk along the facades of non-residential uses. This sidewalk shall include landscaping features (by way of example tree walls, planting beds, potted plants, and similar amenity elements), provided that no portion of such sidewalk serving as a pedestrian travel path shall be less than 6 feet wide.

ARCHITECTURAL CONDITIONS:

The proposed N. Salem Street Mixed-Use PUD offers the following architectural controls to ensure a consistency of character throughout the development, while allowing for enough variety to create interest and avoid monotony. Elevations included are conceptual examples. Final elevations must comply with these architectural standards but may vary from the conceptual elevations. Further details may be provided at the time of Residential Master Subdivision Plan submittal.

The residential design guidelines are divided into areas based on location as follows:

Townhomes:

- Along North Salem Street
- Adjacent to Single family homes
- Interior (Not along North Salem Street or adjacent to Single-family homes).

Small Scale Multi-family buildings:

- Along North Salem Street
- Interior (Not along North Salem Street or adjacent to Single-family homes).

Multi-family and Mixed-Use Buildings:

- Northeast PUD project area

RESIDENTIAL DESIGN GUIDELINES

Townhouses along/facing N. Salem Street:

1. Townhouse buildings shall not exceed 5 townhouse units per building.
2. Townhouse buildings shall have a roof break every townhouse unit.
3. Townhouse units shall include a minimum of 3 steps to the front porch.
4. Townhouse front facades shall have a varied setback for each unit.
5. Townhouse building facades shall have horizontal relief achieved by the use of recesses and projections.
6. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
7. Front entrances shall include an architecture covered porch/stoop area leading to the door.
8. The front, side, and rear elevations of the units facing public right-of-way shall have trim around the windows.
9. The visible side of a townhouse building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.

10. The visible side of a townhouse building on a corner lot facing the public street shall include a wrap-around porch or bay window pop-out.
11. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
12. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
13. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance.

Townhouses adjacent to single-family homes:

1. Townhouse buildings where the front facades or rear facades of townhouses are parallel with the southern shared property line with lots in Haddon Hall, shall not exceed 4 townhouse units per building. Townhouse buildings where the front facades or townhouses are not parallel with the southern shared property line with lots in Haddon Hall shall not exceed 6 townhouse units per building.
2. Townhouse units shall have a roof break every townhouse unit or every other townhome unit
3. Building facades shall have horizontal relief achieved by the use of recesses and projections.
4. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
5. Front entrances shall include a covered porch/stoop area leading to the door.
6. The front, side, and rear elevation of units facing public right-of-way shall have trim around the windows.
7. The visible side of a townhouse building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.
8. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
9. Front facing garage doors must have windows, decorative details or carriage-style adornments on them.
10. The garage shall not protrude more than 1 foot out from the front façade or front porch. Living space above a garage shall not be considered part of the front façade.
11. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
12. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance. Side entry townhouses with front facing garages shall include windows on the front elevation adjacent to the garage.

Small Scale Multi-Family buildings along N. Salem Street:

1. Building entrances shall face N. Salem Street.
2. Buildings shall include a minimum of 3 steps to the front porch.
3. Building facades shall have horizontal relief achieved by the use of recesses and projections.
4. Vinyl siding is not permitted; however, vinyl windows, decorative elements, and trim are permitted.
5. Front entrances shall include an architectural covered porch/stoop area leading to the door.
6. The front, side, and rear elevations of units facing public right-of-way shall have trim around the windows.
7. The visible side of a Small-scale Multi-family building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.
8. The visible side of the Small-scale Multi-family building on a corner lot facing the public street shall include a wrap-around porch or bay window pop-out.

Townhouse and Small Scale Multi-family Interior (not along N. Salem Street or adjacent to Single-family homes):

1. Townhouse buildings shall not exceed 6 Townhome units per building.
2. Townhouse units shall have a roof break every townhouse unit or every other townhouse unit.
3. Building facades shall have horizontal relief achieved by the use of recesses and projections.
4. Vinyl siding is not permitted; however vinyl windows, decorative elements and trim are permitted.
5. Front entrances shall include a covered porch/stoop area leading to the door.
6. The front, side, and rear elevations of units facing public right-of-way shall have trim around the windows.
7. The visible side of a townhouse or small scale Multi-family building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.
8. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
9. Front facing garage doors must have windows or decorative details with carriage-style adornments on them.
10. The garage shall not protrude more than 1 foot out from the front façade or front porch. Living space above a garage shall not be considered part of the front façade.
11. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include a varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
12. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance. Side entry townhouses with front facing garages shall include windows on the front elevation adjacent to the garage.

Multi-Family and Mixed-Use Buildings:

1. Vinyl siding is not permitted; however, vinyl windows, decorative elements, and trim are permitted.
2. Rear and side elevations of units that have right-of-way frontage shall have trim around the windows.
3. A minimum of four of the following decorative features shall be used on each building:
   a. Decorative shake
   b. Board and batten
   c. Decorative porch railing/posts
   d. Shutters
   e. Decorative/functional air vents on roof or foundation
   f. Recessed windows
   g. Decorative windows
   h. Decorative brick/stone
   i. Decorative gables
   j. Decorative cornices
   k. Tin/metal roof
   l. Decorative store front
   m. Building entries defined by a canopy or other entry detail
   n. Other architectural features that differentiate the building
4. Windows must vary in size and/or type.
5. Windows that are not recessed must be trimmed.
6. To reduce the Urban Heat Island Effect and conserve energy, for multi-family buildings, all flat roofs shall be light or with colored or utilize a cool roof material, only if doing so does not impact shingled sloped roofs.

7. EIFS or synthetic stucco shall not be used in the first four feet above grade and shall be limited to only 25% of each building façade.
8. Building facades that are public street facing shall have variation in wall plane, with vertical bays or articulated architectural façade features which may include, but not limited to offsets, projections, recesses, banding and change in materials or colors.
9. The following design guidelines shall only apply to mixed-use buildings:
    a. All reasonable effort shall be taken for loading, service, or mechanical units to be placed at the rear of the structure on non-street facing sides. If any of these features have to be located along a public street front facade, they will be screened in accordance with the UDO.
    b. Building facades that are public street facing shall have variation in wall plane, with vertical bays or articulated architectural facade features which may include, but not limited to offsets, projections, recesses, banding and change in materials or colors.
    c. Large blank walls shall not be greater in 25' in length or height, and shall be broken up with architectural features to reduce visual impacts.
    d. Differences of roof height, pitch, ridgelines and materials shall be used to create visual interest and avoid repetition.
    e. Roof features may include flat roofs with parapet, hip roofs, shed roofs, gables, or awnings with metal or canvas material.

The applicant provided a conceptual streetscape showing a view from the corner of N. Salem Street and All Wheel Drive (See Figure 6: Concept Streetscape View from N. Salem St. and All Wheel Dr. Corner). The conceptual streetscape shows the following features:

1. View of the building height in relation to North Salem Street.
2. View of the 10 ft wide sidepath with a 15 ft wide Type E buffer (trees are shown ghosted) and a 7 ft wide parking setback.
3. 92 ft from the proposed North Salem and All Wheel Drive right-of-way to the building
4. 5-story building at 75 ft height with a 12 ft wide pedestrian walkway along the building.
5. Pedestrian connection from North Salem Street 10 ft sidepath and bus stop to the building.

Figure 6: Concept Streetscape View from N. Salem St. and All Wheel Dr. corner

RESOURCE CONSERVATION AREA AND BUFFERS

RCA:

UDO Section 8.1.2 requires a minimum Resource Conservation Area (RCA) of 20% for development in this area. The proposed rezoning includes designated RCA areas that are consistent with UDO Section 8.1.2.B;

- Preserved streams, wetlands, and associated riparian buffers provide the primary RCA throughout the Property.
- Additional RCA may include portions of the stormwater control measures permitted by the UDO, specimen trees, and perimeter buffers.

Buffers:

Buffer Location:	UDO Requirement:	Proposed:
Along N. Salem Street	30 ft. Type E	15 ft. Type E (MU-1); 20 ft Type E (TH-1)*
Along the South side of All Wheel Drive adjacent to MU-1 District	10 ft. Type D	15 ft. Type E
Adjacent to South side of All Wheel Drive adjacent to TH-3 District	20 ft. Type D	20 ft. Type D
Along the southern perimeter adjacent to the Haddon Hall and Haddon Place single-family residential neighborhoods.	15 ft. Type A	20 ft. Type B
Along the western perimeter adjacent to the Haddon Hall single-family residential neighborhoods	15 ft. Type A	20 ft. Type B

* See PUD Preliminary Site Layout Plan for location of buffers.

HISTORIC RESOURCES:

Historic Structures:

The single family house at 1303 N. Salem Street is listed on the Historic Registry (WA0789). Capital Area Preservation (CAP) performed an evaluation of the house and issued a report dated August 7, 2025 that deemed the house not worthy of preservation. The PUD Plan includes the following condition:

- Before demolition of the house, the developer will work with CAP to identify historic elements, including 2/2 windows and original doors, to be saved for use by CAP in other historic preservation projects.

ENVIRONMENTAL CONDITIONS:

1. The project shall install one (1) sign per Stormwater Control Measure to reduce pet waste and prohibit fertilizer, in locations that are publicly accessible, such as adjacent to amenity centers, sidewalks, greenways, or side paths.
2. The project shall install signage adjacent to wooded or natural condition Resource Conservation Area. The signage shall indicate the area is RCA. The signage shall indicate the area is RCA and is to be preserved in perpetuity and not disturbed.
3. The project shall ensure that 75% of the landscaping shall be native species, which shall provide diverse and abundant pollinator and bird food sources. Special attention shall be paid to providing diverse and abundant pollinator and bird food sources, including plants that bloom in succession from spring to fall. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.
4. The project shall install at least four (4) pet waste stations total across the townhouse districts (TH-1, TH-2, and TH-3) and two (2) pet waste stations in the MU-1 district in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways or side paths.
5. HOA covenants, conditions, and restrictions shall not prohibit solar PV installation by individual homeowners.
6. HOA covenants, conditions, and restrictions shall not prohibit properly maintained pollinator habitats and naturalistic landscapes on the lots or in common areas.
7. No single species of native or adaptive vegetation shall constitute more than 20% of the plant material of its type within a single development site.
8. Five (5) additional feet of buffer width to that required by the UDO along the perimeter of the property shall be required along the southern and western property lines (see perimeter buffer table).
9. Multi-family buildings shall be designed to meet the requirements for one of following green building certifications LEED, EnergyStar, BREEAM, Green Globes, NGBS Green, NAHB, or GreenGuard. A third-party consultant shall be hired to evaluate the project and certify to the Town of Apex that the project meets the standards for the certification. The applicant shall forward a copy of the certification application to the Town of Apex Planning Department to verify that the application has been submitted. The application shall be submitted prior to the issuance of a certificate of occupancy for the multi-family building.
10. To reduce irrigation requirements, the project shall select and plant warm season grasses.
11. All townhouse garages shall be wired with a 220/240-volt electric outlet that supports electric vehicle charging.
12. The developer shall construct a bus stop with landing and amenity pad to Town Standards including a shelter with bench seating, trash receptacle, and two bike racks, subject to review and approval at the time of Master Subdivision or Site Plan, south of All Wheel Drive in front of the proposed MU-1 District.

Tree Protection

The PUD Plan includes protection of the existing Willow Oak tree located along the southern property line, as identified on the Master Plan. The PUD Plan includes the following condition:

- The existing Willow Oak tree shall be preserved unless an arborist determines that the tree is diseased or dying. An arborist's report evaluating the health and structural condition of the tree, including recommendations for any protective or mitigation measures necessary to preserve the tree during construction, shall be submitted with the initial Master Subdivision Plan application.

Proposed PUD Plan Stormwater Management

The post development peak runoff rate shall be limited to the pre-development peak runoff rate for the 1-year, 24-hour, the 10-year, 24-hour, the 25-year, 24-hour, and the 50-year, 24-hour storms. Otherwise, stormwater management shall comply with the UDO.

Additional stormwater management requirements for quality and quantity treatment as outlined in UDO Section 6.1.7 states the following:

- Acceptable stormwater structures shall include wet detention ponds, constructed wetlands, bio-retention areas, or other approved devices consistent with the NC DEQ Stormwater Design Manual and the Town of Apex UDO**.**
- No clearing or land disturbance shall be permitted within the riparian buffer, except the minimum necessary to install required road and utility infrastructure and SCM outlets. The SCM water storage and treatment area shall not be permitted within the riparian buffer. Sewer infrastructure shall be designed to minimize impacts to riparian buffers.

Water Resources Staff Analysis

The Town of Apex's Watershed Protection Overlay District Map shows streams across the site (See Figure 7: Town of Apex Watershed Protection Overly District Map). The Watershed Protection Overlay District map is for illustrative purposes only and is not listed in the UDO as a regulatory map. A disclaimer is stated on the Watershed map (See Figure 8: Watershed Map Disclaimer).

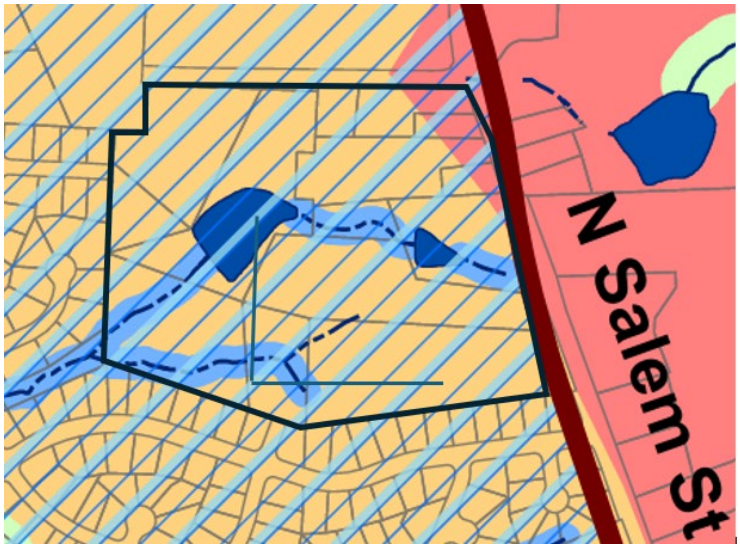


Figure 7: Town of Apex Watershed Protection Overly District Map

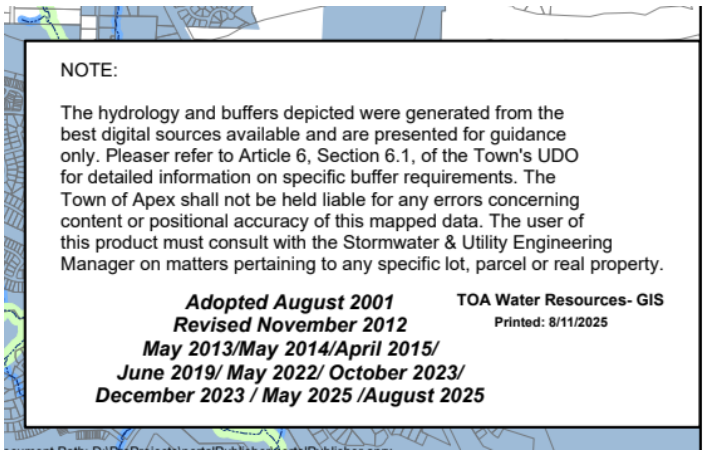


Figure 8: Watershed Map Disclaimer

If a stream is not on the USGS or Soil Survey map, the UDO does not apply. UDO Section 6.1.11. C states:

> C) ***Classification of Surface Waters on Property***
> Riparian buffers shall be maintained for all perennial and intermittent streams, lakes, and ponds as set forth in Sec. 6.1.6 *Low-Density Development Option*, and Sec. 6.1.7 *High-Density Development Option* of this Ordinance. Classifications of surface waters as perennial or intermittent streams, as ephemeral streams (a classification requiring no buffer under the requirements of Sec. 6.1 *Watershed Protection Overlay Districts*), or as a lake or pond shall be as indicated on the most recent version of the U.S.G.S. 1:24,000 (7.5 minute) scale topographic maps, the most recent version of the soil survey map prepared by the Natural Resources Conservation Service of the United States Department of Agriculture, or a map approved by the Geographic Information Coordinating Council and the Environmental Management Commission. In the event that there exists a discrepancy among any of these maps that would affect a required buffer, the classification requiring the most stringent buffer shall be applied. However, an alternative map approved by the Environmental Management Commission shall not be used for buffer delineation on projects that are existing and ongoing within the meaning of Sec. 6.1.11.J.

The language in UDO Section 6.1.11.C is from North Carolina Department Environmental Quality:

> **In the Jordan Lake Watershed** the buffer applies to: intermittent streams, perennial streams, lakes, ponds and reservoirs that are depicted only on the following maps: the most recent printed version of the soil survey map prepared by the Natural Resources Conservation Service OR the 1:24,000 scale quadrangle topographic map prepared by the U.S. Geologic Survey OR a map approved by the Geographic Information Coordinating Council and by the N.C. Environmental Management Commission.

All of the buffered features on the project site drain to the Jordan Lake watershed. North Salem Street is the dividing line between the Jordan and Neuse Basin and no flow from the proposed development is shown to go to the Neuse.

The 2023 Supreme Court ruling and per the subsequent North Carolina Farm Act of 2023 states: isolated wetlands (surrounded by dry upland areas) are no longer protected and would not need a permit to be drained. One of the wetlands, “W6” would be considered isolated since it is not connected to a buffered waterway. Wetlands “W1, W2, W3, W4,” are included within a riparian buffer. Wetland “W5” is jurisdictional and located within the RCA (See Figure 9: Project Buffer and Wetland Map).

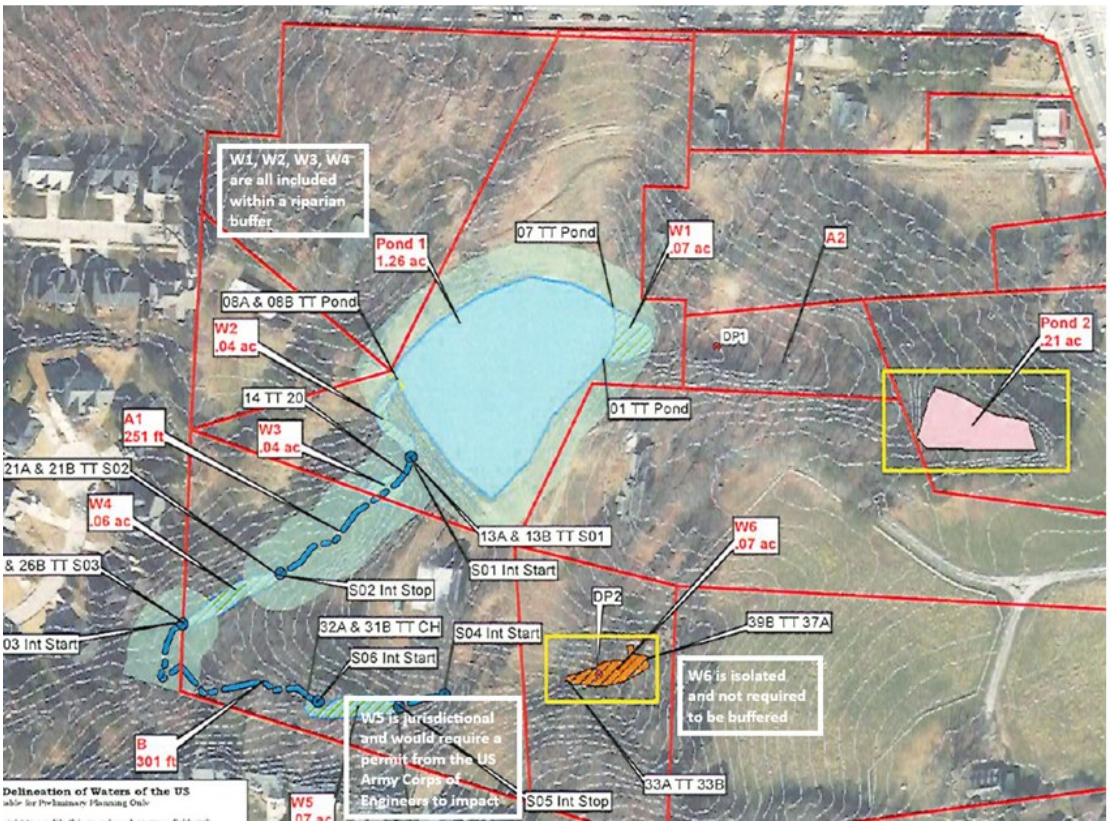
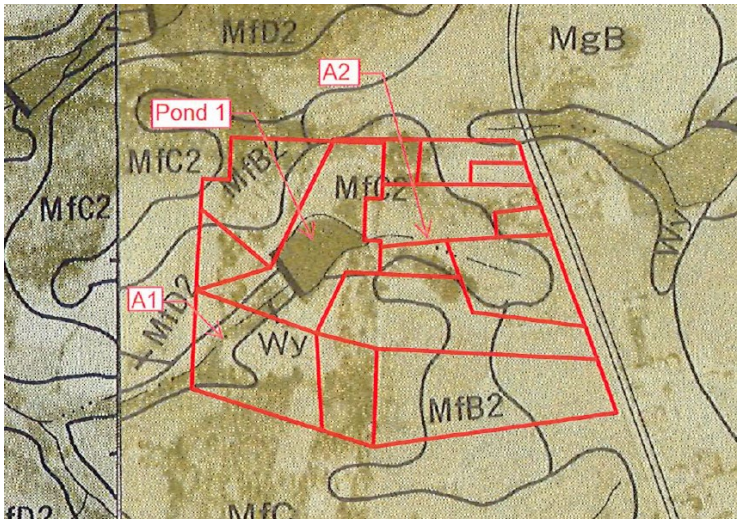


Figure 9: Project Buffer and Wetland Map

Stream Buffer Determination:

On July 1, 2025, Soil & Environmental Consultant, Inc staff and Town Water Resources staff met at the project site to evaluate 3 drainage features to determine if they are subject to the Town of Apex (Town) riparian buffer rules. (See Attachment: Buffer Determination Letter dated July 8, 2025). It was determined that "Pond 1" and Stream "A1" require a buffer (See Figure 10: Buffer Determination Map and Table).



Drainage Feature	Shown as on USGS	Shown as on Soil Survey	Determination made in the field	Determined Buffer Width
A1	Intermittent	Perennial	Intermittent	50 feet
A2	Not Present	Intermittent	Ephemeral	0 feet
Pond 1	Present	Present	Jurisdictional	50 feet

Figure 10: Buffer Determination Map and Table

The proposed buffers and wetlands, located within RCA, meets all Federal, State, and local requirements.

Intent to drain Pond 1:
The applicant submitted the following documents related to the larger of the two ponds onsite (Pond 1) and its associated dam:

- Hydrologic Analysis Memo, a study of what would happen if the dam failed.
- Request to North Carolina Department of Environmental Quality (NCDEQ) for Pond Dam Hazard Determination which requests NCDEQ's concurrence that the dam is high hazard- Class C.
- NCDEQ determination letter, dated September 8, 2026 which determined that a Class-C high hazard classification is presently warranted.

All documents are included in the staff report packet. The applicant proposes draining the pond due to the high hazard classification. Therefore, the PUD concept plan does not designate most of the riparian buffer around that pond as RCA. Any proposed impacts to riparian buffers associated with draining of this pond will be evaluated during the buffer authorization process as part of construction drawing plan review.

Summary of UDO Stormwater Requirements:

Per UDO Section 6.1.7.A.3, applicants for Site Plans and Subdivision Plans are required to submit a Stormwater Impact Statement evaluating potential downstream impacts from the development. For the N. Salem Street PUD, the Stormwater Impact Statement will include modeling design storms through the two immediate downstream culverts in Haddon Hall (See Figure 11: Haddon Hall Downstream Culverts) and shall:

- Be prepared by a qualified professional engineer showing the impacts from the development site to the confluence point downstream where the area of the proposed development is less than 10% of the total drainage area.
- Verify the effects of detention on the downstream hydrographs to ensure that the peaks do not increase for a given storm.
- List the infrastructure (ditches, culverts, etc.) and indicate all the adverse effects and impacts (to roads, culverts, businesses, homes, lawns, etc.) from the development to the 10% point. If backwater from detention appears to be a problem, then the impact statement shall also consider potential effects on upstream properties for the 100-year, 24-hour storm.
- A map that clearly shows the drainage area, the site, affected infrastructure downstream, and the 10% point.

Figure 11: Haddon Hall Downstream Culverts

Pre/post attenuation for 1, 10, and 25-year storms (Upper Beaver Creek basin):

- The post-development peak runoff rate shall be limited to the pre-development peak runoff rate for the 1 year, 24-hour and the 10-year, 24-hour storms.
- Within the upper northwest tributary to Williams Creek basin and the Upper Beaver Creek basin (as shown on the Watershed Protection Overlay District Map), the post-development peak runoff rate for the 25-year, 24-hour storm. Additionally, within those basins, runoff volume for the 10-year, 24-hour storm shall be detained.
- Detention volumes stored for peak flow attenuation and volume control shall drain within 72 hours to allow for subsequent storms.

Pond Draining:

- Submit a pond draining plan for review. The applicant will need to wait 6 months after the draining of the pond to see what type of channel re-forms.
- After those 6 months, the applicant will need to hire an environmental consultant to conduct a stream determination (buffer call) on the feature.

PUBLIC FACILITIES:

Water, Sewer, and Electric Systems:

The proposed N. Salem Street Mixed-Use PUD will be served by Town of Apex water, sanitary sewer, and electric systems. The utility design will be finalized at Master Subdivision Plan review. A conceptual Utility Plan is included in the PUD Plan for reference. The ultimate design for the utilities shall meet the current Town of Apex Master Water and Sewer Plans for approval.

Proposed Transportation Improvements:

Kimley-Horn and Associates prepared a Traffic Impact Analysis (TIA) for the proposed N. Salem Street Mixed-Use PUD. The TIA included trip generation, distribution, traffic analyses and recommendations for transportation improvements required to meet anticipated project traffic demands. The report examined the existing traffic condition, the projected background traffic condition and the projected build-out traffic condition.

The following conditions regarding transportation improvements apply and shall be phased consistent with the

Traffic Impact Analysis, attached to the staff report, that has been performed for this rezoning. All proposed driveway access and improvements on state maintained roadways are subject to both Apex and NCDOT review and approval (See Figure 12: Site Access Locations). Except as set forth herein, all proposed roadway infrastructure and right-of-way dedications will be consistent with the Town of Apex Transportation Plan.

Figure 12: Site Access Location*

(*Note that not all the Study Intersections are shown in the aerial)

The developer shall construct the following, consistent with the Thoroughfare and Collector Street Plan Map and the Bicycle and Pedestrian Plan Map, subject to Town of Apex and NCDOT review and approval at the time of site and subdivision plans:

1. Developer shall construct a 10 foot wide side path on the south side of All Wheel Drive for the length of the project frontage.
2. Developer shall widen N. Salem Street and dedicate public right-of-way for the extent of the project

frontage for the western half of a minimum 41-foot back-to-back 3-lane thoroughfare typical section including a 10 foot wide side path on the west side within an 80-foot typical section right of way.

3. Extend the stub street of Charlion Downs Lane as a public street through the proposed TH-3 district.
4. Sidewalks shall be provided on both sides of internal public streets, subject to Town of Apex review and approval at the time of site and subdivision plans.
5. Subject to Town approval, developer shall construct a 5-foot concrete sidewalk, on the west side of Frenchurch Way along the frontage of PIN 0742352665 to connect the project sidewalk to the existing sidewalk on the south side of Brittley Way including ramps to accommodate crossing of Brittley Way at the western leg of the intersection with Frenchurch Way (collectively, the "Offsite Frenchurch Sidewalk"). If the Offsite Frenchurch Sidewalk requires acquisition of offsite rights-of-way and/or easements, and the Developer is unable to acquire the necessary easements and right-of-way to construct the Offsite Frenchurch Sidewalk through good faith negotiations with the property owner, Developer shall provide an engineer's estimate for the total cost of the sidewalk plus easement acquisition to be reviewed and approved by the Town and pay a fee-in-lieu in that amount.
6. Developer shall extend the 10-foot side path along the project's N. Salem Street frontage, south along the frontage of PIN 0742452783 to Brittley Way (the "Offsite Side Path"). If the Offsite Side Path requires relocation of utilities, including, but not limited to, electric poles, developer shall pay a fee in lieu for the Offsite Side Path. Developer may modify the N. Salem Street section to locate the Offsite Side Path in the existing right of way. For example, the Offsite Side Path could extend to the back of curb without a landscape strip between the path and curb. If the Offsite Side Path requires acquisition of offsite rights of way and/or easements, and the Developer is unable to acquire the necessary easements and right-of-way to construct the Offsite Side Path through good faith negotiations with the property owner, Developer shall provide an engineer's estimate for the total cost of the sidewalk plus easement acquisition to be reviewed and approved by the Town and pay a fee-in-lieu in that amount.
7. N. Salem Street at All Wheel Drive/Key Ring Drive intersection and N. Salem Street site frontage:
   a. Restripe the southbound right turn lane on N. Salem St. at All Wheel Dr. as a though-right shared lane to terminate at Brittley Way.
   b. Modify the traffic signal at all Wheel Dr. to accommodate the new southbound through lane.
8. N. Salem Street at Brittley Way:
   a. Construct a second southbound through lane from north of All Wheel Drive which shall drop as a right turn lane at Brittley Way.
   b. Provided NCDOT and Town of Apex approve such relocation, relocate and/or reconfigure the high-visibility crosswalk across N. Salem St. If NCDOT or the Town do not approve the relocation and/or reconfiguration, this condition shall be deemed satisfied. If the Town and NCDOT approve the relocation, developer shall construct a high-visibility median-divided crosswalk across N. Salem St. on the north side of site Access #3 and a Rectangular Rapid Flashing Beacon (RRFB) system meeting Town of Apex standards, subject to Apex and NCDOT approval. If NCDOT will not permit a RRFB system then the crosswalk may be installed with non-flashing school crosswalk warning signs.
9. External Site Access:
   a. Construct an extension of Frenchurch Way to All Wheel Drive ("Street B").
   b. Construct the northernmost driveway on N. Salem St. (Site Access #2) as a channelized right-in only at least 300 feet south of All Wheel Drive.
   c. Construct the southernmost driveway (Site Access #3) on N. Salem St. as a left-in/right-in/right-out aligned with the Thales outbound driveway, with an exclusive northbound left turn lane on N. Salem St. and a channelized concrete median between them to prohibit left turns from both sides of N. Salem St.
10. Internal Site Access:
   a. Construct a mini-roundabout or roundabout at the intersection of the extension of Frenchurch Way

("Street B") and the street connection to the southernmost N. Salem St, site driveway ("Street A"). Extend the stub street of Charlion Downs Ln as a public street through the proposed "TH-3" District to Street B.

11. The developer shall construct a bus stop with landing and amenity pad to Town Standards including a shelter with bench seating, trash receptacle, and two bike racks, subject to review and approval at the time of Master Subdivision or Site Plan, south of All Wheel Drive in front of the proposed MU-1 District.
12. A pedestrian connection shall be included from the N. Salem St. side path to the Mixed-Use Building through the parking area in the MU-1 District. The connection will be a designated pedestrian path such as but not limited to, sidewalk, change in pavement color or pattern, or other design determined by the developer and staff at Master Subdivision or Site Plan. A pedestrian area with a minimum size of 300 square feet shall be provided at or near the corner of N. Salem St. and All Wheel Dr.
13. If any of the committed transportation improvements require acquisition of offsite rights of way, easements, or other property interests (the "Offsite ROW"), Developer shall make good to acquire the Offsite ROW. If the developer is unable to acquire any offsite ROW through private negotiation and the Town is unwilling or unable to assist in the acquisition, the developer shall pay a fee in lieu for the transportation improvement that cannot be completed, including estimated cost of acquisition, permitting fees, and construction plus 15% contingency, subject to Town review and approval of an engineer's estimate provided by the Developer.

Construction Traffic:

All heavy-duty construction traffic shall enter and exit the site via N. Salem St. and/or All Wheel Dr. "No Construction Traffic" signs shall be posted along Frenchurch Way and Charlion Downs Lane. Provided, however, that equipment and vehicles shall be permitted on Charlion Downs Lane to construct the extension of Charlion Downs Lane, pedestrian connection, and related infrastructure, and on Frenchurch Way to construct the street, utility connections/extensions, and related infrastructure as required by the PUD and the UDO.

Transportation and Infrastructure Staff Analysis:

Transportation and Infrastructure Development staff have reviewed the Traffic Impact Analysis and proposed zoning conditions and are in agreement with the proposed access and transportation improvements offered by the applicant to mitigate anticipated development traffic impacts based on Section 13.19 of the UDO.

PARKING:

Multi-Family and mixed-use buildings shall provide the following minimum parking spaces per dwelling unit based on the number of bedrooms:

Bedrooms per unit	Minimum ratio
1 or 2	1.3 spaces per dwelling unit
3	1.8 spaces per dwelling unit

Parking for townhomes and non-residential uses shall comply with the UDO and state law (to the extent state law modifies the UDO requirement), except that street parking shall count towards the total number of parking spaces for guest parking for required for townhomes, and developer may pursue parking reductions and/or other relief allowed in the UDO at Master Subdivision/Site Plan.

AFFORDABLE HOUSING

Proposed PUD Plan Affordable Housing:

A minimum of ten percent (10%) of the total units shall be affordable housing units. The affordable units shall be for sale or for rent units, at the election of develo[illegible]he issuance of building permits for the affordable

units. The affordable units may be all townhouses, detached townhouses, small-scale multi-family, multi-family or apartment, or a combination thereof, at the discretion of the developer. Final affordable housing unit floor plan selection which includes unit size and bedroom size will be at the discretion of the developer. If the affordable units calculation results in a fraction between 0.50 and 0.99, the affordable units shall be rounded up to the nearest whole number. If the affordable units calculation results in a fraction between 0.01 and 0.49, the affordable units shall be rounded down to the nearest whole number.

For sale affordable units shall be subject to the following terms and conditions:

- The For Sale Units shall be constructed on-site and sold (includes unit price and lot price) at a mutually agreeable maximum affordable median income ownership initial sales price.
- The For Sale Units shall be occupied households earning no more than 120% of the Raleigh NC Metropolitan Statistical Area (MSA), Area Median Income (AMI) as most recently published by HUD (the "Income Limit"). For purposes of calculating the Initial Sales Price for the For Sale Units, affordable shall mean a reasonable down payment and monthly housing costs expected during the first calendar year of occupancy, including utilities or utility allowances, mortgage loan principal and interest, mortgage insurance, property taxes, homeowner's insurance, homeowner's association dues, if any, and all other property assessments, dues and fees assessed as a condition of property ownership (the "Housing Costs"). For purposes of the calculation, monthly Housing Costs shall not exceed 30% of the Income Limit divided by twelve (12).
- A restrictive covenant (i.e. resale deed restriction) with a minimum affordability period of 20 years (the "Affordability Period") shall be recorded in the Wake County Registry against the For Sale Units concurrently at the close of escrow upon the sale of each For Sale Unit.
- Following the first sale of the For Sale Units to a buyer for use as a residence, Developer shall not be responsible for managing the For Sale Units or performing marketing, applicant screening, and selection related to future sales of the For Sale Units.

For rent affordable units (the "Rental Units) shall be subject to the following terms and conditions:

- The Rental Units shall be occupied by low-income households earning no more than 80 % of the Raleigh, NC MSA as most recently published by the U.S. Department HUD for a period of 30 years starting from the date of issuance of the first residential Certificate of Occupancy (the "Affordability Period").
- Prior to issuance of the first Certificate of Occupancy for the Rental Units, a restrictive covenant between the Town and property owner shall be executed and recorded in the Wake County Registry to memorialize the affordable housing terms and conditions.
- During the Affordable Period, the property owner shall submit annual compliance reports to the Town verifying compliance with the affordable housing terms and conditions.
- Following expiration of the Affordable Period, this affordable housing condition shall expire, and the property owner shall be relived of all obligations set forth in this affordable housing condition, and the Rental Units may be freely marketed and leased at market-rate rents.

Housing Staff Analysis:

The Town of Apex Housing Division states that the proposed N. Salem Street Mixed-Use PUD Affordable Housing conditions are consistent with the Town's Affordable Housing Incentive Zoning Policy, which requests that 10% of the total proposed dwelling units be provided as affordable housing. Under the policy, affordable units are restricted to households earning up to 120% of Area Median Income (AMI) for for-sale units with a 20-year affordability period, or up to 80% AMI for rental units with a 30-year affordability period.

ENVIRONMENTAL ADVISORY BOARD (EAB)

The Apex Environmental Advisory Board (EAB) reviewed the proposed N. Salem Street Mixed-Use PUD at their February 19, 2026 meeting. The zoning conditions suggested by the EAB are listed below along with the applicant's response to each condition. Out of 12 recommended conditions, 7 were provided. Note: The EAB only provided suggested zoning conditions for this rezoning. The current requirement for the EAB to make a recommendation on the rezoning based on legislative condition #5 went into effect on July 1, 2026.

	EAB Suggested Conditions	Applicant's Response
1	No clearing or land disturbance shall be permitted within the riparian buffer, except the minimum necessary to install required sewer infrastructure and SCM outlets. The SCM water storage and treatment area shall not be permitted within the riparian buffer. The sewer shall be designed to minimize impacts to the riparian buffer.	No
2	The project shall replace any large type trees, that measure 18-inches in caliper size or larger, and small type trees, that measure 8-inches in caliper size or larger, that are removed as a part of the development. The ratio of replacement shall be 1 large tree to 1 replacement tree. The UDO's required landscaping may be used to satisfy this requirement. To determine the number of trees that must be replaced, a tree survey for the full property shall be provided to the Planning Department. The survey shall be independently verified by a third-party licensed arborist. No further clearing shall be conducted for replacement planting if there is insufficient space.	No
3	The project shall ensure that 75% of the landscaping shall be native species, which shall provide diverse and abundant pollinator and bird food sources. Special attention shall be paid to providing diverse and abundant pollinator and bird food sources, including plants that bloom in succession from spring to fall. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.	Yes
4	To reduce irrigation requirements, the project shall select and plant only warm season grasses.	Yes
5	Increase perimeter buffer requirements, especially in transitional areas, (non-residential to residential areas), the project shall provide additional feet of buffer width to that required by the UDO along the perimeter property. EAB wants to see 30 ft buffer in front of townhomes along N. Salem Street.	Yes & No: additional 5 ft along southern & western property lines; 15 and 20 ft buffers along N. Salem St.
6	If single family, the project shall install at least two (2) pet waste station per 25 residential units/townhomes and at least two (2) pet waste stations per apartment building throughout the community in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways or side paths. If there are fewer than 25 homes, at least one (1) pet waste station shall be installed.	Yes
7	A solar PV system shall be incorporated into buildings to be constructed on the property. Such PV systems shall have a capacity of not less than 2kW/1,000 heated sq ft of building floor area.	No
8	6% (12) townhomes and one home have 3.5 kW solar PV system before 50% of the building permits being issued for the development.	No

	EAB Suggested Conditions	Applicant's Response
9	HOA covenants, conditions, and restrictions shall not prohibit individual solar PV installations.	Yes
10	Commercial: Solar PV installations on commercial and high-density rental housing shall be sized to provide 50% of the electrical energy for common areas.	No
11	Covenants shall not prohibit properly maintained pollinator habitats and naturalistic landscapes on the lots or in common areas.	Yes
12	A minimum of one public transit stop shall be provided within the development and shall include a shelter with benches.	Yes

PARKS AND RECREATION ADVISORY BOARD RECOMMENDATION:

On July 29, 2026, the Parks and Recreation Advisory Board recommended a fee-in-lieu of dedication for a maximum combination of 175 single-family attached and 285 multi-family residential units. The fee-in-lieu rate will be set at the time of Town Council action on the rezoning and run for the life of the project. The total fee-in-lieu (based on final unit count) will be calculated at Major Site Plan/Master Subdivision Plan and Construction Document review.

PLANNING STAFF RECOMMENDATION:

Planning staff recommends approval of Rezoning #25CZ24 N. Salem Street Mixed-Use PUD as proposed by the applicant.

PLANNING BOARD RECOMMENDATION:

The Planning Board held a public hearing on September 14, 2026 and recommended approval by a vote of 6 to 2 with the conditions as follows:

- The applicant considers a wider buffer along the southern property;
- PUD Plan transportation condition 9c be revised as "At site access #3 on N. Salem Street align with Thales outbound driveway, with an exclusive northbound left turn lane on N. Salem Street and a channelized concrete median between them to prohibit left turns from both sides of N. Salem Street."

PUD TEXT REVISIONS AFTER PLANNING BOARD MEETING:

The applicant submitted 2 revisions to the N. Salem Street Mixed Use PUD Text after the September 14th Planning Board meeting as follows:

- Corrected transportation condition 9c as stated at the Planning Board meeting: "At site access #3 on N. Salem Street align with Thales outbound driveway, with an exclusive northbound left turn lane on N. Salem Street and a channelized concrete median between them to prohibit left turns from both sides of N. Salem Street."
- Added Stormwater language: "The post development peak runoff rate shall be limited to the pre-development peak runoff rate for the 1-year, 24-hour, the 10-year, 24-hour, the 25-year, 24-hour, and the 50-year, 24-hour storms. Otherwise, stormwater management shall comply with the UDO."

Both revisions are included in the PUD Plan text within the staff report packet.

ANALYSIS STATEMENT OF THE REASONABLENESS OF THE PROPOSED REZONING:

This Statement will address consistency with the Town's comprehensive and other applicable plans, reasonableness, and effect on public interest:

The 2045 Land Use Map designates the area to be rezoned as Mixed Use: High Density Residential/Office Employment/Commercial Services (+/-4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (+/-27.38 acres). The proposed Planned Unit Development-Conditional Zoning (PUD-CZ) district includes residential density at approximately 7 units/acre in the southern and western sections closest to existing single-family and a mixed-use area with the higher density housing and non-residential uses at the corner of All Wheel Drive and N. Salem Street. If the subject properties are rezoned as proposed, the 2045 Land Use Map will automatically be amended to Mixed Use: High Density Residential/Office Employment/Commercial Services (+/-8.27 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (+/-24.03 acres) per NCGS 160D-605(a). The proposed rezoning to Planned Unit Development-Conditional Zoning (PUD-CZ) will provide the flexibility to accommodate the growth in population, infrastructure, and a coordinated master-planned development pattern consistent with the contemplated by the 2045 Land Use Map.

The proposed rezoning is reasonable and is in the public interest for the following reasons:

- A minimum of 10% of the units will be restricted for affordable housing,
- Increased buffers are provided along the western and southern project boundaries,
- Permitted commercial uses are limited to those that are more compatible with surrounding residential uses,
- Enhanced architectural design conditions are provided for all uses,
- A bus stop with amenities will be constructed at the site,
- Vehicular and pedestrian connectivity for the existing Haddon Hall and Haddon Place subdivisions are improved with the required extension of Frenchurch Way (Street B) to All Wheel Drive which provides access to the light at the intersection of N. Salem Street and All Wheel Drive and the extension of Charlion Downs Lane (Street C) to Street B, and
- The standards for the post development peak runoff rate is improved to the 50-year, 24-hour storm.

PLANNED UNIT DEVELOPMENT DISTRICT AND CONDITIONAL ZONING STANDARDS:

Standards

In return for greater flexibility in site design requirements, Planned Development (PD) Districts are expected to deliver exceptional quality community designs that preserve critical environmental resources; provide high quality community amenities; incorporate creative design in the layout of buildings, Resource Conservation Area and circulation; ensure compatibility with surrounding land uses and neighborhood character; provide high quality architecture; and provide greater efficiency in the layout and provision of roads, utilities, and other infrastructure. The Planned Development (PD) Districts shall not be used as a means of circumventing the Town's adopted land development regulations for routine developments.

Planned Unit Development (PUD-CZ) District

1. In approving a Planned Development (PD) Zoning District designation for a PUD-CZ, the Town Council shall find the PUD-CZ district designation and PD Plan for PUD-CZ demonstrates compliance with the following standards:
   a) *Development parameters*
      (i) The uses proposed to be developed in the PD Plan for PUD-CZ are those uses permitted in Sec. 4.2.2 *Use Table.*

(ii) The uses proposed in the PD Plan for PUD-CZ can be entirely residential, entirely non-residential, or a mix of residential and non-residential uses, provided a minimum percentage of non-residential land area is included in certain mixed use areas as specified on the 2045 Land Use Map. The location of uses proposed by the PUD-CZ must be shown in the PD Plan with a maximum density for each type of residential use and a maximum square footage for each type of non-residential use.

(iii) The dimensional standards in Sec. 5.1.3 *Table of Intensity and Dimensional Standards, Planned Development Districts* may be varied in the PD Plan for PUD-CZ. The PUD-CZ shall demonstrate compliance with all other dimensional standards of the UDO, North Carolina Building Code, and North Carolina Fire Code.

(iv) The development proposed in the PD Plan for PUD-CZ encourages cluster and compact development to the greatest extent possible that is interrelated and linked by pedestrian ways, bikeways and other transportation systems. At a minimum, the PD Plan must show sidewalk improvements as required by the Apex Transportation Plan and the *Town of Apex Standard Specifications and Standard Details*, and greenway improvements as required by the Town of Apex Parks, Recreation, Greenways, and Open Space Plan and the Apex Transportation Plan. In addition, sidewalks shall be provided on both sides of all streets for single-family detached homes.

(v) The design of development in the PD Plan for PUD-CZ results in land use patterns that promote and expand opportunities for walkability, connectivity, public transportation, and an efficient compact network of streets. Cul-de-sacs shall be avoided unless the design of the subdivision and the existing or proposed street system in the surrounding area indicate that a through street is not essential in the location of the proposed cul-de-sac, or where sensitive environmental areas such as streams, floodplains, and wetlands would be substantially disturbed by making road connections.

(vi) The development proposed in the PD Plan for PUD-CZ is compatible with the character of surrounding land uses and maintains and enhances the value of surrounding properties.

(vii) The development proposed in the PD Plan for PUD-CZ has architectural and design standards that are exceptional and provide higher quality than routine developments. All residential uses proposed in a PD Plan for PUD-CZ shall provide architectural elevations representative of the residential structures to be built to ensure the Standards of this Section are met.

b) *Off-street parking and loading*. The PD Plan for PUD-CZ shall demonstrate compliance with the standards of Sec. 8.3 *Off-Street Parking and Loading*, except that variations from these standards may be permitted if a comprehensive parking and loading plan for the PUD-CZ is submitted as part of the PD Plan that is determined to be suitable for the PUD-CZ, and generally consistent with the intent and purpose of the off-street parking and loading standards.

c) *RCA*. The PD Plan for PUD-CZ shall demonstrate compliance with Sec. 8.1.2 Resource Conservation Area, except that the percentage of RCA required under Sec. 8.1.2 may be reduced by the Town Council by no more than 10% provided that the PD Plan for PUD-CZ includes one or more of the following:

(i) A non-residential component; (ii) An overall density of 7 residential units per acre or more; or (iii) Environmental measures including but not limited to the following:

a. The installation of a solar photovoltaic (PV) system on a certain number or percentage of single-family or townhouse lots or on a certain number or percentage of multifamily, mixed-use, or nonresidential buildings. All required solar installation shall be completed or under construction prior to 90% of the building permits being issued for the approved number of lots or buildings. For single-family or townhouse installations, the lots on which these homes are located shall be identified on the

Master Subdivision Plat, which may be amended;

b. The installation of a geothermal system for a certain number or percentage of units within the development; or

c. Energy efficiency standards that exceed minimum Building Code requirements (i.e. SEER rating for HVAC).

d) *Landscaping*. The PD Plan for PUD-CZ shall demonstrate compliance with the standards of Sec. 8.2 *Landscaping, Buffering and Screening*, except that variations from these standards may be permitted where it is demonstrated that the proposed landscaping sufficiently buffers uses from each other, ensures compatibility with land uses on surrounding properties, creates attractive streetscapes and parking areas and is consistent with the character of the area. In no case shall a buffer be less than one half of the width required by Sec. 8.2 or 10 feet in width, whichever is greater.

e) *Signs.* Signage in the PD Plan for PUD-CZ shall demonstrate compliance with Sec. 8.7 *Signs*, except that the standards can be varied if a master signage plan is submitted for review and approval concurrent with the PD plan and is determined by the Town Council to be suitable for the PUD-CZ and generally consistent with the intent and purpose of the sign standards of the UDO. The master signage plan shall have design standards that are exceptional and provide for higher quality signs than those in routine developments and shall comply with Sec. 8.7.2 *Prohibited Signs*.

f) *Public facilities.* The improvements standards and guarantees applicable to the public facilities that will serve the site shall comply with Article 7: *Subdivision and* Article 14: *Parks, Recreation, Greenways, and Open Space*.

(i) The PD Plan for PUD-CZ demonstrates a safe and adequate on-site transportation circulation system. The on-site transportation circulation system shall be integrated with the off-site transportation circulation system of the Town. The PD Plan for PUD-CZ shall be consistent with the Apex Transportation Plan and the *Town of Apex Standard Specifications and Standard Details* and show required right-of-way widths and road sections. A Traffic Impact Analysis (TIA) shall be required per Sec. 13.19.

(ii) The PD Plan for PUD-CZ demonstrates a safe and adequate on-site system of potable water and wastewater lines that can accommodate the proposed development, and are efficiently integrated into off-site potable water and wastewater public improvement plans. The PD Plan shall include a proposed water and wastewater plan.

(iii) Adequate off-site facilities for potable water supply, sewage disposal, solid waste disposal, electrical supply, fire protection and roads shall be planned and programmed for the development proposed in the PD Plan for PUD-CZ, and the development is conveniently located in relation to schools and police protection services.

(iv) The PD Plan shall demonstrate compliance with the parks and recreation requirements of Sec. Article 14: *Parks, Recreation, Greenways, and Open Space* and Sec. 7.3.1 *Privately-owned Play Lawns* if there is a residential component in the PUD-CZ.

g) *Natural resource and environmental protection.* The PD Plan for PUD-CZ demonstrates compliance with the current regulatory standards of this Ordinance related to natural resource and environmental protection in Sec. 6.1 *Watershed Protection Overlay District*, Sec. 6.2 *Flood Damage Prevention Overlay District*, and Sec. 8.1 *Resource Conservation*.

h) *Storm water management.* The PD Plan shall demonstrate that the post-development rate of on-site storm water discharge from the entire site shall not exceed pre-development levels in accordance with Sec. 6.1.7 of the UDO.

i) *Phasing.* The PD Plan for PUD-CZ shall include a phasing plan for the development. If development of the PUD-CZ is proposed to occur in more than one phase, then guarantees shall be provided that project improvements and amenities that are necessary and desirable for residents of the project,

or that are of benefit to the Town, are constructed with the first phase of the project, or, if this is not possible, then as early in the project as is technically feasible.

j) *Consistency with 2045 Land Use Map.* The PD Plan for PUD-CZ demonstrates consistency with the goals and policies established in the Town's 2045 Land Use.

k) *Complies with the UDO.* The PD Plan for PUD-CZ demonstrates compliance with all other relevant portions of the UDO.

Legislative Considerations

The Planning Board shall find the Planned Unit Development-Conditional Zoning (PUD-CZ) designation demonstrates compliance with the following standards. 2.3.3.F:

The applicant shall propose site-specific standards and conditions that take into account the following considerations, which are considerations that are relevant to the legislative determination of whether or not the proposed conditional zoning district rezoning request is in the public interest. These considerations do not exclude the legislative consideration of any other factor that is relevant to the public interest.

1) *Consistency with 2045 Land Use Map.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and consistency with the purposes, goals, objectives, and policies of the 2045 Land Use Map.

2) *Compatibility.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and compatibility with the character of surrounding land uses.

3) *Zoning district supplemental standards.* The proposed Conditional Zoning (CZ) District use's compliance with Sec 4.4 *Supplemental Standards,* if applicable.

4) *Design minimizes adverse impact.* The design of the proposed Conditional Zoning (CZ) District use's minimization of adverse effects, including visual impact of the proposed use on adjacent lands; and avoidance of significant adverse impacts on surrounding lands regarding trash, traffic, service delivery, parking and loading, odors, noise, glare, and vibration and not create a nuisance.

5) *Design minimizes environmental impact.* The proposed Conditional Zoning District use's minimization of environmental impacts and protection from significant deterioration of water and air resources, wildlife habitat, scenic resources, and other natural resources.

6) *Impact on public facilities.* The proposed Conditional Zoning (CZ) District use's avoidance of having adverse impacts on public facilities and services, including roads, potable water and wastewater facilities, parks, schools, police, fire and EMS facilities.

7) *Health, safety, and welfare.* The proposed Conditional Zoning (CZ) District use's effect on the health, safety, or welfare of the residents of the Town or its ETJ.

8) *Detrimental to adjacent properties.* Whether the proposed Conditional Zoning (CZ) District use is substantially detrimental to adjacent properties.

9) *Not constitute nuisance or hazard.* Whether the proposed Conditional Zoning (CZ) District use constitutes a nuisance or hazard due to traffic impact or noise, or because of the number of persons who will be using the Conditional Zoning (CZ) District use.

10) *Other relevant standards of this Ordinance.* Whether the proposed Conditional Zoning (CZ) District use complies with all standards imposed on it by all other applicable provisions of this Ordinance for use, layout, and general development characteristics.

February 5, 2026

Kevin Dean, PE.
Kimley-Horn and Associates
1070 S. Main St, Ste 230
Holly Springs, NC 27540

Subject: Staff summary and comments for N Salem St Mixed-use PUD (Good Acres) TIA, 11/25/2025

Mr. Dean:

Please review the following summary of my comments and recommendations. You may schedule a meeting with me and your client to discuss at your convenience.

Study Area

The TIA studies the proposed N Salem St Mixed-use development to be located west of N. Salem Street between All Wheel Drive and Brittley Way. Access is proposed via four (4) site driveways:

- N. Salem Street and North Site Driveway (right-in only)
- N. Salem Street and South Site Driveway/Thales Academy Outbound Driveway (left-in / right-in / right-out)
- All Wheel Drive and Site Driveway/Crossroads Ford Driveway (full movement)
- Brittley Way and Site Driveway/Frenchurch Way (full movement)

Additionally, the following seven (7) intersections were included for analysis in the TIA study area:

- N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street
- N. Salem Street at US 64 Eastbound Ramps
- N. Salem Street at All Wheel Drive/Key Ring Drive
- N. Salem Street at Thales Academy Inbound Driveway
- N. Salem Street at Brittley Way
- N. Salem Street at Apex Peakway
- Apex Peakway at Brittley Way

Trip Generation

The site is anticipated to consist of the following land uses and intensities:

- 200 single-family attached dwelling units
- 250 mid-rise apartments
- 22,000 square feet (s.f.) of commercial space

The site is projected to generate 74 new trips entering and 164 new trips exiting during the weekday AM peak hour (238 trips total); 97 new trips entering and 80 new trips exiting the site during the weekday school PM peak hour (177 trips total); and 161 new trips entering and 121 new trips exiting the site during the weekday PM peak hour (282 trips total). The site is expected to add 3,294 new daily trips to the adjacent roadway network.

	Enter	Exit	Total
Weekday AM Peak Hour	74	164	**238**
School PM Peak Hour	97	80	**177**
Weekday PM Peak Hour	161	121	**282**
Weekday Daily	1,647	1,647	**3,294**

Background traffic

Background traffic consists of 3% annual non-specific background traffic growth compounded to build out year 2032. No growth was applied to volumes turning on/off of All Wheel Drive/Key Ring Drive, Brittley Way, Frenchurch Way, or the Thales Academy driveways as those volumes would not experience growth without explicit developments.

No approved adjacent development projects were identified to be included.

Trip Distribution and Assignment

The trip distribution for the residential trips is as follows:

- 30% to/from the east on N. Salem Street
- 20% to/from the west on US 64
- 15% to/from the north on Davis Drive
- 15% to/from the south on N. Salem Street
- 10% to/from the east on Apex Peakway
- 10% to/from the west on Apex Peakway

The trip distribution for the retail trips is as follows:

- 25% to/from the north on Davis Drive
- 15% to/from the south on N. Salem Street
- 15% to/from surrounding neighborhoods via Brittley Way
- 15% to/from the east on Apex Peakway
- 10% to/from the west on Apex Peakway
- 10% to/from the east on N. Salem Street
- 10% to/from the west on US 64

Traffic Capacity Analysis and Recommendations

Level of Service (LOS) is a grade of A through F assigned to an intersection, approach, or movement to describe how well or how poorly it operates based on the average delay experienced by drivers. LOS A through D is considered acceptable for peak hour operation. LOS E or F describes potentially unacceptable operation and developers may be required to mitigate their anticipated traffic impact to improve LOS based on the Apex Unified Development Ordinance (UDO).

The weekday morning (AM) and weekday afternoon (PM) peak hours were analyzed for all intersections. For some intersections, the school PM peak hour was also analyzed to determine what impact, if any, the development may have on carpool operations. These intersections are identified with a "*School PM peak LOS" note.

Tables 1 through 10 describe the levels of service (LOS) for the scenarios analyzed in the TIA. "NA" is shown when the scenario does not apply. The scenarios are as follows:

- **2025 Existing** - Existing year 2025 traffic.
- **2032 No Build** - Projected year (2032) with background traffic growth and background developments.
- **2032 Build** - Projected year (2032) with background traffic and site build-out.

All Wheel Drive at Crossroads Ford Driveway / Site Driveway

Table 1. AM / PM Unsignalized Peak Hour Levels of Service All Wheel Drive at Crossroads Ford Driveway / Site Driveway			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	NA	NA	NA
Eastbound (All Wheel Dr)	A / A[2]	A / A[2]	A / A[2]
Westbound (All Wheel Dr)	NA	NA	A / A[2]
Northbound (Site Dwy)	NA	NA	A / A[1]
Southbound (Crossroads Dwy)	A / A[1]	A / A[1]	A / A[1]

1. Level of service for stop-controlled minor street approaches.
2. Level of service for left turn movements on free-flowing major street approaches.

TIA recommendations:

- Construct the northbound Site Driveway with one ingress lane and one egress lane. Provide stop control.

Apex staff recommendations:

Apex staff concur with the TIA. The minor approaches and major-street left-turns are expected to operate at LOS A under all conditions analyzed. Maximum queues are anticipated to be three vehicles or less. This connection to the proposed site will allow drivers wanting to turn left from Brittley Way onto N. Salem Street to access the signalized left-turn movement at the All Wheel Drive and N. Salem Street traffic signal.

N. Salem Street at North Site Driveway (Inbound Only)
There is no level of service or delay associated with an inbound only driveway as there are no conflicting movements.

TIA recommendations:

- Construct the North Site Driveway approximately 330 feet south of All Wheel Drive with one ingress lane.

Apex staff recommendations:

Apex staff recommend extending a second southbound lane, as a shared through/right-turn lane from the All Wheel Drive signal through this intersection to the second site driveway south.

N. Salem Street at Thales Academy Outbound Driveway / South Site Driveway

Table 2. AM / PM Unsignalized Peak Hour Levels of Service N. Salem Street at Thales Academy Outbound Driveway / South Site Driveway			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	NA	NA	NA
Eastbound (South Site Dwy)	NA	NA	C / C* / D[1]
Westbound (Thales Exit)	F / F* / C [1]	F / F*/ C [1]	F / F* / C[1]
Southbound (N. Salem St)	NA	NA	NA
Northbound Left-turn (N. Salem St)	NA	NA	A / C* / C[2]

*School PM peak hour

Note: LOS reported from SimTraffic

1. Level of service for stop-controlled minor street approaches.
2. Level of service for left turn movements on free-flowing major street approaches.

TIA recommendations:

- Construct the eastbound site driveway as a restricted access drive allowing left-in/right-in/right-in/right-out movements. Provide one ingress lane and one egress lane.
- Construct a two-way left-turn lane on N. Salem Street marked with 100’ of storage for the northbound left-turn movement.

Apex staff recommendations:

In addition to the recommendations in the TIA, Apex staff recommend terminating a second southbound lane as a right-turn only lane at this driveway. Staff also recommend a concrete median to channelize the northbound left-turn movement and restrict other movements as identified.

Under existing conditions, Apex Police provide traffic control at this intersection to create breaks in northbound traffic on N. Salem Street to allow Thales school traffic to exit. The analysis models this scenario using a signalized intersection for the AM and School PM peak hours. For consistent reporting, the table above shows the levels of service for typical stop-control at this intersection. Under Build conditions, with the access restrictions in place, the site driveway approach and northbound left-turn movement are anticipated to operate at LOS D or better. The Thales exit driveway continues to operate at LOS F without considering police traffic control. Thales driveway operations should be reviewed by the Town once roadway improvements are complete to assess if police traffic control is still required.

Brittley Way at Frenchurch Way / Site Access

Table 3. AM / PM Unsignalized (All-way Stop-control) Peak Hour Levels of Service Brittley Way at Frenchurch Way			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	A / A	A / A	A / A
Eastbound (Brittley Way)	A / A	A / A	A / A
Westbound (Brittley Way)	A / A	A / A	A / A
Northbound (Frenchurch Way)	A / A	A / A	A / A
Southbound (Frenchurch Way / Site Access)	A / A	A / A	A / A

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff concur with the TIA. This all-way stop-control intersection is expected to operate at LOS A under all conditions analyzed. Maximum queues are anticipated to be less than three vehicles. This connection to the proposed site will allow drivers wanting to turn left from Brittley Way onto N. Salem Street to access the signalized left-turn movement at the All Wheel Drive and N. Salem Street traffic signal.

Apex Peakway at Brittley Way

Table 4. AM / PM Unsignalized Peak Hour Levels of Service Apex Peakway at Brittley Way			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	NA	NA	NA
Eastbound (Apex Peakway)	A / A[2]	A / A[2]	A / A[2]
Westbound (Apex Peakway)	A / A[2]	A / A[2]	A / A[2]
Southbound (Brittley Way)	C / C[1]	C / D[1]	C / D[1]
Northbound (Brittley Way)	B / C[1]	C / C[1]	C / C[1]

1. Level of service for stop-controlled minor street approaches.
2. Level of service for left turn movements on free-flowing major street approaches.

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff concur with the TIA. The Brittley Way approaches are anticipated to operate at LOS D or better under all conditions analyzed. The southbound queue is projected to increase from approximately 2 vehicles to 6 vehicles during the AM peak hour between No Build and Build conditions. The delay on the minor approaches is expected to be less than a two second increase between No Build and Build conditions.

N. Salem Street at Apex Peakway

Table 5. AM / PM Signalized Peak Hour Levels of Service N. Salem Street at Apex Peakway			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	C / C	C / D	C / D
Eastbound (Apex Peakway)	D / E	D / E	D / E
Westbound (Apex Peakway)	C / C	C / C	C / C
Southbound (N. Salem St)	B / C	C / D	C / D
Northbound (N. Salem St)	C / C	C / D	C / D

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff concur with the TIA. The signal is expected to operate at LOS D or better overall during the AM and PM peak hours. Overall delay is expected to increase by approximately two seconds between No Build and Build conditions. Site traffic accounts for less than 3% over the overall traffic at this intersection under Build conditions.

N. Salem Street at Brittley Way

Table 6. AM / PM Unsignalized Peak Hour Levels of Service N. Salem Street at Brittley Way			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	NA	NA	NA
Eastbound (Brittley Way)	C / C[1]	C / D[1]	C / D[1]
Southbound (N. Salem St)	NA	NA	NA
Northbound (N. Salem St)	A / B[2]	A / B[2]	A / B[2]

1. Level of service for stop-controlled minor street approaches.
2. Level of service for left turn movements on free-flowing major street approaches.

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff recommend a 50’ southbound right-turn lane with 100’ of taper on N. Salem Street to provide access around the southbound queues for vehicles turning onto Brittley Way. SimTraffic shows the southbound traffic queue from the Apex Peakway signal extends to or beyond this intersection multiple times during the peak hours.

The Brittley Way approach is anticipated to operate at LOS D or better under all conditions analyzed. Based on SimTraffic results, the eastbound queue is projected to increase from approximately 2 vehicles to 7 vehicles during the AM peak hour between No Build and Build conditions. The delay on the minor approach is expected to be less than a two second increase between No Build and Build conditions for AM and PM peak hours.

Connectivity through the proposed development will allow access to the signalized eastbound left-turn movement at All Wheel Drive and N. Salem Street as an alternative to the unsignalized eastbound left-turn movement on Brittley Way at N. Salem St currently.

There is a high-visibility crosswalk planned on N. Salem Street at Brittley Way. The developer should work with the Town and NCDOT to determine if there is a more desirable midblock location for this crossing while frontage improvements are under design.

N. Salem Street at Thales Academy Inbound Driveway

Table 7. AM / PM Unsignalized Peak Hour Levels of Service N. Salem Street at Thales Academy Inbound Driveway			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	NA	NA	NA
Southbound (N. Salem St)	A / A* / A[1]	B / A* / B[1]	B / B* / A[1]

*School PM peak hour

1. Level of service for left turn movements on free-flowing major street approaches.

Note: LOS reported from SimTraffic

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff recommend carrying a second southbound through lane through this intersection from All Wheel Drive to the second site driveway.

The southbound left-turn movement into Thales campus experiences long queues under existing conditions. This is expected to continue under No Build and Build conditions with or without the site. The proposed site will only add trips to the through movements at this intersection and account for less than 2% of the overall traffic.

N. Salem Street at All Wheel Drive / Key Ring Drive

Table 8. AM / PM Signalized Peak Hour Levels of Service N. Salem Street at All Wheel Drive / Key Ring Drive			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	C / C* / B	C / C* / B	C / C* / D
Eastbound (All Wheel Dr)	D / D* / D	D / D* / D	D / D* / D
Westbound (Key Ring Dr)	E / C* / D	D / C* / D	D / C* / D
Northbound (N. Salem St)	C / C* / A	C / C* / A	C / C* / A
Southbound (N. Salem St)	C / B* / B	C / C* / C	C / D* / E

*School PM peak hour

TIA recommendations:

- Remove protected phasing for eastbound and westbound left-turn movements.

Apex staff recommendations:

Staff do not recommend removal of east/west protected phasing. Staff instead recommend restriping the southbound right-turn lane as a shared through/right-turn lane and constructing a second receiving lane south of the intersection that continues until the second site driveway on N. Salem Street, across from the Thales school exit driveway. This will help offset the projected 40 second increase in delay for the southbound movements during the PM peak hour. This will improve the overall signal operation to LOS C or better during the peak hours analyzed and maintain the protected phasing for the eastbound and westbound left-turn movements.

N. Salem Street at US 64 Eastbound Ramps

Table 9. AM / PM Signalized Peak Hour Levels of Service N. Salem Street at US 64 Eastbound Ramps			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	C / C	D / D	D / D
Eastbound (US 64 EB Off-ramp)	E / D	F / F	F / F
Northbound (N. Salem St)	C / C	C / C	D / C
Southbound (N. Salem St)	A / A	A / A	A / A

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

Apex staff concur with the TIA. This signal is anticipated to operate at an overall LOS D or better under all conditions analyzed. The eastbound approach currently operates at LOS D and E with long queues and is anticipated to operate at LOS F under future conditions, with or without the site. Site trips account for 5% of the overall traffic at this intersection; according to the Town's UDO Section 13.19, improvements are not required.

N. Salem Street / Davis Drive at US 64 Westbound On-ramp/N. Salem Street

Table 10. AM / PM Signalized Peak Hour Levels of Service N. Salem Street / Davis Drive at US 64 Westbound On-ramp			
	2025 Existing	**2032 No Build**	**2032 Build**
Overall	B / C	C / D	C / D
Westbound (N. Salem St)	E / F	F / F	F / F
Northbound (N. Salem St)	A / A	A / A	A / A
Southbound (Davis Dr)	C / C	C / C	C / C

TIA recommendations:

- No improvements by the developer are recommended at this intersection.

Apex staff recommendations:

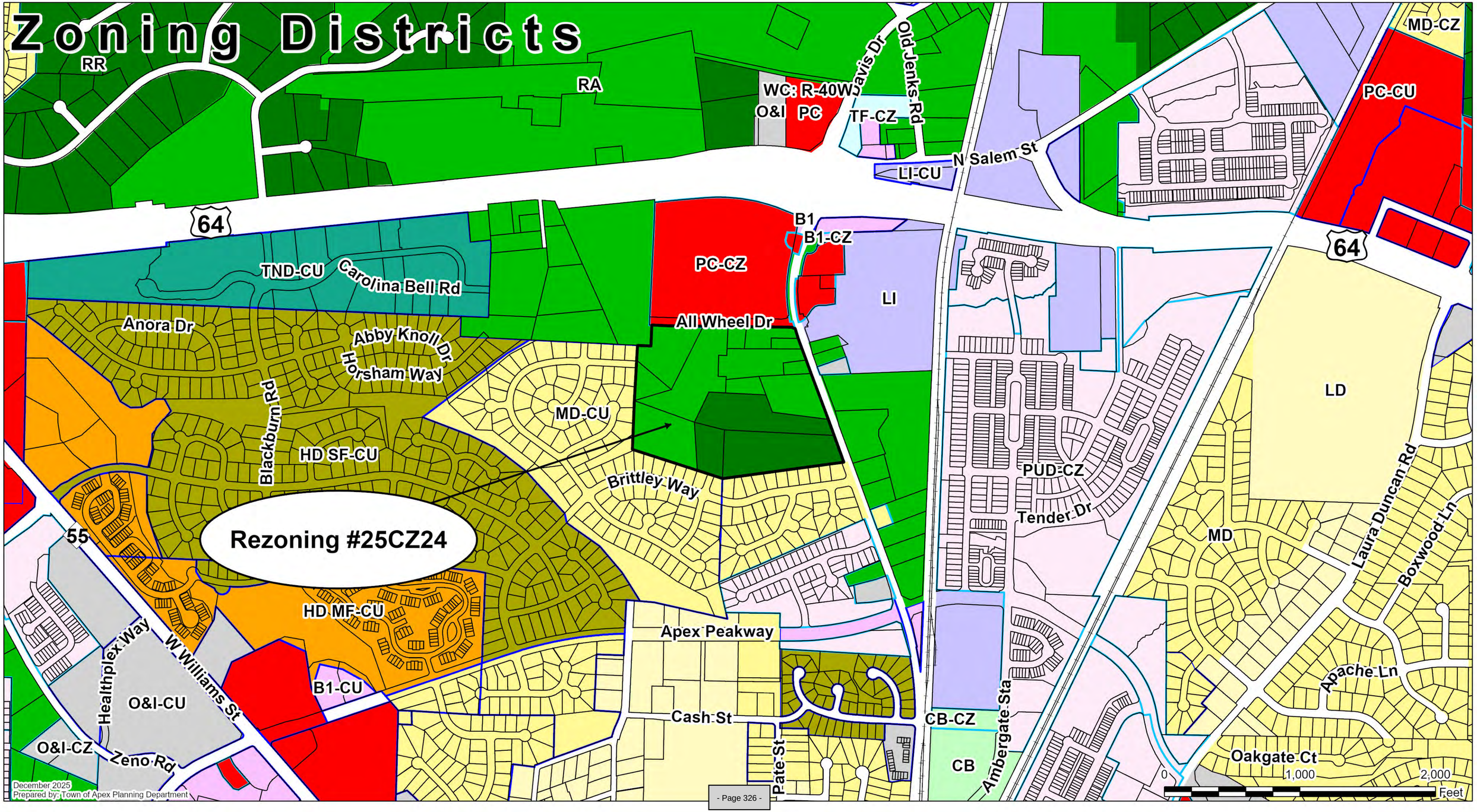
Apex staff concur with the TIA. This signal is anticipated to operate at an overall LOS D or better under all conditions analyzed. The westbound approach currently operates at LOS E and F with long queues and is anticipated to operate at LOS F under future conditions, with or without the site. Site traffic accounts for 3% of the overall traffic at this intersection; according to the Town's UDO Section 13.19, improvements are not required.

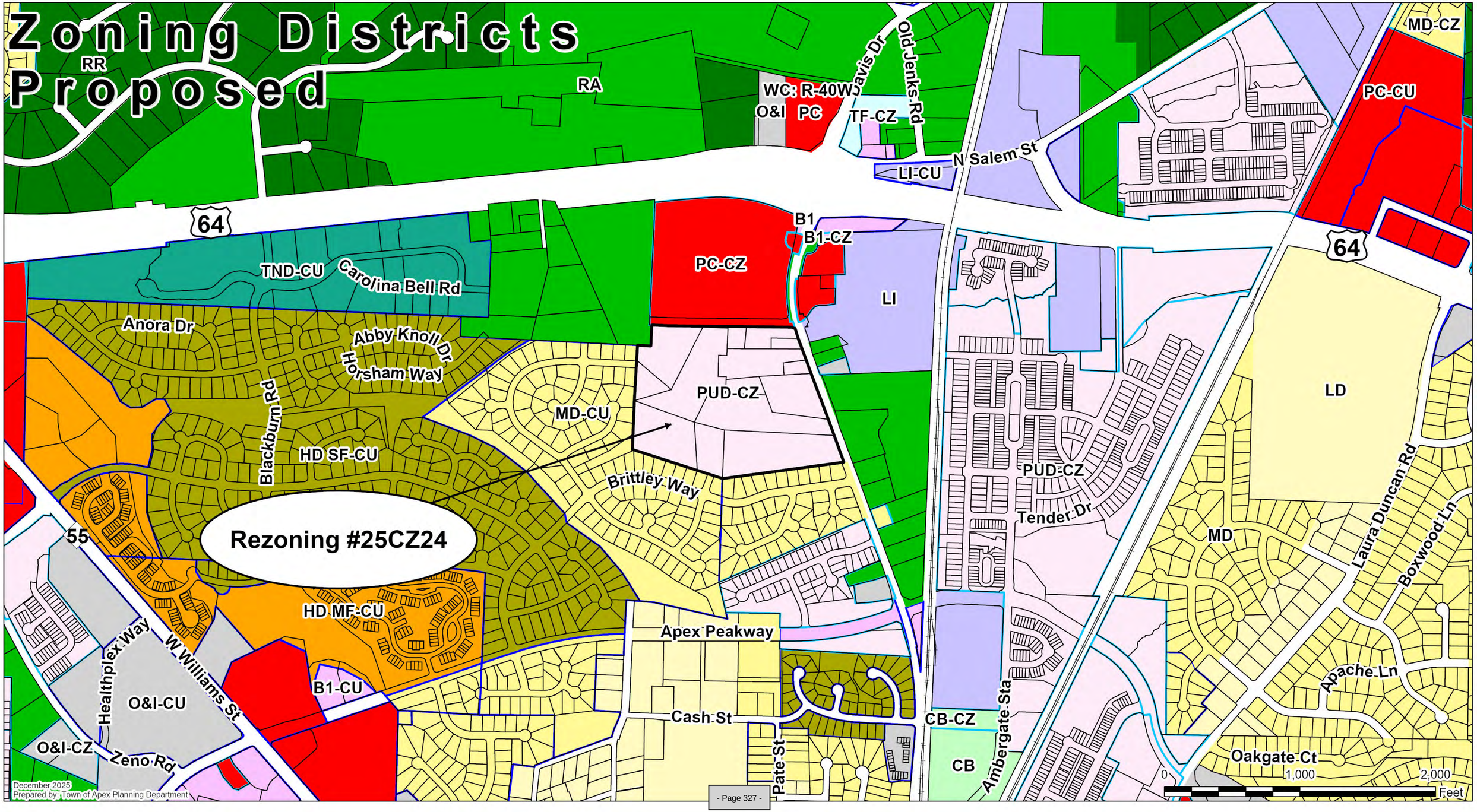
Please coordinate with the NCDOT District Engineer's Office concerning any recommendations on NCDOT facilities. Town staff will be available for meetings to discuss recommendations as needed.

Sincerely,

Jessica McClure, PE
Traffic Safety Engineer | 919-372-7448

Rezoning #25CZ24
Crossroads Ford
Crossroads Ford Truck Center
Boxcar Way
Ambergate Sta
All Wheel Dr
Key Ring Dr
Charlion Downs Ln
Taywood Way
Rexhill Ct
Swandon Ct
N Salem St
Thales Academy
Villages of Apex
Marker Dr
Wandle Ln
Branch Line Ln
Windy Rd
Brittley Way
Haddon Hall
Haddon Hall Dr
Frenchurch Way
Tribayne Ct
Railhead Aly
0
500
1,000
Feet
August 2026
June 2026 Aerial
Photography Prepared by: Town of Apex Planning Department


Zoning Districts
RR
RA
WC: R-40W
O&I
PC
TF-CZ
Davis Dr
Old Jenks Rd
N Salem St
LI-CU
MD-CZ
PC-CU
64
B1
B1-CZ
PC-CZ
LI
All Wheel Dr
TND-CU
Carolina Bell Rd
Anora Dr
Abby Knoll Dr
Horsham Way
Blackburn Rd
HD SF-CU
MD-CU
Brittley Way
Rezoning #25CZ24
55
HD MF-CU
Apex Peakway
Healthplex Way
W Williams St
O&I-CU
B1-CU
O&I-CZ
Zeno Rd
Cash St
Pate St
CB-CZ
CB
Ambergate Sta
PUD-CZ
Tender Dr
LD
MD
Laura Duncan Rd
Boxwood Ln
Apache Ln
Oakgate Ct
0
1,000
2,000
Feet
December 2025
Prepared by: Town of Apex Planning Department


Zoning Districts
Proposed
RR
RA
WC: R-40W
O&I
PC
TF-CZ
Davis Dr
Old Jenks Rd
MD-CZ
PC-CU
N Salem St
LI-CU
64
B1
B1-CZ
PC-CZ
LI
TND-CU
Carolina Bell Rd
Anora Dr
Abby Knoll Dr
Horsham Way
Blackburn Rd
HD SF-CU
MD-CU
PUD-CZ
Brittley Way
Rezoning #25CZ24
55
HD MF-CU
Healthplex Way
W Williams St
O&I-CU
B1-CU
O&I-CZ
Zeno Rd
Apex Peakway
Cash St
Pate St
CB-CZ
CB
Ambergate Sta
PUD-CZ
Tender Dr
LD
MD
Laura Duncan Rd
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Apache Ln
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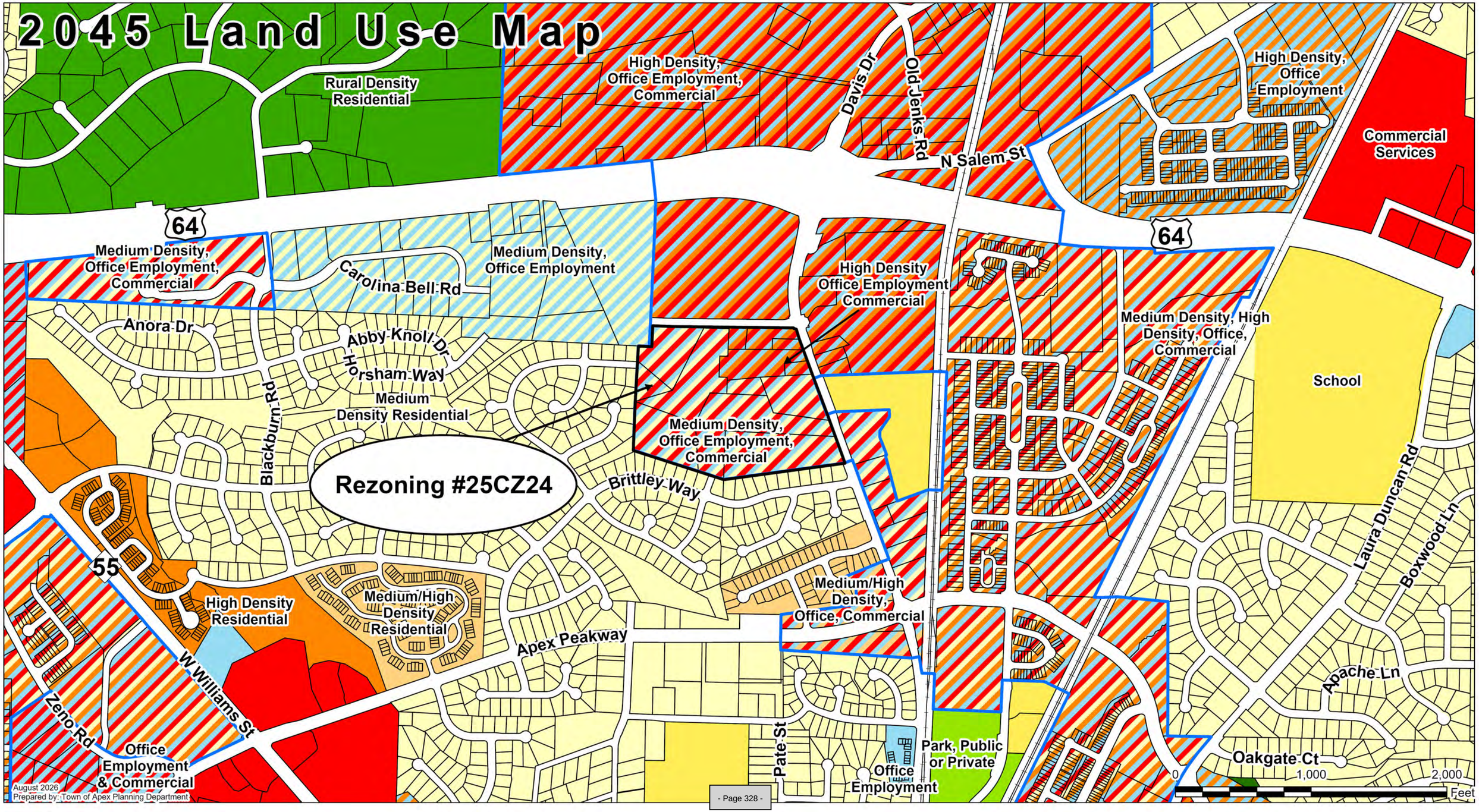
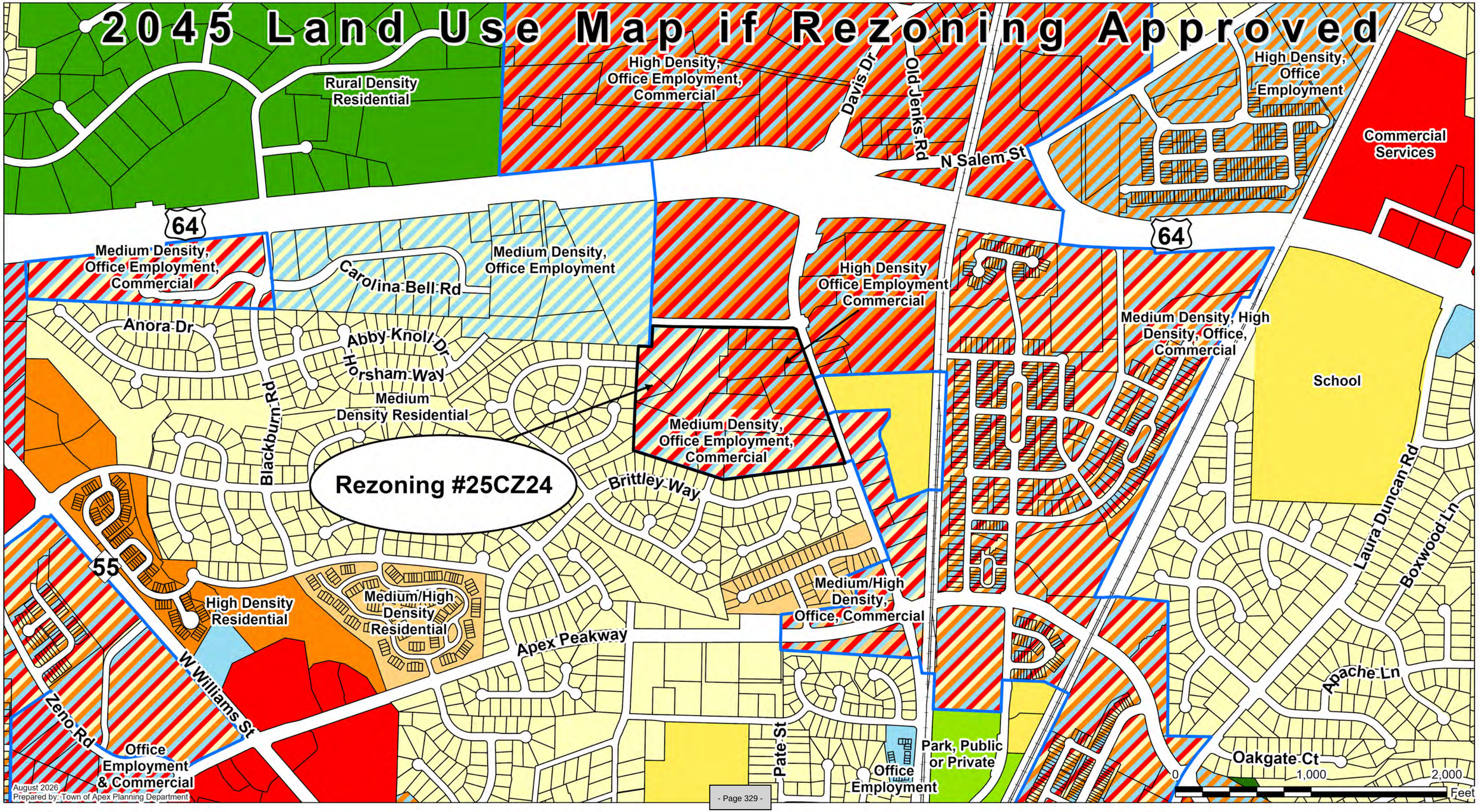
December 2025
Prepared by: Town of Apex Planning Department


2045 Land Use Map
Rural Density Residential
High Density, Office Employment, Commercial
Davis Dr
Old Jenks Rd
N Salem St
High Density, Office Employment
Commercial Services
64
Medium Density, Office Employment, Commercial
Carolina Bell Rd
Medium Density, Office Employment
High Density Office Employment Commercial
Medium Density, High Density, Office, Commercial
Anora Dr
Abby Knoll Dr
Horsham Way
Medium Density Residential
Blackburn Rd
Medium Density, Office Employment, Commercial
School
Rezoning #25CZ24
Brittley Way
Laura Duncan Rd
Boxwood Ln
55
High Density Residential
Medium/High Density Residential
Medium/High Density, Office, Commercial
Apex Peakway
W Williams St
Apache Ln
Zeno Rd
Pate St
Park, Public or Private
Office Employment
Office Employment & Commercial
Oakgate Ct
0
1,000
2,000
Feet
August 2026
Prepared by: Town of Apex Planning Department

2045 Land Use Map if Rezoning Approved



PLANNED UNIT DEVELOPMENT APPLICATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Application #:	25CZ24	Submittal Date:	12/1/25
Fee Paid	$	Check #	

PETITION TO AMEND THE OFFICIAL ZONING DISTRICT MAP

Project Name: N. Salem Street Mixed-Use

Address(es): 0, 1201, 1205, 1207, 1301, 1303, 1405, 1409, N. Salem Street; 0 Charlion Downs Lane

PIN(s) 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712

Acreage: 32.35 acres

Current Zoning: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial (PC-CZ)

Proposed Zoning: Planned Unit Development Conditional (PUD-CZ)

Current 2045 LUM Designation: Commercial Services/Office Employment/Medium Density Residential; Commercial Services/Office Employment/High Density Residential

Is the proposed rezoning consistent with the 2045 LUM Classification(s)?

Although the majority of the PUD layout is consistent with the LUM classifications, the PUD proposes multi-family in a small section of the northwest corner of the site which the LUM designates as Office Employment/Commercial Services/Medium Density Residential

If any portion of the project is shown as mixed use (3 or more stripes on the 2045 Land Use Map) provide the following:

Area classified as mixed use:	Acreage:	32.13
Area proposed as non-residential development:	Acreage:	5.0
Percent of mixed use area proposed as non-residential:	Percent:	15.56%

Applicant Information

Name: Merit Group, LLC c/o Matthew Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: 919-835-4032 E-mail: matthewcarpenter@parkerpoe.com

Owner Information

Name: See attached

Address:

City: State: Zip:

Phone: E-mail:

Agent Information

Name: Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: 919-835-4032 E-mail: matthewcarpenter@parkerpoe.com

Other contacts: Bob Zumwalt; bobzumwalt@kimley-horn.com 919-677-2000

PLANNED UNIT DEVELOPMENT APPLICATION

Application #: 25CZ24 Submittal Date: 12/1/25

PLANNED UNIT DEVELOPMENT DISTRICT STANDARDS:

In return for greater flexibility in site design requirements, Planned Development (PD) Districts are expected to deliver exceptional quality community designs that preserve critical environmental resources; provide high quality community amenities; incorporate creative design in the layout of buildings, Resource Conservation Area and circulation; ensure compatibility with surrounding land uses and neighborhood character; provide high quality architecture; and provide greater efficiency in the layout and provision of roads, utilities, and other infrastructure. The Planned Development (PD) Districts shall not be used as a means of circumventing the Town's adopted land development regulations for routine developments. The PD text and plan should demonstrate how the standards of Sec. 2.3.4.F are met be the proposed rezoning.

LEGISLATIVE CONSIDERATIONS - CONDITIONAL ZONING

The applicant shall propose site-specific standards and conditions that take into account the following considerations, which are considerations that are relevant to the legislative determination of whether or not the proposed conditional zoning district rezoning request is in the public interest. These considerations do not exclude the legislative consideration of any other factor that is relevant to the public interest. Use additional pages as needed.

1) *Consistency with 2045 Land Use Map.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and consistency with the purposes, goals, objectives, and policies of the 2045 Land Use Map.

See attached.

2) *Compatibility.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and compatibility with the character of surrounding land uses.

See attached.

3) Zoning district supplemental standards. The proposed Conditional Zoning (CZ) District use's compliance with Sec 4.4 *Supplemental Standards*, if applicable.

See attached.

4) *Design minimizes adverse impact.* The design of the proposed Conditional Zoning (CZ) District use's minimization of adverse effects, including visual impact of the proposed use on adjacent lands; and avoidance of significant adverse impacts on surrounding lands regarding trash, traffic, service delivery, parking and loading, odors, noise, glare, and vibration and not create a nuisance.

See attached.

5) *Design minimizes environmental impact.* The proposed Conditional Zoning District use's minimization of environmental impacts and protection from significant deterioration of water and air resources, wildlife habitat, scenic resources, and other natural resources.

See attached.

6) *Impact on public facilities.* The proposed Conditional Zoning (CZ) District use's avoidance of having adverse impacts on public facilities and services, including roads, potable water and wastewater facilities, parks, schools, police, fire and EMS facilities.

See attached.

7) *Health, safety, and welfare.* The proposed Conditional Zoning (CZ) District use's effect on the health, safety, or welfare of the residents of the Town or its ETJ.

See attached.

8) *Detrimental to adjacent properties.* Whether the proposed Conditional Zoning (CZ) District use is substantially detrimental to adjacent properties.

See attached.

9) *Not constitute nuisance or hazard.* Whether the proposed Conditional Zoning (CZ) District use constitutes a nuisance or hazard due to traffic impact or noise, or because of the number of persons who will be using the Conditional Zoning (CZ) District use.

See attached.

10) *Other relevant standards of this Ordinance.* Whether the proposed Conditional Zoning (CZ) District use complies with all standards imposed on it by all other applicable provisions of this Ordinance for use, layout, and general development characteristics.

See attached.

Owner Information
N. Salem Street Mixed-Use

PIN 0742367712
Address: 1403 N. Salem St.
Owner: Merit Group, LLC
Acreage: 1.06 acre
Current Zoning: Residential Agricultural

PIN 0742368697
Address: 1401 N. Salem St.
Owner: Merit Group, LLC
Acreage: 0.39 acre
Current Zoning: Residential Agricultural

PIN 0742365731
Address: 1405 N. Salem St.
Owner: Geraldine Gilbert Heirs
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742366583
Address: 1205 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 2.54 acres
Current Zoning: Residential Agricultural

PIN 0742369479
Address: 1303 N. Salem St.
Owner: June Thompson
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742369278
Address: 1301 N. Salem St.
Owner: June Thompson
Acreage: 2.80 acres
Current Zoning: Residential Agricultural

PIN 0742363169
Address: 1207 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 4.46 acres
Current Zoning: Rural Residential

PIN 0742358857
Address: 1201 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 5.34 acres
Current Zoning: Rural Residential

PIN 0742353848
Address: 0 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 1.67 acres
Current Zoning: Rural Residential

PIN 0742350909
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.77 acres
Current Zoning: Residential Agricultural

PIN 0742362432
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 4.59 acres
Current Zoning: Residential Agricultural

PIN 0742366306
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.73 acre
Current Zoning: Residential Agricultural

PIN 0742268387
Address: 0 Charlion Downs Ln
Owner: DLG HOLDINGS LLC
Acreage: 0.93 acre
Current Zoning: Residential Agricultural

PIN 0742360631
Address: 1409 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.06 acres
Current Zoning: Residential Agricultural

PIN 0742362719
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.02 acre

Current Zoning: PC-CZ

PIN 0742363799
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.04 acre
Current Zoning: PC-CZ

Legislative Considerations - Conditional Zoning

The applicant shall propose site-specific standards and conditions that take into account the following considerations, which are considerations that are relevant to the legislative determination of whether or not the proposed conditional zoning district rezoning request is in the public interest. These considerations do not exclude the legislative consideration of any other factor that is relevant to the public interest. Use additional pages as needed.

1. ***Consistency with 2045 Land Use Map.*** **The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and consistency with the purposes, goals, objectives, and policies of the 2045 Land Use Map.**

   Response: The LUM designates the property as Mixed-Use which includes Commercial Services, Medium Density Residential, High Density Residential, and Office Employment. The LUM is clear about where more intense uses should be located on the property; it recommends the highest residential density - together with commercial services - at the intersection of All Wheel Drive and N. Salem Street. In areas closer to existing residential neighborhoods to the south and west, it recommends Medium Density which calls for townhomes. The proposed PUD-CZ achieves this layout across four districts. MU-1 is placed at the corner of All Wheel Drive and N. Salem Street and permits integrated high density multi-family and commercial uses to activate the corner. The remaining districts, TH-1, TH-2, and TH-3 only permit townhomes adjacent to existing single-family neighborhoods.

   Overall, the proposed PUD-CZ is consistent with Advance Apex, the 2045 Land Use Map Update (the "Update") and the 2045 Land Use Map ("LUM"). The Update identifies the property as underdeveloped. The LUM recommends a mix of housing types and densities across the Property with the highest density housing and non-residential uses at the corner of All Wheel Drive and N. Salem Street. It recommends residential density transition down approaching existing single-family neighborhoods to the west and south. The proposed PUD-CZ meets these recommendations by permitting a vibrant, dense, mixed-use area at the intersection with townhouses at approximately 7 units/acre (density recommended by LUM Medium Density category) in the southern and western sections closest to existing single-family. The project only proposes two minor changes to the LUM, to slightly extend the High Density Residential designation south along N. Salem Street and to straighten the western boundary of the High-Density Residential area to match the western boundary of the proposed MU-1 District (the current boundary follows the tax parcel lot line which will be recombined when the property is redeveloped). Although the LUM recommends multi-family (high density residential) at the intersection without a height limit, staff have requested multi-family buildings be limited to 4/5 stories, particularly along N. Salem Street. The area the LUM currently identifies for High Density Residential does not provide sufficient land area to design, park, and operate a multi-family community with buildings under 4/5 stories. The proposed LUM changes slightly extend the high density residential designation south to allow sufficient land to deliver multi-family with the height transition restrictions recommended by staff. Even

with this change, townhouses at the recommended density remain in the TH-1, TH-2 and TH-3 districts.

2. ***Compatibility*. The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and compatibility with the character of surrounding land uses.**

   Response: As discussed above, the proposed PUD districts are designed to meet the density and layout recommendations of the LUM, but be appropriate for the property's location and compatible with existing surrounding land uses. Adjacent properties to the south and west are existing single-family homes on small, less than 0.5 acre lots. Notably, neither of the existing single-family neighborhoods have existing perimeter buffers. All Wheel Drive borders the property to the north and Crossroads Ford is located north of All Wheel Drive. High density residential and commercial uses are placed at the corner, away from existing single-family homes, to create a vibrant mixed-use destination. As shown on the Concept Plan, the majority of existing single-family homes will be adjacent to townhomes, riparian buffers, or open space/RCAs.

3. ***Zoning district supplemental standards.* The proposed Conditional Zoning (CZ) District use's compliance with Sec 4.4 Supplemental Standards, if applicable.**

   Response: The proposed uses will comply with all applicable Supplemental Standards.

4. ***Design minimizes adverse impact.* The design of the proposed Conditional Zoning (CZ) District use's minimization of adverse effects, including visual impact of the proposed use on adjacent lands; and avoidance of significant adverse impacts on surrounding lands regarding trash, traffic, service delivery, parking and loading, odors, noise, glare, and vibration and not create a nuisance.**

   Response: As discussed above, the proposed PUD layout is designed to minimize adverse visual impacts on adjacent properties. A traffic impact analysis has been conducted and submitted to the Town to determine recommended road improvements to mitigate the project's traffic impacts. The PUD text commits to numerous transportation improvements which will improve N. Salem Street frontage, manage site access through designated turning movements, extend internal street connections, provide sidewalks and side paths to improve pedestrian connectivity, and add a bus stop along N. Salem Street. Construction traffic will also be directed to N. Salem Street and/or All Wheel Drive to reduce impacts on nearby residential streets. Additionally, the PUD is designed to respect the natural area, pond, and riparian buffers on the southwestern portion of the property. If structurally sound, one of the existing ponds will be preserved and used as an amenity. Finally, the project will meet all UDO requirements for buffers, trash, traffic, service delivery, parking and loading, odors, noise, glare, and vibration.

5. ***Design minimizes environmental impact.* The proposed Conditional Zoning District use's minimization of environmental impacts and protection from significant deterioration of water and air resources, wildlife habitat, scenic resources, and other natural resources.**

   Response: The project will meet all local, state, and federal environmental regulations. There is an existing farm pond, stream, and wetlands located on the southwestern portion of the Property. As shown on the PUD Concept Plan this stream and a jurisdictional wetland will be preserved as RCA. No structures will be located in riparian buffers. The project will meet the UDO RCA requirement.

6. ***Impact on public facilities.*** **The proposed Conditional Zoning (CZ) District use's avoidance of having adverse impacts on public facilities and services, including roads, potable water and wastewater facilities, parks, schools, police, fire and EMS facilities.**

   Response: The proposed district will not have an adverse impact on public facilities and services.

7. ***Health, safety, and welfare.*** **The proposed Conditional Zoning (CZ) District use's effect on the health, safety, or welfare of the residents of the Town or its ETJ.**

   Response: The proposed use will not have adverse effects on health, safety, or welfare of residents of the Town or its ETJ. Rather, it will add to the housing supply and increase commercial uses in an area which the Town envisions as a mixed-use area while providing adequate transitions to single-family uses to the south.

8. ***Detrimental to adjacent properties.*** **Whether the proposed Conditional Zoning (CZ) District use is substantially detrimental to adjacent properties.**

   Response: The proposed district is not substantially detrimental to adjacent properties. As discussed above the proposed project will permit commercial and higher-density residential on the north side near Crossroads Ford, and the lower-density townhouses on the south side. A 20-foot Type "B" landscaped buffer is also proposed along the southern and western boundary line.

9. ***Not constitute nuisance or hazard.*** **Whether the proposed Conditional Zoning (CZ) District use constitutes a nuisance or hazard due to traffic impact or noise, or because of the number of persons who will be using the Conditional Zoning (CZ) District use.**

   Response: The proposed district will not constitute a nuisance or hazard due to traffic impact, noise, or because of the number of persons using the district. The PUD limits the allowed multi-family density to a maximum of 285 units, townhouses/small scale multi-family units to a maximum of 175 units, incorporate open space, and will comply with all UDO required buffers.

10. ***Other relevant standards of this Ordinance.*** **Whether the proposed Conditional Zoning (CZ) District use complies with all standards imposed on it by all other applicable provisions of this Ordinance for use, layout, and general development characteristics.**

    Response: The project will comply with all other applicable standards of the UDO.

DEVELOPMENT NAME APPROVAL APPLICATION

Application #: 25CZ24 Submittal Date: 12/1/2025

Fee for Initial Submittal: No Charge Fee for Name Change after Approval: $500*

Purpose

To provide a consistent and clearly stated procedure for the naming of subdivisions and/or developments and entrance roadways (in conjunction with *Town of Apex Address Policy*) so as to allow developers to define and associate the theme or aesthetics of their project(s) while maintaining the Town's commitment to preserving the quality of life and safety for all residents of Apex proper and extraterritorial jurisdiction.

Guidelines

- ✓ The subdivision/development name shall not duplicate, resemble, or present confusion with an existing subdivision/development within Apex corporate limits or extraterritorial jurisdiction except for the extension of an existing subdivision/development of similar or same name that shares a continuous roadway.
- ✓ The subdivision/development name shall not resemble an existing street name within Apex corporate limits or extraterritorial jurisdiction unless the roadway is a part of the subdivision/development or provides access to the main entrance.
- ✓ The entrance roadway of a proposed subdivision/development shall contain the name of the subdivision/development where this name does not conflict with the Town of Apex *Road Name Approval Application* and *Town of Apex Address Policy* guidelines.
- ✓ The name "Apex" shall be excluded from any new subdivision/development name.
- ✓ Descriptive words that are commonly used by existing developments will be scrutinized more seriously in order to limit confusion and encourage distinctiveness. A list of commonly used descriptive words in Apex's jurisdiction is found below.
- ✓ The proposed subdivision/development name must be requested, reviewed and approved during preliminary review by the Town.
- ✓ A $500.00 fee will be assessed to the developer if a subdivision/development name change is requested after official submittal of the project to the Town.*

*The imposed fee offsets the cost of administrative changes required to alleviate any confusion for the applicant, Planning staff, other Town departments, decision-making bodies, concerned utility companies and other interested parties. There is no charge for the initial name submittal.

Existing Development Titles, Recurring

	Residential	Non-Residential
10 or more	Creek, Farm(s), Village(s),	Center/Centre
6 to 9	Crossing(s), Park, Ridge, Wood(s)	Commons, Park
3 to 5	Acres, Estates, Glen(s), Green•, Hills	Crossing(s), Plaza, Station, Village(s)

•excludes names with Green Level

Last Updated: June 13, 2016

DEVELOPMENT NAME APPROVAL APPLICATION

Application #: 25CZ24 Submittal Date: 12/1/25

Proposed Subdivision/Development Information

Description of location: N. Salem Street/All Wheel Drive

Nearest intersecting roads: N. Salem Street/All Wheel Drive

Wake County PIN(s): 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712

Township: White Oak

Contact Information (as appropriate)

Contact person: Merit Group, LLC c/o Matthew Carpenter

Phone number: 919-835-4032 Fax number:

Address: 301 Fayetteville Street, Suite 1400, Raleigh NC

E-mail address: matthewcarpenter@parkerpoe.com

Owner: See attached Exhibit A

Phone number: N/A Fax number: N/A

Address: N/A

E-mail address: N/A

Proposed Subdivision/Development Name

1st Choice: TBD

2nd Choice *(Optional)*:

Town of Apex Staff Approval:

Town of Apex Planning Department Staff Date

STREET NAME APPROVAL APPLICATION

Application #: 25CZ25 Submittal Date: 12/1/25

Wake County Approval Date: _____

Guidelines:

- No names duplicating or sounding similar to existing road names
- Avoid difficult to pronounce names
- No individuals' names
- Avoid proper names of a business, e.g. Hannaford Drive
- Limit names to 14 characters in length
- No directionals, e.g. North, South, East, West
- No punctuation marks, e.g. periods, hyphens, apostrophes, etc.
- Avoid using double suffixes, e.g. Deer Path Lane
- All names must have an acceptable suffix, e.g. Street, Court, Lane, Path, etc.
- Use only suffixes which are Town of Apex approved
- Town of Apex has the right to deny any street name that is determined to be inappropriate

Information:

Description of location: N. Salem Street/All Wheel Drive

Nearest intersecting roads: N. Salem Street/All Wheel Drive

Wake County PIN(s): 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712

Township: White Oak

Contact information (as appropriate)

Contact person: Matthew Carpenter

Phone number: 919-835-4032 Fax number: 919-834-4564

Address: 301 Fayetteville Street, Suite 1400, Raleigh, NC 27601

E-mail address: matthewcarpenter@parkerpoe.com

Owner: See attached

Phone number: _____ Fax number: _____

Address: _____

E-mail address: _____

STREET NAME APPROVAL APPLICATION

Application #: 25CZ24 Submittal Date: 12/1/25

# of roads to be named: TBD

Please submit twice as many road names as needed, with preferred names listed first. Proposed road names should be written exactly as one would want them to appear. Town of Apex Planning Department staff will send all approved street names to the Wake County GIS Department for county approval. Please allow several weeks for approval. Upon approval Wake County GIS – Street Addressing will inform you of the approved street names.

Example:	Road Name	Suffix
	Hunter	Street

1	TBD	11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

TOWN OF APEX STAFF APPROVAL

Town of Apex Staff Approval Date

WAKE COUNTY STAFF APPROVAL:

GIS certifies that _____ names indicated by checkmark ☑ are approved.
Please disregard all other names.

Comments:

Wake County GIS Staff Approval Date

Last Updated: June 13, 2016

TOWN OF APEX UTILITIES OFFER AND AGREEMENT

Application #: 25CZ24 Submittal Date: 12/1/25

Town of Apex
73 Hunter Street
P.O. Box 250 Apex, NC 27502
919-249-3400

WAKE COUNTY, NORTH CAROLINA CUSTOMER SELECTION AGREEMENT

0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697

0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712

(the "Premises")

The Town of Apex offers to provide you with electric utilities on the terms described in this Offer & Agreement. If you accept the Town's offer, please fill in the blanks on this form and sign and we will have an Agreement once signed by the Town.

Merit Group, LLC, the undersigned customer ("Customer") hereby irrevocably chooses and selects the Town of Apex (the "Town") as the permanent electric supplier for the Premises. Permanent service to the Premises will be preceded by temporary service if needed.

The sale, delivery, and use of electric power by Customer at the Premises shall be subject to, and in accordance with, all the terms and conditions of the Town's service regulations, policies, procedures and the Code of Ordinances of the Town.

Customer understands that the Town, based upon this Agreement, will take action and expend funds to provide the requested service. By signing this Agreement the undersigned signifies that he or she has the authority to select the electric service provider, for both permanent and temporary power, for the Premises identified above.

Any additional terms and conditions to this Agreement are attached as Appendix 1. If no appendix is attached this Agreement constitutes the entire agreement of the parties.

Acceptance of this Agreement by the Town constitutes a binding contract to purchase and sell electric power.

Please note that under North Carolina General Statute §160A-332, you may be entitled to choose another electric supplier for the Premises.

Upon acceptance of this Agreement, the Town of Apex Electric Utilities Division will be pleased to provide electric service to the Premises and looks forward to working with you and the owner(s).

ACCEPTED:

CUSTOMER: Merit Group, LLC

BY: _____
Authorized Agent

DATE: _____

TOWN OF APEX

BY: _____
Authorized Agent

DATE: _____

AGENT AUTHORIZATION FORM

Application #: 25CZ24 Submittal Date: 12/1/25

David L. Goodwin is signing on behalf of the owners* of the properties for which the attached application is being submitted pursuant to Power of Attorney recorded in Deed Book 19916, Page 2530, Wake County Registry.

☑ Rezoning: For Conditional Zoning and Planned Development rezoning applications, this authorization includes express consent to zoning conditions that are agreed to by the Agent which will apply if the application is approved.

☐ Site Plan

☐ Subdivision

☐ Variance

☐

The property address is: 1207 N. Salem St. (0742363169); 1201 N. Salem St. (0742358857); 0 N. Salem St. (0742353848); 1405 N. Salem St. (0742365731); 1303 N. Salem St. (0742369479); 1301 N. Salem St. (0742369278)

The agent for this project is: Matthew J. Carpenter and Paul Munana

☐ I am the owner of the property and will be acting as my own agent

Agent Name: Matthew J. Carpenter and Paul Munana

Address: 301 Fayetteville Street, Suite 1400, Raleigh, NC 27601

Telephone Number: 919-835-4032

E-Mail Address: MatthewCarpenter@parkerpoe.com

Signature(s) of Owner(s)*

Signed by:
David L. Goodwin
EA9E940B546F473...

David L. Goodwin

Type or print name Date

Type or print name Date

Attach additional sheets if there are additional owners.

*Owner of record as shown on the latest equalized assessment rolls of Wake County. An option to purchase does not constitute ownership. If ownership has been recently transferred, a copy of the deed must accompany this authorization.

Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this application and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The parties hereby consent to use electronic or digitized signatures in accordance with the Town's Electronic Signature Policy and intend to be bound by the application and any related documents. If electronic signatures are used the application shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

AGENT AUTHORIZATION FORM

Application #: 25CZ24 Submittal Date: 12/1/25

DLG Holdings, LLC is the owner* of the property for which the attached application is being submitted:

☑ Rezoning: For Conditional Zoning and Planned Development rezoning applications, this authorization includes express consent to zoning conditions that are agreed to by the Agent which will apply if the application is approved.

☐ Site Plan

☐ Subdivision

☐ Variance

☐ Other:

The property address is: 0, 1205, & 1409 N. Salem Street; 0 Charlion Downs Ln (PINS: 0742366583, 0742350909, 0742362432, 0742366306, 0742268387, 0742360631, 0742362719, 0742363799)

The agent for this project is: Matthew Carpenter and Paul Munana

☐ I am the owner of the property and will be acting as my own agent

Agent Name: Matthew Carpenter and Paul Munana

Address: 301 Fayetteville Street, Suite 1400, Raleigh, NC 27601

Telephone Number: 919-835-4032

E-Mail Address: MatthewCarpenter@parkerpoe.com

Signature(s) of Owner(s)*

DLG Holdings, LLC,
a North Carolina limited liability company

By: Signed by: David L. Goodwin
EA9E940B540F473...
David L. Goodwin, Manager

Attach additional sheets if there are additional owners.

*Owner of record as shown on the latest equalized assessment rolls of Wake County. An option to purchase does not constitute ownership. If ownership has been recently transferred, a copy of the deed must accompany this authorization.

Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this application and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The parties hereby consent to use electronic or digitized signatures in accordance with the Town's Electronic Signature Policy and intend to be bound by the application and any related documents. If electronic signatures are used the application shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

AGENT AUTHORIZATION FORM

Application #: 25CZ24 Submittal Date: _____

Merit Group, LLC is the owner* of the property for which the attached application is being submitted:

☑ Rezoning: For Conditional Zoning and Planned Development rezoning applications, this authorization includes express consent to zoning conditions that are agreed to by the Agent which will apply if the application is approved.

☐ Site Plan

☐ Subdivision

☐ Variance

☐ Other: _____

The property address is: 1401 N. Salem Street (PIN 0742368697)

The agent for this project is: Matthew Carpenter and Paul Munana

☐ I am the owner of the property and will be acting as my own agent

Agent Name: Matthew Carpenter and Paul Munana

Address: 301 Fayetteville Street, Suite 1400, Raleigh, NC 27601

Telephone Number: 919-835-4032

E-Mail Address: MatthewCarpenter@parkerpoe.com

Signature(s) of Owner(s)*

Paul Munana

Paul Munana

Type or print name Date

Type or print name Date

Attach additional sheets if there are additional owners.

*Owner of record as shown on the latest equalized assessment rolls of Wake County. An option to purchase does not constitute ownership. If ownership has been recently transferred, a copy of the deed must accompany this authorization.

Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this application and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The parties hereby consent to use electronic or digitized signatures in accordance with the Town's Electronic Signature Policy and intend to be bound by the application and any related documents. If electronic signatures are used the application shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

AFFIDAVIT OF OWNERSHIP

Application #: 25CZ24 Submittal Date: _____

The undersigned, Matthew J. Carpenter (the "Affiant") first being duly sworn, hereby swears or affirms as follows:

1. Affiant is over eighteen (18) years of age and authorized to make this Affidavit. The Affiaor is the authorized agent of all owners of the property legally described in Exhibit A attached hereto and incorporated herein (the "Property").
2. This Affidavit of Ownership is made for the purpose of filing an application for development approval with the Town of Apex.
3. Affiant possesses documentation indicating the agency relationship granting the Affiant the authority to apply for development approval on behalf of the owner(s).
4. To Affiant's actual knowledge, no claim or action has been brought against owners which questions title or right to possession of the property, nor is any claim or action pending against Affiant or owners in court regarding possession of the Property.

This the 25th day of August, 2026

_____ (seal)
Matthew J. Carpenter
Type or print name

STATE OF NORTH CAROLINA
COUNTY OF Wake

I, the undersigned, a Notary Public in and for the County of Wake, hereby certify that Matthew J. Carpenter, Affiant, personally known to me or known to me by said Affiant's presentation of said Affiant's N/A, personally appeared before me this day and acknowledged the due and voluntary execution of the foregoing Affidavit.

RYANN M GRIFFIN
NOTARY PUBLIC
Wake County
North Carolina
My Commission Expires September 17, 2028
[NOTARY SEAL]

Ryann M. Griffin
Notary Public
State of North Carolina
My Commission Expires: 9/17/2028

Last Updated: August 30, 2019

Exhibit A
to
Affidavit of Ownership

PIN 0742368697 (1401 N. Salem Street)

BEGINNING at a piece of rebar found in the northwestern right of way of N. Salem Street (60 foot public right of way), said rebar found being a common corner with the northeastern corner of the property of Williams S. Goodwin ("Goodwin") (now or formerly) as shown in Deed Book 12399, Page 1196, Wake County Registry, said rebar BEING THE POINT AND PLACE OF BEGINNING; thence running with the northern property line of Goodwin (now or formerly)North 85-30-00 West 227.82 feet to an iron pipe found; thence leaving the northern property line of Goodwin (now or formerly) North 04-28-36 East 80.70 feet to an iron pipe found; thence South 84-49-48 East 198.16 feet to an iron pipe found, said iron pipe being located in the northwestern right of way of N. Salem Street (60 foot public right of way); thence running with the northwestern right of way of N. Salem Street, South 16-15-36 feet East 83.82 feet to a piece of rebar, said rebar BEING THE TRUE POINT AND PLACE OF BEGINNING, tract containing 0.389 acres, 16,923.8 square feet per survey prepared by Chance Surveying Company, P.A. dated April 23, 2014 entitled "Final Survey for John Huber".

AGENT AUTHORIZATION FORM

Application #: 25CZ24 Submittal Date: _____

Merit Group, LLC is the owner* of the property for which the attached application is being submitted:

☑ Rezoning: For Conditional Zoning and Planned Development rezoning applications, this authorization includes express consent to zoning conditions that are agreed to by the Agent which will apply if the application is approved.

☐ Site Plan

☐ Subdivision

☐ Variance

☐ Other: _____

The property address is: 1403 N. Salem Street (PIN 0742367712)

The agent for this project is: Matthew Carpenter and Paul Munana

☐ I am the owner of the property and will be acting as my own agent

Agent Name: Matthew Carpenter and Paul Munana

Address: 301 Fayetteville Street, Suite 1400, Raleigh, NC 27601

Telephone Number: 919-835-4032

E-Mail Address: MatthewCarpenter@parkerpoe.com

Signature(s) of Owner(s)* DocuSigned by: Paul Munana 080E15047D0B44A...

_____ _____

Type or print name Date

_____

_____ _____

Type or print name Date

Attach additional sheets if there are additional owners.

*Owner of record as shown on the latest equalized assessment rolls of Wake County. An option to purchase does not constitute ownership. If ownership has been recently transferred, a copy of the deed must accompany this authorization.

Pursuant to Article 40 of Chapter 66 of the North Carolina General Statutes (the Uniform Electronic Transactions Act) this application and all documents related hereto containing an electronic or digitized signature are legally binding in the same manner as are hard copy documents executed by hand signature. The parties hereby consent to use electronic or digitized signatures in accordance with the Town's Electronic Signature Policy and intend to be bound by the application and any related documents. If electronic signatures are used the application shall be delivered in an electronic record capable of retention by the recipient at the time of receipt.

AFFIDAVIT OF OWNERSHIP

Application #: 25CZ24 Submittal Date: _____

The undersigned, Matthew J. Carpenter (the "Affiant") first being duly sworn, hereby swears or affirms as follows:

1. Affiant is over eighteen (18) years of age and authorized to make this Affidavit. The Affiaor is the authorized agent of all owners of the property legally described in Exhibit A attached hereto and incorporated herein (the "Property").

2. This Affidavit of Ownership is made for the purpose of filing an application for development approval with the Town of Apex.

3. Affiant possesses documentation indicating the agency relationship granting the Affiant the authority to apply for development approval on behalf of the owner(s).

4. To Affiant's actual knowledge, no claim or action has been brought against owners which questions title or right to possession of the property, nor is any claim or action pending against Affiant or owners in court regarding possession of the Property.

This the 24th day of November, 2025.

_____ (seal)
Matthew J. Carpenter
Type or print name

STATE OF NORTH CAROLINA
COUNTY OF Wake

I, the undersigned, a Notary Public in and for the County of Wake, hereby certify that Matthew Carpenter, Affiant, personally known to me or known to me by said Affiant's presentation of said Affiant's N/A, personally appeared before me this day and acknowledged the due and voluntary execution of the foregoing Affidavit.

DAITWAN HARDY
NOTARY
My Comm. Exp.
2ND SEPT 2030
PUBLIC
WAKE COUNTY, NC
[NOTARY SEAL]

_____
Notary Public
State of North Carolina
My Commission Expires: 2nd Sept. 2030

AFFIDAVIT OF OWNERSHIP: EXHIBIT A – LEGAL DESCRIPTION

Application #: 25CZ24 Submittal Date:

Insert legal description below.

See attached

Canoy Surveying
Adam Canoy, PLS
1154 Shonele Ln
Stem, NC 27581
984.377.2626
canoysurveying@gmail.com

Metes and bounds description of lands located in White Oak Township in Wake County, 1409-1201 N Salem St, Apex, NC

Beginning at an iron pipe found, being the northwest corner of DLG Holdings LLC property as described in deed book 17929, at page 1179 and along the right of way of All Wheel Drive, as described in book of maps 2019, at page 1330 in the Wake County registry, beginning point having NC GRID NAD83(2011) coordinates of, N: 726,807.83 E: 2,042,917.78';

Thence from said point of beginning along and with the right of way of All Wheel Drive, S 87°29'09" E a distance of 132.05' to an iron pipe found;

Thence along and with said right of way, S 89°20'15" E a distance of 244.31' to a computed point;

Thence along and with said right of way, S 89°20'15" E a distance of 186.80' to an iron pipe found, being the northeast corner of DLG Holdings LLC and the northwest corner of Geraldine L Gilbert Heirs as described in book of maps 2019, at page 1330 at the Wake County Registry;

thence along with said right of way, S 89°26'05" E a distance of 134.93' to an iron pipe found, the northeast corner of Gilbert heirs and the northwest corner of Merit Group LLC property as described in deed book 20042, at page 1629 at the Wake County Registry;

thence along and with said right of way, S 89°19'38" E a distance of 339.94' to a computed point near the intersection of All Wheel Drive and N Salem St, as described in book of maps 2019 at page 1330 at the Wake County Registry;

thence along and with said right of way, S 20°13'14" E a distance of 5.00' to a computed point at the aforementioned intersection;

thence along and with said right of way, S 73°51'24" E a distance of 18.57' to a computed point at along the right of way of N Salem St at the aforementioned intersection;

thence along and with the right of way of N Salem St, S 17°03'47" E a distance of 76.57' to an iron pipe found, being the southeast corner of Merit Group LLC property and the Northeast corner of John Huber property as described in deed book 20042, at page 1629;

Canoy Surveying
Adam Canoy, PLS
1154 Shonele Ln
Stem, NC 27581
984.377.2626
canoysurveying@gmail.com

thence along and with said right of way, S 20°17'05" E a distance of 83.82' to a computed point, being the southeast corner of John Huber property and the Northeast corner of DLG Holdings LLC property as described in book of maps 1982, at page 145 at the Wake County Registry;

thence along and with said right of way, S 20°20'11" E a distance of 85.11' to an iron pipe found, the northeast corner of June N Thompson property and the southeast corner of DLG Holdings LLC property as described in book of maps 1982, at page 145 at the Wake County Registry;

thence along and with said right of way, S 20°01'41" E a distance of 106.14' to an iron pipe found;

thence along and with said right of way, S 20°35'35" E a distance of 361.94' to an iron pipe found, the southeast corner of June N Thompson property and the northeast corner of Andrew Burgess Jr and Elizabeth Burgess Chappell property;

thence along and with said right of way, S 19°55'43" E a distance of 126.92' to an iron pipe found;

thence along and with said right of way, S 20°00'13" E a distance of 42.64' to an iron pipe found;

thence along and with said right of way S 19°48'13" E a distance of 166.44' to a computed point;

thence leaving the right of way of N Salem St, along and with the southern property line of Andrew Burgess Jr and Elizabeth Burgess Chappell property and the northern line of the Haddon Place subdivision, as described in book of maps 1995, at page 1420, S 82°16'18" W a distance of 901.47' to an iron pipe found;

thence along and with the line of Haddon Place subdivision, Burgess and Chappell property, and DLG Holdings LLC property as described in book of maps 1999, at page 741 in the Wake County Registry, N 72°06'22" W a distance of 700.32' to an iron pipe found;

thence along the eastern line of Haddon Hall phase VIII and the western line of DLG Holdings LLC as described in book of maps 2000, at page 2110 in the Wake County Registry, N 02°17'31" E a distance of 359.39' to an iron pipe found;

thence continuing along the Haddon Hall subdivision and DLG Holdings LLC property, N 03°16'41" E a distance of 409.50' to an iron pipe found;

Canoy Surveying
Adam Canoy, PLS
1154 Shonele Ln
Stem, NC 27581
984.377.2626
canoysurveying@gmail.com

thence along the southern line of Joy Chiu Yin Huang property as described in deed 17443 at page 357 and the northern line of DLG Holdings LLC property, S 87°26'34" E a distance of 98.99' to an iron rebar found;

thence along the eastern line of Huang property and DLG Holdings LLC property N 02°27'28" E a distance of 154.79' to an iron pipe found;

which is the point of beginning,

having an area of 1408960 square feet, 32.34 acres

For further description see the following book of maps, BM 2019, PG 1330; BM 2009, PG 240; BM 2003, PG 1415; BM 2001, PG 1365; BM 2000, PG 2110; 1999, PG 741; BM 1997, PG 1683; BM 1989, PG 1113; BM 1982, PG 145; all in the Wake County register of deeds. Said properties being bounded on the north by All Wheel Drive, On the East by N Salem St, on the South by Haddon Place subdivision, and on the West by Haddon Hall phase VIII subdivision.

REIDS: 0032695, 0024908, 0089492, 0453258, 0453257, 0025769, 0365408, 0365407, 0365406, 0024401, 0031293, 0365409, 0025706, 0025767, 0256583, 0184158

PINS: 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712

WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Wake County Residential Development Notification

Please complete each section of this form and submit with your application.

Please complete each section of this form and submit with your application.

Please send any questions about this form to: studentassignment-gis-group@wcpss.net.

Developer Company *Information*	
Company *Name*	Merit Group, LLC c/o Matthew Carpenter
Company Phone *Number*	919-835-4032
Developer Representative *Name*	Matthew Carpenter
Developer Representative *Phone Number*	919-835-4032
Developer Representative *Email*	matthewcarpenter@parkerpoe.com

New Residential Subdivision *Information*	
Date of Application for Subdivision	TBD
City, Town or Wake County Jurisdiction	White Oak
Name of Subdivision	TBD
Address of Subdivision (if unknown enter nearest cross streets)	N. Salem Street/All Wheel Drive
REID(s)	See attached
PIN(s)	See attached

Projected Dates *Information*	
Subdivision *Completion Date*	
Subdivision *Projected First Occupancy Date*	

Lot by Lot Development *Information*

Unit Type	Total # of Units	Senior Living	Studio	1 Bedroom	2 Bedroom	3 Bedroom	4 Bedroom	Square Foot Range		Price Range		Anticipated Completion Units & Dates					
								Min	Max	Low	High	Year	# Units	Year	# Units	Year	# Units
Single Family																	
Townhomes	175				87	88								2029			
Condos																	
Apartments	285			95	95	95								2029			
Other																	

Revised 08/10/2018

NOTICE OF NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

November 6, 2025

Date

Dear Neighbor:

You are invited to a neighborhood meeting to review and discuss the development proposal at

See attached Exhibit A	See attached Exhibit A
Address(es)	PIN(s)

in accordance with the Town of Apex Neighborhood Meeting procedures. This meeting is intended to be a way for the applicant to discuss the project and review the proposed plans with adjacent neighbors and neighborhood organizations before the submittal of an application to the Town. This provides neighbors an opportunity to raise questions and discuss any concerns about the impacts of the project before it is officially submitted. If you are unable to attend, please refer to the Project Contact Information page for ways to contact the applicant. Notified neighbors may request that the applicant provide updates and send plans via email or mail. Once an application has been submitted to the Town, it may be tracked using the Interactive Development Map or the Apex Development Report located on the Town of Apex website at http://www.apexnc.org/180. Applications for Rezoning must hold a second Neighborhood Meeting in the month prior to the anticipated public hearing date.

A Neighborhood Meeting is required because this project includes (check all that apply):

	Application Type	Approving Authority
☑	Rezoning (including Planned Unit Development)	Town Council
☐	Major Site Plan	Technical Review Committee (staff)
☐	Minor Site Plan for the uses "Day care facility", "Government service", "School, public or private", "Restaurant, drive-through", or "Convenience store with gas sales"	Technical Review Committee (staff)
☐	Special Use Permit	Board of Adjustment (QJPH*)
☐	Residential Master Subdivision Plan (excludes exempt subdivisions)	Technical Review Committee (staff)

*Quasi-Judicial Public Hearing: The Board of Adjustment cannot discuss the project prior to the public hearing.

The following is a description of the proposal including any proposed long range plan amendments (also see attached map(s) and/or plan sheet(s)):

The proposal is to rezone the property to Planned Unit Development Conditional (PUD-CZ) to permit a mixed-use development with a mix of housing types and non-residential uses as shown on the Preliminary Concept Plan.

Estimated submittal date: December 1, 2025

MEETING INFORMATION:

Property Owner(s) name(s):	See attached Exhibit A
Applicant(s):	Merit Group, LLC c/o Matthew J. Carpenter
Contact information (email/phone):	matthewcarpenter@parkerpoe.com; (919) 835-4032
Meeting Address:	Virtual (Zoom) - See attached notice letter
Date/Time of meeting**:	November 20, 2025

Welcome: 5:30 PM Project Presentation: between 5:30 - 6:30 PM Question & Answer: between 5:30 - 6:30 PM

**Meetings shall occur between 5:00 p.m.-9:00 p.m. on a Monday through Thursday (excluding Town recognized holidays). If you have questions about the general process for this application, please contact the Planning Department at 919-249-3426. You may also find information about the Apex Planning Department and on-going planning efforts at http://www.apexnc.org/180.

Parker Poe
Attorneys & Counselors at Law

To: Neighboring Property Owners and Tenants
From: Matthew J. Carpenter
Date: November 6, 2025

Re: Notice of Virtual Neighborhood Meeting

You are invited to attend a virtual neighborhood meeting on November 20, 2025 at 5:30 PM to discuss an upcoming application to rezone an approximately 32.3-acre assemblage located at 0 N. Salem Street (PIN: 0742362719), 0 N. Salem Street (PIN: 0742366306), 0 N. Salem Street (PIN: 0742362432), 0 N. Salem Street (PIN: 0742350909), 0 N. Salem Street (PIN: 0742353848), 0 N. Salem Street (PIN: 0742363799), 1201 N. Salem Street (PIN: 0742358857), 1205 N. Salem Street (PIN: 0742366583), 1207 N. Salem Street (PIN: 0742363169), 1301 N. Salem Street (PIN: 0742369278), 1303 N. Salem Street (PIN: 0742369479), 1401 N. Salem Street (PIN: 0742368697), 1403 N. Salem Street (PIN: 0742367712), 1405 N. Salem Street (PIN: 0742365731), 1409 N. Salem Street (PIN: 0742360631), and 0 Charlion Downs Lane (PIN: 0742268387) from Residential Agricultural (RA), Rural Residential (RR), and Planned Commercial-Conditional Zoning (PC-CZ) to Planned Unit Development-Conditional Zoning (PUD-CZ) to permit a mixed-use development with a mix of housing types and non-residential uses.

During the meeting, the applicant will describe the nature of the rezoning request and field any questions from the public. Enclosed are: (1) a vicinity map outlining the location of the property; (2) a zoning map of the area; (3) a preliminary PUD concept plan; (4) a project contact information sheet; and (5) a common construction issues & who to call information sheet.

The meeting will be held virtually. You can participate online via Zoom or by telephone. To participate in the online Zoom meeting:

Visit:	https://zoom.us./join
Enter the following meeting ID:	892 4774 4167
Enter the following password:	149281

To participate by telephone:

Dial:	1 929 205 6099
Enter the following meeting ID:	892 4774 4167 #
Enter the Participant ID:	#
Enter the Meeting password:	149281 #

If you have any questions about this rezoning, please contact me at (919) 835-4032 or via email at matthewcarpenter@parkerpoe.com.

Sincerely,

Matthew J. Carpenter

0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

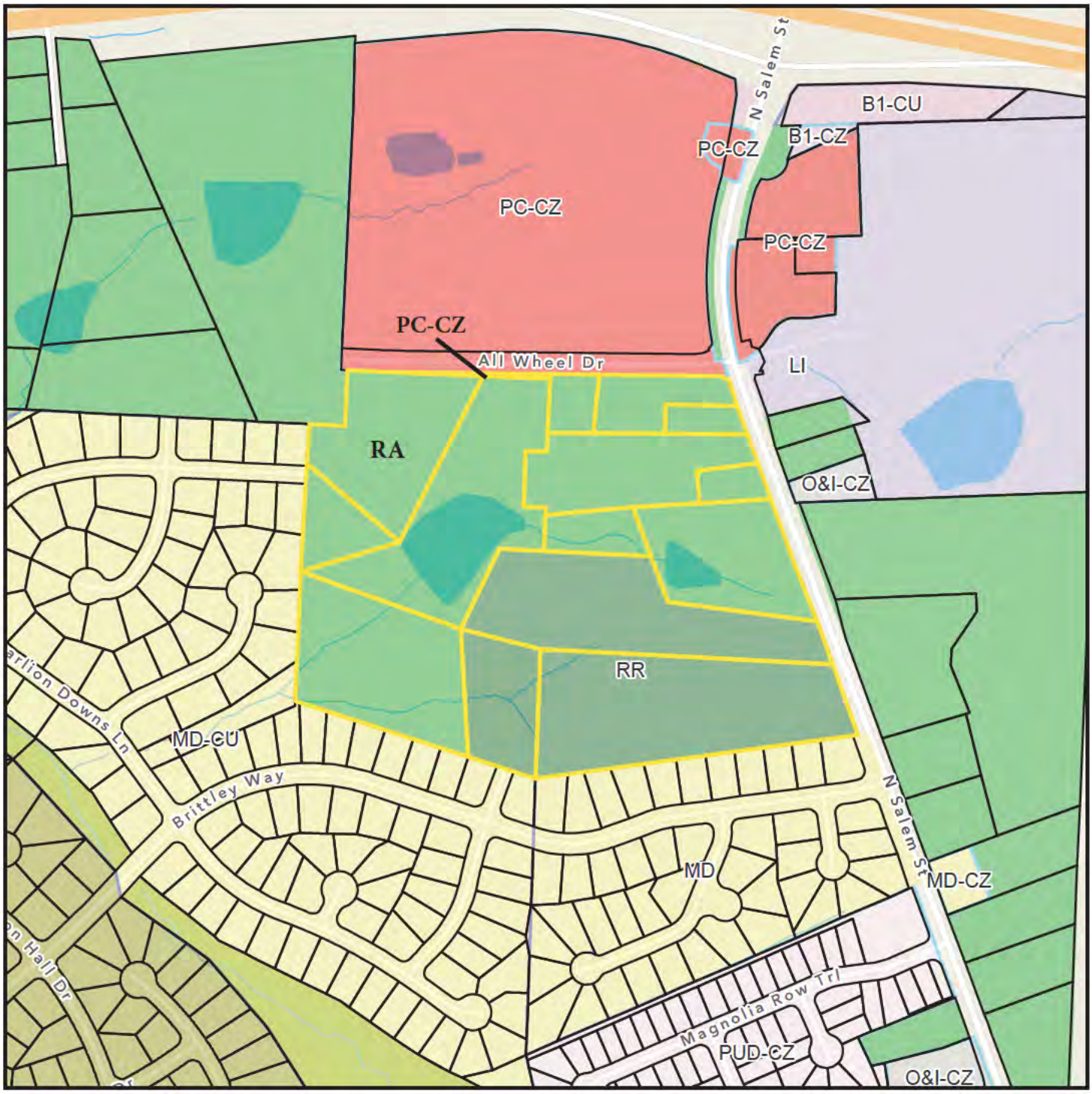
Vicinity Map

0 200 400 800 ft

1 inch equals 400 feet

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*



0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

Zoning Map

0 200 400 800 ft

1 inch equals 400 feet

Current Zoning: RA, RR, PC-CZ

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*

SITE LEGEND

- PROPERTY L NE
- SETBACK/BUFFER L NE
- 50' TOWN OF APEX RIPARIAN BUFFER
- LOCAL STREET
- ACTIVE RECREATION AREA/PLAY LAWN
- VEHICULAR ACCESS
- 10' ROW DEDICATION
- EXISTING WELAND
- RESOURCE CONSERVATION AREA (MINIMUM OF 20% OF SITE AREA)
- ACTIVE RECREATION AREA
- MULTI-FAMILY (APARTMENTS)
- MULTI-FAMILY APARTMENTS; NON-RESIDENTIAL
- TOWNHOUSES

NOTES

1. ALL ZONING PLAN SHEETS ARE INTENDED FOR LLUSTRATIVE PURPOSES ONLY. FINAL DESIGN COMPONENTS SHALL BE DETERMINED DURING THE M NOR SITE PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZON NG CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN C RCULATION ARE CONCEPTUAL AND SHALL BE FINALIZED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. TREE PROTECTION FENCING SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UN FIED DEVELOPMENT ORDINANCE.
5. ALL PARK NG STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UN FIED DEVELOPMENT ORDINANCE.
6. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE FINALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
7. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTA NED N ACCORDANCE WITH THE TOWN OF APEX'S UN FIED DEVELOPMENT ORDINANCE.
8. SITE ELEMENTS REQUIRED TO SATISFY RECREATIONAL REQUIREMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND N THE TOWN OF APEX STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS AND THE REQU REMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
9. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHT NG, LANDSCAPING, SCREENING, SITE STABILIZATION (SEEDING), PARKING, AND PAVEMENT MARK NG, MUST BE COMPLETED PRIOR TO SCHEDULING A FINAL SITE INSPECTION.

UTILITY NOTES

1. THIS PROJECT IS REQUEST NG FULL TOWN SERVICES, INCLUDING BUT NOT LIMITED TO, WATER, SEWER AND ELECTRICITY.
2. THE SITE WILL NOT UTILIZE PRIVATE SEWAGE DISPOSAL SYSTEMS.
3. ALL UTILITY EASEMENTS SHALL BE PROVIDED AS NECESSARY. EXACT LOCATION SHALL BE DETERM NED AT THE T ME OF CONSTRUCTION DRAW NGS.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF APEX STANDARDS AND SPECIFICATIONS.
5. ALL WATER AND SEWER MAINS WITHIN THE PUBLIC EASEMENTS SHALL BE OWNED, OPERATED, AND MA NTAINED BY THE TOWN OF APEX.

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

Kimley»Horn

© 2025 K MLEY-HORN AND ASSOCIATES, INC.
#F-0102 WWW.KIMLEY-HORN.COM PHONE: 984-212-4572
1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
PRELIMINARY
NOT FOR CONSTRUCTION
C. ZUMMALT

KHA PROJECT	00000000
DATE	12/01/2025
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

PRELIMINARY SITE LAYOUT

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C3.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C3.0 October 21, 2025 02:21:22pm K:\HSP - LDEV\ Marketing\Merit Group LLC\N. Salem Street - Apex\Rezoning\07_CAD Files\Phase 1\Plan Sheets\C3.0 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT CONTACT INFORMATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Development Contacts:

Project Name: N. Salem Street Mixed-Use Zoning: Residential Agricultural (RA); Rural Residential (RR); & Planned Commercial-Conditional Zoning (PC-CZ)

Location: See attached Exhibit A

Property PIN(s): See attached Exhibit A Acreage/Square Feet: 32.36 acres

Property Owner: See attached Exhibit A

Address:

City: State: Zip:

Phone: Email:

Developer: Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Engineer: Kimley-Horn; attn. Bob Zumwalt

Address: 1070 S. Main Street, Suite 230

City: Holly Springs State: NC Zip: 27540

Phone: (919) 475-7314 Fax: n/a Email: bob.zumwalt@kimley-horn.com

Builder (if known): Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Please note that Town staff will not have complete information about a proposed development until the application is submitted for review. If you have a question about Town development standards and how they relate to the proposed development, please contact the appropriate staff person listed below.

Town of Apex Department Contacts	
Planning Department Main Number (Provide development name or location to be routed to correct planner)	(919) 249-3426
Parks, Recreation & Cultural Resources Department Angela Reincke, Parks Planning Manager	(919) 372-7468
Transportation & Infrastructure Development Russell Dalton, Traffic Engineering Manager	(919) 249-3358
Water Resources Department Jessica Bolin, Environmental Engineering Manager (Stormwater, Sedimentation & Erosion Control) Matt Reker, Utility Engineer/FOG Program Manager (Water & Sewer)	(919) 249-3537 (919) 946-4394
Electric Utilities Division Jared Harris, Electric Technical Services Manager	(919) 372-7466

Exhibit A

N. Salem Street Mixed-Use
Owner Information Addendum

PIN 0742367712
Address: 1403 N. Salem St.
Owner: Ronald & Jody Keye
Acreage: 1.06 acre
Current Zoning: Residential Agricultural

PIN 0742368697
Address: 1401 N. Salem St.
Owner: John Huber
Acreage: 0.39 acre
Current Zoning: Residential Agricultural

PIN 0742365731
Address: 1405 N. Salem St.
Owner: Geraldine Gilbert Heirs
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742366583
Address: 1205 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 2.54 acres
Current Zoning: Residential Agricultural

PIN 0742369479
Address: 1303 N. Salem St.
Owner: June Thompson
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742369278
Address: 1301 N. Salem St.
Owner: June Thompson
Acreage: 2.80 acres
Current Zoning: Residential Agricultural

PIN 0742363169
Address: 1207 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 4.46 acres
Current Zoning: Rural Residential

PIN 0742358857
Address: 1201 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 5.34 acres
Current Zoning: Rural Residential

PIN 0742353848
Address: 0 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 1.67 acres
Current Zoning: Rural Residential

PIN 0742350909
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.77 acres
Current Zoning: Residential Agricultural

PIN 0742362432
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 4.59 acres
Current Zoning: Residential Agricultural

PIN 0742366306
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.73 acre
Current Zoning: Residential Agricultural

PIN 0742268387
Address: 0 Charlion Downs Ln
Owner: DLG HOLDINGS LLC
Acreage: 0.93 acre
Current Zoning: Residential Agricultural

PIN 0742360631
Address: 1409 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.06 acres
Current Zoning: Residential Agricultural

PIN 0742362719
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.02 acre
Current Zoning: PC-CZ

PIN 0742363799
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.04 acre
Current Zoning: PC-CZ

COMMON CONSTRUCTION ISSUES & WHO TO CALL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Noise & Hours of Construction:	Non-Emergency Police	919-362-8661

Noise from tree removal, grading, excavating, paving, and building structures is a routine part of the construction process. The Town generally limits construction hours from 7:00 am to 8:30 pm so that there are quiet times even during the construction process. Note that construction outside of these hours is allowed with special permission from the Town when it makes more sense to have the construction occur at night, often to avoid traffic issues. In addition, the Town limits hours of blasting rock to Monday-Friday from 8:00 am to 5:00 pm. Report violations of construction hours and other noise complaints to the Non-Emergency Police phone number at 919-362-8661.

Construction Traffic:	Infrastructure Inspections	919-249-3386

Construction truck traffic will be heavy throughout the development process, including but not limited to removal of trees from site, loads of dirt coming in and/or out of the site, construction materials such as brick and wood brought to the site, asphalt and concrete trucks come in to pave, etc. The Town requires a construction entrance that is graveled to try to prevent as much dirt from leaving the site as possible. If dirt does get into the road, the Town can require they clean the street (see "Dirt in the Road" below).

Road Damage & Traffic Control:	Infrastructure Inspections	919-249-3386

There can be issues with roadway damage, roadway improvements, and traffic control. Potholes, rutting, inadequate lanes/signing/striping, poor traffic control, blocked sidewalks/paths are all common issues that should be reported to Transportation & Infrastructure Development – Infrastructure Inspections at 919-249-1109. The Town will get NCDOT involved if needed.

Parking Violations:	Non-Emergency Police	919-362-8661

Unless a neighbor gives permission, there should be no construction parking in neighbors' driveways or on their property. Note that parking in the right-of-way is allowed, but Town regulations prohibit parking within 15 feet of driveways so as not to block sight triangles. Trespassing and parking complaints should be reported to the Non-Emergency Police phone number at 919-362-8661.

Dirt in the Road:	Water Resources	919-362-8166

Sediment (dirt) and mud gets into the existing roads due to rain events and/or vehicle traffic. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleaning of the roadways with the developer.

Dirt on Properties or in Streams:	Water Resources	919-362-8166

Sediment (dirt) can leave the site and get onto adjacent properties or into streams and stream buffers; it is typically transported off-site by rain events. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the appropriate repairs with the developer.

Dust:	Water Resources	919-362-8166

During dry weather dust often becomes a problem blowing into existing neighborhoods or roadways. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the use of water trucks onsite with the grading contractor to help control the dust.

Trash:	Water Resources	919-362-8166

Excessive garbage and construction debris can blow around on a site or even off of the site. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleanup and trash collection with the developer/home builder.

Temporary Sediment Basins:	Water Resources	919-362-8166

Temporary sediment basins during construction (prior to the conversion to the final stormwater pond) are often quite unattractive. Concerns should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that he can coordinate the cleaning and/or mowing of the slopes and bottom of the pond with the developer.

Stormwater Control Measures:	Water Resources	919-362-8166

Post-construction concerns related to Stormwater Control Measures (typically a stormwater pond) such as conversion and long-term maintenance should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed.

Electric Utility Installation:	Electric Utilities	919-249-3531

Concerns with electric utility installation can be addressed by the Apex Electric Utilities Department.

NEIGHBORHOOD MEETING SIGN-IN SHEET

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Meeting Address: Virtual via Zoom

Date of meeting: November 20, 2025 Time of meeting: 5:30

Property Owner(s) name(s): See Exhibit A

Applicant(s): Merit Group, LLC

Please print your name below, state your address and/or affiliation with a neighborhood group, and provide your phone number and email address. Providing your name below does not represent support or opposition to the project; it is for documentation purposes only. For virtual meetings, applicants must include all known participants and request the information below.

	NAME/ORGANIZATION	ADDRESS	PHONE #	EMAIL	SEND PLANS & UPDATES
1.	See Attached				☐
2.					☐
3.					☐
4.					☐
5.					☐
6.					☐
7.					☐
8.					☐
9.					☐
10.					☐
11.					☐
12.					☐
13.					☐
14.					☐

Use additional sheets, if necessary.

Neighborhood Meeting Attendee List
N. Salem Street Mixed Use PUD

Name (original name)	Email
Allison Keelor	[redacted]
Ann Hornack	[redacted]
Ann Marie Taepke	[redacted]
Bill Goss	[redacted]
Bob Muzzi	[redacted]
Bob Zumwalt	[redacted]
Brandon Black	[redacted]
Brian Adkins	[redacted]
Bryan J (Bryan's iphone)	[redacted]
Carolyn Facemire	[redacted]
cherri	[redacted]
Cheryl Stallings	[redacted]
Christine Jensen	[redacted]
Christine Wilson	[redacted]
Christopher A	[redacted]
Dean Sourial	[redacted]
Emily F	[redacted]
Frances Williams	[redacted]
Francisco	[redacted]
Glen Deal	[redacted]
Hunter Forstchen	[redacted]
iPhone (8)	[redacted]
J Hall	[redacted]
Jasmine Fong	[redacted]
Jason Stanko	[redacted]
Javier Bravo	[redacted]
Jessica Conklin	[redacted]
John Huber	[redacted]
Karen Caristo	[redacted]
Karen La	[redacted]
kim wise	[redacted]
Konrad Wisniewski	[redacted]
Korene Alaimo	[redacted]
L F	[redacted]
Laura Buffington	[redacted]
Laura Steinkellner	[redacted]
Lindsay Keane	[redacted]
Liz	[redacted]
Liz Mullins	[redacted]
Lyn Lowery	[redacted]
Marcie Longo	[redacted]
Mark Henderson	[redacted]
Matt Jaquillard	[redacted]
Matthew J. Carpenter (PPAB Land Use) (Host)	[redacted]
Michael Keefe	[redacted]
Patricia Sudar	[redacted]
Paul Munana	[redacted]
Paul Murray	[redacted]
Rick Felice	[redacted]
Robert Evans	[redacted]
Ron Melzer	[redacted]
Rosemary Trakadas	[redacted]
Ryann Griffin	[redacted]
Sasha and Javier Bravo	[redacted]
scott	[redacted]
Shawn Clark	[redacted]
Steve Lane	[redacted]
Stuart Hurwitz	[redacted]
Tamara Merkouris	[redacted]
Terry Oliver	[redacted]
Tina	[redacted]
Tom Green	[redacted]
Troy McDaniel	[redacted]
Victoria C	[redacted]

SUMMARY OF DISCUSSION FROM THE NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Property Owner(s) name(s): See Exhibit A

Applicant(s): Merit Group, LLC

Contact information (email/phone): _____

Meeting Address: Virtual via Zoom

Date of meeting: November 20, 2025 Time of meeting: 5:30

Please summarize the questions/comments and your responses from the Neighborhood Meeting or emails/phone calls received in the spaces below (attach additional sheets, if necessary). Please state if/how the project has been modified in response to any concerns. The response should not be "Noted" or "No Response". There has to be documentation of what consideration the neighbor's concern was given and justification for why no change was deemed warranted.

Question/Concern #1:
See attached

Applicant's Response:
See attached

Question/Concern #2:
See attached

Applicant's Response:
See attached

Question/Concern #3:
See attached

Applicant's Response:
See attached

Question/Concern #4:
See attached

Applicant's Response:
See attached

Summary of Neighborhood Meeting
N. Salem Street Mixed Use PUD
November 20, 2025

I. WELCOME
   a. Introduction of Development Team
      i. Matthew Carpenter w/Parker Poe
      ii. Paul Munana and Rick Felice, w/ Merit Group, LLC, the developer
      iii. Bob Zumwalt w/ Kimley-Horn, our landscape architect
   b. Explanation of process. This is the pre-filing neighborhood meeting for a potential rezoning request, the very first step in a long development process. So, the purpose of tonight's meeting is to explain our plans and take your feedback into consideration as we put together our rezoning application.

II. PRESENTATION
   a. Site Overview - location, environmental constraints of the site, and existing uses adjacent.
   b. Existing and Proposed Zoning
      i. The current zoning is Residential Agricultural, Rural Residential, and Planned Commercial Conditional. The proposed zoning district is Planned Unit Development Conditional (PUD-CZ).
      ii. The purpose of the PUD district is to provide - especially for large mixed-use projects - site specific zoning conditions that result in a high quality project.
   c. 2045 Land Use Map (LUM) Designation
      i. The LUM is the primary policy document the Town uses to evaluate rezoning requests. This property is designated as Mixed Use since it has multicolor striped areas with three or more uses. These uses include Office Employment, Commercial Services, Medium Density Residential, and High Density Residential. The LUM recommends higher density residential uses to be located in the northern portion of the assemblage.
      ii. Here, we started with the LUM designations and worked backwards from there to develop our PUD Concept Plan.
   d. Current PUD Plan
      i. The current plan is to have five districts, each with different permitted uses and development standards. The MU-1 district will permit non-residential and multi-family residential. The MF-3 district will permit multi-family residential. The MR-2 district will permit multi-family and townhomes. While the districts TH-4 and TH-5 district will only permit townhomes.
      ii. The goal is to transition density and intensity down across the site from the intersection of All Wheel Drive and N. Salem Street to the existing single-family neighborhoods to the west and south.
      iii. On the west side, there is a large existing pond that may remain and a stream and riparian buffer. This area will likely remain undeveloped (other than stormwater and utility infrastructure) which will provide some separation between the project and existing neighborhoods.

iv. We're showing a vehicular connection to the stub at Frenchurch Way which is required by the Town's UDO. At Charlion Downs Ln, we're proposing to terminate the street into a cul-de-sac and provide a pedestrian connection through the site. The baseline UDO requirement is that connectivity is required, so we are asking the Town for a modification to permit the cul-de-sac.

e. Rezoning Process and Timeline
   i. As I mentioned, this is the very first step in the rezoning process.
   ii. After this meeting, the next step is application submittal which will likely be December 1, 2025.
   iii. After submittal, the application will be reviewed by Town staff from each department. Staff will provide comments and we will revise our application and resubmit until all staff comments have been addressed.
   iv. After staff comments have been addressed, the case will go to Planning Board. Planning Board will hold a public hearing, review the case, and make a recommendation to Town Council.
   v. Following the Planning Board meeting, Town Council will hold a public hearing and make the final decision on the rezoning. The full process will likely take six months or more.

III. QUESTION AND ANSWER SESSION

a. What is the intended height of these structures?

i. The tallest structures will be located in the MU-1 district and will likely be 5 to 6 stories. The TH-4 and TH-5 districts will likely have a maximum height of 3 stories with the intention being for a transition to the single-family homes in Haddon Place. The MF-3 district will likely have a maximum height of 4 or 5 stories depending on grade, and the MR-2 district will likely be 3 stories. These heights have not been finalized, but will be included in the PUD Text when we submit the rezoning application.

b. I noticed that the zone labeled "TH-5" on this map does not have an area labeled as "wetland" on it but the one we got in the mail did. Why did that change?

i. As part of the rezoning we are required to have an environmental consultant evaluate the streams and wetlands on the property and request a determination from the US Army Corps of Engineers in collaboration with Town staff. The Corps and Town staff will determine whether the streams and wetlands are jurisdictional (need to be preserved) or non-jurisdictional (do not need to be preserved). Until then we are relying on the environmental features shown on GIS, which are not always accurate, so we removed the wetland label to avoid confusion.

c. What do those oval areas with dots in the green area represent?

i. These are likely wetlands as shown on GIS.

d. Who determines impact to traffic on Salem and through Haddon Hall

i. The applicant is required to pay a transportation engineer to prepare a Traffic Impact Analysis (TIA). The TIA is scoped with Town staff and NCDOT before it is completed. It analyzes the expected trips generated by the project, the likely location of those trips, and their interaction with existing traffic in the area. The TIA recommends road improvements to be completed by the developer to mitigate traffic generated by the project. After the TIA is complete, Town staff and NCDOT review the TIA and recommend road improvements to be completed and paid for by the developer. Those improvements are then included in the rezoning as rezoning conditions.

e. Do you have any idea on the number of units that will be built.

i. The current proposed number of units is 270 townhomes and 205 apartments. This is the maximum number of units in the zoning. The final unit count cannot be higher than the zoning maximums, but may be reduced at Site Plan/Master Subdivision when the site layout is engineered and all UDO requirements are accounted for (RCA, play lawns, parking, etc.).

f. On the map we received in the mail, along the Haddon Place area, it states the green square as an "active recreation area." Has the plan for that changed? What does an "active recreation area" mean?

i. The plan still includes open space in that area but is now generally labeled Resource Conservation Area. We're still working out exactly how this area will be designed. Also, it's important to note that this is just the preliminary concept plan. The plans will change and evolve as we work through the rezoning process.

g. Any consideration for larger single family homes which we are lacking in Apex vs townhomes in area TH 4 and TH 5.

i. Townhomes are required to achieve the density recommended by the 2045 Land Use Map. We likely could not meet the recommended density with just single-family homes. Although it feels like there are a ton of townhomes in Apex because townhomes have been constructed recently, Apex is still characterized by primarily single-family neighborhoods.

h. Does multifamily include 2 to 4 family homes?

i. When our plans refer to multifamily residential we mean apartment buildings.

i. Is the land already sold? If not, is sale contingent on rezoning?

i. The developer and owners of the parcels have executed a purchase and sale agreement.

j. What are the plans to accommodate traffic?

i. Under the UDO, we will have to widen the frontage along N. Salem Street and possibly All Wheel Drive to the ultimate section shown on the Town's long range Transportation Plan. And as discussed, we will have more required traffic improvements once the Town has reviewed the TIA. Overall, we will have to mitigate our traffic impacts.

k. Considering the current traffic from Thales, are there plans to expand or improve the roads to support this growth?

i. Thales queuing issues will be included in our TIA and our improvements might help to mitigate that. As shown on the plan, Street B could be a new route for Haddon Hall residents to get to the light at All Wheel Drive/N. Salem Street and avoid Thales traffic.

l. Is there a maximum height restriction associated with each zone? MU-1? MR-2? MF-3? TH-4? TH-5?

i. As mentioned previously, the MU-1 district and will likely be 5 to 6 stories, TH-4 and TH-5 districts will likely have a maximum height of 3 stories, MF-3 district will likely have a maximum height of 4 or 5 stories depending on grade, and the MR-2 district will likely be 3 stories.

m. Clarification on right-in and right-out to Street A from N. Salem Street.

i. This means that traffic existing onto N. Salem Street from Street A will only be able to turn right onto N. Salem Street. There will likely be a left turn lane install on N. Salem Street for northbound traffic to turn left into the development. These right-in and right-out traffic patterns help to prevent traffic congestion when driveways are proposed near existing driveways.

n. How will you work to address housing needs for people with different incomes in Apex (e.g., young families, seniors, teachers, public safety workers, health care workers, or Town employees)?

i. One way we are addressing affordability is by incorporating a mix product types, including townhomes with different square footages and pricing, and multifamily. Townhomes and apartments are inherently more affordable than single-family homes. As part of the rezoning process, we will also work with Town housing staff to discuss potential affordable housing conditions.

o. Why apartments and townhomes versus ranch style single homes?

i. As mentioned earlier, apartments and townhomes are the only residential options to achieve the density that the LUM recommends.

p. How do you intend to protect and preserve the existing old growth trees on the property?

i. As part of the rezoning process we will do a tree survey which will inform our decisions related to protecting existing trees. As mentioned the UDO requires 20% RCA and we pick this area based on the amount of tree coverage.

q. What do you intend to do to protect and preserve the existing wildlife on the property, particularly given that there have been numerous sightings of protected species on the property?

i. As we go through the rezoning process we will complete more studies related to the current environmental features of the site. The site is not undeveloped, it is cleared with several homes.

r. Concern related to the impact on property values on Brittley Way?

i. As part of the plan we have tried to transition down density and intensity near existing single-family homes on Brittley way. It is unclear that property values increase or decrease with adjacent development.

s. Why is the proposed buffer between Haddon Hall and the development only 20 feet? This is the bare minimum requirement.

i. The minimum required by the UDO is only 15 ft and we are currently committing to a 20 ft buffer. There are also stream buffers, ponds, and potential wetlands that will increase separation between existing homes in Haddon Hall and the project. Note that Haddon Hall was developed with no perimeter buffers; the single-family lots go all the way to the shared property line.

t. What is the impetus to alter the current zoning?

i. The 2045 LUM designates the site as mixed-use, with commercial over the whole site. We are requesting a change in the zoning district in order to achieve the density and mix of uses the LUM recommends while also being mindful of the existing adjacent uses.

u. Are all these units going to have the option to use our HOA amenities since the proposal has them connected to our neighborhood?

i. The residents of the proposed development cannot use neighboring HOA amenities without the HOA's permission. We are not trying to disturb neighboring HOAs or their amenities.

v. How will the current layout curtail people cutting through the neighborhood to avoid traffic?

i. The street connections through Haddon Hall are public rights of way and anyone can use them. Since they are public rights of ways traffic calming measures can be installed. However, we do not anticipate traffic from the site will cut through Haddon Hall since it will generally be quicker and easier to go to N. Salem Street and US-64.

w. What information can you provide on the buffer zones for TH-4 and TH-5.

i. As mentioned previously, the UDO requirement is 15 ft and we are currently committing to a 20 ft buffer.

x. What type of buffer and how large of a buffer for back of TH 4 and TH 5?

i. A 20 ft type "B" landscape buffer is currently proposed.

y. Timeline for excavating

i. It will likely be at least 2-3 years before any dirt is moved.

z. Concerns related to blasting.

i. Blasting will only be done of the site if it is determined that there is rock on site. It is too early in the process to know if there is rock on the site. There are strict requirements and regulations for blasting we must follow. However, we do not foresee the need for blasting.

aa. Will construction trucks be utilizing Brittley way Haddon Place as path to construction?

i. No, we intend to use All Wheel Drive for construction and we will not open the stub road to Brittley way until construction is finished. Additionally, we can discuss adding language to the PUD which will prohibit construction traffic on Brittley Way.

bb. What commitments are you willing to make on quality of materials, architecture, and long-term durability beyond the bare minimum?

i. As part of the rezoning process, Town staff will review the project and suggest certain architectural commitments as rezoning conditions. Staff typically recommends conditions that require high quality building materials. However, it should be noted that affordability and high architectural standards do not align and we have to account for this when committing to additional architectural standards.

cc. What is the proposed timeline to complete construction?

i. We expect the rezoning to take approximately 6-10 months. The next step is site plan review and subdivision plan review which will take an additional 6-7 months. Then we will have to complete construction drawings. Given this timeline and additional processes/permitting we anticipate it being at least 3 years before structures are built.

dd. How far down will N. Salem Street be widen?

i. We will widen just our frontage. If we were to go down and widen more of N. Salem it would require that land be taken from other owners whose property fronts N. Salem Street. As we widen N. Salem Street we will match frontage of Haddon Hall at the minimum.

ee. Will the Apartments will be condos or leased via an apartment management company? If the latter, has one been selected?

i. This is still undetermined.

ff. What type of assessment do you plan to conduct to account for school capacity

i. This has been an issue for several years and the county has made big strides in opening new schools in Apex which has taken some pressure off school capacity. As part of our rezoning application we will complete and submit a form to the Town which outlines the amount of our proposed residential uses. The Town will

give this form to the county who will review an issue a letter evaluating school capacity.

gg. There is some historic significance to Apex for certain properties in this site. Will that be considered in naming streets/complexes, etc.

i. The street naming process is completed later but we will take this into consideration during that time.

hh. How does your plan meet the intent to ensure compatibility with surrounding land uses and neighborhood character, rather than just maximizing unit count?

i. Surrounding land uses is why we have proposed townhomes on the southern portion of the site and the commercial uses on the northeast portion of the site. It is our intent to place the more intense uses near the Crossroads Ford and the less intense uses near surrounding residential neighborhoods to serve as a transition.

ii. What type of commercial businesses would you expect to be in those commercial offices?

i. We do not have a plan yet for the commercial businesses and no leases have been entered into. The developer will chose quality tenants over quantity. Additionally, in the PUD text we will have a list of non-residential uses that are permitted. The Town will review and give comments which may result in the number of permitted uses decreasing.

jj. Is there a chance the green areas will change or will those remain environmental sanction?

i. There is a possibility that they may change slightly throughout rezoning process. The final RCA is not platted until subdivision approval. However, given the existing pond we do not foresee it changing.

kk. Does the town requirement include sidewalks on the west side of the Salem Street?

i. Yes, the Town will require we construct a 10 ft side path on N. Salem Street and All Wheel Drive.

ll. Please explain why you are proposing placing multi-family homes (MF-3) adjacent to single family homes on Charlion Downs Lane.

i. This portion of the site is an interesting area because of intense use of Crossroads to the north and the less intense single-family homes to the west. We placed the multi-family use here since there is only 1 shared property line with this district. Additionally, there will be a 100 ft diameter from cul-de-sac where no buildings can be built.

mm. If the pond is found to be structurally unsound, would the land still remain part of the 20-25% conservation area?

i. Yes, our intent is to keep the pond because it is an amenity to the development. If the pond cannot remain, the area where it is located would not be developed given the environmental conditions.

nn. Will there be a meeting where we as residents have an actual input on these plans?

i. That is the intent of the meeting tonight. Another neighborhood meeting is required after we submit our rezoning application. Residents can also contact the development team with any questions.

oo. Who is responsible for rezoning approval for this development?

i. Apex Town Council.

pp. If Council asked you to reduce density or preserve more open space and wetlands, what specific changes could you commit to tonight?

i. We could not cannot commit to anything tonight because it is the start of process. Throughout the process will commit to things which met the policies of the Town while still making the project viable.

qq. Concern related to privacy of single-family homes.

i. We will take this into consideration when designing the layout of the townhomes.

rr. Are the townhomes going to be built exactly 15 feet from the property line?

i. No, the lot lines will start after perimeter buffer, which is currently 20 ft. There will also be a rear setback from the lot line in which no structures can be built.

ss. How do you plan to match the current aesthetic of the existing neighborhood?

i. Architectural and design standards are important to the Town and we will work with staff on these.

tt. How many traffic lights will be installed and where?

i. We are not sure yet as this is part of the TIA and Town will recommend signalization during review of the TIA.

uu. Has this developer does other areas near Apex that we can see, so we know what his developments look like?

i. The developer is Merit Group and we can compile and present some examples at the next meeting.

vv. Are you planning to pave over the streams shown on GIS?

i. No, we cannot pave over streams and there are also stream buffers. Additionally, not all streams shown on GIS are jurisdictional and we will work with the Army Corp and wetland consultant as part of the process to determine this.

ww. Is there any requirement to have any amount of common green space?

i. Yes, the UDO requires 25% of RCA and a play lawn where neighbors can assemble. This site will meet these requirements.

xx. Concerns related to lighting.

i. Town has updated lighting ordinance and which is very granular. We will meet all of these requirements.

yy. Concern related to impact on emergency response times.

i. All Town departments will coordinate and give feedback as part of the process. We cannot get this project approved without adequate emergency access.

zz. How many units will there be total? How many cars are being planned for with each unit?

i. The current proposed number of units is 270 townhomes and 205 apartments. We are unsure of the number of cars planned for each unit, but this is the unit count being used for the TIA.

aaa. What post construction monitoring will you support, for stormwater performances traffic, and environmental impacts, and what remedies will you consider if those impacts are worse than predicted?

i. Stormwater ponds have significant inspections and are continuously monitored after they are constructed. The Town can issue fines if a stormwater pond is out of compliance. We are not aware of ongoing traffic monitoring but will commitment to traffic improvements which must be completed before we can obtain a certificate of occupancy.

bbb. Are you able to share how is this development being funded?

i. We are unaware of how the development is being funded.

AFFIDAVIT OF CONDUCTING A NEIGHBORHOOD MEETING, SIGN-IN SHEET AND ISSUES/RESPONSES SUBMITTAL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

I, Matthew J. Carpenter, do hereby declare as follows:
Print Name

1. I have conducted a Neighborhood Meeting for the proposed Rezoning, Major Site Plan, Minor Site Plan, Residential Master Subdivision Plan, or Special Use Permit in accordance with UDO Sec. 2.2.7.B *Neighborhood Meeting*.

2. The meeting invitations were mailed to the Apex Planning Department, all property owners and tenants abutting and within 500 feet of the subject property and any neighborhood association that represents citizens in the notification area via first class mail a minimum of 14 days in advance of the Neighborhood Meeting.

3. The meeting was conducted at virtually via Zoom (location/address) on 11/20/2025 (date) from 5:30PM (start time) to 7:00 PM (end time).

4. I have included the mailing list, meeting invitation, sign-in sheet, issue/response summary, and zoning map/reduced plans with the application.

5. I have prepared these materials in good faith and to the best of my ability.

11/24/2025
Date

By: _____

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Matthew Carpenter, a Notary Public for the above State and County, on this the 24th day of September, 2025.

SEAL

DAITWAN HARDY
NOTARY
My Comm. Exp.
2ND SEPT 2030
PUBLIC
WAKE COUNTY, NC

_____
Notary Public

Daitwan Hardy
Print Name

My Commission Expires: 2nd Sept 2025

Part I – Residential AND Non-Residential For Apartment Buildings

The following apply to both Residential **and** Non-Residential developments:

	STORMWATER AND WATER CONSERVATION – WATER QUALITY	YES
1.	The project shall increase the riparian buffer width by at least ____ feet above the minimum required by the Unified Development Ordinance. The additional buffer width shall be measured from the top of bank on each side of the stream.	☐
2.	No clearing or land disturbance shall be permitted within the riparian buffer, except the minimum necessary to install required greenway and sewer infrastructure and SCM outlets. The SCM water storage and treatment area shall not be permitted within the riparian buffer. The infrastructure shall be designed to minimize impacts to the riparian buffer.	☐
3	No buffer averaging shall be allowed for Zone 3 of the riparian buffers.	☐
4.	The project shall install one (1) sign per SCM to reduce pet waste and prohibit fertilizer, in locations that are publicly accessible, such as adjacent to amenity centers, sidewalks, greenways, or side paths.	☑
5.	The project shall install a minimum of _____Low Impact Development Technique as defined and approved by the NC Department of Environmental Quality. The specific type of LID technique shall be reviewed and approved by the Water Resources Department at site or subdivision plan review.	☐
6.	At least ___SCM shall be designed and constructed to provide irrigation to the surrounding landscaping on site. The design shall be reviewed and approved by the Water Resources Department at site plan.	☐
7.	A ___-foot buffer shall be provided along existing, delineated wetlands that are to be preserved.	☐
8.	**Each option below is intended to be used as an improvement to the minimum UDO requirements. If an area is already required to mitigate the 25-year storm, option 7.b should not be selected.** a. Post-development peak runoff shall not exceed pre-development peak runoff for the 24-hour, 1-year, 10-year, 25-year and 100-year storm events in accordance with the Unified Development Ordinance. **OR** b. Post-development peak runoff shall not exceed pre-development peak runoff for the 24-hour, 1-year, 10-year, and 25-year storm events in accordance with the Unified Development Ordinance.	☐ ☐
	PLANTING AND LANDSCAPING Note: Invasive species are prohibited. Please see the Town's Design and Development Manual for a link to the list of prohibited species and for a list of suggested native species..	YES
9.	Preserve existing trees (percentage-based). Numbers shown may be changed based on project. The EAB's preference is for a minimum of 50%. The project shall preserve a minimum of _____% of the existing tree canopy. Where the project abuts adjacent developments, special effort shall be taken to locate the preserved trees adjacent to areas of existing preserved open space, including but not limited to, RCA, perimeter landscape buffers, riparian buffers, and/or HOA maintained open spaces.	☐

10.	Replace canopy (percentage- or DBH size-based) The project shall replace any large type trees, that measure 18-inches in caliper size or larger, and small type trees, that measure 8-inches in caliper size or larger, that are removed as a part of the development. The ratio of replacement shall be 1 large tree to 1 replacement tree. The UDO's required landscaping may be used to satisfy this requirement. To determine the number of trees that must be replaced, a tree survey for the full property shall be provided to the Planning Department. The survey shall be independently verified by a third-party licensed arborist. No further clearing shall be conducted for replacement planting if there is insufficient space.	☐
11.	To improve energy efficiency by providing shading, a combination of large and small deciduous shade trees shall be planted on the southern side of any buildings.	☐
12.	To improve energy efficiency, the project shall plant evergreen trees on the northern side of all buildings to act as a windbreak.	☐
13.	The project shall ensure that 70 % of the landscaping shall be native species, which shall provide diverse and abundant pollinator and bird food sources. Special attention shall be paid to providing diverse and abundant pollinator and bird food sources, including plants that bloom in succession from spring to fall. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.	☑
14.	The project shall increase biodiversity within perimeter buffers, common owned open space, and other landscape areas by providing a variety of native and adaptive species for canopy, understory and shrub levels. A minimum of _____% of the species selected shall be native to the eastern United States or a native of North Carolina.	☐
15.	No single species of native or adaptive vegetation shall constitute more than 20% of the plant material of its type within a single development site.	☑
16.	HOA covenants, conditions, and restrictions shall not prohibit clover or native grass mixed species lawns.	☐
17.	In order to support nesting and overwintering wildlife and pollinators, HOA covenants shall not require that fallen leaves or dormant plants be removed during the winter on areas without turf grass, including individual homes and HOA owned common areas.	☐
18.	To preserve and protect existing species, existing ponds shall be preserved if structurally sound. One pond to be preserved	☑
19.	Implements xeriscaping in design, which will use landscaping that requires less irrigation and chemical use. Contact Planning for assistance, if needed. The project commits to planting ___% drought tolerant plants, of which ___% of the plants selected shall be native. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.	☐
20.	To reduce irrigation requirements, the project shall select and plant only warm season grasses.	☐

21.	Improve soil quality for a variety of native and non-invasive plantings, reduce fertilizers, and reduce stormwater runoff, topsoil shall be retained on site and a minimum of 4 inches of topsoil shall be placed on each lot and within disturbed common areas.	☐
22.	Increase perimeter buffer requirements, especially in transitional areas (non-residential to residential areas), the project shall provide 5 additional feet of buffer width to that required by the UDO along the perimeter of the property. Along southern and western property lines	☑
23.	Reduce impacts to Resource Conservation Areas (RCAs). a. The project shall install signage adjacent to wooded or natural condition Resource Conservation Area. The signage shall indicate that the area is RCA and is to be preserved in perpetuity and not disturbed. A sign shall be installed every 100 linear feet along the boundary of the Resource Conservation Area, with each sign measuring at least 6 inches by 6 inches and mounted at a height of 4 feet above the ground. **OR** b. A farm-style split rail fence shall be installed where wooded or natural condition Resource Conservation Area (RCA) abuts individual residential lots.	☐ ☑
SUSTAINABLE BUILDINGS		**YES**
24.	The project shall be designed to meet the requirements for one of the green building certifications listed above. A third-party consultant shall be hired to evaluate the project and certify to the Town of Apex that the project meets the standards for the certification. The applicant shall forward a copy of the certification application to the Town of Apex Planning Department to verify that the application has been submitted.	☑ For Apartment Buildings

Part II – Residential

Residential applies to single-family dwellings and townhome subdivisions, but does not include the parking lots, exterior building lights, or exterior architecture.

STORMWATER AND WATER CONSERVATION – WATER QUALITY The Transportation & Infrastructure Development Department does not currently support these options within the right-of-way (ROW). These may be done on private sites, but not within the public ROW.		YES
25.	The project shall utilize pervious pavement when constructing the parking spaces for parking lot-style townhomes. The specific type of pervious pavement system shall be reviewed and approved by the Water Resources Department at site or subdivision plan review. The selected system shall be maintained by the developer and/or owner's association.	☐
26.	The project shall utilize pervious pavement when constructing the driveways for residential units. The specific type of pervious pavement system shall be reviewed and approved by the Water Resources Department at site or subdivision plan review. The selected system shall be maintained by the developer and/or homeowner's association.	☐
WASTE MANAGEMENT		**YES**
27.	If single family, the project shall install at least one (1) pet waste station per 25 residential units/townhomes and at least two (2) pet waste stations per apartment building throughout the community in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways or side paths. If there are fewer than 25 homes, at least one (1) pet waste station shall be installed.	☐
CLEAN ENERGY		**YES**
28.	A solar PV system of at least 3.5kW shall be installed on at least _____homes within the development. All solar installation required by this condition shall be completed or under construction prior to 90% of the building permits being issued for the development. The lot(s) on which this home/these homes is/are located shall be identified on the Master Subdivision Plat, which may be amended from time to time.	☐
29.	A solar PV system shall be installed on a minimum of _____model home. All solar installation required by this condition shall be completed or under construction prior to _____% of the building permits being issued for the development. The lot(s) on which this home/these homes is/are located shall be identified on the Master Subdivision Plat, which may be amended from time to time.	☐
30.	Wire all garages with 220-volt outlets at the exterior to provide for EV charging stations in SF and Townhomes.	☑

Part III – Non- Residential

Non-residential includes condominiums, apartments, and multi-family, common areas in residential developments (e.g. amenity areas, parking lots, exterior building lights, and exterior architecture), commercial, office, and industrial areas. Your development may include elements of each part.

STORMWATER AND WATER CONSERVATION – WATER QUALITY The Transportation & Infrastructure Development Department does not currently support these options within the ROW. These may be done on private sites, but not within the public ROW. Note that number 36 is an exception that can be done in the public ROW.		YES
31.	The project shall utilize pervious pavement when constructing parking spaces that are in excess of the minimum parking requirement. The specific type of pervious pavement system shall be reviewed and approved by the Water Resources Department at site or subdivision plan review.	☐
32.	The project shall utilize pervious pavement for all of the parking spaces provided. The specific type of pervious pavement system shall be reviewed and approved by the Water Resources Department at site or subdivision plan review.	☐
33.	To increase stormwater infiltration and evaporation, the project shall use modified curb and gutter designs to direct driveway runoff to one or more stormwater device, such as, but not limited to, bioswales, Silva cells, or rain gardens. The specific type and design shall be selected at site or subdivision plan review. The proposal shall be reviewed and approved by the Water Resources Department and Department of Public Works and Transportation.	☐
34.	May be done within the public ROW if it's in the form of a bioretention cell within a landscaped median or large roundabout. Will require approval by the Department of Public Works and Transportation. The project shall design and install one or more bioretention cells within the landscape median or roundabout along the primary road. The specific type and design shall be determined at site or subdivision plan review. The proposal shall be reviewed and approved by the Water Resources Department and Transportation and Infrastructure Development Department.	☐
WASTE MANAGEMENT		**YES**
35.	The project shall install at least 4 pet waste stations throughout the community, in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways or side paths. Four pet waste stations across entire project. Final locations to be determined at Master Subdivision/Site Plan.	☑

	CLEAN ENERGY	YES
36.	a. A solar PV system shall be incorporated into buildings to be constructed on the property. Such PV systems shall have a capacity of not less than 2 kW/1,000 heated square feet of building floor area. **OR** b. A solar PV system of at least 3.5kW shall be installed on at least _____% of or _____ buildings within the development. All solar installation required by this condition shall be completed or under construction prior to _____% of the building permits being issued for the development. The buildings on which these PV systems are located shall be identified on the Site Plan, which may be amended from time to time.	☐ ☐
37.	The developer shall provide ____% or ____more EV charging spaces than required by the UDO.	☐
38.	The amenity center for the project shall include a rooftop solar PV system with a capacity of at least 3.5kW.	☐
39.	The project shall install conduits for solar energy systems for all non-residential buildings	☐
	LIGHTING EFFICIENCY	**YES**
40.	On the lighting plan, the average footcandle measurement for parking, building lighting and driveways shall be at least 0.5 footcandles lower than the UDO requires.	☐
41.	The project shall use full cutoff LED fixtures that have a maximum color temperature of 3,000K for all exterior lighting, including, but not limited to, parking lot and building mounted fixtures.	☐

Applicant Clarification/Additional Language:

Additional Board Recommendations:

AFFIDAVIT OF CONDUCTING A NEIGHBORHOOD MEETING, SIGN-IN SHEET AND ISSUES/RESPONSES SUBMITTAL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

I, Matthew J. Carpenter, do hereby declare as follows:
Print Name

1. I have conducted a Neighborhood Meeting for the proposed Rezoning, Major Site Plan, Minor Site Plan, Residential Master Subdivision Plan, or Special Use Permit in accordance with UDO Sec. 2.2.7.B *Neighborhood Meeting*.

2. The meeting invitations were mailed to the Apex Planning Department, all property owners and tenants abutting and within 500 feet of the subject property and any neighborhood association that represents citizens in the notification area via first class mail a minimum of 14 days in advance of the Neighborhood Meeting.

3. The meeting was conducted at virtually via zoom (location/address) on 3/3/2026 (date) from 5:30pm (start time) to 6:30pm (end time).

4. I have included the mailing list, meeting invitation, sign-in sheet, issue/response summary, and zoning map/reduced plans with the application.

5. I have prepared these materials in good faith and to the best of my ability.

3/10/2026
Date

By: [signature]

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Matthew J. Carpenter, a Notary Public for the above State and County, on this the 10 day of March, 2026.

SEAL

RYANN M GRIFFIN
NOTARY PUBLIC
Wake County
North Carolina
My Commission Expires September 17, 2028

Ryann M. Griffin
Notary Public

Ryann M. Griffin
Print Name

My Commission Expires: 9/17/2028

NOTICE OF NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

February 17, 2026

Date

Dear Neighbor:

You are invited to a neighborhood meeting to review and discuss the development proposal at

See attached Exhibit A	See attached Exhibit A
Address(es)	PIN(s)

in accordance with the Town of Apex Neighborhood Meeting procedures. This meeting is intended to be a way for the applicant to discuss the project and review the proposed plans with adjacent neighbors and neighborhood organizations before the submittal of an application to the Town. This provides neighbors an opportunity to raise questions and discuss any concerns about the impacts of the project before it is officially submitted. If you are unable to attend, please refer to the Project Contact Information page for ways to contact the applicant. Notified neighbors may request that the applicant provide updates and send plans via email or mail. Once an application has been submitted to the Town, it may be tracked using the Interactive Development Map or the Apex Development Report located on the Town of Apex website at http://www.apexnc.org/180. Applications for Rezoning must hold a second Neighborhood Meeting in the month prior to the anticipated public hearing date.

A Neighborhood Meeting is required because this project includes (check all that apply):

	Application Type	Approving Authority
☐	Rezoning (including Planned Unit Development)	Town Council
☐	Major Site Plan	Technical Review Committee (staff)
☐	Minor Site Plan for the uses "Day care facility", "Government service", "School, public or private", "Restaurant, drive-through", or "Convenience store with gas sales"	Technical Review Committee (staff)
☐	Special Use Permit	Board of Adjustment (QJPH*)
☐	Residential Master Subdivision Plan (excludes exempt subdivisions)	Technical Review Committee (staff)

*Quasi-Judicial Public Hearing: The Board of Adjustment cannot discuss the project prior to the public hearing.

The following is a description of the proposal including any proposed long range plan amendments (also see attached map(s) and/or plan sheet(s)):

The proposal is to rezone the property to Planned Unit Development Conditional (PUD-CZ) to permit a mixed-use development with a mix of housing types and non-residential uses as shown on the Preliminary Concept Plan.

Estimated submittal date: Submitted December 1, 2025

MEETING INFORMATION:

Property Owner(s) name(s):	See attached Exhibit A
Applicant(s):	Merit Group, LLC c/o Matthew J. Carpenter
Contact information (email/phone):	matthewcarpenter@parkerpoe.com; (919) 835-4032
Meeting Address:	Virtual (Zoom) - See attached notice letter
Date/Time of meeting**:	March 3, 2026

Welcome: 5:30 PM Project Presentation: between 5:30 - 6:30 PM Question & Answer: between 5:30 - 6:30 PM

**Meetings shall occur between 5:00 p.m.-9:00 p.m. on a Monday through Thursday (excluding Town recognized holidays). If you have questions about the general process for this application, please contact the Planning Department at 919-249-3426. You may also find information about the Apex Planning Department and on-going planning efforts at http://www.apexnc.org/180.

0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

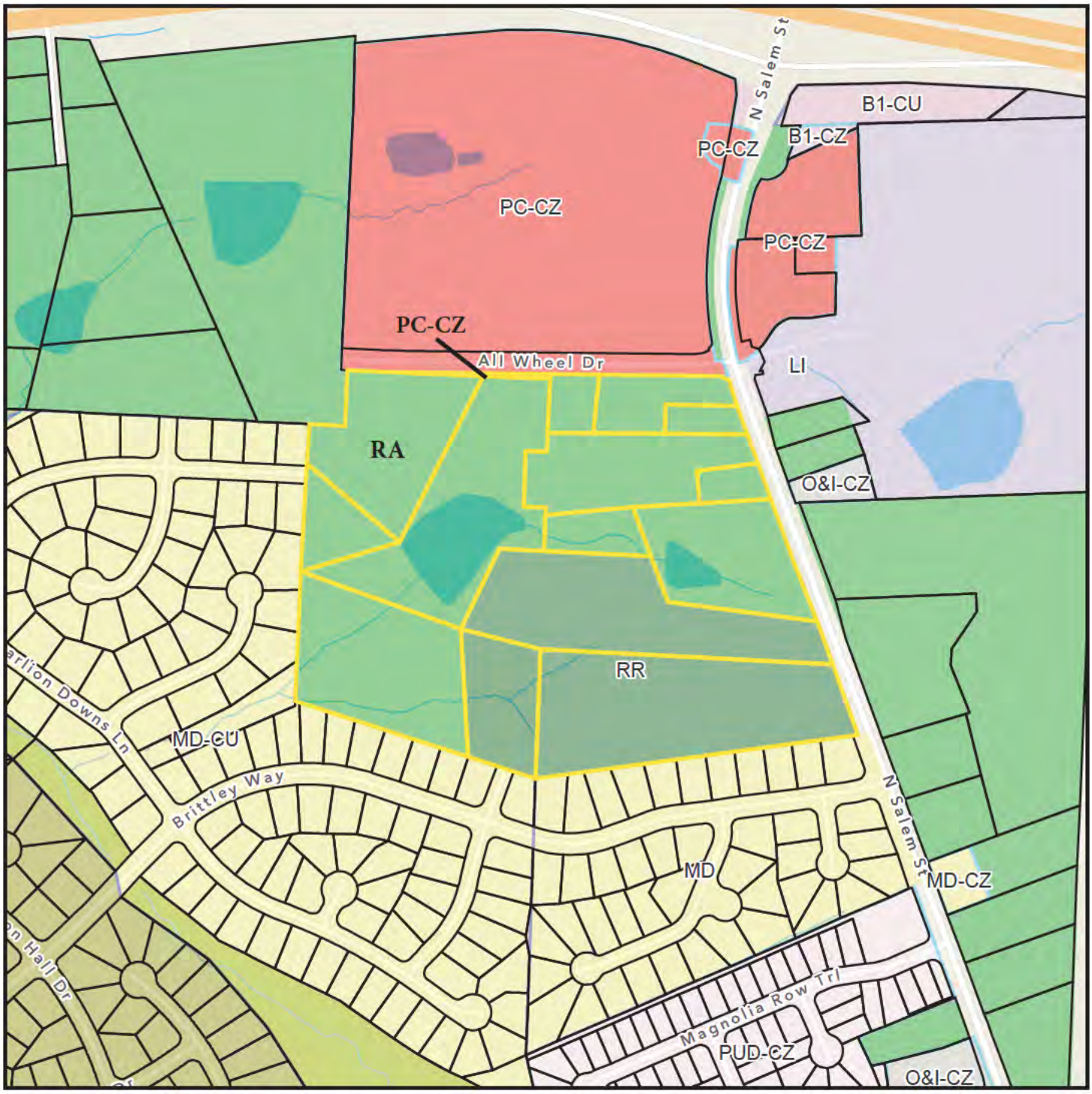
Vicinity Map

0 200 400 800 ft

1 inch equals 400 feet

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*



0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

Zoning Map

0 200 400 800 ft

1 inch equals 400 feet

Current Zoning: RA, RR, PC-CZ

Disclaimer

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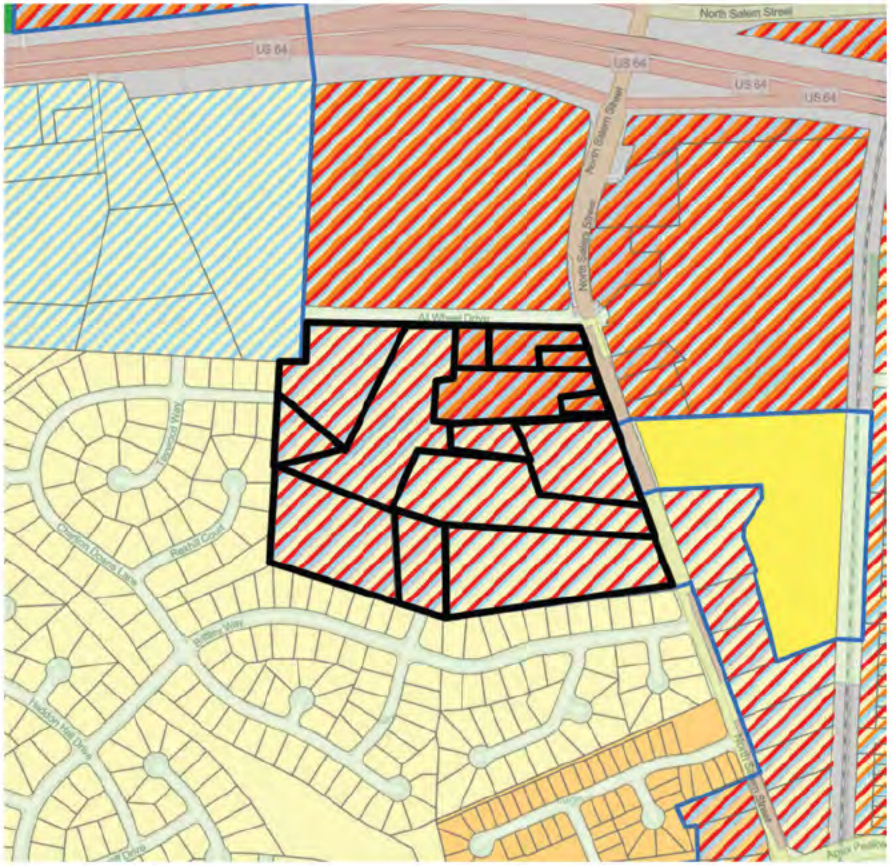
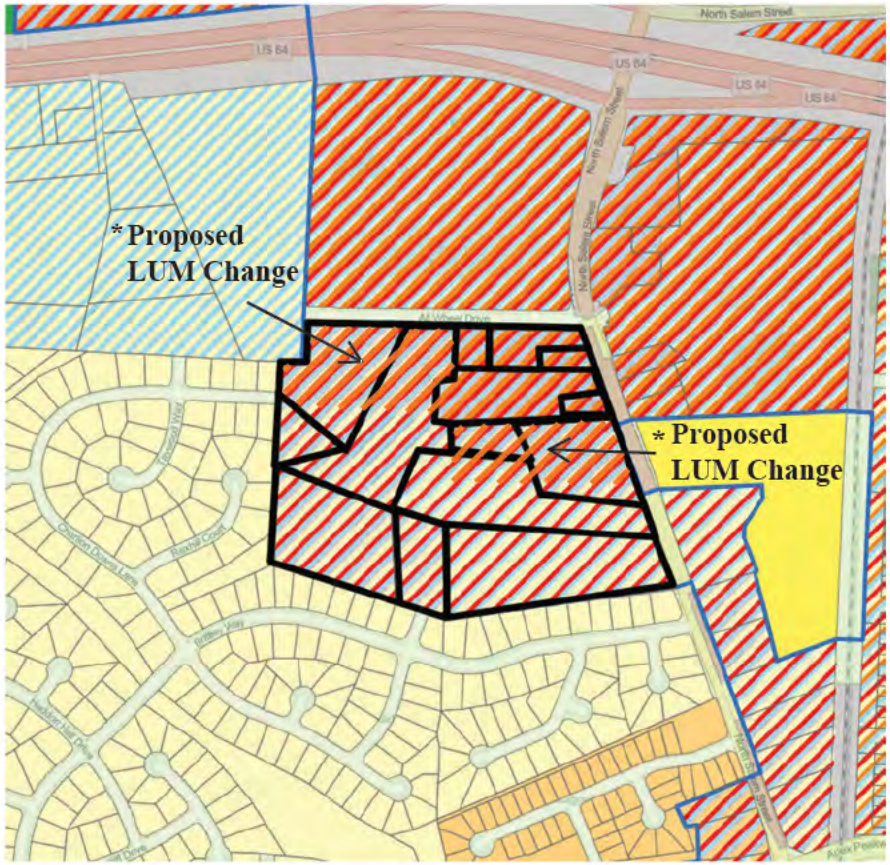
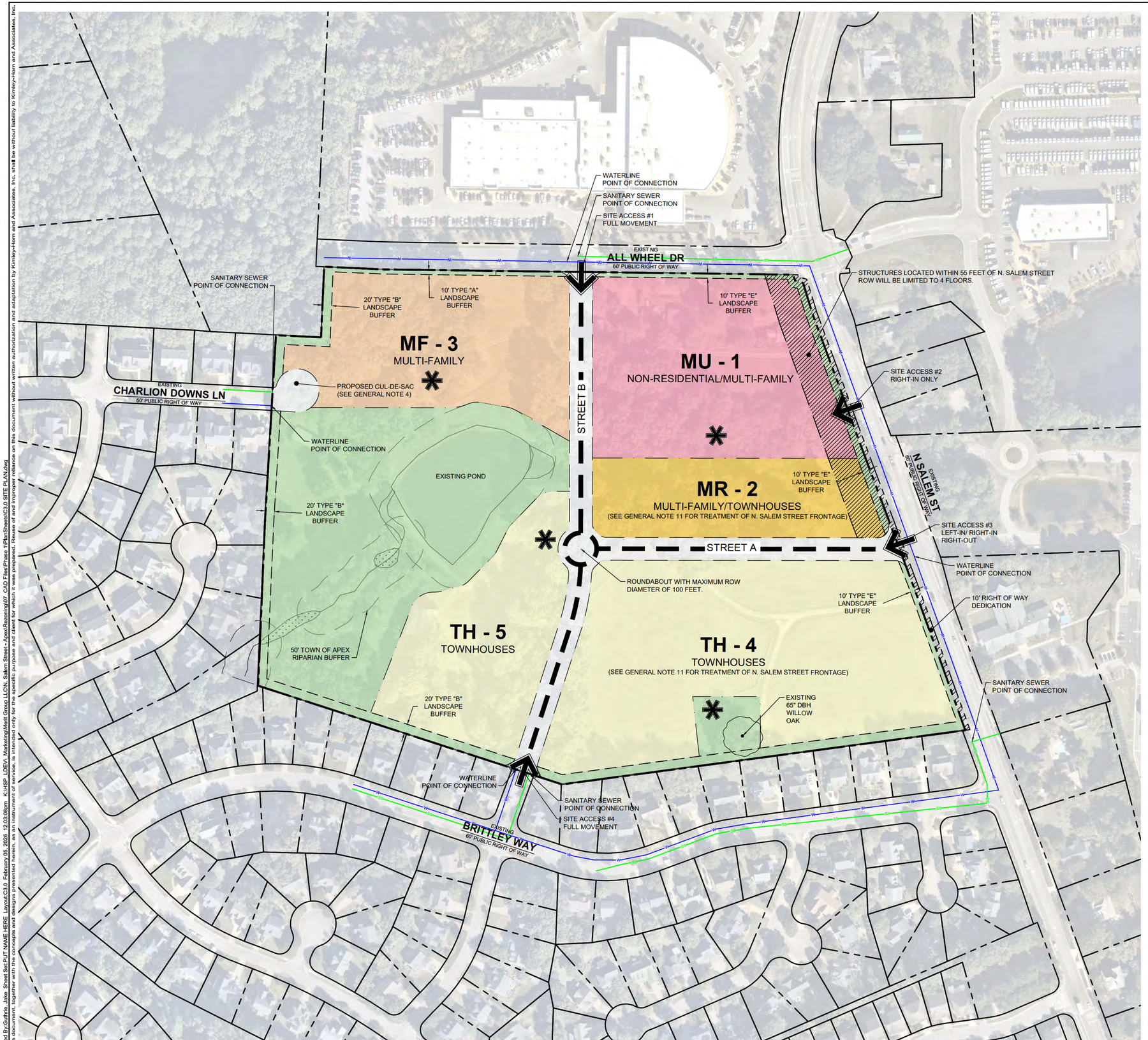
2045 Land Use Map Exhibit





Current LUM Designation:
Medium Density Residential/Office Employment/
Commercial Services; &
High Density Residential/Office Employment
Commercial Services

Proposed LUM Designation:
Medium Density Residential/Office Employment/
Commercial Services; &
High Density Residential/Office Employment
Commercial Services



SITE LEGEND

- PROPERTY L NE
- 50' TOWN OF APEX RIPARIAN BUFFER
- LOCAL STREET
- 10' S DEPATH
- ACTIVE RECREATION AREA/PLAY LAWN
- VEHICULAR ACCESS
- 10' ROW DEDICATION
- BUILDINGS N THIS AREA SHALL BE L MITED TO 4 FLOORS (60 FT) SEE PLAN FOR LOCATION
- EXISTING WETLAND
- PER METER BUFFER/RESOURCE CONSERVATION AREA (M N MUM OF 20% OF SITE AREA)
- MULTI-RESIDENTIAL (MULTI-FAM LY, TOWNHOUSES
- MULTI-FAMILY (APARTMENTS)
- MULTI-FAMILY APARTMENTS; NON-RESIDENTIAL
- TOWNHOUSES

GENERAL NOTES

1. ALL ZONING PLAN SHEETS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. F NAL DESIGN COMPONENTS SHALL BE DETERM NED DUR NG THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZONING CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN CIRCULATION ARE CONCEPTUAL AND SHALL BE FINALIZED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. A PUBLIC PEDESTRIAN ACCESS EASEMENT W LL BE PROV DED FROM THE CUL-DE-SAC ON CHARLION DOWNS LANE TO STREET B. EXACT LOCATION TO BE DETERMINED AT THE T ME OF SITE/SUBDIVISION PLAN APPROVAL PROCESS.
5. TREE PROTECTION FENC NG SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORD NANCE.
6. ALL PARKING STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
7. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE FINALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
8. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTAINED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
9. SITE ELEMENTS REQU RED TO SATISFY RECREATIONAL REQU REMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND IN THE TOWN OF APEX STANDARD SPECIFICATIONS AND CONSTRUCTION DETA LS AND THE REQUIREMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
10. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHTING, LANDSCAPING, SCREEN NG, SITE STAB LIZATION (SEED NG), PARKING, AND PAVEMENT MARKING, MUST BE COMPLETED PRIOR TO SCHEDULING A FINAL SITE INSPECTION.
11. UNITS LOCATED N TH-4 AND MR-2 ALONG THE FRONTAGE OF N. SALEM STREET WILL FACE N. SALEM STREET AND TAKE ACCESS FROM THE REAR.

UTILITY NOTES

1. THIS PROJECT IS REQUESTING FULL TOWN SERVICES, NCLUDING BUT NOT LIMITED TO, WATER, SEWER AND ELECTRICITY.
2. THE SITE W LL NOT UTILIZE PRIVATE SEWAGE DISPOSAL SYSTEMS.
3. ALL UT LITY EASEMENTS SHALL BE PROVIDED AS NECESSARY. EXACT LOCATION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION DRAWINGS.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF APEX STANDARDS AND SPECIFICATIONS.
5. ALL WATER AND SEWER MAINS WITH N THE PUBLIC EASEMENTS SHALL BE OWNED, OPERATED, AND MAINTA NED BY THE TOWN OF APEX.

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
7			
6			
5			
4			
3			
2			
1			

Kimley»Horn

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#F-0102 WWW.KIMLEY-HORN.COM PHONE: 984-212-4572
1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT C. ZUMWALT
PRELIMINARY NOT FOR CONSTRUCTION

KHA PROJECT	00000000
DATE	12/01/2025
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

PRELIMINARY SITE LAYOUT AND UTILITY PLAN

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C3.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C3.0 February 05, 2026 12:03:08pm K:\HSP_LDEV_Marketing\Merit Group LLC\N. Salem Street - Apex\Rezoning\07 CAD Files\Phase 1\PlanSheets\C3.0 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT CONTACT INFORMATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Development Contacts:

Project Name: N. Salem Street Mixed-Use Zoning: Residential Agricultural (RA); Rural Residential (RR); & Planned Commercial-Conditional Zoning (PC-CZ)

Location: See attached Exhibit A

Property PIN(s): See attached Exhibit A Acreage/Square Feet: 32.36 acres

Property Owner: See attached Exhibit A

Address:

City: State: Zip:

Phone: Email:

Developer: Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Engineer: Kimley-Horn c/o Bob Zumwalt

Address: 1070 S. Main Street, Suite 230

City: Holly Springs State: NC Zip: 27540

Phone: (919) 475-7314 Fax: n/a Email: bob.zumwalt@kimley-horn.com

Builder (if known): Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Please note that Town staff will not have complete information about a proposed development until the application is submitted for review. If you have a question about Town development standards and how they relate to the proposed development, please contact the appropriate staff person listed below.

Town of Apex Department Contacts	
Planning Department Main Number (Provide development name or location to be routed to correct planner)	(919) 249-3426
Parks, Recreation & Cultural Resources Department Angela Reincke, Parks Planning Manager	(919) 372-7468
Transportation & Infrastructure Development Russell Dalton, Traffic Engineering Manager	(919) 249-3358
Water Resources Department Jessica Bolin, Environmental Engineering Manager (Stormwater, Sedimentation & Erosion Control) Matt Reker, Utility Engineer/FOG Program Manager (Water & Sewer)	(919) 249-3537 (919) 946-4394
Electric Utilities Division Jared Harris, Electric Technical Services Manager	(919) 372-7466

Exhibit A

N. Salem Street Mixed-Use
Owner Information Addendum

PIN 0742367712
Address: 1403 N. Salem St.
Owner: Ronald & Jody Keye
Acreage: 1.06 acre
Current Zoning: Residential Agricultural

PIN 0742368697
Address: 1401 N. Salem St.
Owner: John Huber
Acreage: 0.39 acre
Current Zoning: Residential Agricultural

PIN 0742365731
Address: 1405 N. Salem St.
Owner: Geraldine Gilbert Heirs
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742366583
Address: 1205 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 2.54 acres
Current Zoning: Residential Agricultural

PIN 0742369479
Address: 1303 N. Salem St.
Owner: June Thompson
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742369278
Address: 1301 N. Salem St.
Owner: June Thompson
Acreage: 2.80 acres
Current Zoning: Residential Agricultural

PIN 0742363169
Address: 1207 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 4.46 acres
Current Zoning: Rural Residential

PIN 0742358857
Address: 1201 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 5.34 acres
Current Zoning: Rural Residential

PIN 0742353848
Address: 0 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 1.67 acres
Current Zoning: Rural Residential

PIN 0742350909
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.77 acres
Current Zoning: Residential Agricultural

PIN 0742362432
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 4.59 acres
Current Zoning: Residential Agricultural

PIN 0742366306
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.73 acre
Current Zoning: Residential Agricultural

PIN 0742268387
Address: 0 Charlion Downs Ln
Owner: DLG HOLDINGS LLC
Acreage: 0.93 acre
Current Zoning: Residential Agricultural

PIN 0742360631
Address: 1409 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.06 acres
Current Zoning: Residential Agricultural

PIN 0742362719
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.02 acre
Current Zoning: PC-CZ

PIN 0742363799
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.04 acre
Current Zoning: PC-CZ

COMMON CONSTRUCTION ISSUES & WHO TO CALL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Noise & Hours of Construction:	Non-Emergency Police	919-362-8661

Noise from tree removal, grading, excavating, paving, and building structures is a routine part of the construction process. The Town generally limits construction hours from 7:00 am to 8:30 pm so that there are quiet times even during the construction process. Note that construction outside of these hours is allowed with special permission from the Town when it makes more sense to have the construction occur at night, often to avoid traffic issues. In addition, the Town limits hours of blasting rock to Monday-Friday from 8:00 am to 5:00 pm. Report violations of construction hours and other noise complaints to the Non-Emergency Police phone number at 919-362-8661.

Construction Traffic:	Infrastructure Inspections	919-249-3386

Construction truck traffic will be heavy throughout the development process, including but not limited to removal of trees from site, loads of dirt coming in and/or out of the site, construction materials such as brick and wood brought to the site, asphalt and concrete trucks come in to pave, etc. The Town requires a construction entrance that is graveled to try to prevent as much dirt from leaving the site as possible. If dirt does get into the road, the Town can require they clean the street (see "Dirt in the Road" below).

Road Damage & Traffic Control:	Infrastructure Inspections	919-249-3386

There can be issues with roadway damage, roadway improvements, and traffic control. Potholes, rutting, inadequate lanes/signing/striping, poor traffic control, blocked sidewalks/paths are all common issues that should be reported to Transportation & Infrastructure Development – Infrastructure Inspections at 919-249-1109. The Town will get NCDOT involved if needed.

Parking Violations:	Non-Emergency Police	919-362-8661

Unless a neighbor gives permission, there should be no construction parking in neighbors' driveways or on their property. Note that parking in the right-of-way is allowed, but Town regulations prohibit parking within 15 feet of driveways so as not to block sight triangles. Trespassing and parking complaints should be reported to the Non-Emergency Police phone number at 919-362-8661.

Dirt in the Road:	Water Resources	919-362-8166

Sediment (dirt) and mud gets into the existing roads due to rain events and/or vehicle traffic. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleaning of the roadways with the developer.

Dirt on Properties or in Streams:	Water Resources	919-362-8166

Sediment (dirt) can leave the site and get onto adjacent properties or into streams and stream buffers; it is typically transported off-site by rain events. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the appropriate repairs with the developer.

Dust:	Water Resources	919-362-8166

During dry weather dust often becomes a problem blowing into existing neighborhoods or roadways. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the use of water trucks onsite with the grading contractor to help control the dust.

Trash:	Water Resources	919-362-8166

Excessive garbage and construction debris can blow around on a site or even off of the site. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleanup and trash collection with the developer/home builder.

Temporary Sediment Basins:	Water Resources	919-362-8166

Temporary sediment basins during construction (prior to the conversion to the final stormwater pond) are often quite unattractive. Concerns should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that he can coordinate the cleaning and/or mowing of the slopes and bottom of the pond with the developer.

Stormwater Control Measures:	Water Resources	919-362-8166

Post-construction concerns related to Stormwater Control Measures (typically a stormwater pond) such as conversion and long-term maintenance should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed.

Electric Utility Installation:	Electric Utilities	919-249-3531

Concerns with electric utility installation can be addressed by the Apex Electric Utilities Department.

NEIGHBORHOOD MEETING SIGN-IN SHEET

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Meeting Address: Virtual via ZOOM

Date of meeting: March 3, 2026 Time of meeting: 5:30 p.m. to 6:30 P.M.

Property Owner(s) name(s): See above Exhibit A

Applicant(s): Merit Group, LLC c/o Matthew J. Carpenter

Please print your name below, state your address and/or affiliation with a neighborhood group, and provide your phone number and email address. Providing your name below does not represent support or opposition to the project; it is for documentation purposes only. For virtual meetings, applicants must include all known participants and request the information below.

	NAME/ORGANIZATION	ADDRESS	PHONE #	EMAIL	SEND PLANS & UPDATES
1.	See attached Attendee List				☐
2.					☐
3.					☐
4.					☐
5.					☐
6.					☐
7.					☐
8.					☐
9.					☐
10.					☐
11.					☐
12.					☐
13.					☐
14.					☐

Use additional sheets, if necessary.

NEIGHBORHOOD MEETING ATTENDEE LIST

Name (original name)	Email	Join time	Leave time	Duration (minutes)	Guest
Matthew Carpenter (PPAB Land Use)	[redacted]	3/3/2026 17:19	3/3/2026 18:41	82	No
Munshi Chaye ln	[redacted]	3/3/2026 17:22	3/3/2026 17:30	8	Yes
Stuart Hurwitz	[redacted]	3/3/2026 17:26	3/3/2026 17:30	5	Yes
Jessica Conklin	[redacted]	3/3/2026 17:26	3/3/2026 17:30	4	Yes
William Goss	[redacted]	3/3/2026 17:27	3/3/2026 17:30	4	Yes
Terry Oliver	[redacted]	3/3/2026 17:27	3/3/2026 17:30	3	Yes
Morgan Roeske	[redacted]	3/3/2026 17:27	3/3/2026 17:30	3	Yes
Bob Zumwalt	[redacted]	3/3/2026 17:27	3/3/2026 17:29	2	Yes
Trish	[redacted]	3/3/2026 17:28	3/3/2026 17:30	2	Yes
Mike Rusher	[redacted]	3/3/2026 17:28	3/3/2026 17:30	2	Yes
Bryan Johnson	[redacted]	3/3/2026 17:28	3/3/2026 17:30	2	Yes
Casey Angel	[redacted]	3/3/2026 17:28	3/3/2026 17:30	2	Yes
Eric Leblanc	[redacted]	3/3/2026 17:29	3/3/2026 17:30	2	Yes
Nicholas A Livy	[redacted]	3/3/2026 17:29	3/3/2026 17:30	2	Yes
Sasha Bravo	[redacted]	3/3/2026 17:29	3/3/2026 17:30	2	Yes
Paul Munana	[redacted]	3/3/2026 17:29	3/3/2026 17:29	1	Yes
Tyler Haeberle	[redacted]	3/3/2026 17:29	3/3/2026 17:30	1	Yes
Ron M	[redacted]	3/3/2026 17:29	3/3/2026 17:30	1	Yes
	[redacted]	3/3/2026 17:29	3/3/2026 18:41	72	Yes
Brandon Black	[redacted]	3/3/2026 17:30	3/3/2026 17:30	1	Yes
Eric Roeske	[redacted]	3/3/2026 17:30	3/3/2026 17:30	1	Yes
Sara Mohammed	[redacted]	3/3/2026 17:30	3/3/2026 18:41	72	Yes
Matt Gilson	[redacted]	3/3/2026 17:31	3/3/2026 18:33	63	Yes
pat ryan hunt	[redacted]	3/3/2026 17:31	3/3/2026 18:34	64	Yes
William Gilbert	[redacted]	3/3/2026 17:31	3/3/2026 18:41	71	Yes
	[redacted]	3/3/2026 17:31	3/3/2026 18:41	70	Yes
Holly Groce	[redacted]	3/3/2026 17:31	3/3/2026 18:36	66	Yes
Suna Tercioglu	[redacted]	3/3/2026 17:31	3/3/2026 18:41	70	Yes
Scott McCloskey	[redacted]	3/3/2026 17:32	3/3/2026 18:41	70	Yes
Marcie Longo	[redacted]	3/3/2026 17:32	3/3/2026 17:43	11	Yes
	[redacted]	3/3/2026 17:33	3/3/2026 18:24	52	Yes
Teresa Moore	[redacted]	3/3/2026 17:33	3/3/2026 18:06	33	Yes
Javier Bravo	[redacted]	3/3/2026 17:33	3/3/2026 18:41	68	Yes
Bill Kohler	[redacted]	3/3/2026 17:33	3/3/2026 18:07	34	Yes
iPhone	[redacted]	3/3/2026 17:33	3/3/2026 18:41	68	Yes
Lindsay Bray	[redacted]	3/3/2026 17:33	3/3/2026 18:41	68	Yes
Chris Heimel (Chris H)	[redacted]	3/3/2026 17:33	3/3/2026 18:41	68	Yes
Chantal's iPhone (2)	[redacted]	3/3/2026 17:34	3/3/2026 18:42	68	Yes
Imran Khan	[redacted]	3/3/2026 17:34	3/3/2026 17:45	11	Yes
Ryann Griffin	[redacted]	3/3/2026 17:34	3/3/2026 18:41	67	Yes
Dama, Nikhil	[redacted]	3/3/2026 17:35	3/3/2026 18:02	28	Yes
Orhan Tercioglu	[redacted]	3/3/2026 17:35	3/3/2026 17:41	6	Yes
Ann Marie	[redacted]	3/3/2026 17:35	3/3/2026 18:19	44	Yes
Srilakshmi Alla	[redacted]	3/3/2026 17:35	3/3/2026 18:30	55	Yes
Cherri Arnett	[redacted]	3/3/2026 17:36	3/3/2026 18:41	65	Yes
Christine Wilson	[redacted]	3/3/2026 17:36	3/3/2026 18:41	65	Yes
Daniel Husbandds	[redacted]	3/3/2026 17:37	3/3/2026 18:41	64	Yes
Rahan Khozein	[redacted]	3/3/2026 17:37	3/3/2026 18:42	65	Yes
	[redacted]	3/3/2026 17:39	3/3/2026 17:56	18	Yes
Orhan Tercioğlu	[redacted]	3/3/2026 17:41	3/3/2026 18:42	61	Yes
Michelle Owens	[redacted]	3/3/2026 17:42	3/3/2026 18:10	29	Yes
JP Patel	[redacted]	3/3/2026 17:43	3/3/2026 18:38	56	Yes
Erin	[redacted]	3/3/2026 17:50	3/3/2026 18:02	13	Yes
Christine Lennon	[redacted]	3/3/2026 17:50	3/3/2026 18:42	52	Yes
Brian Adkins	[redacted]	3/3/2026 17:50	3/3/2026 18:41	51	Yes
Shawn Clark	[redacted]	3/3/2026 17:51	3/3/2026 18:41	50	Yes
Nathan Pinsker	[redacted]	3/3/2026 17:59	3/3/2026 18:41	43	Yes
John Huber	[redacted]	3/3/2026 18:01	3/3/2026 18:42	41	Yes
Blake Hardin	[redacted]	3/3/2026 18:04	3/3/2026 18:42	38	Yes
Laurie Stella	[redacted]	3/3/2026 18:21	3/3/2026 18:37	17	Yes
Rebecca Olson	[redacted]	3/3/2026 18:35	3/3/2026 18:42	7	Yes

SUMMARY OF DISCUSSION FROM THE NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Property Owner(s) name(s): See above Exhibit A

Applicant(s): Merit Group, LLC c/o Matthew J. Carpenter

Contact information (email/phone): matthewcarpenter@parkerpoe.com; (919) 835-4032

Meeting Address: Virtual via ZOOM

Date of meeting: March 3, 2026 Time of meeting: 5:30 p.m. to 6:30 p.m.

Please summarize the questions/comments and your responses from the Neighborhood Meeting or emails/phone calls received in the spaces below (attach additional sheets, if necessary). Please state if/how the project has been modified in response to any concerns. The response should not be "Noted" or "No Response". There has to be documentation of what consideration the neighbor's concern was given and justification for why no change was deemed warranted.

Question/Concern #1:

See attached

Applicant's Response:

See attached

Question/Concern #2:

See attached

Applicant's Response:

See attached

Question/Concern #3:

See attached

Applicant's Response:

See attached

Question/Concern #4:

See attached

Applicant's Response:

See attached

<u>Summary of Neighborhood Meeting</u>
LUM Change
N. Salem Street Mixed Use PUD
March 3, 2026

I. WELCOME
   a. Introduction of Development Team
      i. Matthew Carpenter w/Parker Poe
      ii. Paul Munana and Rick Felice, w/ Merit Group, LLC, the developer
      iii. Bob Zumwalt w/ Kimley-Horn, our landscape architect
   b. Explanation of process. This is the pre-filing neighborhood meeting for a potential rezoning request, the very first step in a long development process. So, the purpose of tonight's meeting is to explain our plans and take your feedback into consideration as we put together our rezoning application.

II. PRESENTATION
   a. <u>Site Overview</u> - location, environmental constraints of the site, and existing uses adjacent.
   b. <u>Existing and Proposed Zoning</u>
      i. The current zoning is Residential Agricultural, Rural Residential, and Planned Commercial Conditional. The proposed zoning district is Planned Unit Development Conditional (PUD-CZ).
      ii. The purpose of the PUD district is to provide - especially for large mixed-use projects - site specific zoning conditions that result in a high quality project.
   c. <u>2045 Land Use Map (LUM) Designation</u>
      i. The LUM is the primary policy document the Town uses to evaluate rezoning requests. This property is designated as Mixed Use since it has multicolor striped areas with three or more uses. These uses include Office Employment, Commercial Services, Medium Density Residential, and High Density Residential. The LUM recommends higher density residential uses to be located in the northern portion of the assemblage.
      ii. Here, we started with the LUM designations and worked backwards from there to develop our PUD Concept Plan.
   d. <u>Current PUD Plan</u>
      i. The current plan is to have five districts, each with different permitted uses and development standards. The MU-1 district will permit non-residential and multi-family residential. The MR-2 district will permit multi-family and townhomes. The MF-3 district will permit multi-family residential. While the districts TH-4 and TH-5 district will only permit townhomes. The goal is to transition density and intensity down across the site from the intersection of All Wheel Drive and N. Salem Street to the existing single-family neighborhoods to the west and south.
      ii. On the west side, there is a large existing pond that may remain and a stream and riparian buffer. This area will likely remain undeveloped (other than stormwater and utility infrastructure) which will provide some separation between the project and existing neighborhoods.

iii. We're showing a vehicular connection to the stub at Frenchurch Way which is required by the Town's UDO. At Charlion Downs Lane, we're proposing to terminate the street into a cul-de-sac and provide a pedestrian connection through the site. The baseline UDO requirement is that connectivity is required, so we are asking the Town for a modification to permit the cul-de-sac.

e. Rezoning Process and Timeline
   i. Since the first neighborhood meeting we have submitted our rezoning application and have been through two reviews with the Town, and have submitted for a third review. During these reviews we have worked with staff to revise our application to address their comments.
   ii. After all staff comments have been addressed, the case will go to Planning Board. Planning Board will hold a public hearing, review the case, and make a recommendation to Town Council.
   iii. Following the Planning Board meeting, Town Council will hold a public hearing and make the final decision on the rezoning.

III. QUESTION AND ANSWER SESSION

a. Please elaborate on what it means that streams will be "generally untouched?"

i. The State requires a 50-foot stream buffer, and the Town requires additional buffering. Only stormwater infrastructure for drainage may be located within the buffer; no lots, buildings, or streets are allowed.

b. Traffic concerns

i. We understand the concern, and this development includes significant traffic improvements recommended by staff that are intended to improve overall circulation.

c. There are two ponds on the property and several wetlands that are not depicted on this map. Both can be seen on the Apex and Wake County's GIS maps. What are the plans for the second pond and the protected wetlands not on this map?

i. We have completed a jurisdictional determination with the Army Corps of Engineers and the Town. The farm pond will be drained, and two small wetlands located in the southwestern quadrant. All areas required to be buffered will be appropriately buffered.

d. When will the Town Council approve the rezoning request?

i. There is no Town Council date scheduled yet, but it is anticipated to be in late spring.

e. You mentioned 7 units per acre. I'm not sure I understand how the math adds up there. You've proposed 200 units plus 250 apartments. The 200 units alone would be projected to take over 28 acres, and that's without the commercial/residential portion being proposed.

i. A total of 450 units are permitted across the site, including up to 285 multi-family units and 165 townhomes. The TH-4 and TH-5 districts are limited to a combined maximum of 120 units. These two districts reflects an overall density of approximately 7 units per acre, which is consistent with the Medium Density designation in the Land Use Map.

f. Why is the request proposing to amend the LUM?

i. Yes, we are proposing a slight expansion of the orange multi-family designation, with no changes in the southern portion of the site. While the LUM recommends high-density residential at the intersection of N. Salem Street and All Wheel Drive, staff has requested building heights be limited to four to five stories along N. Salem Street. The existing LUM does not provide sufficient land area to accommodate multi-family development with these height limitations, so the proposed LUM amendment modestly extends the designation west and south to allow a feasible layout consistent with staff-recommended transitions.

g. Are the riparian buffers being complied with?

i. Yes, all UDO-required riparian buffers will be met and are accurately shown on the concept plan.

h. What are the permitted heights?

i. Townhomes are limited to a maximum height of three stories (45 feet). Stand-alone multi-family buildings are limited to four stories (55 feet). Non-residential and mixed-use buildings are limited to a maximum of five stories (75 feet) and are only permitted at the corner of All Wheel Drive and N. Salem Street.

i. What happens if the town denies the request to increase the LUM density per your plans?

i. If the rezoning is approved, the LUM will be automatically amended. If the rezoning is denied, the LUM will not be amended.

j. There are intermittent streams on that property that you aren't showing on these maps. Why?

i. Streams shown on GIS maps are not always jurisdictional and therefore are not always required to be buffered. Only streams, ponds, and riparian buffers identified through the Army Corps of Engineers and Town determination are shown.

k. Will traffic increase in Haddon Hall by making Brittley a cut through to Apex Peakway?

i. If a stub street exists, we are typically required to connect to it, and the Town prefers connectivity. Using N. Salem Street is expected to be faster than cutting through Brittley Way, and traffic-calming measures, including a roundabout, are planned to reduce cut-through traffic.

l. Is TIA publicly available?

i. The TIA is on file with the Town of Apex and is available upon request. Staff recommends traffic improvements based on the TIA and are incorporated into the PUD document.

m. Are there plans to build on wetlands in bottom left of the site?

i. Yes, these wetlands are not protected and development is permitted.

n. Can you clarify what the "20 foot type B buffer" is that separates the land from Haddon Hall? What exactly is that- is it a retaining wall or metal fence and trees, etc?

i. This is a Type B perimeter buffer, which preserves existing trees where possible and supplements them with Type B plantings.

o. When was the determination made with the Army Corps of Engineers and the Town of Apex? You all say it very casually that those wetlands and riparian buffers will be "impacted and developed", but that's not addressing the impacts to existing developments, runoff from impermeable surfaces, etc. On the first call, this was "we live in this area as well and want this to be additive", but this feels more like just plowing forward regardless of impact.

i. The Army Corps determination is a written decision based on a field investigation completed in July 2025, and this work is undertaken early in the development process. This is not a casual process, and the plans are designed to consider and mitigate impacts to environmental features based on this written decision.

p. What are the road improvements?

i. Traffic improvements proposed to date include the addition of a right-turn lane on N. Salem Street, an additional through lane along the site's entire frontage on N. Salem Street with a lane drop at Street A as shown on the concept plan, signal modifications at All Wheel Drive, right-of-way dedication with curb and gutter improvements, and a 10-foot side path along the N. Salem Street frontage.

q. Will it only be Townhomes or mix or townhouse, apartments, simple family ?Any commercial ?

i. There will be a mix of townhomes, apartments, and commercial uses which are designed to meet the LUM designation. The current plan is to have five districts, each with different permitted uses and development standards. The MU-1 district will permit non-residential and multi-family residential. The MR-2 district will permit multi-family and townhomes. The MF-3 district will permit multi-family residential. While the districts TH-4 and TH-5 district will only permit townhomes.

r. Concern related to stormwater run-off issues

i. There are currently no stormwater control measures on the site, and runoff is not being controlled. As part of the development, all runoff will be required to be managed and released at specified rates. The installation of curb and gutter and stormwater control measures is expected to improve conditions, and two stormwater ponds are proposed.

s. Who paid for the wetland analysis of the property?

i. The developer pays the consultants to complete the environmental survey, and the Army Corps and the Town each review it independently.

t. Has any town staff yet reviewed and accepted the stream and wetland elimination plan that you are proposing in SW quadrant and eastern (N. Salem St) side? The determination that the streams in the southwest corner (TH-5) do not meet intermittent stream definition is interesting, as there is flowing water moving through there year round.

i. Yes, both the Town and the Army Corps have reviewed the environmental survey and determined that only the streams shown on the concept plan are subject to buffering requirements.

u. Any discussion not to attach to Brittney?

i. We raised this idea with staff, but they did not support it because the Town prefers connectivity and the UDO requires the stub street connection.

v. Please describe your proposed tree replacement program as part of this proposal.

i. The project is required to provide a Resource Conservation Area covering 20% of the gross site area, which will largely consist of wooded open space, primarily in the southwest portion of the site.

w. Please describe topographical changes that will need to take place at TH-5 and TH-4 as it relates to the homes along Brittley Way, and how stormwater runoff will be directed away from Haddon Hall property as part of your plan.

i. Currently, stormwater runoff flows to the southwest. The topography sheet shown on the concept plan reflects existing site conditions and does not represent post-grading conditions.

x. In the MU-1 District, how tall will those apartment buildings be?

i. Non-residential and mixed-use buildings are limited to a maximum of five stories (75 feet) in the MU-1 District. Stand-alone multi-family buildings are limited to four stories (55 feet).

y. This project offers an opportunity to improve connectivity of the street network. Charlion Downs Lane should be extended through to Street B, separating orange MF-3 from the green open space. Without that street connection, the green open space is hidden behind housing when it should be a visual public amenity.

i. We have received mixed feedback regarding a connection to Charlion Downs Lane, with some supporting connectivity and others opposing it. The plan seeks to balance these perspectives by providing pedestrian access without full vehicular connectivity.

z. Does anyone that stands to benefit monetarily actually live in Apex?

i. Bob Zumwalt, the landscape architect working on the project lives in Apex. Matthew Carpenter, land use attorney, grew up in Apex. Additionally, a number of stakeholders are involved.

aa. When construction begins, will the building supplies and heavy equipment use Brittley Way or an alternative road or pathway to the construction site?

i. No, the PUD document includes language requiring all heavy-duty construction traffic to enter and exit the site via N. Salem Street and/or All Wheel Drive.

bb. Who are developers?

i. Merit Group who operates out of Wake County.

cc. Concerns on how N. Salem Street will be widened.

i. N. Salem Street can be widened using additional right-of-way that will be dedicated by the developer.

dd. How close to the 20 foot buffer along TH-4 and TH-5 will structures be built, ie - how far away will buildings be placed from the 20ft buffer line?

i. The buffer will be owned by the HOA, provide extra separation beyond required setbacks, and must remain undisturbed.

ee. Will you be connecting to the existing stormwater system in Haddon Hall?

i. Storm drainage will not be connected. The site will manage all stormwater on site as required by the Town.

ff. Are you saying town staff has reviewed and approved this stream plan (elimination/determinations). To help, this is a photo from your submission. The streams/wetlands in SW quadrant.

i. This is the existing conditions sheet, and the Town has reviewed it to determine which streams and wetlands are required to be buffered.

gg. Will this new development be a part of Haddon Hall HOA.

i. No, the development will have its own HOA. Any addition of properties to the Haddon Hall HOA would most likely require approval by a vote of that HOA.

hh. How will the widening of Salem Street with additional turn lanes improve the pedestrian experience along Salem? It will make it feel more like a highway than a comfortable, walkable main street.

i. We have discussed this with staff as part of the rezoning process. The goal is to improve walkability while still addressing traffic concerns, and the plan tries to balance both, including the use of rear-loaded townhomes.

ii. Are you talking about widening Salem all the way to Apex Peakway?

i. No, widening will occur only along the site's frontage.

jj. Why not single-family homes?

i. Proposing single-family homes would be inconsistent with the LUM designation, which recommends higher-density housing types such as townhomes and apartments, as well as non-residential uses.

kk. What is the easiest way to follow project and meetings?

i. The applicant provided a link to the Apex development map. Neighbors can also reach out to Matthew, Bob, or Town planning staff.

AFFIDAVIT OF CONDUCTING A NEIGHBORHOOD MEETING, SIGN-IN SHEET AND ISSUES/RESPONSES SUBMITTAL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

I, Matthew J. Carpenter, do hereby declare as follows:
Print Name

1. I have conducted a Neighborhood Meeting for the proposed Rezoning, Major Site Plan, Minor Site Plan, Residential Master Subdivision Plan, or Special Use Permit in accordance with UDO Sec. 2.2.7.B *Neighborhood Meeting*.

2. The meeting invitations were mailed to the Apex Planning Department, all property owners and tenants abutting and within 500 feet of the subject property and any neighborhood association that represents citizens in the notification area via first class mail a minimum of 14 days in advance of the Neighborhood Meeting.

3. The meeting was conducted at virtually via Zoom (location/address) on July 23, 2026 (date) from 5:30 pm (start time) to 7:00 pm (end time).

4. I have included the mailing list, meeting invitation, sign-in sheet, issue/response summary, and zoning map/reduced plans with the application.

5. I have prepared these materials in good faith and to the best of my ability.

8/5/2026
Date

By: [signature]

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, Matthew J. Carpenter, a Notary Public for the above State and County, on this the 5 day of August, 2026.

SEAL

Ryann M. Griffin
Notary Public

Ryann M. Griffin
Print Name

RYANN M GRIFFIN
NOTARY PUBLIC
Wake County
North Carolina
My Commission Expires September 17, 2028

My Commission Expires: 9/17/2028

NOTICE OF NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

July 8, 2026

Date

Dear Neighbor:

You are invited to a neighborhood meeting to review and discuss the development proposal at

See attached Exhibit A	See attached Exhibit A
Address(es)	PIN(s)

in accordance with the Town of Apex Neighborhood Meeting procedures. This meeting is intended to be a way for the applicant to discuss the project and review the proposed plans with adjacent neighbors and neighborhood organizations before the submittal of an application to the Town. This provides neighbors an opportunity to raise questions and discuss any concerns about the impacts of the project before it is officially submitted. If you are unable to attend, please refer to the Project Contact Information page for ways to contact the applicant. Notified neighbors may request that the applicant provide updates and send plans via email or mail. Once an application has been submitted to the Town, it may be tracked using the Interactive Development Map or the Apex Development Report located on the Town of Apex website at http://www.apexnc.org/180. Applications for Rezoning must hold a second Neighborhood Meeting in the month prior to the anticipated public hearing date.

A Neighborhood Meeting is required because this project includes (check all that apply):

	Application Type	Approving Authority
☑	Rezoning (including Planned Unit Development)	Town Council
☐	Major Site Plan	Technical Review Committee (staff)
☐	Minor Site Plan for the uses "Day care facility", "Government service", "School, public or private", "Restaurant, drive-through", or "Convenience store with gas sales"	Technical Review Committee (staff)
☐	Special Use Permit	Board of Adjustment (QJPH*)
☐	Residential Master Subdivision Plan (excludes exempt subdivisions)	Technical Review Committee (staff)

*Quasi-Judicial Public Hearing: The Board of Adjustment cannot discuss the project prior to the public hearing.

The following is a description of the proposal including any proposed long range plan amendments (also see attached map(s) and/or plan sheet(s)):

The proposal is to rezone the property to Planned Unit Development Conditional (PUD-CZ) to permit a mixed-use development with a mix of housing types and non-residential uses as shown on the attached PUD Preliminary Site Layout Plan.

Estimated submittal date: Submitted December 1, 2025

MEETING INFORMATION:

Property Owner(s) name(s):	See attached Exhibit A
Applicant(s):	Merit Group, LLC c/o Matthew J. Carpenter
Contact information (email/phone):	matthewcarpenter@parkerpoe.com; (919) 835-4032
Meeting Address:	Virtual (Zoom) - See attached notice letter
Date/Time of meeting**:	July 23, 2026

Welcome: 5:30 PM Project Presentation: between 5:30 - 6:30 PM Question & Answer: between 5:30 - 6:30 PM

**Meetings shall occur between 5:00 p.m.-9:00 p.m. on a Monday through Thursday (excluding Town recognized holidays). If you have questions about the general process for this application, please contact the Planning Department at 919-249-3426. You may also find information about the Apex Planning Department and on-going planning efforts at http://www.apexnc.org/180.

Parker Poe
Attorneys & Counselors at Law

To: Neighboring Property Owners and Tenants
From: Matthew J. Carpenter
Date: July 8, 2026

Re: Notice of Second Required Virtual Neighborhood Meeting

You are invited to attend a neighborhood meeting on July 23, 2026 at 5:30 PM to discuss 25CZ24, the requested rezoning of an approximately 32.3-acre assemblage located at 0 N. Salem Street (PIN: 0742362719), 0 N. Salem Street (PIN: 0742366306), 0 N. Salem Street (PIN: 0742362432), 0 N. Salem Street (PIN: 0742350909), 0 N. Salem Street (PIN: 0742353848), 0 N. Salem Street (PIN: 0742363799), 1201 N. Salem Street (PIN: 0742358857), 1205 N. Salem Street (PIN: 0742366583), 1207 N. Salem Street (PIN: 0742363169), 1301 N. Salem Street (PIN: 0742369278), 1303 N. Salem Street (PIN: 0742369479), 1401 N. Salem Street (PIN: 0742368697), 1403 N. Salem Street (PIN: 0742367712), 1405 N. Salem Street (PIN: 0742365731), 1409 N. Salem Street (PIN: 0742360631), and 0 Charlion Downs Lane (PIN: 0742268387) from Residential Agricultural (RA), Rural Residential (RR), and Planned Commercial-Conditional Zoning (PC-CZ) to Planned Unit Development-Conditional Zoning (PUD-CZ) to permit a mixed-use development with a mix of housing types and non-residential uses.

During the meeting, the applicant will describe the nature of the rezoning request, provide updates since the previous neighborhood meetings, and field any questions from the public. Enclosed are: (1) a vicinity map outlining the location of the subject parcels; (2) a zoning map of the subject area; (3) an updated Land Use Map exhibit; (4) an updated PUD plan; (5) a project contact information sheet; and (6) a common construction issues & who to call information sheet.

The meeting will be held virtually. You can participate online via Zoom or by telephone. To participate in the Zoom online meeting:

Visit:	https://zoom.us./join
Enter the following meeting ID:	820 1105 6332
Enter the following password:	028232

To participate by telephone:

Dial:	1 929 205 6099
Enter the following meeting ID:	820 1105 6332 #
Enter the Participant ID:	#
Enter the Meeting password:	028232 #

If you have any questions about this rezoning, please contact me at (919) 835-4032 or via email at matthewcarpenter@parkerpoe.com.

Sincerely,

Matthew Carpenter

0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

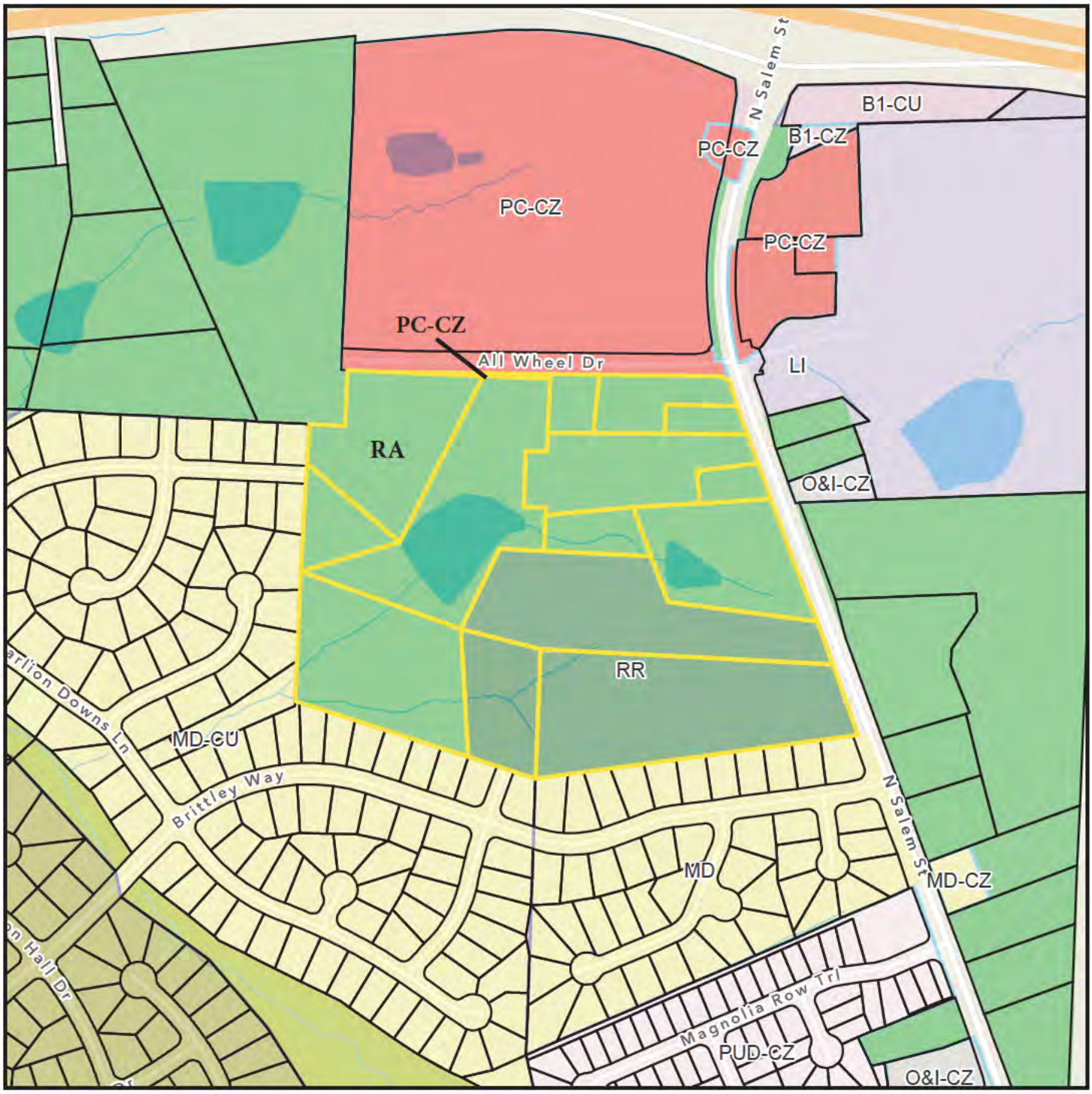
Vicinity Map

0 200 400 800 ft

1 inch equals 400 feet

Disclaimer

*iMaps makes every effort to produce and publish the most current and accurate information possible. However, the maps are produced for information purposes, and are **NOT** surveys. No warranties, expressed or implied ,are provided for the data therein, its use,or its interpretation.*



0/0/0/0/0/0/1201/1205/1207/1301/1303/1401/1403/ 1405/1409 N. Salem Street; & 0 Charlion Downs Lane

N

Zoning Map

0 200 400 800 ft

1 inch equals 400 feet

Current Zoning: RA, RR, PC-CZ

Disclaimer

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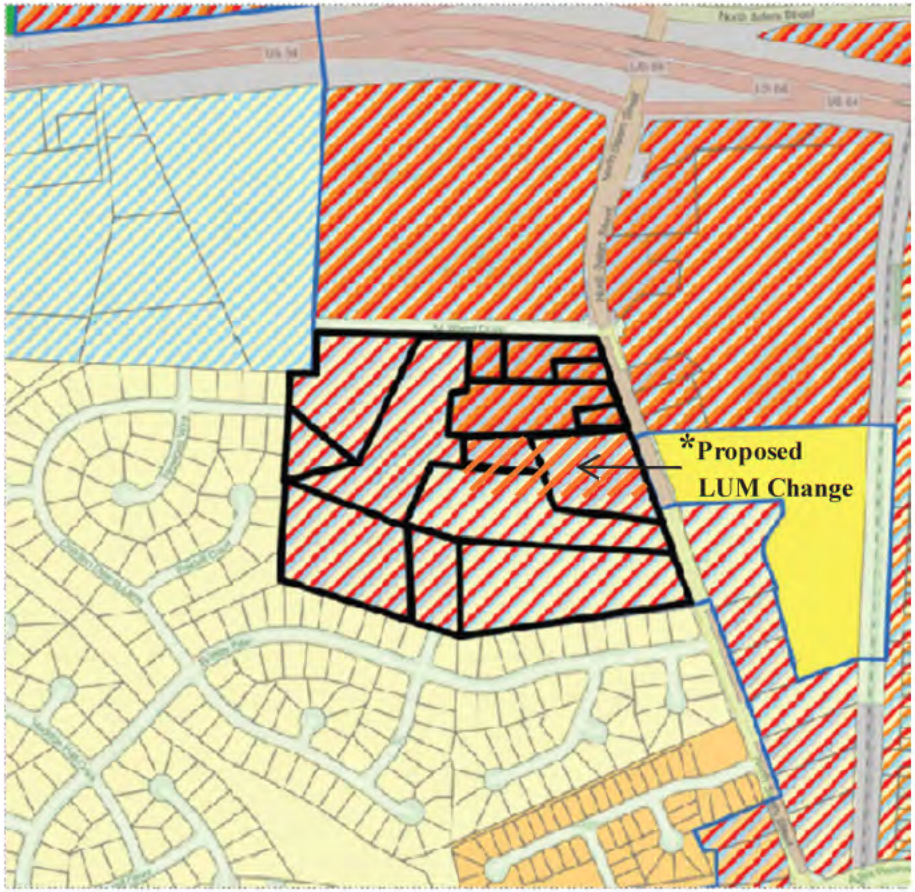
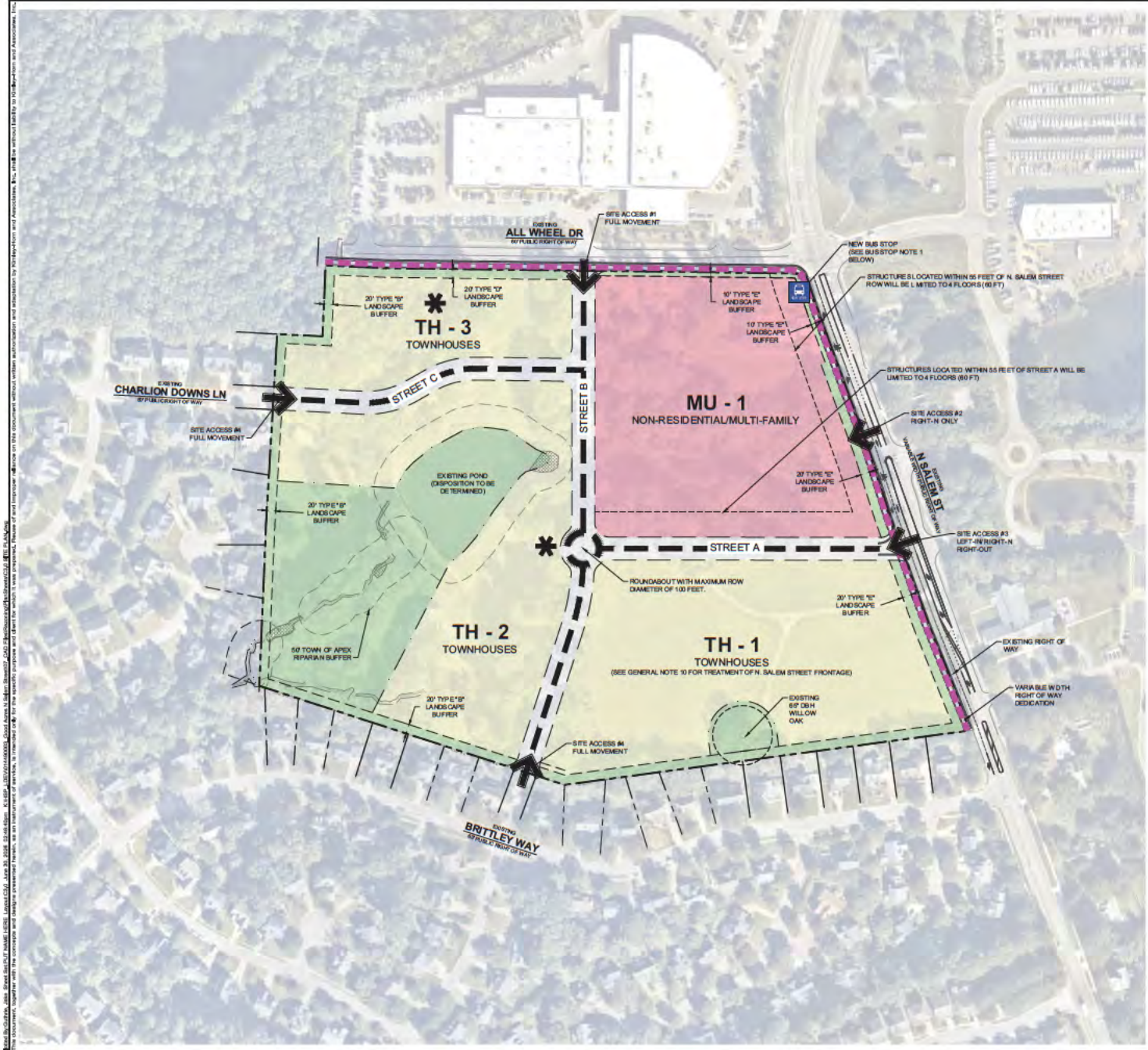
2045 Land Use Map Exhibit



Current LUM Designation:
Medium Density Residential/Office Employment/
Commercial Services; &
High Density Residential/Office Employment/
Commercial Services

Proposed LUM Designation:
Medium Density Residential/Office Employment/
Commercial Services; &
High Density Residential/Office Employment/
Commercial Services



SITE LEGEND

- PROPERTY LINE
- 50' TOWN OF APEX RIPARIAN BUFFER
- LOCAL STREET
- 10' SIDEPATH
- NEW BUS STOP (SEE BUS STOP NOTE 1 BELOW)
- ACTIVE RECREATION AREA PLAY LAWN
- VEHICULAR ACCESS
- EXISTING WETLAND
- PERIMETER BUFFER RESOURCE CONSERVATION AREA (MINIMUM OF 20% OF SITE AREA)
- MULTI-RESIDENTIAL (MULTI-FAMILY, TOWNHOUSES)
- MULTI-FAMILY APARTMENTS; NON-RESIDENTIAL
- TOWNHOUSES

GENERAL NOTES:

1. ALL ZONING PLAN SHEETS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. FINAL DESIGN COMPONENTS SHALL BE DETERMINED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZONING CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN CIRCULATION ARE CONCEPTUAL AND SHALL BE FINALIZED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. TREE PROTECTION FENCING SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
5. ALL PARKING STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE EXCEPT AS MODIFIED BY THE PUD NARRATIVE.
6. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE FINALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
7. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTAINED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
8. SITE ELEMENTS REQUIRED TO SATISFY RECREATIONAL REQUIREMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND IN THE TOWN OF APEX'S STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS AND THE REQUIREMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
9. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHTING, LANDSCAPING, SCREENING, SITE STABILIZATION (SEEDING), PARKING, AND PAVEMENT MARKING, MUST BE COMPLETED PRIOR TO SCHEDULING A FINAL SITE INSPECTION.
10. UNTIL DOT TID IN TH-1 ALONG THE FRONTAGE OF N. SALEM STREET WILL FACE N. SALEM STREET AND TAKE ACCESS FROM THE REAR.

BUS STOP

1. SUBJECT TO NCDOT APPROVAL, A SOUTHBOUND BUS STOP SHALL BE CONSTRUCTED ALONG N. SALEM STREET, SOUTH OF ALL WHEEL DRIVE, ALONG THE FRONTAGE OF MU-1. THE BUS STOP WILL BE CONSTRUCTED TO TOWN STANDARDS AS WELL AS ADA AND PROWAG STANDARDS, INCLUDING:
   - COVERED BUS SHELTER WITH SEATING
   - TRASH RECEPTACLE
   - 2 BIKE RACKS
   - LIGHTING

GRAPHIC SCALE IN FEET 0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
1	REVISIONS PER TOWN COMMENTS	07/02/2026	JTG
2	REVISIONS PER TOWN COMMENTS	06/05/2026	JTG
3	REVISIONS PER TOWN COMMENTS	05/01/2026	JTG
4	REVISIONS PER TOWN COMMENTS	03/05/2026	JTG
5	REVISIONS PER TOWN COMMENTS	02/05/2026	JTG

Kimley»Horn

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#5-10102 WAKE FOREST, NC PHONE: 984-271-4572
10105 SOUTH MAIN STREET, SUITE 250, HOLLY SPRINGS, NC 27540

NORTH CAROLINA PRELIMINARY NOT FOR CONSTRUCTION

H34 PROJECT 00000000
DATE APRIL 2026
SCALE AS SHOWN
DESIGNED BY RCZ
DRAWN BY JTG
CHECKED BY RCZ

PRELIMINARY SITE LAYOUT PLAN

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C3.0

Plotted By:Chris Jones Sheet Set:SUT NAME HERE Layout:C3.0 June 29, 2026 03:06:43pm K:\APEX_LDEV\064900001_Merit Apex N Salem Street\2_CAD Files\Site\Merit Apex Street C3.0 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT CONTACT INFORMATION

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Development Contacts:

Project Name: N. Salem Street Mixed-Use Zoning: Residential Agricultural (RA); Rural Residential (RR); & Planned Commercial-Conditional Zoning (PC-CZ)

Location: See attached Exhibit A

Property PIN(s): See attached Exhibit A Acreage/Square Feet: 32.36 acres

Property Owner: See attached Exhibit A

Address:

City: State: Zip:

Phone: Email:

Developer: Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Engineer: Kimley-Horn c/o Bob Zumwalt

Address: 1070 S. Main Street, Suite 230

City: Holly Springs State: NC Zip: 27540

Phone: (919) 475-7314 Fax: n/a Email: bob.zumwalt@kimley-horn.com

Builder (if known): Merit Group, LLC c/o Matthew J. Carpenter

Address: 301 Fayetteville Street, Suite 1400

City: Raleigh State: NC Zip: 27601

Phone: (919) 835-4032 Fax: n/a Email: matthewcarpenter@parkerpoe.com

Please note that Town staff will not have complete information about a proposed development until the application is submitted for review. If you have a question about Town development standards and how they relate to the proposed development, please contact the appropriate staff person listed below.

Town of Apex Department Contacts	
Planning Department Main Number (Provide development name or location to be routed to correct planner)	(919) 249-3426
Parks, Recreation & Cultural Resources Department Angela Reincke, Parks Planning Manager	(919) 372-7468
Transportation & Infrastructure Development Russell Dalton, Traffic Engineering Manager	(919) 249-3358
Water Resources Department Jessica Bolin, Environmental Engineering Manager (Stormwater, Sedimentation & Erosion Control) Matt Reker, Utility Engineer/FOG Program Manager (Water & Sewer)	(919) 249-3537 (919) 946-4394
Electric Utilities Division Jared Harris, Electric Technical Services Manager	(919) 372-7466

Exhibit A

N. Salem Street Mixed Use
Owner Information Addendum

PIN 0742367712
Address: 1403 N. Salem St.
Owner: Merit Group, LLC
Acreage: 1.06 acre
Current Zoning: Residential Agricultural

PIN 0742368697
Address: 1401 N. Salem St.
Owner: Merit Group, LLC
Acreage: 0.39 acre
Current Zoning: Residential Agricultural

PIN 0742365731
Address: 1405 N. Salem St.
Owner: Geraldine Gilbert Heirs
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742366583
Address: 1205 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 2.54 acres
Current Zoning: Residential Agricultural

PIN 0742369479
Address: 1303 N. Salem St.
Owner: June Thompson
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742369278
Address: 1301 N. Salem St.
Owner: June Thompson
Acreage: 2.80 acres
Current Zoning: Residential Agricultural

PIN 0742363169
Address: 1207 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 4.46 acres
Current Zoning: Rural Residential

PIN 0742358857
Address: 1201 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 5.34 acres
Current Zoning: Rural Residential

PIN 0742353848
Address: 0 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 1.67 acres
Current Zoning: Rural Residential

PIN 0742350909
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.77 acres
Current Zoning: Residential Agricultural

PIN 0742362432
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 4.59 acres
Current Zoning: Residential Agricultural

PIN 0742366306
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.73 acre
Current Zoning: Residential Agricultural

PIN 0742268387
Address: 0 Charlion Downs Ln
Owner: DLG HOLDINGS LLC
Acreage: 0.93 acre
Current Zoning: Residential Agricultural

PIN 0742360631
Address: 1409 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.06 acres
Current Zoning: Residential Agricultural

PIN 0742362719
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.02 acre
Current Zoning: PC-CZ

PIN 0742363799
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.04 acre
Current Zoning: PC-CZ

COMMON CONSTRUCTION ISSUES & WHO TO CALL

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Noise & Hours of Construction:	Non-Emergency Police	919-362-8661

Noise from tree removal, grading, excavating, paving, and building structures is a routine part of the construction process. The Town generally limits construction hours from 7:00 am to 8:30 pm so that there are quiet times even during the construction process. Note that construction outside of these hours is allowed with special permission from the Town when it makes more sense to have the construction occur at night, often to avoid traffic issues. In addition, the Town limits hours of blasting rock to Monday-Friday from 8:00 am to 5:00 pm. Report violations of construction hours and other noise complaints to the Non-Emergency Police phone number at 919-362-8661.

Construction Traffic:	Infrastructure Inspections	919-249-3386

Construction truck traffic will be heavy throughout the development process, including but not limited to removal of trees from site, loads of dirt coming in and/or out of the site, construction materials such as brick and wood brought to the site, asphalt and concrete trucks come in to pave, etc. The Town requires a construction entrance that is graveled to try to prevent as much dirt from leaving the site as possible. If dirt does get into the road, the Town can require they clean the street (see "Dirt in the Road" below).

Road Damage & Traffic Control:	Infrastructure Inspections	919-249-3386

There can be issues with roadway damage, roadway improvements, and traffic control. Potholes, rutting, inadequate lanes/signing/striping, poor traffic control, blocked sidewalks/paths are all common issues that should be reported to Transportation & Infrastructure Development – Infrastructure Inspections at 919-249-1109. The Town will get NCDOT involved if needed.

Parking Violations:	Non-Emergency Police	919-362-8661

Unless a neighbor gives permission, there should be no construction parking in neighbors' driveways or on their property. Note that parking in the right-of-way is allowed, but Town regulations prohibit parking within 15 feet of driveways so as not to block sight triangles. Trespassing and parking complaints should be reported to the Non-Emergency Police phone number at 919-362-8661.

Dirt in the Road:	Water Resources	919-362-8166

Sediment (dirt) and mud gets into the existing roads due to rain events and/or vehicle traffic. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleaning of the roadways with the developer.

Dirt on Properties or in Streams:	Water Resources	919-362-8166

Sediment (dirt) can leave the site and get onto adjacent properties or into streams and stream buffers; it is typically transported off-site by rain events. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the appropriate repairs with the developer.

Dust:	Water Resources	919-362-8166

During dry weather dust often becomes a problem blowing into existing neighborhoods or roadways. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that staff can coordinate the use of water trucks onsite with the grading contractor to help control the dust.

Trash:	Water Resources	919-362-8166

Excessive garbage and construction debris can blow around on a site or even off of the site. These incidents should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed. Staff will coordinate the cleanup and trash collection with the developer/home builder.

Temporary Sediment Basins:	Water Resources	919-362-8166

Temporary sediment basins during construction (prior to the conversion to the final stormwater pond) are often quite unattractive. Concerns should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed so that he can coordinate the cleaning and/or mowing of the slopes and bottom of the pond with the developer.

Stormwater Control Measures:	Water Resources	919-362-8166

Post-construction concerns related to Stormwater Control Measures (typically a stormwater pond) such as conversion and long-term maintenance should be reported by visiting the Report a Concern page at https://www.apexnc.org/1173/ or by calling the number listed.

Electric Utility Installation:	Electric Utilities	919-249-3531

Concerns with electric utility installation can be addressed by the Apex Electric Utilities Department.

NEIGHBORHOOD MEETING SIGN-IN SHEET

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Meeting Address: Virtual via ZOOM

Date of meeting: July 23, 2026 Time of meeting: 5:30 p.m. to 7:00 p.m.

Property Owner(s) name(s): See above Exhibit A

Applicant(s): Merit Group, LLC c/o Matthew J. Carpenter

Please print your name below, state your address and/or affiliation with a neighborhood group, and provide your phone number and email address. Providing your name below does not represent support or opposition to the project; it is for documentation purposes only. For virtual meetings, applicants must include all known participants and request the information below.

	NAME/ORGANIZATION	ADDRESS	PHONE #	EMAIL	SEND PLANS & UPDATES
1.	See attached Attendee List				☐
2.					☐
3.					☐
4.					☐
5.					☐
6.					☐
7.					☐
8.					☐
9.					☐
10.					☐
11.					☐
12.					☐
13.					☐
14.					☐

Use additional sheets, if necessary.

NEIGHBORHOOD MEETING ATTENDEE LIST

Name (original name)	E i
PPAB Land Use	[redacted]
Matthew J. Carpenter (PPAB Land Use	
Fred Engel	
Mike & Vickie Fisher	
F E	
Ryann Griffin	
Sasha Bravo	
Nancy Cowan	
Hunter Forstchen	
Karen Caristo	
Sonia Lai	
Paul Munana	
Lindsay Keane	
Mike & Vickie Fisher	
1	
Randy Roland	
Cheryl Stallings	
Michael Hite	
Rob Baber	
Jessica Conklin	
Lindsay Keane	
Fred Engel	
Michael Hite	
Sonia Lai	
Cheryl Stallings	
Randy Roland	
Rob Baber	
Jessica Conklin	
Hunter Forstchen	
Steven Ball	
Lindsay Keane	
Karen Caristo	
F E	
Nancy Cowan	
Terry Oliver	
Scott McCloskey	
S. Hurwitz	
Kristin S	
S. Hurwitz	
Unlicensed room	
Scott McCloskey	
Kristin S	
Allison Keelor	

Trish S
Unlicensed room
Troy McDaniel
Danielle Livy
Bob Zumwalt
Danielle Livy
Bob Zumwalt
A Zygmuntowicz
Troy McDaniel
Shawn Clark
Allison Keelor
S V
Shawn Clark
Lizette Linares
Mayo Carrington
Karen La
brian adkins
Nicholas Livy
Sarah Gray
Kirk Winkelman
Pam Stewart
B J
Trish S
George Waters
iPhone (63)
Dan Husbands
Carrie Pinsker
Robin's iPhone
ashlee taylor
Uwatu Atcher
Zoom user
Dr. Randall Janka
Eva’s phone ‘24
Laura Tolbert
Zoom user
Michele Kroepers iphone (2)
brian adkins
Nathan Pinsker
Vincent Simorelli
Mike Rusher
Paul Murray
Matt Buffington

[redacted]

SUMMARY OF DISCUSSION FROM THE NEIGHBORHOOD MEETING

This document is a public record under the North Carolina Public Records Act and may be published on the Town's website or disclosed to third parties.

Property Owner(s) name(s): See above Exhibit A

Applicant(s): Merit Group, LLC c/o Matthew J. Carpenter

Contact information (email/phone): matthewcarpenter@parkerpoe.com; (919) 835-4032

Meeting Address: Virtual via ZOOM

Date of meeting: July 23, 2026 Time of meeting: 5:30 p.m. to 7:00 p.m.

Please summarize the questions/comments and your responses from the Neighborhood Meeting or emails/phone calls received in the spaces below (attach additional sheets, if necessary). Please state if/how the project has been modified in response to any concerns. The response should not be "Noted" or "No Response". There has to be documentation of what consideration the neighbor's concern was given and justification for why no change was deemed warranted.

Question/Concern #1:
See attached

Applicant's Response:
See attached

Question/Concern #2:
See attached

Applicant's Response:
See attached

Question/Concern #3:
See attached

Applicant's Response:
See attached

Question/Concern #4:
See attached

Applicant's Response:
See attached

Summary of Neighborhood Meeting
N. Salem Street Mixed Use PUD
July 23, 2026

I. WELCOME
   a. Introduction of Development Team
      i. Matthew Carpenter w/Parker Poe
      ii. Paul Munana and Rick Felice, w/ Merit Group, LLC, the developer
      iii. Bob Zumwalt w/ Kimley-Horn, our landscape architect
   b. Explanation of process. This is the third neighborhood meeting for a potential rezoning request. So, the purpose of tonight's meeting is to explain the changes we have made to the plans during staff review and to get feedback on the revised plan.

II. PRESENTATION
   a. Site Overview - location, environmental constraints of the site, and existing uses adjacent. Goodwin family owns and has long history in Apex.
   b. Existing and Proposed Zoning
      i. The current zoning is Residential Agricultural, Rural Residential, and Planned Commercial Conditional. The proposed zoning district is Planned Unit Development Conditional (PUD-CZ).
      ii. The purpose of the PUD district is to provide - especially for large mixed-use projects - site specific zoning conditions that result in a high quality project.
      iii. Our PUD document is numerous pages which details conditions that will guide the development of the Property.
   c. 2045 Land Use Map (LUM) Designation
      i. The LUM is the primary policy document the Town uses to evaluate rezoning requests. This property is designated as Mixed Use since it has multicolor striped areas with three or more uses. These uses include Office Employment, Commercial Services, Medium Density Residential, and High Density Residential. The LUM recommends higher density residential uses to be located in the northern portion of the assemblage.
      ii. When we developed the plan we started the recommendations on the LUM for this property.
   d. Current PUD Plan
      i. The current plan is to have five districts, each with different permitted uses and development standards. The MU-1 district will permit non-residential and multi-family residential. While the TH-3, TH-4 and TH-5 districts will only permit townhomes.
      ii. The goal is to transition density and intensity down across the site from the intersection of All Wheel Drive and N. Salem Street to the existing single-family neighborhoods to the west and south.
      iii. On the west side, there is a large existing pond that may remain and a stream and riparian buffer. This area will likely remain undeveloped (other than stormwater and utility infrastructure) which will provide some separation between the project and existing neighborhoods.

iv. Changes made to the PUD:
    1. MU-1 = Mixed-Use w/ ground floor retail
    2. Maximum of 285 apartments and 175 townhomes
    3. 10% of units as affordable housing
    4. Buildings limited to 4-stories within 55' of Street A and N. Salem Street.
    5. Called out buffers
    6. Pedestrian Improvements
        a. Bus stop
        b. Pedestrian area with public art at corner of N. Salem and All Wheel Drive
        c. 10 foot side path along All Wheel Drive, N. Salem Street extending to Brittley Way
        d. Off-site sidewalk extension to Brittley Way from internal street B.
        e. Signalized pedestrian crossing from Street A across N. Salem Street
    7. Road Improvements
        a. Stub street connections from Charlion Downs and Frenchchurch Way required by Town
        b. No heavy duty construction traffic through Haddon Hall
        c. Widen N. Salem St. to 3-Lane Thoroughfare Section
        d. Construct second southbound through lane to drop as right turn lane at Brittley Way

e. <u>Streams and Wetlands on Site</u>
    i. Pond 1 (larger one) to be drained and wetland determination at Site Plan
    ii. Pond 2 (farm pond) non-jurisdictional per Town of Apex and US Army Corps, to be drained
    iii. W6, non-jurisdictional per Town of Apex and US Army Corps
    iv. W5 TBD at Site Plan

III. QUESTION AND ANSWER SESSION

1. ***When was the traffic study completed? Did it happen to be when Thales was in session or out for break? This would make a major difference in results of the study and be inaccurate depending on the timing.***
    i. The Town requires that traffic counts be taken while school is in session and was done so here.

2. ***Is there consideration of Townhome 3 being single family homes to keep continuity with the neighborhood?***
    i. We have looked at different options and single-family homes would be difficult here given the land area and would be inconsistent with the LUM. What we are proposing here is more consistent with the LUM, makes more sense for the affordable commitment, and the property's infill location.

3. ***How many apartments are reduced by moving from 5 stories to 4 stories? It looks like you just expanded the footprint on the MU1 to keep the same number of apartments***
   i. We are just moving the apartments, not reducing the number of apartments. The height limitation is in relation to N. Salem Street and Street A.

4. ***There are now two connection points to the neighborhood. Based on the unit numbers and an average of two cars per a unit that's approximately 900 cars that could be routed through Haddon Hall (not even including traffic to commercial space). The safety of the neighborhood is a huge concern with this connection.***
   i. Understood. The development will produce more traffic and we are not hiding from that. Traffic through Haddon Hall was studied in the TIA. Here, given that the site has good access and it will be more efficient for future residents to ingress and egress through these points then take the long way through Haddon Hall.

5. ***This is a terrible idea in this space. Why not single family and townhouses, no apartments. Apex is a residential community, not a large commuter city. So many new apartments buildings sitting vacant around apex.***
   i. The LUM shows apartments here. That plan was adopted around 2021 and was based on stakeholder feedback, council input, and staff review and feedback. There is still a demand for apartments in this area close to downtown, given its central location. Additionally, will include affordable units that will provide an option for people who cannot afford the rising rents.

6. ***Are you also going to commit to putting up no thru traffic signs in Haddon Hall/Place since you think that everyone in this proposed development are going to use a proposed traffic light on Salem to the Peakway to make their way to Hwy 55?***
   i. There will be no construction traffic signs. There will likely not be signs once the construction is completed. The Town views stub streets as providing connection to overall traffic grid and requires new development to connect to these stub streets. Once construction is completed, these completed streets will be public streets and there will likely not be signs prohibiting traffic either way. If you do have specific concerns about how to slow traffic through your neighborhood, there is a separate process for traffic calming that is conducted through the Town.

7. ***What does the phrase non-jurisdictional mean on the wetlands slide?***
   i. It is a technical term and means "not waters of the United States" and is not regulated by the Federal Government and therefore the Town of Apex. When we say that we have a "jurisdictional determination" that means a consultant, in this case Steven Ball, reviews the streams on the property and submit a written request to the Town and U.S. Army Corp explaining why they believe the streams are jurisdictional or non-jurisdictional. The Town's and U.S. Army Corp engineers review the written request and consult together. If needed, they will go to the site and look at the streams and wetland. Then they issue the determination.

8. ***What kickback are you getting from Town Council on this?***

i. The Town Council will review the case and make the final vote.

9. It looks like the updated plan has reduced the overall green space as compared to the original plan. What is the justification for doing that?

i. Our initial plan showed green space around the pond. At that time we were planning to keep the pond in its existing condition. As we have done further studies about the integrity of the dam we have decided the safer decision is to drain the pond. Some of that green was the required buffer around the pond. We will need a new determination after the pond is drained to know if that area becomes wetlands and still must be buffered. Not reducing the amount of RCA, play lawns, and open space are not being reduced. This just gives us the flexibility to add homes below Street C if the drained pond does not become wetlands.

10. There is also a large project with apartments, townhomes and high density housing coming just down the road on Salem Street at Apex Peakway where the bridge is being constructed. Has this been taken into account, in addition to similar zoned recent construction. How much high density housing is too much?

i. It has been taken into account from a market perspective. No developer would undertake the cost of permitting and engineering for a use where the demand is not there for the type of housing. The Town also looks at where higher density is appropriate based on what has been approved, planned population growth, location to major transportation corridors, and places designations on the LUM where high density should be. So, this site has that designation given its proximity to Crossroad Ford, on N. Salem Street, and near a major corridor (US 64).

11. The density of the apartments and townhouses concerns me. How close are these buildings, what parking density looks like?

i. There are setback along N. Salem Street and All Wheel Drive. There will only be one bay of parking between N. Salem Street and All Wheel Drive. Parking will meet Town of Apex minimum requirements.

12. So cutting through Brittley and Charlion Downs is going to become a primary access route for hundreds of residents and shoppers from the Peakway?

i. Neither of those streets will be the development's primary points of access.

13. What types of commercial are planned for that zone?

i. The goal for that area is neighborhood-serving commercial uses. So things like, restaurants (potentially with outdoor dining), retail, boutique gyms. The goal along N. Salem street is to create a pedestrian streetscape with uses that activate the area. There is a longer list in the PUD text document. The list of permitted uses in the PUD document are the only uses we can use and these uses have been wilted down based on staff review.

14. A left turn (and right run as well) out of Brittley onto Salem is terrible and it's not just at morning and evening commute. Why not a stoplight here?

i. If the traffic signal at Brittley was deemed warranted by the Traffic Impact Analysis then we would have been required to construct it. Additionally, NCDOT prepares a minimum separation of 1,200 feet between signals. The separation between Brittley and the Peakway is about 960 feet which is less than what NCDOT likes to see. The traffic signal could be warranted later with other development or the Town.

15. How can we find more information about how the runoff from the development may impact the drainage into Haddon hall via the non-jurisdictional streams?

i. The UDO requires us to retain all of our stormwater runoff on site. As part of this project, the developer willl be installing stormwater retention ponds that will hold and slow down the stormwater on site. Currently, the property has no engineered stormwater drainage and when it rains the stormwater is not channeled anywhere. We expect the drainage situation to improve based on the stormwater retention ponds the developer will be required to construct.

16. Have u considered a greenway improvement or easement / dedication to connect into the Haddon hall greenway that is on the books to be expanded. If not maybe consider as it could be big draw and benefit to all.

i. We did discuss different greenway connections with staff. Where those conversations ultimately landed was that 10-foot separated side paths on N. Salem and All Wheel Drive will meet the same connectivity goal as the greenway connection would. There will also be sidewalks along the internal streets.

17. Is the plan to put townhomes in the section of TH-2 south of street c and north of the streams?

i. Potentially. The zoning would allow it but ultimately the ability to place townhomes there depends on the determination after the pond is drained and whether that area becomes wetlands.

18. Have you considered permit/zoned parking for the residents of the development?

i. For the townhomes, they will either be rear-loaded, where they have parking behind, or front-loaded where they have a garage. The mixed-use area will have a parking lot that will serve the residents and commercial spaces.

19. How many actual apartment buildings can fit in MU-1?

i. Still in zoning so do not have a final site plan, but have done sketches and will have 3 or 4 buildings at the most.

20. Are there measures in place so residents have first priority to purchase a unit as opposed to investors? Wondering how this works in Apex in general as this impacts the feeling in our community.

i. Apartments project will be rental units, most likely. The townhomes will most likely be for sale. There is not a process to exclude corporate buyers but this is not a build to rent project at this point. Also, there was a recent US law change regarding corporate ownership of homes that include some limitations.

21. In addition to the 400+ MU1 units, how many more townhomes will be on TH1, 2 and 3?

i. The total number of units is 450 across the entire site, not just MU-1, only 285 apartments would be permitted MU-1. Only 175 townhomes would be permitted in TH-1, TH-2, and TH-3 districts.

22. How can we view the results of the traffic study?

i. The TIA is on file with the Town, and can request a copy from them. The case planner is June Cowles. If have questions about the TIA can reach out to Matthew.

23. Will residents of Haddon Hall still be able to turn left out of the neighborhood (from Brittley onto N Salem)?

i. Yes, there is not a median proposed on N. Salem Street with this project that would prevent left-turns off Brittley. Additionally, with this development residents from Haddon hall could go through the site, through the roundabout, to access the signal.

24. So basically everything that is wetland is going to be drained? what is the point of wetland protection?

i. We have received some concerns about the non-jurisdictional wetland and farm pond that are not shown on the plans and will be drained. There are jurisdictional wetlands and a stream on the site that will be buffer and not disturbed. One wetland and the large pond will need further study at site plan. Again, we cannot do anything without the guidance and stream determination of the U.S. Army Corp.

25. Does the recent change in parking minimums law impact this project?

i. There was a bill that eliminated parking minimums in almost all municipalities in NC, but that does not mean this project, or future project, would be built without parking. Parking will still be needed for the apartments, townhomes, and retail to function and be marketable. So, even if the UDO no longer requires a specific minimum number of spaces, the amount of parking provided will still be driven by market demand, tenant needs, and practical site design.

26. How many trees are you planning to plant in this development?

i. Don’t have a specific number yet because early in the design stage. There is a required density of trees required for parking, buffers, and RCA outlined in the UDO.

27. For the W5 in the bottom left, what specifically will they be reviewing?.

i. The Army Corp would be reviewing additional documentation provided by the developer demonstrating why the wetland is non-jurisdictional. This will likely involve a site visit from the Army Corp as well.

28. ***You keep mentioning land use has been approved. What's been approved and by who? I didn't think the rezoning was approved yet.***
    i. Correct, the rezoning is not approved. Had mentioned that the LUM was approved by the Town Council around 2021.

29. ***What percentage of storm water from the site will be drained down the creek that runs behind Charlion Downs Lane flowing west***
    i. Not sure of the specific percentage but, all stormwater from the site will be captured, treated, and slowly released overtime into the creek in the southwest of the site.

30. ***What are these new townhomes and apartments going to look like? boring all-one color boxes?***
    i. No, we have an extensive list of architectural conditions in the PUD text which were recommended by staff. Also have elevations that were submitted with the project and ultimately approved by the Town Council. Elevations are photo examples of types of architectural styles could build.

31. ***I understand there is a certain percentage noted for the environmental protection and that percentage is a requirement. Is there a chance the location of that green zone specific to around the current housing is going to change?***
    i. The current green area shown on the PUD plan will not change and likely to remain. Some green areas near the pond may change which is why we have shown it with the dashed line now. If remove RCA for one area of the site, then we have to show it somewhere else on site.

32. ***Who decided it was "safer" to drain the pond?***
    i. After reviewing the pond conditions, including what it looks like underwater, and having consultants study the dam, the development team determined that draining the pond was the safer option. The main concern is the potential for the dam to fail, which could send water downstream toward the existing homes.

33. ***Does that stormwater control engineering plan for extreme circumstances such as hurricanes?***
    i. It must meet Town's engineering and UDO requirements, including design standards for specified storm events. The standards look at different storm frequencies and how runoff is captured, treated, and released. Reach out to Matthew for a follow up with the exact storm event criteria, but the intent is that the stormwater system will be engineered to meet the Town's required standards.

34. ***What will a FOUR story home look like? Any pictures?***
    i. The four stories will be apartments and townhomes will be 3 stories. We have elevations of what the apartment buildings will look like that will also be approved with the rezoning.

35. ***They are going to let tax payers pay for the greenway, no need for them to take on extra cost.***

i. We have agreed to many additional conditions that are not required and will cost the developer money. As discussed, off-site sidewalk construction, off-site side path construction, architectural conditions, constructing a bus stop, widening of N. Salem for length frontage. Also, are required to do a number of improvements now which Haddon Hall was not required to do when it developed. For example, perimeter buffers.

36. When you say affordable housing, what is the predicted rents of apartments & sales price of townhomes?

i. Don't have the exact rental and for sale prices, but it will be based on Average Median Income which is published by HUD every quarter. The calculation for rental is 80% divided by 12 (each month) and then assume 30% of income on rent. For sale is more difficult calculation and more complicated because have to consider additional things like interest rates on homes.

37. What is the maximum height allowed (in feet or stories) for the tallest building within the MU-1 area? What is your target building height?

i. 5 stories and 70 feet.

38. There is water running down W5 right now after all this rain so recipe for disaster if changed

i. The way water drains now is natural and will change after we install stormwater controls.

39. Copy of recording?

i. Yes, email Matthew and will provide.

40. What is the proposed height /stories of the Townhomes, and how close will they be built to existing homes in Haddon Hall?

i. Maximum height for townhomes will be 3 stories, with a maximum height of 45 feet. Along the edge near Haddon Hall, there will be a 20-foot Type B buffer owned and maintained by the HOA, which cannot be disturbed. The townhomes will also be subject to a setback, which will provide additional separation from the existing homes.

41. What are you doing that goes beyond "the minimum required"?

i. Basically, everything in the PUD text if approved would be conditions on the property that go above and beyond what the UDO would require. This includes pedestrian improvements: public art, pedestrian area, bus stop that the developer will construct and then dedicate to the town, signalized pedestrian crossing, 10foot side paths along frontage of the property, internal streets and offsite side path construction that were not done by the developers of Haddon Hall. Road improvements include widening of N. Salem street and right turn lane Brittley. Also, all the architectural conditions, environmental commitments, and 10% affordable housing.

42. Did the developer ever consider a data center?

i. No, given the proximity to downtown and the LUM designation that use would not be appropriate for the site.

43. If the town would allow, would you consider turning the Road C back to All Wheel Drive instead of connecting to Charlion. Giving two exits onto All Wheel Drive.

i. We are required to connect to Charlion Down because of the stub street. Also, not due to the topographical change the only connection to All Wheel Drive that is feasible is the current location.

44. Can you identify the income ranges so people understand what 80% of AMI is and 120% of AMI is?

i. Don't have those numbers right now but can follow up on that. Want to make sure pulling up most up to date.

45. By what multiple does the total amount of runoff created by the site increase with the conversion from farmland to hard surface?

i. Stormwater impact analysis will have to show that the before and post-development runoff are the same.

46. Will this look like Sweetwater east?

i. This is a different developer and not designed to look like it. We have looked at some examples from Sweetwater that Town Staff has liked that we have tried to incorporate into this project like wider sidewalks, landscaping, retail uses, and restaurant uses to allow outdoor dining.

47. Hear complaints about limited parking from the residents at the townhomes at the front of the neighborhood. I am curious if those were built under the same parking standards and if the residents of this new development will have the same issues.

i. Not sure what the parking standard was when those townhomes were constructed but were likely a different standard. There is a lot more market data that developers have so these townhomes will likely have adequate parking. There will be townhomes with garages, at least a parking space in front of the garage, and guest parking.

48. Why not change the MU-1 to more townhomes instead? Why are so many apartments needed in this area?

i. Again, we are trying to follow what is shown on the LUM and other people think this a mixed-use development which higher density residential does fit the area.

49. If it does get approved would the developer consider adding additional speed bumps on connecting streets in Haddon Hall as part of their improvements.

i. Unfortunately, I don't think we can do those improvements as neighborhood traffic calming measures are a process that must go through the Town since they are public streets.

50. So the developer is paying for the widening of Salem Street, not the taxpayers? Along with a bus stop and sidewalks? And the pedestrian safety crosswalk?

i. Correct. All paid for by the developer and dedicated to the town and without cost to taxpayers.

51. When is CC?

i. Planned for September.

52. What will be at those recreational markers on the map (playgrounds? Or what?) and will Haddon Hall residents / public be allowed to use? Similarly will the Haddon hub peeps seek to use our amenities? Could consider a reasonable charge

i. Most likely if there is community center or amenity area constructed with this project it will be owned and maintained by the HOA, just like Haddon Hall. The play lawns, not shown on the plan now but during site plan would be not be restricted.

53. Who are the other people that agree this is the best plan? Terry, King of Council?

i. No one from Town Council has approved these plans. They still have to hold a public hearing and hold a vote on it, so no decisions have been made yet.

54. Is there any chance the rezoning will fail? and if so, what is the developers plan, will they come back with a plan the community doesn't dislike to this level?

i. We don’t know what the outcome of this rezoning will be like yet. If the rezoning is denied the property won’t be developed by this PUD plan but the Goodwin Family, who was been in Apex for over 100 years, wants to sell the land and worked with neighbors to assemble and sell the property. This plan is generally consistent with LUM and a host of public benefits. There would likely be another project in the future and not know what that would look like and if it would commit to the same things.

55. Apologies if this detail has been answered about stormwater discharge, given the amount of impermeable surface being installed, and the two streams shown in the southwestern quadrant feeding onto and into Haddon Hall property, what specific measures was Bob Zumwalt referring to that will ensure the additional stormwater collected will not increase the downstream flow into and onto Haddon Hall property? There already is flooding occurring during normal rainfall events, and the impact will be quite obvious.

The Town has ordinances and requirements in place that requires the development to capture and retain stormwater the hits impervious surfaces. The stormwater is then slowly released at a rate equal to or less than before development.

56. Does the developer already own the land?

i. No, the developer is under contract to purchase the land.

57. What all influence does city council have on this process?

i. They approve or deny the request.

58. Did the developer get any input from the neighbors before telling them what they are building? It seems they chose to build as many units as possible without consulting those whom it impacts.

i. This is the 3rd neighborhood meeting we have held to consultant with the neighborhood. After these meetings we have tried to revise our request to more consistent with both the Town's plans and neighborhood feedback.

59. How does the land use plan get changed? Town council? A vote? Highest bidder?

i. LUM adoption is a very long process and takes over a year. The Town runs the process and not a developer. Staff works on the plan then there are a number of meetings for community members to give their options. The plan is then revised, numerous times before it is finalized. Then the LUM gets voted on and adopted by Town Council.

60. Where will the retention ponds be located?

i. Because we don't have a subdivision plan finalized yet we don't know exact location but generally near the lowest areas on the site which is where the water drains. The general location will be in the southern part of TH-2 and on the northern side of the riparian buffer.

N. SALEM STREET MIXED-USE

Planned Unit Development

Apex, North Carolina

Submittal Dates
First Submittal: December 1, 2025
Second Submittal: February 6, 2026
Third Submittal: March 6, 2026
Fourth Submittal: May 1, 2026
Fifth Submittal: June 5, 2026
Sixth Submittal: July 2, 2026
Seventh Submittal: August 7, 2026

Developer
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VICINITY MAP

PROJECT DATA

Name of Project:	N. Salem Street Mixed-Use
Property Owner:	See attached **Exhibit A**
Developer:	Merit Group, LLC 5053 Sunset Fairways Drive Holly Springs, NC 27540
Prepared by:	Parker Poe Adams & Bernstein LLP 301 Fayetteville Street, Suite 1400 Raleigh, NC 27601 Kimley-Horn 1070 S. Main Street, Suite 230 Holly Springs, NC 27540
Current Zoning:	Residential Agricultural (PINS 0742367712, 0742368697, 0742365731, 0742366583, 0742369479, 0742369278, 0742350909, 0742362432, 0742366306, 0742268387, 0742360631); Rural Residential (PINS 0742363169, 0742358857, 0742353848); Planned Commercial Conditional (PINS 0742362719, 0742363799)
Proposed Zoning:	Planned Unit Development Conditional Zoning (PUD-CZ)
Current 2045 LUM Designations:	Mixed-Use (Office Employment, Commercial Services, Medium Density Residential, High Density Residential)
Proposed 2045 LUM Designations:	Mixed-Use (Office Employment, Commercial Services, Medium Density Residential, Increase of High Density Residential)
Site Address:	See attached **Exhibit A**
Property Identification Number:	See attached **Exhibit A**
Total Acreage:	32.35 acres

Area Designated as Mixed Use on LUM: 32.13 acres

Area Proposed as Non-Residential: 8.0 acres of the 32.35-acre Property (MU-1 to centerline of Streets A and B)(25.0%). Note the 20.31-acre Crossroads Ford property (PIN 0742374226) is entirely commercial and included in the mixed-use area south of US 64 shown on the LUM. For purposes of evaluating LUM consistency, if the Property and the Crossroads Ford property are considered together, 53% of the area south of US 64 and west of N. Salem Street will be non-residential (28.31 acres non-residential) (8 acres + 20.31-acre Crossroads Ford property)/52.66 total acres).

PURPOSE STATEMENT

This document and the accompanying exhibits (collectively, the "PUD") are provided pursuant to the Town of Apex Unified Development Ordinance ("UDO") Planned Unit Development provisions.

The N. Salem Street Mixed-Use PUD affects the vision of the 2045 Land Use Map for a vibrant 32-acre mixed-use community at the northern entrance to downtown Apex. The four districts shown on the attached Concept Plan are designed to place higher density apartments and integrated commercial uses at the corner of N. Salem Street and All Wheel Drive to create a walkable community, with density and intensity transitioning down towards existing single-family neighborhoods to the south and west.

CONSISTENCY WITH PLANNED UNIT DEVELOPMENT STANDARDS

(i) The uses proposed to be developed in the PD plan for PUD-CZ are those uses permitted in Sec. 4.2.2 Use Table

RESPONSE: The uses permitted within this PUD are permitted within this designation in the UDO Section 4.2.2 Use Table.

(ii) The uses proposed in the PD Plan for PUD-CZ can be entirely residential, entirely non-residential, or a mix of residential and non-residential uses, provided a minimum percentage of non-residential land area is included in certain mixed-use areas as specified on the 2045 Land Use Map. The location of the uses proposed by the PUD-CZ must be shown in the PD Plan with a maximum density for each type of residential use and a maximum square footage for each type of non-residential use.

RESPONSE: The N. Salem Street Mixed-Use PUD includes a mix of housing types and non-residential uses. All parcels in the PUD have three stripes on the LUM and the PUD provides an 8-acre mixed-use district (MU-1) that integrates apartments and a minimum of 10,000 square feet of vertically integrated non-residential uses.

(iii) The dimensional standards in Sec. 5.1.3 Table of Intensity and Dimensional Standards, Planned Development Districts may be varied in the PD Plan for PUD-CZ. The PUD-CZ shall demonstrate compliance with all other dimensional standards of the UDO, North Carolina Building Code, and North Carolina Fire Code.

RESPONSE: This PUD specifies intensity and dimensional standards for the project. The proposed PUD is consistent with the UDO Planned Unit Development standards – to provide site specific, high-quality neighborhoods that preserve natural features and exhibit compatibility with, and connectivity to, surrounding land uses. Except as specifically stated

in this PUD, the development will comply with all requirements of the UDO and all applicable requirements of the North Carolina Building Code and the North Carolina Fire Code.

(iv) The development proposed in the PD Plan for PUD-CZ encourages cluster and compact development to the greatest extent possible that is interrelated and linked by pedestrian ways, bikeways and other transportation systems. At a minimum, the PD Plan must show sidewalk improvements as required by the Advance Apex: The 2045 Transportation Plan and the Town of Apex Standard Specifications and Standard Details, and greenway improvements as required by the Town of Apex Parks, Recreation, Greenways, and Open Space Plan and the Advance Apex: The 2045 Transportation Plan. In addition, sidewalks shall be provided on both sides of all streets for single-family detached homes.

RESPONSE: The PUD includes construction of 10-foot side paths on All Wheel Drive and N. Salem Street as shown on the Transportation Plan. Additionally, the project will include sidewalks on both sides of internal streets. The project will also close two important offsite pedestrian connectivity gaps left Haddon Hall; it will construct a 5-foot sidewalk along Frenchurch Way to connect to existing sidewalk on Brittley Way and a 10-foot side path along N. Salem Street to the intersection of N. Salem St. and Brittley Way.

(v) The design of development in the PD Plan for PUD-CZ results in land use patterns that promote and expand opportunities for walkability, connectivity, public transportation, and an efficient compact network of streets. Cul-de-sacs shall be avoided unless the design of the subdivision and the existing or proposed street system in the surrounding area indicate that a through street is not essential in the location of the proposed cul-de-sac, or where sensitive environmental areas such as streams, floodplains, and wetlands would be substantially disturbed by making road connections.

RESPONSE: The proposed street layout has been designed to enhance pedestrian and vehicular connectivity while protecting sensitive environmental features and being mindful of existing residential development. The development will complete cross-access connections by connecting to the existing stub street at Frenchurch Way. Additionally, the proposed PUD will connect to All Wheel Drive and N. Salem Street. Charlion Downs Lane will be finished as a public street which will provide both a vehicular and sidewalk connection through the proposed TH-3 district.

(vi) The development proposed in the PD Plan for PUD-CZ is compatible with the character of surrounding land uses and maintains and enhances the value of surrounding properties.

RESPONSE: The proposed development is compatible with the character of the existing and planned uses in the surrounding area. This area of the Town is considered the gateway to downtown and is primed for mixed-use developments to serve as a transition from single-

family housing to downtown higher-density residential and commercial uses. As recommended by the LUM, higher density multi-family is concentrated at the intersection of All Wheel Drive and N. Salem Street with townhomes and/or RCA/open space adjacent to existing single-family homes in Haddon Hall.

(vii) The development proposed in the PD Plan for PUD-CZ has architectural and design standards that are exceptional and provide higher quality than routine developments. All residential uses proposed in a PD Plan for PUD-CZ shall provide architectural elevations representative of the residential structures to be built to ensure the Standards of this Section are met.

RESPONSE: The development will feature high quality and thoughtful design. Architectural standards, design controls, and conceptual elevations are included in this PUD.

CONSISTENCY WITH CONDITIONAL ZONING STANDARDS

N. Salem Street Mixed-Use PUD is consistent with the conditional zoning standards set forth in UDO Section 2.3.3.F.1-10. Please see the accompanying PUD-CZ Application for the statements of consistency addressing each standard.

PERMITTED USES

The Property may be used for the uses listed below. The permitted uses are subject to the limitations and regulations stated in the UDO and any additional limitations or regulations stated below. For convenience, some relevant sections of the UDO may be referenced; such references do not imply other sections of the UDO do not apply. Homeowners Association covenants shall not restrict the construction of accessory dwelling units.

	MU-1 District	***TH-1 District***	***TH-2 District***	***TH-3 District***
Residential				
Townhouse		P	P	P
Townhouse, detached		P	P	P
Small-scale multi-family*	P			
Multi-family or apartment	P			
Accessory apartment	P	P	P	P
Recreational Uses				
Park, active	P	P	P	P
Greenway	P	P	P	P
Park, passive	P	P	P	P
Recreation facility, private	P	P	P	P
Utility, minor	P	P	P	P
Non-Residential Uses				
Restaurant, general	P			
Medical or dental office or clinic	P			
Medical or dental laboratory	P			
Office, business or professional	P			

	MU-1 District	***TH-1 District***	***TH-2 District***	***TH-3 District***
Research facility	P			
Parking garage, public	P			
Artisan Studio	P			
Barber and beauty shop	P			
Book store	P			
Convenience store	P			
Dry cleaners and laundry service	P			
Farmer's market	P			
Financial institution, no drive-through	P			
Floral shop	P			
Grocery, specialty	P			
Health/fitness center or spa**	P			
Newsstand or gift shop	P			
Personal service	P			
Pharmacy	P			
Printing and copying service	P			
Real estate sales	P			
Retail sales, general	P			
Studio for art	P			
Tailor shop	P			
Pet services	P			

	MU-1 District	***TH-1 District***	***TH-2 District***	***TH-3 District***
Drop-in or short-term day care	P			
Veterinary clinic or hospital	P			
Utility, minor	P			
Microbrewery	P			
Microdistillery	P			
Bar, nightclub, wine bar, or taproom***	P			

*Small scale multi-family shall be defined as a building constructed to accommodate between two and ten dwelling units that are vertically or horizontally integrated. Multiple small-scale multi-family buildings may be located on one lot.

**Health/fitness center or spa uses shall not exceed 10,000 sf in the aggregate and shall not exceed 4,000 sf per individual use. The 10,000 sf maximum shall not include Health/fitness center or spa uses that are accessory to Multi-family or apartment, or other residential uses.

*** Hours of operation Sunday through Thursday shall close by 12 AM and hours of operation Friday through Saturday shall close by 2 AM.

AFFORDABLE HOUSING

A minimum of ten percent (10%) of the total units on the property shall be affordable housing units. The affordable units shall be for sale or for rent units, at the election of developer prior to issuance of building permits for the affordable units. The affordable units may be all townhouses, detached townhouses, small-scale multi-family, multi-family or apartment, or a combination thereof, at the discretion of the developer. Final affordable housing unit floor plan selection which includes unit size and bedroom size will be at the discretion of the developer. If the affordable units calculation results in a fraction between 0.50 and 0.99, the affordable units shall be rounded up to the nearest whole number. If the affordable units calculation results in a fraction between 0.01 and 0.49, the affordable units shall be rounded down to the nearest whole number.

For sale affordable units (the "For Sale Units") shall be subject to the following terms and conditions:

- The For Sale Units shall be constructed on-site and sold (includes unit price and lot price) at a mutually agreeable maximum affordable median income ownership initial sales price (the "Initial Sales Price").
- The For Sale Units shall be occupied by households earning no more than one-hundred twenty (120%) of the Raleigh NC Metropolitan Statistical Area (MSA), Area Median Income (AMI) as most recently published by HUD (the "Income Limit"). For purposes of calculating the Initial Sales Price for the For Sale Units, affordable shall mean a reasonable down payment and monthly housing costs expected during the first calendar year of occupancy, including utilities or utility allowances, mortgage loan principal and interest, mortgage insurance, property taxes, homeowner's insurance, homeowner's association dues, if any, and all other property assessments, dues and fees assessed as a condition of property ownership (the "Housing Costs"). For purposes of the calculation, monthly Housing Costs shall not exceed thirty percent (30%) of the Income Limit divided by twelve (12).
- A restrictive covenant (i.e. resale deed restriction) with a minimum affordability period of twenty (20) years (the "Affordability Period") shall be recorded in the Wake County Registry against the For Sale Units concurrently at the close of escrow upon the sale of each For Sale Unit.
- Following the first sale of the For Sale Units to a buyer for use as a residence, Developer shall not be responsible for managing the For Sale Units or performing marketing, applicant screening, and selection related to future sales of the For Sale Units.

For rent affordable units (the "Rental Units") shall be subject to the following terms and conditions:

- The Rental Units shall be occupied by low-income households earning no more than eighty percent (80%) of the Raleigh, NC Metropolitan Statistical Area (MSA) Area Median Income, as most recently published by the U.S. Department of Housing and Urban Development (HUD) for a period of thirty (30) years starting from the date of issuance of the first residential Certificate of Occupancy (the "Affordability Period").
- Prior to issuance of the first Certificate of Occupancy for the Rental Units, a restrictive covenant between the Town and property owner shall be executed and recorded in the Wake County Registry to memorialize the affordable housing terms and conditions.
- During the Affordability Period, the property owner shall submit annual compliance reports to the Town to verify compliance with the affordable housing terms and conditions.
- Following expiration of the Affordability Period, this affordable housing condition shall expire, and the property owner shall be relieved of all obligations set forth in this affordable housing condition, and the Rental Units may be freely marketed and leased at market rate rents.

DESIGN CONTROLS

Acreages for each district are approximate and may increase or decrease by up to 20% based on updated surveys at Master Subdivision Plan.

Development shall comply with the following minimum design controls:

ALL DISTRICTS	
Maximum Total Units	460
Maximum Multi-Family Units	285
Maximum Townhouse/Small Scale Multi-Family Units	175 TH-1 District and TH-2 District combined shall not exceed 120 units.
Maximum Non-Residential Square Footage	22,000 sf
Minimum Non-Residential Square Footage	10,000 sf

	Small Scale Multi-family	**Front Loaded Townhouses**	**Rear Loaded Townhouses***	**Multi-Family**	**Mixed-Use*** **
Minimum Lot Size	None	None	None	None	None
Minimum Lot Width	18 ft.	18 ft.	18 ft.	None	None
Minimum Setbacks					
Front	10 ft.	5 ft. (building façade); 20 ft. (garage)	5 ft. (building façade)	10 ft.	10 ft.

	Small Scale Multi-family	**Front Loaded Townhouses**	**Rear Loaded Townhouses***	**Multi-Family**	**Mixed-Use*****
Corner Side	8 ft.	8 ft.	8 ft.	10 ft.	10 ft.
Rear	10 ft.	10 ft.	4 ft. (to edge of alley)	10 ft.	10 ft.
Minimum Building Separation	10 ft.	10 ft.	10 ft.	30 ft.	20 ft.
Minimum from Buffer/RCA	Buildings: 10 ft. Parking: 5 ft.	Buildings: 10 ft. Parking: 5 ft.	Buildings: 10 ft. Parking: 5 ft.	Buildings: 10 ft. Parking: 5 ft.	Buildings: 10 ft. Parking: 5 ft.
Maximum Building Height	3 stories; 45 ft.	3 stories; 45 ft.	3 stories; 45 ft.	4-story buildings: 60 ft.; 4/5-story split buildings: 70 ft.	Vertically Mixed-Use Building: maximum of 5-stories/75 ft.**

*Townhouses in TH-1 and Small Scale Multi-family within MU-1 along the N. Salem Street frontage shall address N. Salem Street and have alley access from the rear.

**As shown on the PUD Preliminary Site Layout Plan, structures located within 55 feet of the N. Salem Street right of way shall have a maximum of four stories and a maximum height of 60 feet and structures located within 55 feet of Street A shall have a maximum of four stories and a maximum height of 60 feet

***Standalone non-residential buildings (buildings with no residential uses where the only uses are non-residential) shall be prohibited.

The following building placement controls shall apply in the MU-1 district:

- Within 100 feet of the intersection of Street A and Street B and the intersection of Street A and N. Salem Street, no parking bays or drive aisles shall be permitted between a building's front façade and the adjoining street.
- The corner of N. Salem Street and All Wheel Drive shall be anchored by a building with no more than one double-loaded (parking on each side of drive aisle) parking bay and drive aisle between the street and building.
- To facilitate outdoor dining and gathering, mixed-use buildings shall include a minimum 12-foot wide sidewalk along the facades of non-residential uses. This sidewalk shall include landscaping features (by way of example, tree walls, planting beds, potted plants, and similar amenity elements), provided that no portion of such sidewalk serving as a pedestrian travel path shall be less than 6 feet wide.

LANDSCAPING, BUFFERING, AND SCREENING

Perimeter buffers shall be built and planted to the following lot width and planting standards:

Location:	**Buffer Size & Type:**
Along N. Salem Street	15 ft. Type E and 20 ft. Type E*
Along the south side of All Wheel Drive adjacent to MU-1 District	15 ft. Type E
Along the south side of All Wheel Drive adjacent to TH-3 District	20 ft. Type D
Along the southern perimeter adjacent to the Haddon Hall and Haddon Place single-family residential neighborhoods	20 ft. Type B
Along the western perimeter adjacent to the Haddon Hall and Haddon Place single-family residential neighborhoods	20 ft. Type B

* See PUD Preliminary Site Layout Plan for location of buffers.

Community Amenities

In addition to the permitted Community Amenities described in UDO sec. 8.4.3., one of the required Community Amenities for MU-1 shall be public art. The public art shall be reviewed and approved by the Planning Director as set forth in UDO Section 8.4.5 and the location shall be determined by developer during Site plan review, but must be located within the public view.

ARCHITECTURAL STANDARDS

N. Salem Street Mixed-Use PUD offers the following architectural controls to ensure a consistency of character throughout the development, while allowing for enough variety to create interest and avoid monotony. Elevations included are conceptual examples. Final elevations must comply with these architectural standards but may vary from the conceptual elevations. Further details may be provided at the time of Residential Master Subdivision Plan submittal.

RESIDENTIAL DESIGN GUIDELINES

Townhouses along/facing N. Salem Street:

1. Townhouse buildings shall not exceed 5 townhouse units per building.
2. Townhouse buildings shall have a roof break every townhouse unit.
3. Townhouse units shall include a minimum of 3 steps to the front porch.
4. Townhouse front facades shall have a varied setback for each unit.
5. Townhouse building facades shall have horizontal relief achieved by the use of recesses and projections.
6. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
7. Front entrances shall include a architecture covered porch/stoop area leading to the door.
8. The front, side, and rear elevations of the units facing public right-of-way shall have trim around the windows.
9. The visible side of a townhouse building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.
10. The visible side of a townhouse building on a corner lot facing the public street shall include a wrap-around porch or bay window pop-out.
11. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
12. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
13. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance.

Townhouses adjacent to single-family homes:

1. Townhouse buildings where the front facades or rear facades of townhouses are parallel with the southern shared property line with lots in Haddon Hall, shall not exceed 4 townhouse units per building. Townhouse buildings where the front facades or rear facades of townhouses are not parallel with the southern shared property line with lots in Haddon Hall shall not exceed 6 townhouse units per building.
2. Townhouse units shall have a roof break every townhouse unit or every other Townhome unit.
3. Building facades shall have horizontal relief achieved by the use of recesses and projections
4. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
5. Front entrances shall include a covered porch/stoop area leading to the door.
6. The front, side, and rear elevations of units facing public right-of-way shall have trim around the windows.
7. The visible side of a townhouse building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, or dormer.
8. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
9. Front facing garage doors must have windows or decorative details with carriage-style adornments on them.
10. The garage shall not protrude more than 1 foot out from the front façade or front porch. Living space above a garage shall not be considered part of the front façade.
11. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
12. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance. Side entry townhouses with front facing garages shall include windows on the front elevation adjacent to the garage.

Small Scale Multi-Family buildings along N. Salem Street:

1. Building entrances shall face N. Salem Street.
2. Buildings shall include a minimum of 3 steps to the front porch.
3. Building facades shall have horizontal relief achieved by the use of recesses and projections.
4. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.

5. Front entrances shall include an architecture covered porch/stoop area leading to the door.
6. The front, side, and rear elevations of units facing public right-of-way shall have trim around the windows.
7. The visible side of a Small Scale Multi-Family building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, dormer.
8. The visible side of the small-scale multi-family building on a corner lot facing the public street shall include a wrap-around porch or bay window pop-out.

Townhouse and Small Scale Multi-Family not along N. Salem Street and not adjacent to single-family homes:

1. Townhouse buildings shall not exceed 6 Townhome units per building.
2. Townhouse units shall have a roof break every townhouse unit or every other townhouse unit.
3. Building facades shall have horizontal relief achieved by the use of recesses and projections.
4. Vinyl siding is not permitted; however vinyl windows, decorative elements and trim are permitted.
5. Front entrances shall include a covered porch/stoop area leading to the door.
6. The front, side, and rear elevations of units facing public right-of-way shall have trim around the windows.
7. The visible side of a townhouse or Small Scale Multi-Family building on a corner lot facing the public street shall contain at least 3 decorative elements such as, but not limited to, the following elements: windows, bay window, two or more building materials, decorative brick/stone, decorative shake, decorative gable, balcony, dormer.
8. Townhouse buildings shall have no more than one unadorned side-gabled roof in a row within a single building.
9. Front facing garage doors must have windows or decorative details with carriage-style adornments on them.
10. The garage shall not protrude more than 1 foot out from the front facade or front porch. Living space above a garage shall not be considered part of the front facade.
11. A varied color palette shall be utilized on homes throughout the subdivision to include a minimum of three color families for siding and shall include varied trim, shutter, and accent colors complementing the siding color. Colors shall be varied from adjacent unit.
12. Side entry townhouses (townhouses where the primary entrance is on the side) shall have an architectural cover popout on the side elevation above the primary entrance. Side entry townhouses with front facing garages shall include windows on the front elevation adjacent to the garage.

Multi-Family and Mixed-Use Buildings:

1. Vinyl siding is not permitted; however, vinyl windows, decorative elements, and trim are permitted.
2. Rear and side elevations of units that have right-of-way frontage shall have trim around the windows.
3. A minimum of four of the following decorative features shall be used on each building:
    a. Decorative shake
    b. Board and batten
    c. Decorative porch railing/posts
    d. Shutters
    e. Decorative/functional air vents on roof or foundation
    f. Recessed windows
    g. Decorative windows
    h. Decorative brick/stone
    i. Decorative gables
    j. Decorative cornices
    k. Tin/metal roof
    l. Decorative store front
    m. Building entries defined by a canopy or other entry detail
    n. Other architectural features that differentiate the building
4. Windows must vary in size and/or type.
5. Windows that are not recessed must be trimmed.
6. To reduce the Urban Heat Island Effect and conserve energy, for multi-family buildings, all flat roofs shall be light or white colored or utilize a cool roof material, only if doing so does not impact shingled sloped roofs.
7. EIFS or synthetic stucco shall not be used in the first four feet above grade and shall be limited to only 25% of each building façade.
8. Building facades that are public street facing shall have variation in wall plane, with vertical bays or articulated architectural façade features which may include, but not limited to offsets, projections, recesses, banding and change in materials or colors.
9. The following design guidelines shall only apply to mixed-use buildings:
    a. All reasonable effort shall be taken for loading, service, or mechanical units to be placed at the rear of the structure on non-street facing sides. If any of these features have to be located along a public street front facade, they will be screened in accordance with the UDO.
    b. Building facades that are public street facing shall have variation in wall plane, with vertical bays or articulated architectural façade features which may include, but not limited to offsets, projections, recesses, banding and change in materials or colors.
    c. Large blank walls shall not be greater in 25’ in length or height, and shall be broken up with architectural features to reduce visual impacts.

d. Differences of roof height, pitch, ridgelines and materials shall be used to create visual interest and avoid repetition.
e. Roof features may include flat roofs with parapet, hip roofs, shed roofs, gables, or awnings with metal or canvas material.

PARKING AND LOADING

Multi-family and mixed-use buildings shall provide the following minimum parking spaces per dwelling unit based on the number of bedrooms:

Bedrooms per unit	**Minimum ratio**
1 or 2	1.3 spaces per dwelling unit
3	1.8 spaces per dwelling unit

Parking for townhouses and non-residential uses shall comply with the UDO and state law (to the extent state law modifies the UDO requirement), except that street parking shall count towards the total number of parking spaces for guest parking for required for Townhomes, and developer may pursue parking reductions and/or other relief allowed in the UDO at Master Subdivision/Site Plan.

SIGNAGE

Signage shall comply with UDO Section 8.7.

NATURAL RESOURCES AND ENVIRONMENTAL DATA

Resource Conservation Areas (RCA)

The Property is located east of NC 540 and is outside Apex Peakway. UDO Section 8.1.2 requires minimum Resource Conservation Area ("RCA") of 20% for the Property.

Floodplain

The Property does not sit within a designated current or future 100-year floodplain as shown on the Town of Apex Watershed & FEMA Map dated April 2015. FIRM Panel 3720074200J dated May 2, 2006 does not include a floodplain within the property boundary.

Tree Protection

The existing 65-inch Willow Oak tree located along the southern property line, as identified on the Master Plan, shall be preserved and protected unless an arborist determines that the

tree is diseased or dying. An arborist's report evaluating the health and structural condition of the tree, including recommendations for any protective or mitigation measures necessary to preserve the tree during construction, shall be submitted with the initial Master Subdivision Plan application. The Critical Root Zone (CRZ) shown on the Master Plan is representative only. The actual limits of the CRZ may vary and may be field-adjusted based on the recommendations of the project arborist to reflect the tree's actual root system.

Historic Structures

WA0789 (the "House") appears on the Historic Registry. Capital Area Preservation ("CAP") report dated August 7, 2025 deemed not worthy of preservation. Before demolition of the House, the developer will work with CAP to identify historic elements of the House, including 2/2 windows and original 5-panel doors, to be saved for use by CAP in other historic preservation projects.

Environmental Commitments Summary

1. The project shall install one (1) sign per Stormwater Control Measure to reduce pet waste and prohibit fertilizer, in locations that are publicly accessible, such as adjacent to amenity centers, sidewalks, greenways, or side paths.

2. The project shall install signage adjacent to wooded or natural condition Resource Conservation Area. The signage shall indicate the area is RCA and is to be preserved in perpetuity and not disturbed.

3. The project shall ensure that 75% of the landscaping shall be native species, which shall provide diverse and abundant pollinator and bird food sources. Special attention shall be paid to providing diverse and abundant pollinator and bird food sources, including plants that bloom in succession from spring to fall. Landscaping shall be coordinated with and approved by the Planning Department at site or subdivision review.

4. The project shall install at least four (4) pet waste stations total across the townhouse districts (TH-1, TH-2, and TH-3) and two (2) pet waste stations in the MU-1 district in locations that are publicly accessible, such as adjacent to amenity centers, SCMs, sidewalks, greenways or side paths.

5. HOA covenants, conditions, and restrictions shall not prohibit solar PV installation by individual homeowners.

6. HOA covenants, conditions, and restrictions shall not prohibit properly maintained pollinator habitats and naturalistic landscapes on the lots or in common areas.

7. No single species of native or adaptive vegetation shall constitute more than 20% of the plant material of its type within a single development site.

8. Five (5) additional feet of buffer width to that required by the UDO along the perimeter of the property shall be required along the southern and western property lines (see perimeter buffer table above).

9. Multi-family buildings shall be designed to meet the requirements for one of the following green building certifications: LEED, EnergyStar, BREEAM, Green Globes, NGBS Green, NAHB, or GreenGuard. A third-party consultant shall be hired to evaluate the project and certify to the Town of Apex that the project meets the standards for the certification. The applicant shall forward a copy of the certification application to the Town of Apex Planning Department to verify that the application has been submitted. The application shall be submitted prior to the issuance of a certificate of occupancy for the multi-family building.

10. To reduce irrigation requirements, the project shall select and plant warm season grasses.

11. All townhouse garages shall be wired with a 220/240-volt electric outlet that supports electric vehicle charging.

12. The developer shall construct a bus stop with landing and amenity pad to Town Standards including a shelter with bench seating, trash receptacle, and two bike racks, subject to review and approval at the time of Master Subdivision or Site Plan, south of All Wheel Drive in front of the proposed MU-1 District.

STORMWATER MANAGEMENT

The post development peak runoff rate shall be limited to the pre-development peak runoff rate for the 1-year, 24-hour, the 10-year, 24-hour, the 25-year, 24-hour, and the 50-year, 24-hour storms. Otherwise, stormwater management shall comply with the UDO.

PARKS AND RECREATION

On July 29, 2026, the Parks and Recreation Advisory Board recommended a fee-in-lieu of dedication for a maximum combination of 175 single-family attached and 285 multi-family residential units. The fee-in-lieu rate will be set at the time of Town Council action on the rezoning and run for the life of the project. The total fee-in-lieu (based on final unit count) will be calculated at Major Site Plan/Master Subdivision Plan and Construction Document review.

PUBLIC FACILITIES

The proposed PUD shall meet all Public Facilities requirements as set forth in UDO Section 2.3.4(F)(1)(f) and be designed to comply with the Town's Sewer and Water Master Plan and Standards and Specifications.

TRANSPORTATION IMPROVEMENTS

The following conditions regarding transportation improvements apply and shall be phased consistent with the Traffic Impact Analysis that has been performed for this rezoning, which is on file with the Town of Apex. All proposed driveway access and improvements on state-maintained roadways are subject to both Apex and NCDOT review and approval. Except as set forth herein, all proposed roadway infrastructure and right-of-way dedications will be consistent with the Town of Apex Comprehensive Transportation Plan,

The Developer shall construct the following, consistent with the Thoroughfare and Collector Street Plan Map and the Bicycle and Pedestrian Plan Map, subject to Town of Apex and NCDOT review and approval at the time of site and subdivision plans:

1. Developer shall construct a 10-foot wide side path on the south side of All Wheel Drive for the length of the project frontage.

2. Developer shall widen N. Salem Street and dedicate public right-of-way for the extent of the project frontage for the western half of a minimum 41-foot back-to-back 3-lane thoroughfare typical section including a 10-foot side path on the west side within an 80-foot typical section right of way.

3. Extend the stub street of Charlion Downs Lane as a public street through the proposed TH-3 district.

4. Sidewalks shall be provided on both sides of internal public streets, subject to Town of Apex review and approval at the time of site and subdivision plans.

5. Subject to Town approval, Developer shall construct a 5-foot concrete sidewalk, on the west side of Frenchurch Way along the frontage of PIN 0742352665 to connect the project sidewalk to the existing sidewalk on the south side of Brittley Way including ramps to accommodate crossing of Brittley Way at the western leg of the intersection with Frenchurch Way (collectively, the "Offsite Frenchurch Sidewalk"). If the Offsite Frenchurch Sidewalk requires acquisition of offsite rights of way and/or easements, and the Developer is unable to acquire the necessary easements and right-of-way to construct the Offsite Frenchurch Sidewalk through good faith negotiations with the property owner, Developer shall provide an engineer's estimate for the total cost of the sidewalk plus easement acquisition to be reviewed and approved by the Town and pay a fee-in-lieu in that amount.

6. Developer shall extend the 10-foot side path along the project's N. Salem Street frontage, south along the frontage of PIN 0742452783 to Brittley Way (the "Offsite Side Path"). If the Offsite Side Path requires relocation of utilities, including, but not limited to, electric poles, developer shall pay a fee in lieu for the Offsite Side Path. Developer may modify the N. Salem Street section to locate the Offsite Side Path in the existing right of way. For example, the Offside Side Path could extend to the back

of curb without a landscape strip between the path and curb. If the Offsite Side Path requires acquisition of offsite rights of way and/or easements, and the Developer is unable to acquire the necessary easements and right-of-way to construct the Offsite Side Path through good faith negotiations with the property owner, Developer shall provide an engineer's estimate for the total cost of the sidewalk plus easement acquisition to be reviewed and approved by the Town and pay a fee-in-lieu in that amount.

7. N. Salem Street at All Wheel Drive/Key Ring Drive Intersection and N. Salem Street Site Frontage:

   a. Restripe the southbound right turn lane on N Salem St at All Wheel Dr as a though-right shared lane to terminate at Brittley Way.

   b. Modify the traffic signal at All Wheel Drive to accommodate the new southbound through lane.

8. N. Salem Street at Brittley Way:

   a. Construct a second southbound through lane from north of All Wheel Drive which shall drop as a right turn lane at Brittley Way.

   b. Provided NCDOT and the Town of Apex approve such relocation, relocate and/or reconfigure the high-visibility crosswalk across N Salem St, planned for installation by Town of Apex in 2026. If NCDOT or the Town do not approve the relocation and/or reconfiguration, this condition shall be deemed satisfied and the Town shall construct the crosswalk as currently planned. If the Town and NCDOT approve the relocation, developer shall construct a high-visibility median-divided crosswalk across N Salem Street on the north side of Site Access #3 and a Rectangular Rapid Flashing Beacon (RRFB) system meeting Town of Apex standards, subject to Apex and NCDOT approval. If NCDOT will not permit an RRFB system then the crosswalk may be installed with non-flashing school crosswalk warning signs.

9. External Site Access:

   a. Construct an extension of Frenchurch Way to All Wheel Drive (“Street B”).

   b. Construct the northernmost driveway on N Salem St (Site Access #2) as a channelized right-in only at least 300 feet south of All Wheel Drive

   c. Construct the southernmost driveway (Site Access #3) on N Salem St as a left-in/right-in/right-out aligned with the Thales outbound driveway, with an exclusive northbound left turn lane on N Salem St and a channelized concrete median between them to prohibit left turns from both sides of N Salem St.

10. Internal Site Access:

    a. Construct a mini-roundabout or roundabout at the intersection of the extension of Frenchurch Way ("Street B") and the street connecting to the southernmost N Salem St site driveway ("Street A").

    b. Extend the stub street of Charlion Downs Ln as a public street through the proposed "TH-3" District to Street B.

11. The developer shall construct a bus stop with landing and amenity pad to Town Standards including a shelter with bench seating, trash receptacle, and two bike racks, subject to review and approval at the time of Master Subdivision or Site Plan, south of All Wheel Drive in front of the proposed MU-1 District.

12. A pedestrian connection shall be included from the N. Salem Street side path to the Mixed Use Building through the parking area in the MU-1 District. The connection will be a designated pedestrian path such as but not limited to, sidewalk, change in pavement color or pattern, or other design determined by the developer and staff at Master Subdivision or Site Plan. A pedestrian area with a minimum size of 300 square feet shall be provided at or near the corner of N. Salem Street and All Wheel Drive.

13. If any of the committed transportation improvements require acquisition of offsite rights of way, easements, or other property interests (the "Offsite ROW"), Developer shall make good faith efforts to acquire the Offsite ROW. If Developer is unable to acquire any Offsite ROW through private negotiation and the Town is unwilling or unable to assist in the acquisition, Developer shall pay a fee in lieu for the transportation improvement that cannot be completed, including estimated cost of acquisition, permitting fees, and construction plus 15% contingency, subject to Town review and approval of an engineer's estimate provided by the Developer.

CONSTRUCTION TRAFFIC

All heavy duty construction traffic shall enter and exit the site via N. Salem Street and/or All Wheel Drive. "No Construction Traffic" signs shall be posted along Frenchurch Way and Charlion Downs Lane. Provided, however, that equipment and vehicles shall be permitted on Charlion Downs Lane to construct the extension of Charlion Downs Lane, pedestrian connection, and related infrastructure, and on Frenchurch Way to construct the street, utility connections/extensions, and related infrastructure as required by this PUD and the UDO.

WATER AND SANITARY SEWER

All lots within the Development will be served by Town of Apex water and sanitary sewer. The utility design will be finalized at the time of Master Subdivision Plan or Site Plan approval and be based on available facilities adjacent to the site at that time. The design will meet the

current Town of Apex Sewer and Water Master Plan and Standards and Specifications. A conceptual utility plan is included in the PUD Concept Plan for reference.

OTHER UTILITIES

Electricity will be provided by Apex Electric, if available. Phone, cable, and gas will be provided by the Developer and shall meet Town of Apex standards as outlined in the UDO.

PHASING

The Development will be completed in phases. Final locations of phases will be determined at the time of Master Subdivision Review and Approval.

CONSISTENCY WITH LAND USE PLAN

Overall, the proposed Development is consistent with Advance Apex, the 2045 Land Use Map Update (the "Update") and the 2045 Land Use Map ("LUM"). The Update identifies the property as underdeveloped. The LUM recommends a mix of housing types and densities across the Property with the highest density housing and non-residential uses at the corner of All Wheel Drive and N. Salem Street. It recommends residential density transition down approaching existing single-family neighborhoods to the west and south. The proposed PUD meets these recommendations by permitting a vibrant, dense, mixed-use area at the intersection with townhouses at approximately 7 units/acre (density recommended by LUM Medium Density category) in the southern and western sections closest to existing single-family. The project only proposes two minor changes to the LUM, to slightly extend the High Density Residential designation south along N. Salem Street and to straighten the western boundary of the High-Density Residential area to match the western boundary of the proposed MU-1 District (the current boundary follows the tax parcel lot line which will be recombined when the property is redeveloped). Although the LUM recommends multi-family (high density residential) at the intersection without a height limit, staff have requested multi-family buildings be limited to 4/5 stories, particularly along N. Salem Street. The area the LUM currently identifies for High Density Residential does not provide sufficient land area to design, park, and operate a multi-family community with buildings under 4/5 stories. The proposed LUM changes slightly extend the high density residential designation south to allow sufficient land to deliver multi-family with the height transition restrictions recommended by staff. Even with this change, townhouses at the recommended density remain in the TH-1, TH-2 and TH-3 districts.

COMPLIANCE WITH UDO

The development standards proposed for this PUD comply with those set forth in the Town's Unified Development Ordinance (UDO). This PUD shall be the primary governing document for the development of N. Salem Street Mixed-Use PUD. All standards and regulations in

this PUD shall control over general standards of the UDO. Provided, however, that if a specific regulation is not addressed in this PUD, UDO regulations shall control.

EXHIBIT A

PIN 0742367712
Address: 1403 N. Salem St.
Owner: Merit Group, LLC
Acreage: 1.06 acre
Current Zoning: Residential Agricultural

PIN 0742368697
Address: 1401 N. Salem St.
Owner: Merit Group, LLC
Acreage: 0.39 acre
Current Zoning: Residential Agricultural

PIN 0742365731
Address: 1405 N. Salem St.
Owner: Geraldine Gilbert Heirs
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742366583
Address: 1205 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 2.54 acres
Current Zoning: Residential Agricultural

PIN 0742369479
Address: 1303 N. Salem St.
Owner: June Thompson
Acreage: 0.50 acre
Current Zoning: Residential Agricultural

PIN 0742369278
Address: 1301 N. Salem St.
Owner: June Thompson
Acreage: 2.80 acres
Current Zoning: Residential Agricultural

PIN 0742363169
Address: 1207 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 4.46 acres
Current Zoning: Rural Residential

PIN 0742358857
Address: 1201 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 5.34 acres
Current Zoning: Rural Residential

PIN 0742353848
Address: 0 N. Salem St.
Owner: Elizabeth Burgess Chappell
Acreage: 1.67 acres
Current Zoning: Rural Residential

PIN 0742350909
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.77 acres
Current Zoning: Residential Agricultural

PIN 0742362432
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 4.59 acres
Current Zoning: Residential Agricultural

PIN 0742366306
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.73 acre
Current Zoning: Residential Agricultural

PIN 0742268387
Address: 0 Charlion Downs Ln
Owner: DLG HOLDINGS LLC
Acreage: 0.93 acre
Current Zoning: Residential Agricultural

PIN 0742360631
Address: 1409 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 3.06 acres
Current Zoning: Residential Agricultural

PIN 0742362719
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.02 acre
Current Zoning: PC-CZ

PIN 0742363799
Address: 0 N. Salem St.
Owner: DLG HOLDINGS LLC
Acreage: 0.04 acre
Current Zoning: PC-CZ

EXHIBIT B
Legal Description of the Property

Beginning at an iron pipe found, being the northwest corner of DLG Holdings LLC property as described in deed book 17929, at page 1179 and along the right of way of All Wheel Drive, as described in book of maps 2019, at page 1330 in the Wake County registry, beginning point having NC GRID NAD83(2011) coordinates of, N: 726,807.83 E: 2,042,917.78';

Thence from said point of beginning along and with the right of way of All Wheel Drive, S 87°29'09" E a distance of 132.05' to an iron pipe found;

Thence along and with said right of way, S 89°20'15" E a distance of 244.31' to a computed point;

Thence along and with said right of way, S 89°20'15" E a distance of 186.80' to an iron pipe found, being the northeast corner of DLG Holdings LLC and the northwest corner of Geraldine L Gilbert Heirs as described in book of maps 2019, at page 1330 at the Wake County Registry;

thence along with said right of way, S 89°26'05" E a distance of 134.93' to an iron pipe found, the northeast corner of Gilbert heirs and the northwest corner of Merit Group LLC property as described in deed book 20042, at page 1629 at the Wake County Registry;

thence along and with said right of way, S 89°19'38" E a distance of 339.94' to a computed point near the intersection of All Wheel Drive and N Salem St, as described in book of maps 2019 at page 1330 at the Wake County Registry;

thence along and with said right of way, S 20°13'14" E a distance of 5.00' to a computed point at the aforementioned intersection;

thence along and with said right of way, S 73°51'24" E a distance of 18.57' to a computed point at along the right of way of N Salem St at the aforementioned intersection;

thence along and with the right of way of N Salem St, S 17°03'47" E a distance of 76.57' to an iron pipe found, being the southeast corner of Merit Group LLC property and the Northeast corner of John Huber property as described in deed book 20042, at page 1629;

thence along and with said right of way, S 20°17'05" E a distance of 83.82' to a computed point, being the southeast corner of John Huber property and the Northeast corner of DLG Holdings LLC property as described in book of maps 1982, at page 145 at the Wake County Registry;

thence along and with said right of way, S 20°20'11" E a distance of 85.11' to an iron pipe found, the northeast corner of June N Thompson property and the southeast corner of DLG Holdings LLC property as described in book of maps 1982, at page 145 at the Wake County Registry;

thence along and with said right of way, S 20°01'41" E a distance of 106.14' to an iron pipe found;

thence along and with said right of way, S 20°35'35" E a distance of 361.94' to an iron pipe found, the southeast corner of June N Thompson property and the northeast corner of Andrew Burgess Jr and Elizabeth Burgess Chappell property;

thence along and with said right of way, S 19°55'43" E a distance of 126.92' to an iron pipe found;

thence along and with said right of way, S 20°00'13" E a distance of 42.64' to an iron pipe found;

thence along and with said right of way S 19°48'13" E a distance of 166.44' to a computed point;

thence leaving the right of way of N Salem St, along and with the southern property line of Andrew Burgess Jr and Elizabeth Burgess Chappell property and the northern line of the Haddon Place subdivision, as described in book of maps 1995, at page 1420, S 82°16'18" W a distance of 901.47' to an iron pipe found;

thence along and with the line of Haddon Place subdivision, Burgess and Chappell property, and DLG Holdings LLC property as described in book of maps 1999, at page 741 in the Wake County Registry, N 72°06'22" W a distance of 700.32' to an iron pipe found;

thence along the eastern line of Haddon Hall phase VIII and the western line of DLG Holdings LLC as described in book of maps 2000, at page 2110 in the Wake County Registry, N 02°17'31" E a distance of 359.39' to an iron pipe found;

thence continuing along the Haddon Hall subdivision and DLG Holdings LLC property, N 03°16'41" E a distance of 409.50' to an iron pipe found;

thence along the southern line of Joy Chiu Yin Huang property as described in deed 17443 at page 357 and the northern line of DLG Holdings LLC property, S 87°26'34" E a distance of 98.99' to an iron rebar found;

thence along the eastern line of Huang property and DLG Holdings LLC property N 02°27'28" E a distance of 154.79' to an iron pipe found;

which is the point of beginning,

having an area of 1408960 square feet, 32.34 acres

For further description see the following book of maps, BM 2019, PG 1330; BM 2009, PG 240; BM 2003, PG 1415; BM 2001, PG 1365; BM 2000, PG 2110; 1999, PG 741; BM 1997, PG 1683; BM 1989, PG 1113; BM 1982, PG 145; all in the Wake County register of deeds. Said properties being bounded on the north by All Wheel Drive, On the East by N Salem St, on the South by Haddon Place subdivision, and on the West by Haddon Hall phase VIII subdivision.

PLANNED DEVELOPMENT PLAN FOR PUD-CZ

N. SALEM STREET MIXED USE

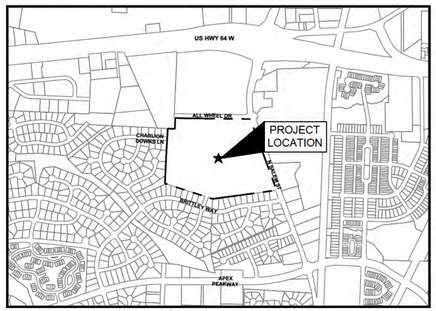
NORTH SALEM STREET AND ALL WHEEL DRIVE
APEX, NORTH CAROLINA 27502

FIRST SUBMITTAL: DECEMBER 1, 2025
SECOND SUBMITTAL: FEBRUARY 6, 2026
THIRD SUBMITTAL: MARCH 5, 2026
FOURTH SUBMITTAL: MAY 1, 2026
FIFTH SUBMITTAL: JUNE 5, 2026
SIXTH SUBMITTAL: JULY 2, 2026
SEVENTH SUBMITTAL: AUGUST 7, 2026

SITE DATA		
OWNERS	DLG HOLDINGS LLC; GERALDINE L. GILBERT HEIRS; MERIT GROUP, LLC: JUNE N. THOMPSON; ELIZABETH CHAPPELL; ELIZABETH BURGESS BURGESS AND ANDREW JUDSON JR. CHAPPELL;	
DEVELOPER	MERIT GROUP LLC 5053 SUNSET FAIRWAYS DRIVE HOLLY SPRINGS, NC 27540	
PARCELS	0742360631; 0742268387; 0742362719; 0742363799; 0742362432; 0742350909; 0742353848; 0742358857; 0742363169; 0742369278; 0742366306; 0742366583;0742369479; 0742368697; 0742368697; 0742365731	
SITE AREA	GROSS	32.35 AC
	R/W DEDICATION	0.22 AC
	NET	32.13 AC
EXISTING ZONING	RR, RA	
PROPOSED ZONING	PUD-CZ	
RIVER BASIN	CAPE FEAR	
WATERHSED OVERLAY	BEAVER CREEK SECONDARY WATERSHED PROTECTION OVERLAY DISTRICT; WILLIAMS CREEK PRIMARY WATERSHED PROTECTION OVERLAY DISTRICT	
HISTORIC STRUCTURES	WA0789 HOUSE APPEARS ON HISTORIC REGISTRY (CAP REPORT DATE 8/7/2025 DEEMED NOTE WORTHY OF HISTORIC STRUCTURE)	
MAX BUILT UPON AREA (IMPERVIOUS)	22.49 AC (70%)	
2045 LAND USE MAP DESIGNATION	MEDIUM DENSITY RESIDENTIAL; HIGH DENSITY RESIDENTIAL; OFFICE EMPLOYMENT; COMMERCIAL SERVICES	
AREA DESIGNATED AS MIXED-USE ON 2045 FLUM	32.13 AC	
AREA OF MIXED-USE PROPOSED AS NON-RESIDENTIAL	8.0 AC (MU-1 TO THE CENTERLINE OF STREETS A AND B)	
PERCENT OF MIXED-USE PROPOSED AS NON-RESIDENTIAL	25.00%	
PROPOSED USE	MULTI-FAMILY APARTMENTS; TOWNHOUSE; NON-RESIDENTIAL	
MAXIMUM DENSITY/SF	TOTAL UNITS: 460 (14.32 UNITS/AC) - MULTI-FAMILY APARTMENTS: 285 UNITS - TOWNHOUSE: 175 UNITS - NON-RESIDENTIAL: MINIMUM - 5,000 SF MAXIMUM - 22,000 SF	
BUFFER CALL IDENTIFICATION NUMBER	APEX 25-26-001 (JULY 8, 2025)	
EXISTING SF OF BUILDINGS	16,534 SF	
REQUIRED/PROVIDED PARKING SPACES	SHALL COMPLY WITH THE UDO AND ANY ALLOWABLE REDUCTIONS. SEE PUD NARRATIVE FOR REDUCTION IN MULTI-FAMILY PARKING RATE.	
REQUIRED RESOURCE CONSERVATION AREA	6.43 AC (20%)	
TOWNHOMES (FRONT ACCESS)		
SETBACKS	FRONT	5 FEET (BUILDING FAÇADE); 18 FEET (GARAGE)
	CORNER SIDE	8 FEET
	REAR	10 FEET
	BUILDING SEPERATION	10 FEET
MAXIMUM BUILDING HEIGHT	3-STORY	45 FEET
BUILDING HEIGHT AND SETBACKS		
TOWNHOMES (ALLEY ACCESS)		
SETBACKS	FRONT	5 FEET (BUILDING FAÇADE)
	CORNER SIDE	8 FEET
	REAR	4 FEET (TO EDGE OF ALLEY)
	BUILDING SEPERATION	10 FEET
MAXIMUM BUILDING HEIGHT	3-STORY	45 FEET
MULTI-FAMILY		
SETBACKS	FRONT	10 FEET
	CORNER SIDE	10 FEET
	REAR	10 FEET
	BUILDING SEPERATION	30 FEET
MAXIMUM BUILDING HEIGHT	4-STORY	60 FEET
	4/5-STORY SPLIT	70 FEET
NON-RESIDENTIAL / MIXED-USE		
SETBACKS	FRONT	10 FEET
	CORNER SIDE	10 FEET
	REAR	10 FEET
	BUILDING SEPERATION	20 FEET
MAXIMUM BUILDING HEIGHT	VERTICAL MIXED-USE BUILDING (5 FLOORS)	75 FEET

SHEET INDEX

Sheet Number	Sheet Title
C0 0	COVER SHEET
C1 0	EXISTING CONDITIONS AND DEMOLITION PLAN
C2 0	SPECIMEN TREE SURVEY
C3 0	PRELIMINARY SITE LAYOUT PLAN
C4.0	PRELIMINARY UTILITY PLAN
C4.1-C4.9	ARCHITECTURAL PRECEDENT IMAGERY



VICINITY MAP
SCALE: 1" = 500'

PROJECT OWNERS & CONSULTANTS

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No.	REVISIONS	DATE	BY
7	REVISIONS PER TOWN COMMENTS	08/27/2026	JTG
6	REVISIONS PER TOWN COMMENTS	08/07/2026	JTG
5	REVISIONS PER TOWN COMMENTS	07/02/2026	JTG
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2	REVISIONS PER TOWN COMMENTS	03/05/2026	JTG
1	REVISIONS PER TOWN COMMENTS	02/06/2026	JTG

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1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
PRELIMINARY
NOT FOR CONSTRUCTION
C. ZUMWALT

KHA PROJECT	014490003
DATE	AUGUST 2026
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

COVER SHEET

N. SALEM STREET MIXED USE
PREPARED FOR
MERIT GROUP LLC
APEX NORTH CAROLINA

SHEET NUMBER
C0.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C0.0 August 27, 2026 09:58:36am K:\HSP_LDEV\014490003_Good Acres N Salem Street\07_CAD Files\Rezoning\Plan Sheets\C0.0 COVER SHEET.dwg
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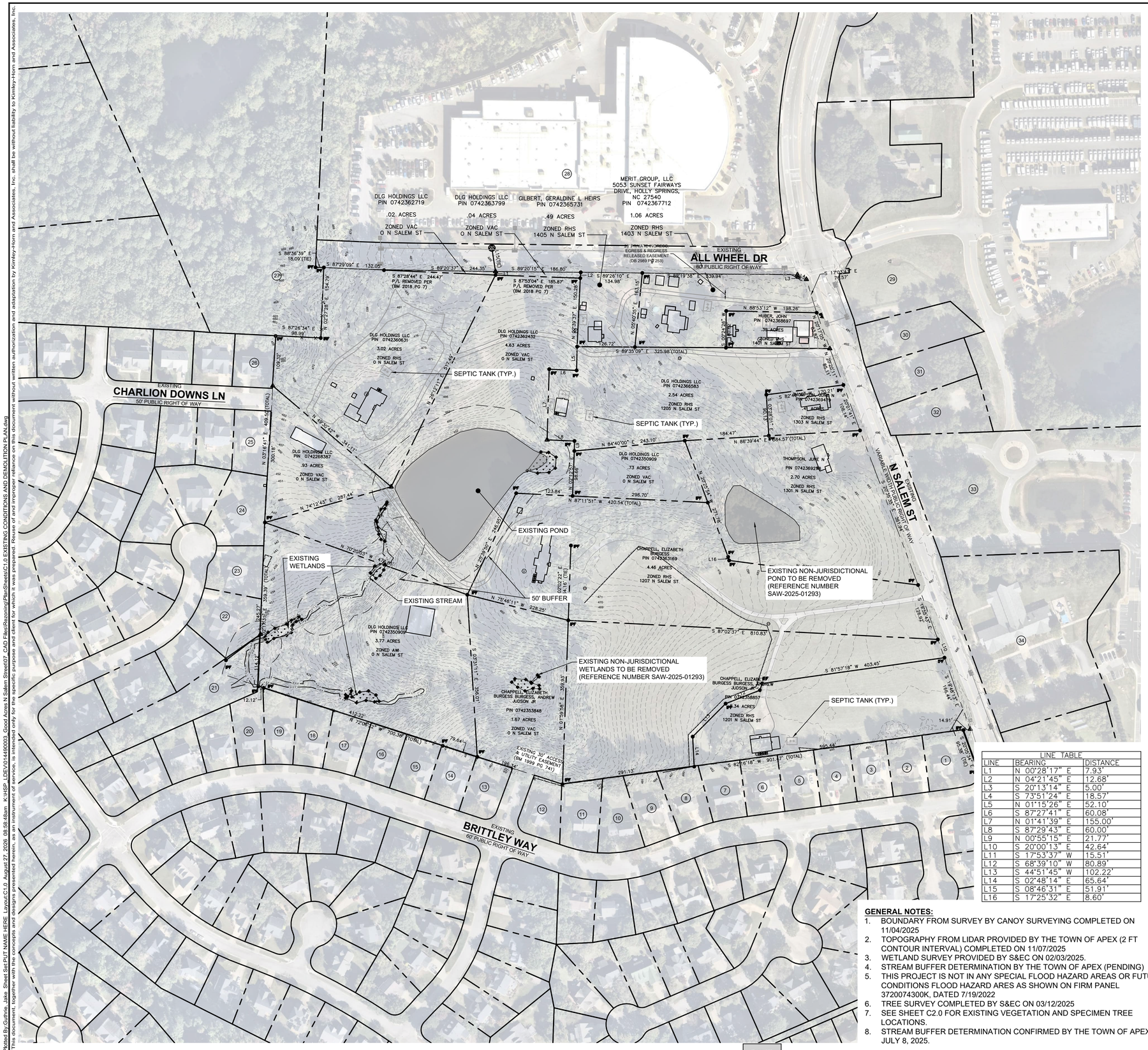

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N 00°28'17" E	7.93'
L2	N 04°21'45" E	12.68'
L3	S 20°13'14" E	5.00'
L4	S 73°51'24" E	18.57'
L5	N 01°15'26" E	52.10'
L6	S 87°27'41" E	60.08'
L7	N 01°41'39" E	155.00'
L8	S 87°29'43" E	60.00'
L9	N 00°55'15" E	21.77'
L10	S 20°00'13" E	42.64'
L11	S 17°53'37" W	15.51'
L12	S 68°39'10" W	80.89'
L13	S 44°51'45" W	102.22'
L14	S 02°48'14" E	65.64'
L15	S 08°46'31" E	51.91'
L16	S 17°25'32" E	8.60'

GENERAL NOTES:

1. BOUNDARY FROM SURVEY BY CANOY SURVEYING COMPLETED ON 11/04/2025
2. TOPOGRAPHY FROM LIDAR PROVIDED BY THE TOWN OF APEX (2 FT CONTOUR INTERVAL) COMPLETED ON 11/07/2025
3. WETLAND SURVEY PROVIDED BY S&EC ON 02/03/2025.
4. STREAM BUFFER DETERMINATION BY THE TOWN OF APEX (PENDING)
5. THIS PROJECT IS NOT IN ANY SPECIAL FLOOD HAZARD AREAS OR FUTURE CONDITIONS FLOOD HAZARD ARES AS SHOWN ON FIRM PANEL 3720074300K, DATED 7/19/2022
6. TREE SURVEY COMPLETED BY S&EC ON 03/12/2025
7. SEE SHEET C2.0 FOR EXISTING VEGETATION AND SPECIMEN TREE LOCATIONS.
8. STREAM BUFFER DETERMINATION CONFIRMED BY THE TOWN OF APEX JULY 8, 2025.

ADJACENT PROPERTY OWNER INFORMATION

1. PIN: 0742452783
D.B.019253 PG.02532
JAJ, YADVINDER SINGH KAUR, SANDEEP, 1108 BRITTLEY WAY, APEX NC 27502-2400

2. PIN: 0742451792
D.B.019990 PG.01957
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3. PIN: 0742451710
D.B.016611 PG.01790
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D.B.007114 PG. 00814
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POVSE, MAX POVSE, KELSEY, 1008 BRITTLEY WAY, APEX NC 27502-2423

11. PIN: 0742354691
D.B.015341 PG. 00105
HORNACK, THOMAS R HORNACK, ANN, 1006 BRITTLEY WAY, APEX NC 27502-2423

12. PIN: 0742353691
D.B.016044 PG. 00885
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13. PIN: 0742352665
D.B.011388 PG. 01001
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14. PIN: 0742351698
D.B.014765 PG. 00698
JAEGER, FRED H JR JAEGER, GERARDINE, 918 BRITTLEY WAY, APEX NC 27502-6438

15. PIN: 0742351710
D.B.017784 PG. 00084
BRAVO, JAVIER BRAVO, SASHA E, 916 BRITTLEY WAY, APEX NC 27502-6438

16. PIN: 0742350743
D.B.016110 PG. 01098
RUSHER, MICHAEL JAMES RUSHER, DANIELLE RENEE, 914 BRITTLEY WAY, APEX NC 27502-6438

17. PIN: 0742259765
D.B.017420 PG. 00895
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18. PIN: 0742258797
D.B.015478 PG. 00756
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19. PIN: 0742258729
D.B.014419 PG. 01103
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D.B.017772 PG. 00840
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21. PIN: 0742256826
D.B.007200 PG. 00153
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22. PIN: 0742267004
D.B.019752 PG. 00140
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23. PIN: 0742267125
D.B.019709 PG. 01345
CHAKRA, AL TRUSTEE THE CHAKRA LIVING TRUST /BY TR, 1012 REXHILL CT, APEX NC 27502-6491

24. PIN: 0742267237
D.B.009250 PG. 02071
ARNOLD, DAVID B ARNOLD, ANCHUN, 1014 REXHILL CT, APEX NC 27502-6491

25. PIN: 0742267462
D.B. 016263 PG. 01857
CHINGWE, CLAUDE CHINGWE, JENNIFER, 1691 CHARLION DOWNS LN, APEX NC 27502-4751

26. PIN: 0742267661
D.B.010861 PG. 02199
MCDANIEL, TROY MCDANIEL, MICHELLE, 1690 CHARLION DOWNS LN, APEX NC 27502-4750

27. PIN: 0742277043
D.B. PG.
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28. PIN: 0742374226
D.B.016325 PG. 00398
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29. PIN: 0742466928
D.B.015957 PG. 00609
CROSSROADS HOLDINGS LLC, 1730 GRAHAM AVE, HENDERSON NC 27536-2904

30. PIN: 0742461696
D.B.016547 PG. 01445
SOUTHSIDE ACQUISITION LLC, 1730 GRAHAM AVE, HENDERSON NC 27536-2904

31. PIN: 0742462517
D.B.015890 PG. 00005
GUEVARA, JOSE RIGOBERTO ARGUETA, GILMA ROSIBEL, 100 OAKEN PL, APEX NC 27539-7773

32. PIN: 0742462489
D.B.015476 PG. 02267
K-JIVE ENTERPRISE LLC, 46 GOLDEN HEATHER, CHAPEL HILL NC 27517-7625

33. PIN: 0742466191
D.B.013685 PG. 00061
THALES ACADEMY, 4641 PARAGON PARK RD, RALEIGH NC 27616-3406

34. PIN: 0742464071
D.B.017232 PG. 02334
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35. PIN: 0742455733
D.B.015458 PG.01816
CARMAC, ROBERT JONATHAN CARMAC, ELIZABETH BEAUVAIS, 1020 N SALEM ST, APEX NC 27502-2922

GRAPHIC SCALE IN FEET
0 50 100 200

No.	REVISIONS	DATE	BY
7	REVISIONS PER TOWN COMMENTS	08/27/2026	JTG
6	REVISIONS PER TOWN COMMENTS	08/07/2026	JTG
5	REVISIONS PER TOWN COMMENTS	07/02/2026	JTG
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#F-0102 WWW.KIMLEY-HORN.COM PHONE: 984-212-4572
1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

KHA PROJECT 014490003
DATE AUGUST 2026
SCALE AS SHOWN
DESIGNED BY RCZ
DRAWN BY JTG
CHECKED BY RCZ

EXISTING CONDITIONS AND DEMOLITION PLAN

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C1.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C1.0 August 27, 2026 08:59:48am K:\HSP - LDEV\014490003_Good Acres N Salem Street\07_CAD Files\Rezoning\PlanSheets\C1.0 EXISTING CONDITIONS AND DEMOLITION PLAN.dwg
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NOTE:
- Where appropriate identified trees were approximately located by S&EC using a Juniper Systems GNS3 Geode Receiver. As these GPS units do not provide survey grade accuracy this data should be considered approximate and used for planning purposes only. If an accurate location is required a North Carolina Professional Land Surveyor should be engaged. Engineers, designers and/or local ordinance(s) may require trees to be surveyed located by a NC Registered Professional Land Surveyor.

- The term “tree survey” as used herein is generic in nature and intended to describe the identification, measurement, and evaluation of trees under the direction of a registered forester/certified arborist as described and/or required by local development ordinance(s).

- At the current scale, not all tree location labels may be legible or show. Please refer to the CAD drawing of the locations provided to the site engineer.

Legend

- Hardwood Trees > 18" DBH
- Evaluation Area

NC Center for Geographic Information & Analysis

Project No.	13759.W7
Project Mgr.:	SB
Scale:	1" = 150'
	03/12/2025

N W E S

0 150 300 600

Feet

Town of Apex Tree Survey Sketch Map

1301 N Salem Road Assemblage, Apex, NC

Source: Aerials from [illegible] aps

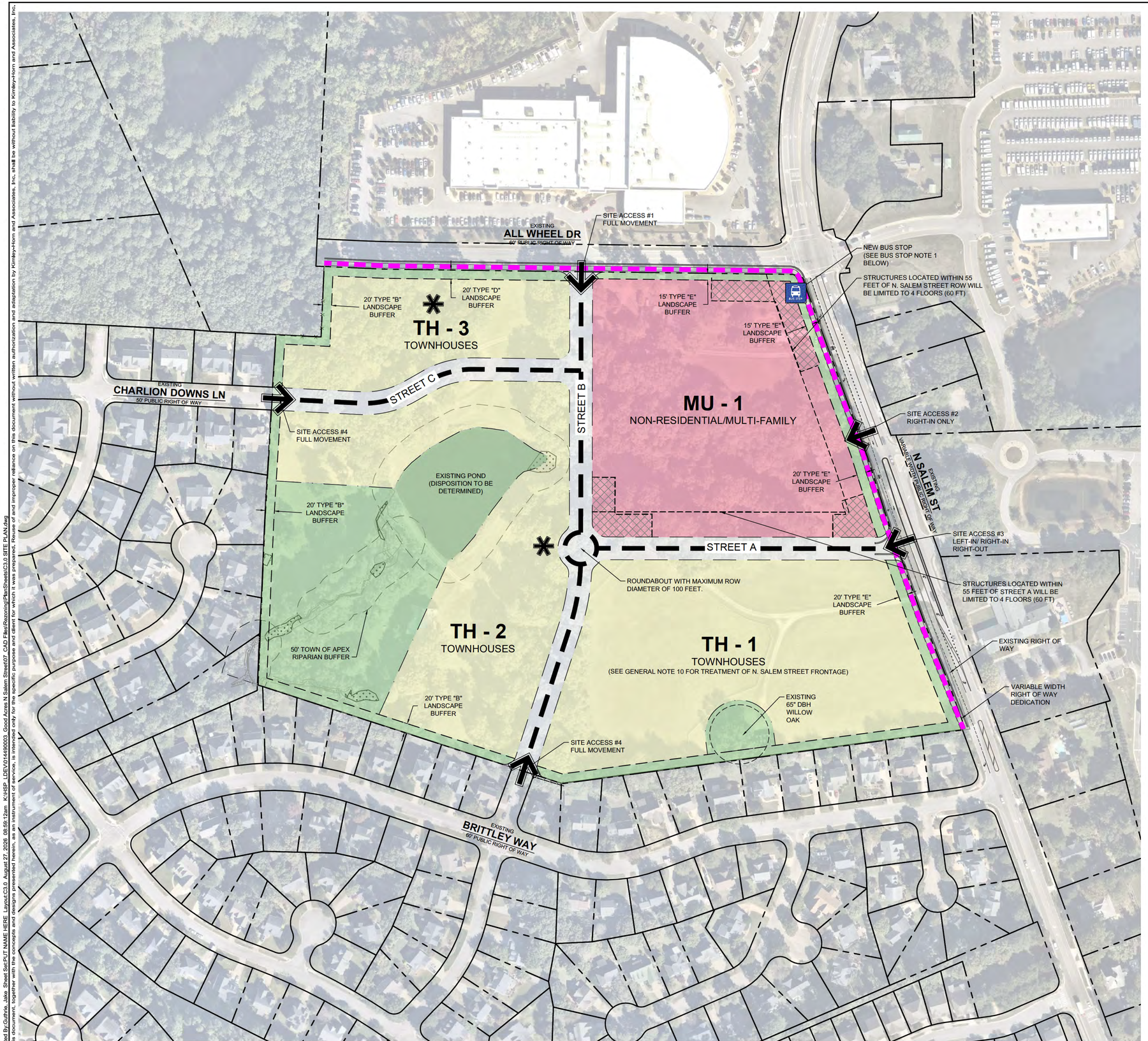
S&EC

Soil & Environmental Consultants, Inc.

8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467

sandec.com

C2.0



SITE LEGEND

- PROPERTY LINE
- 50' TOWN OF APEX R PARIAN BUFFER
- LOCAL STREET
- 10' SIDEPATH
- NEW BUS STOP (SEE BUS STOP NOTE 1 BELOW)
- ACTIVE RECREATION AREA/PLAY LAWN
- VEHICULAR ACCESS
- EXISTING WETLAND
- PERIMETER BUFFER/RESOURCE CONSERVATION AREA (MINIMUM OF 20% OF SITE AREA)
- MULTI-RESIDENTIAL (MULTI-FAMILY, TOWNHOUSES
- MULTI-FAMILY APARTMENTS; NON-RES DENTIAL
- TOWNHOUSES
- AREA SUBJECT TO ARCHITECTURAL CONTROLS (SEE ARCHITECTURAL CONTROL NOTES BELOW)

GENERAL NOTES

1. ALL ZON NG PLAN SHEETS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. FINAL DESIGN COMPONENTS SHALL BE DETERM NED DUR NG THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZONING CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN CIRCULATION ARE CONCEPTUAL AND SHALL BE F NALIZED DUR NG THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. TREE PROTECTION FENC NG SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
5. ALL PARKING STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UNIF ED DEVELOPMENT ORD NANCE EXCEPT AS MOD FIED BY THE PUD NARRATIVE.
6. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE F NALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
7. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTAINED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORD NANCE.
8. SITE ELEMENTS REQUIRED TO SATISFY RECREATIONAL REQUIREMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND IN THE TOWN OF APEX STANDARD SPEC FICATIONS AND CONSTRUCTION DETAILS AND THE REQUIREMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
9. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHTING, LANDSCAP NG, SCREENING, SITE STABILIZATION (SEEDING), PARKING, AND PAVEMENT MARKING, MUST BE COMPLETED PRIOR TO SCHEDUL NG A FINAL SITE NSPECTION.
10. UNITS LOCATED IN TH-1 ALONG THE FRONTAGE OF N. SALEM STREET W LL FACE N. SALEM STREET AND TAKE ACCESS FROM THE REAR.

BUS STOP

1. SUBJECT TO NCDOT APPROVAL, A SOUTHBOUND BUS STOP SHALL BE CONSTRUCTED ALONG N. SALEM STREET, SOUTH OF ALL WHEEL DRIVE ALONG THE FRONTAGE OF MU-1. THE BUS STOP WILL BE CONSTRUCTED TO TOWN STANDARDS AS WELL AS ADA AND PROWAG STANDARDS, NCLUDING:
   - COVERED BUS SHELTER WITH SEATING
   - TRASH RECEPTACLE
   - 2 BIKE RACKS
   - LIGHT NG

ARCHITECTURAL CONTROL NOTES

THE FOLLOWING BUILDING PLACEMENT CONTROLS SHALL APPLY IN THE MU-1 DISTRICT:

1. NO PARKING BAYS OR DRIVE AISLES SHALL BE PERMITTED BETWEEN THE BU LDING AND STREET WITH N 100 FEET OF THE INTERSECTION OF STREET A AND STREET B, AND THE NTERSECTION OF STREET A AND N. SALEM STREET.
2. THE CORNER OF N. SALEM STREET AND ALL WHEEL DRIVE SHALL BE ANCHORED BY A BUILD NG WITH NO MORE THAN ONE DOUBLE-LOADED (PARKING ON EACH SIDE OF DRIVE AISLE) PARKING BAY AND DRIVE AISLE BETWEEN THE STREET AND BUILD NG.
3. TO FACILITATE OUTDOOR DINING AND GATHERING, MIXED-USE BU LDINGS SHALL NCLUDE A M N MUM 12-FOOT WIDE SIDEWALK WITH LANDSCAP NG ALONG THE FACADES OF NON-RESIDENTIAL USES. LANDSCAP NG MAY INCLUDE, BUT IS NOT LIMITED TO, TREE WELLS, PLANTING BEDS, POTTED PLANTS, ETC.

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
7	REVISIONS PER TOWN COMMENTS	08/27/2026	JTG
6	REVISIONS PER TOWN COMMENTS	08/07/2026	JTG
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Kimley»Horn

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1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT C. ZUMWALT
PRELIMINARY NOT FOR CONSTRUCTION

KHA PROJECT	014490003
DATE	AUGUST 2026
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

PRELIMINARY SITE LAYOUT PLAN

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C3.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C3.0 August 27, 2026 08:56:12am K:\HSP - LDEV\014490003 Good Acres N Salem Street\07 CAD Files\Rezoning\Plan Sheets\C3.0 SITE PLAN.dwg
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UTILITY LEGEND

- PROPERTY LINE
- WATER LINE
- SANITARY SEWER LINE

UTILITY NOTES

1. THIS PROJECT IS REQUEST NG FULL TOWN SERVICES, INCLUDING BUT NOT LIMITED TO, WATER, SEWER AND ELECTRICITY.
2. THE SITE WILL NOT UTILIZE PRIVATE SEWAGE DISPOSAL SYSTEMS.
3. ALL UTILITY EASEMENTS SHALL BE PROVIDED AS NECESSARY. EXACT LOCATION SHALL BE DETERM NED AT THE T ME OF CONSTRUCTION DRAW NGS.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF APEX STANDARDS AND SPECIFICATIONS.
5. ALL WATER AND SEWER MAINS WITHIN THE PUBLIC EASEMENTS SHALL BE OWNED, OPERATED, AND MA NTAINED BY THE TOWN OF APEX.

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
7	REVISIONS PER TOWN COMMENTS	08/27/2026	JTG
6	REVISIONS PER TOWN COMMENTS	08/07/2026	JTG
5	REVISIONS PER TOWN COMMENTS	07/02/2026	JTG
4	REVISIONS PER TOWN COMMENTS	06/05/2026	JTG
3	REVISIONS PER TOWN COMMENTS	05/01/2026	JTG
2	REVISIONS PER TOWN COMMENTS	03/05/2026	JTG
1	REVISIONS PER TOWN COMMENTS	02/05/2026	JTG

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1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT C. ZUMWALT
PRELIMINARY NOT FOR CONSTRUCTION

KHA PROJECT	014490003
DATE	AUGUST 2026
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

PRELIMINARY UTILITY PLAN

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C4.0

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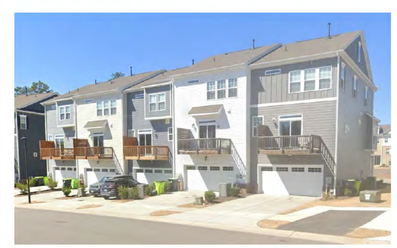
FRONT ELEVATIONS - REAR ACCESS

FRONT ELEVATIONS - FRONT ACCESS

SIDE ELEVATIONS

REAR ELEVATIONS - FRONT AND REAR ACCESS



N. SALEM STREET MIXED-USE

PRECEDENT IMAGERY - TOWNHOMES

NOTE:
PRECEDENT IMAGES ARE REPRESENTATIVE OF ARCHITECTURAL DETAILS AND TREATMENT. ALL TOWNHOME ELEVATIONS MUST COMPLY WITH ALL ARCHITECTURAL STANDARDS OF THE PUD DOCUMENT, INCLUDING COLOR VARIATION.

C4.1

1 Salem St - Elevation
3/32" = 1'-0"

2 All Wheel Dr - Elevation
3/32" = 1'-0"

CONCEPT IMAGES -
DESIGN SUBJECT TO CHANGE

C4.2

Bldg Type I - Exterior Elevations

North Salem Street Development Apex, NC

kaas wilson architects

Apex, NC 27502 26075 04/30/2026

1 Parking Side - Elevation 1
3/32" = 1'-0"

2 Retail End Bay - Elevation
3/32" = 1'-0"

3 Residential End Bay - Elevation
3/32" = 1'-0"

4 Parking Side - Elevation 2
3/32" = 1'-0"

CONCEPT IMAGES -
DESIGN SUBJECT TO CHANGE

C4.3

kaas wilson architects

Bldg Type I - Exterior Elevations

North Salem Street Development Apex, NC

Apex, NC 27502 26075 04/30/2026

CONCEPT IMAGES -
DESIGN SUBJECT TO CHANGE

4 Building Type II - 4 Story Elevation - Court Side Middle
3/32" = 1'-0"

3 Building Type II - 4 Story Elevation - Interior Court Side 1
3/32" = 1'-0"

2 Building Type II - 4 Story Elevation - End
3/32" = 1'-0"

1 Building Type II - 4 Story Elevation - Left Side
3/32" = 1'-0"

C4.4

kaas wilson architects

Bldg Type II - Exterior Elevations

North Salem Street Development Apex, NC

Apex, NC 27502 26075 04/30/2026

CONCEPT IMAGES -
DESIGN SUBJECT TO CHANGE

9 Building Type II - 4 Story Elevation - Front Right Side 2
3/32" = 1'-0"

8 Building Type II - 4 Story Elevation - Front Side Right 1
3/32" = 1'-0"

7 Building Type II - 4 Story Elevation - End
3/32" = 1'-0"

6 Building Type II - 4 Story Elevation - Exterior Back Side
3/32" = 1'-0"

5 Building Type II - 4 Story Elevation - Interior Court Side 2
3/32" = 1'-0"

C4.5

kaas wilson architects

Bldg Type II - Exterior Elevations

North Salem Street Development Apex, NC

Apex, NC 27502 26075 04/30/2026

CONCEPT IMAGES -
DESIGN SUBJECT TO CHANGE

(10) Building Type II - 4 Story Elevation - Front Side
3/32" = 1'-0"

C4.6

kaas wilson architects

Bldg Type II - Exterior Elevations

North Salem Street Development Apex, NC

Apex, NC 27502 26075 04/30/2026

MIXED-USE BUILDING EXAMPLE

MULTI-FAMILY BUILDING EXAMPLE

MULTI-FAMILY BUILDING EXAMPLE

MULTI-FAMILY BUILDING EXAMPLE

MIXED-USE BUILDING EXAMPLES

C4.7

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Precedents

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C4.8

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Artistic Rendering - Mixed Use Building

North Salem Street Development Apex, NC

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C4.8a

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Artistic Rendering - Mixed Use Building

North Salem Street Development Apex, NC

Apex, NC 27502 26075 04/30/2026

Traffic Impact Analysis

N. Salem Street Mixed-Use

Apex, NC

Prepared for:

Merit Group, LLC

Kimley»Horn

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Traffic Impact Analysis for

N. Salem Street Mixed-Use

Apex, North Carolina

Prepared for:

Merit Group, LLC

Holly Springs, North Carolina

Prepared by:

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November 2025

014490003

DocuSigned by:
Kevin Dean
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11/25/2025

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Executive Summary

Kimley-Horn and Associates has prepared a Traffic Impact Analysis (TIA) for the proposed N. Salem Street Mixed-Use (Good Acres) development, which will be located west of N. Salem Street between All Wheel Drive and Brittley Way in Apex, North Carolina. As currently envisioned the development is expected to consist of approximately 200 single-family attached dwelling units (assumed to potentially include a mix of traditional townhomes and "2-over-2" dwelling units), 250 mid-rise apartments, and 22,000 square feet (SF) of commercial space. Site access is proposed via new driveways along N. Salem Street and All Wheel Drive along with cross-access to Brittley Way at Frenchurch Way. Project build-out is anticipated in 2032.

This report presents trip generation, distribution, traffic analyses, and recommendations for transportation improvements required to meet anticipated project traffic demands. This report examines the existing (2025) traffic condition, the projected (2032) background traffic condition, and the projected (2032) build-out traffic condition.

Study Intersections

The study area for this development included the following intersections:

- N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street
- N. Salem Street at US 64 Eastbound Ramps
- N. Salem Street at All Wheel Drive/Key Ring Drive
- N. Salem Street at Thales Academy Inbound Driveway
- N. Salem Street at Thales Academy Outbound Driveway/South Site Drive (left-in/right-in/right-out)
- N. Salem Street at Brittley Way
- N. Salem Street at Apex Peakway
- Apex Peakway at Brittley Way
- Brittley Way at Frenchurch Way/Site Drive (full-movement)
- All Wheel Drive at Crossroads Ford Driveway/Site Drive (full-movement)
- N. Salem Street at North Site Drive (right-in only)

Existing Traffic Data

Weekday AM (7:00 to 9:00 AM) and PM (4:00 to 6:00 PM) peak hour turning movement counts at the existing study intersections on October 21, 2025, while area schools were in session. School PM (2:00 to 4:00 PM) peak hour counts were also collected at the Thales Academy driveways and at All Wheel Drive/Key Ring Drive.

Future No-Build Traffic Volumes

To calculate projected (2032) background traffic volumes a 3% annual growth rate was applied to the existing traffic up to the study year 2032, though no growth was applied to traffic volumes onto/off of All Wheel Drive/Key Ring Drive, Brittley Way, Frenchurch Way, or the Thales Academy driveways.

Based on TIA scoping discussions, no area approved developments were identified for inclusion in this analysis as background traffic.

Trip Generation

The traffic generation potential of the proposed development was determined using the traffic generation data published in the 11th Edition of the ITE *Trip Generation Manual.* For these calculations, site traffic for both townhomes and "2-over-2" dwelling units was generated using data for ITE land use code 215 (single-family attached) since that methodology provides more-conservative results than separating some units as low-rise multifamily dwelling units. The commercial space was generated as land use code 822 (strip retail plaza). As shown in Table ES-1, the development has the potential to generate 3,294 net new trips on a typical weekday, with 238 trips during the AM peak hour, 177 net new trips during the school PM peak hour, and 282 net new trips during the PM peak hour. A pass-by reduction of 20% was used in the school PM and PM peak hours for strip retail plaza trips even though ITE suggests higher pass-by reduction capture for similar retail uses.

Table ES-1
ITE Traffic Generation (Vehicles)

Land Use Code	Land Use	Intensity		Daily	AM Peak Hour		School PM Peak Hour		PM Peak Hour	
				Total	In	Out	In	Out	In	Out
215	Single-Family Attached Housing	200	d.u.	1,474	25	73	50	40	68	48
221	Multifamily Housing (Mid-Rise)	250	d.u.	1,146	23	75	29	21	60	38
822	Strip Retail Plaza (<40k)	22,000	s.f.	1,158	29	19	39	39	68	68
Subtotal				3,778	77	167	118	100	196	154
Internal Capture				*388*	*3*	*3*	*14*	*14*	*23*	*23*
Pass-by Capture				*96*	*0*	*0*	*7*	*6*	*12*	*10*
Total Net New External Trips				**3,294**	**74**	**164**	**97**	**80**	**161**	**121**

Capacity Analyses

Capacity analyses were performed using Synchro/SimTraffic Version 12 software. Table ES-2 summarizes the operation of the study intersections for the AM, school PM (where applicable), and PM peak hour traffic conditions. As an Apex Police officer serves as traffic control at the Thales Academy Outbound Driveway in the AM and school PM peak hours, that intersection was analyzed as a signalized intersection for the northbound Salem Street and Thales driveway approaches with free-flow operation for southbound Salem Street to model the impacts of that operation. The PM peak hour for that intersection, along with this development's proposed South Site Driveway, were modeled as unsignalized intersections.

Table ES-2
Intersection Levels of Service

Intersection	Existing Year (2025)			Future Year (2032)					
				Background			Build-out		
	AM Peak Hour LOS (Delay)	School PM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)	AM Peak Hour LOS (Delay)	School PM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)	AM Peak Hour LOS (Delay)	School PM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street	B (18.2)	-	C (34.0)	C (29.9)	-	D (45.2)	C (32.2)	-	D (48.3)
N. Salem Street at US 64 Eastbound Ramps	C (33.3)	-	C (26.2)	D (52.2)	-	D (41.8)	D (53.9)	-	D (41.9)
N. Salem Street at All Wheel Drive/Key Ring Drive	C (28.6)	C (22.9)	B (13.1)	C (31.9)	C (27.3)	B (19.6)	C (33.7)	C (32.1)	Unimp.: D (43.9) Imp.: C (26.9)
N. Salem Street at Thales Academy Inbound Driveway^	SBL - A (9.8)	SBL - A (6.5)	SBL - A (4.4)	SBL - B (13.0)	SBL - A (9.3)	SBL - B (11.1)	SBL - B (15.0)	SBL - B (11.3)	SBL - A (9.6)
N. Salem Street at Thales Academy Outbound Driveway/ South Site Driveway (LI/RI/RO)*	Thales Acad. w/ PO - C (24.6)	Thales Acad. w/ PO - C (23.6)	Thales Acad. WB - C (15.5)	Thales Acad. w/ PO - D (40.9)	Thales Acad. w/ PO - D (39.0)	Thales Acad. WB - C (18.8)	Thales Acad. w/ PO - D (40.9)	Thales Acad. w/ PO - D (39.4)	Thales Acad. WB - C (18.8)
	-	-	-	-	-	-	EB - C (16.4)	EB - C (21.7)	EB - D (29.8)
	-	-	-	-	-	-	NBL - A (5.2)	NBL - C (16.3)	NBL - C (22.2)
N. Salem Street at Brittley Way	EB - C (17.2)	-	EB - C (23.9)	EB - C (20.9)	-	EB - D (32.7)	EB - C (21.8)	-	EB - D (34.9)
	NBL - A (9.0)	-	NBL - B (10.9)	NBL - A (9.6)	-	NBL - B (12.4)	NBL - A (9.8)	-	NBL - B (12.7)
N. Salem Street at Apex Peakway	C (27.2)	-	C (33.1)	C (30.1)	-	D (41.2)	C (30.6)	-	D (43.5)
Apex Peakway at Brittley Way	NB - B (13.8)	-	NB - C (17.7)	NB - C (15.7)	-	NB - C (22.2)	NB - C (16.2)	-	NB - C (23.7)
	SB - C (16.8)	-	SB - C (19.5)	SB - C (20.3)	-	SB - D (25.9)	SB - C (20.3)	-	SB - D (26.5)
	EBL - A (8.0)	-	EBL - A (8.6)	EBL - A (8.2)	-	EBL - A (9.0)	EBL - A (8.2)	-	EBL - A (9.0)
	WBL - A (8.0)	-	WBL - A (8.2)	WBL - A (8.2)	-	WBL - A (8.5)	WBL - A (8.2)	-	WBL - A (8.5)
Brittley Way at Frenchurch Way (All-Way Stop)^^	Overall - A (7.3)	-	Overall - A (7.4)	Overall - A (7.3)	-	Overall - A (7.4)	Overall - A (7.4)	-	Overall - A (7.5)
All Wheel Drive at Crossroads Ford Drwy./Site Drwy.	-	-	-	-	-	-	NB - A (9.0)	-	NB - A (8.9)
	SB - A (8.8)	-	SB - A (8.7)	SB - A (8.8)	-	SB - A (8.7)	SB - A (9.5)	-	SB - A (9.4)
	EBL - A (7.3)	-	EBL - A (7.6)	EBL - A (7.3)	-	EBL - A (7.6)	EBL - A (7.3)	-	EBL - A (7.6)
	-	-	-	-	-	-	WBL - A (7.3)	-	WBL - A (7.3)

^Delays reported from SimTraffic

*Thales Academy Outbound Drwy. analyzed as siganlized intersection in AM and School PM peak hours to model police officer ("PO") traffic management. Site Driveway analyzed as unsignalized LI/RI/RO in each peak.

^^Delays reported for overall AWSC intersection.

Recommended Improvements

Other than the construction of site driveways (each with one ingress lane and one egress lane), the following improvements are recommended as part of the N. Salem Street Mixed-Use development:

N. Salem Street at All Wheel Drive/Key Ring Drive:

- If approved by the Town and NCDOT, modify signal phasing in the PM peak hour to eliminate the protected phases for the eastbound and westbound left-turn movements

N. Salem Street at Thales Academy Outbound Driveway/South Site Driveway:

- Construct the South Site Driveway as a directional crossover (left-in/right-in/right-out) access with one ingress lane and one egress lane
- Provide a northbound left-turn lane on N. Salem Street with 100 feet of storage and appropriate tapers
- Coordinate with the Town and NCDOT on appropriate driveway channelization for this site access and to limit the Thales Academy Outbound Driveway to right-out only

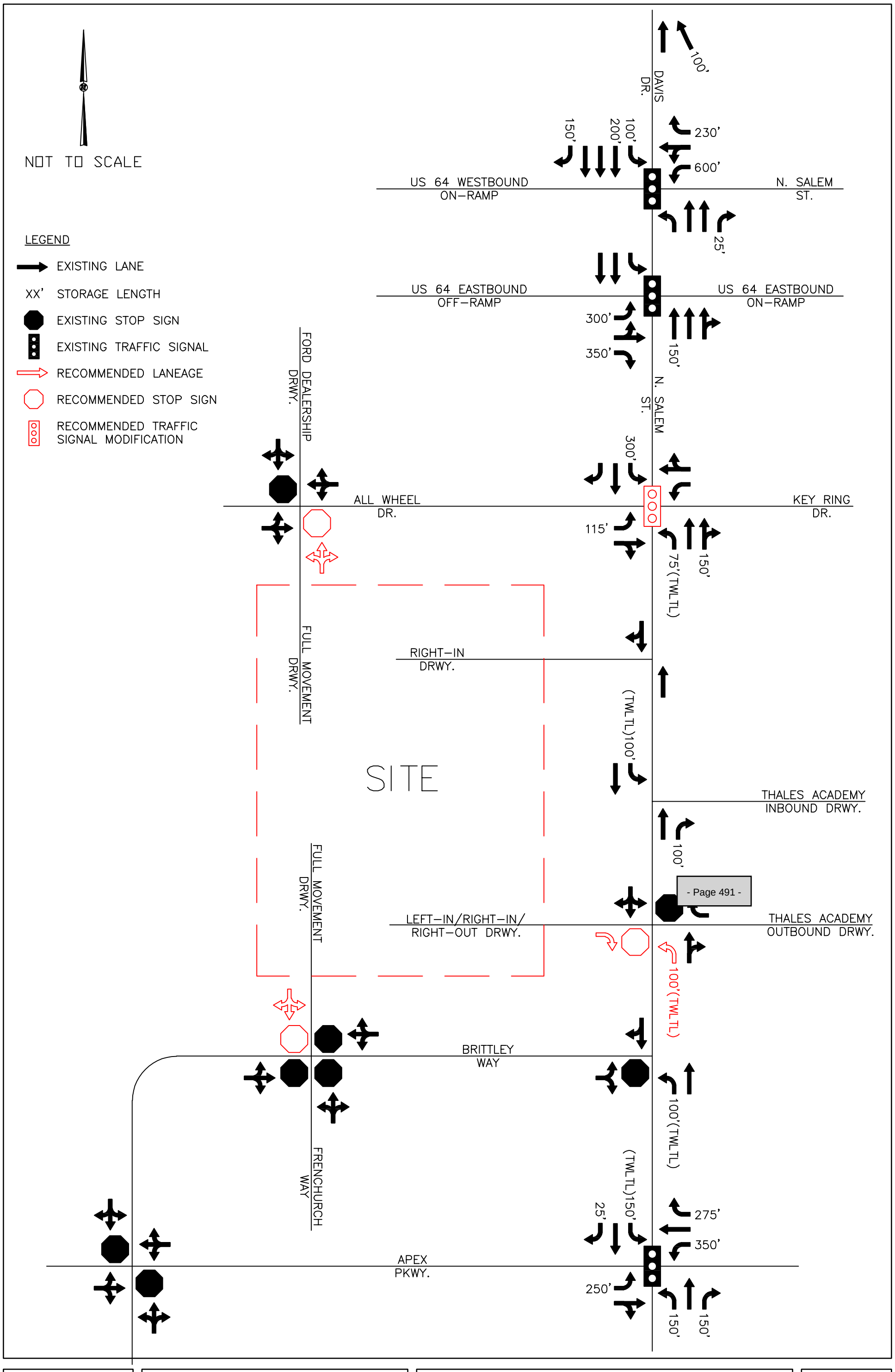
Figure ES-1 shows the recommended roadway laneage at project build-out.

Conclusions

Analyses indicate that with the recommended improvements in place, all of the signalized study intersections are expected to operate at overall acceptable LOS at project build-out.

At the unsignalized intersection of N. Salem Street at Brittley Way, moderate delays are anticipated on the minor street approach (Brittley Way) in the PM peak hour in the study year 2032 with or without the proposed development in place. However, it is typical for stop sign controlled side streets and driveways intersecting major streets to experience long delays during peak hours, while the majority of the traffic moving through the intersection on the major street experiences little or no delay. As this development is expected to have minimal impacts on this intersection, and since the on-site street network will provide connectivity to the traffic signal at All Wheel Drive, which is expected to result in a diversion of some existing traffic off of Brittley Way, no improvements are recommended to be performed at this intersection.

Long queues observed in the existing traffic condition at several study intersections (including the Thales Academy driveways and the US 64 ramps) are expected to continue in the future traffic conditions. However, site traffic impacts on intersection volumes and delays are relatively minimal at most intersections, and the proposed access configuration results in little additional traffic added to N. Salem Street through the Thales Academy driveways in the AM and school PM peak hours. Therefore, no additional improvements are recommended to be performed as part of this development.



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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

RECOMMENDED ROADWAY LANEAGE

FIGURE
ES-1

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1.0 Introduction

Kimley-Horn and Associates has prepared a Traffic Impact Analysis (TIA) for the proposed N. Salem Street Mixed-Use (Good Acres) development, which will be located west of N. Salem Street between All Wheel Drive and Brittley Way in Apex, North Carolina. As currently envisioned the development is expected to consist of approximately 200 single-family attached dwelling units (assumed to potentially include a mix of traditional townhomes and "2-over-2" dwelling units), 250 mid-rise apartments, and 22,000 square feet (SF) of commercial space. Site access is proposed via new driveways along N. Salem Street and All Wheel Drive along with cross-access to Brittley Way at Frenchurch Way. Project build-out is anticipated in 2032.

This report presents trip generation, distribution, traffic analyses, and recommendations for transportation improvements required to meet anticipated project traffic demands. This report examines the existing (2025) traffic condition, the projected (2032) background traffic condition, and the projected (2032) build-out traffic condition.

The Town of Apex and the North Carolina Department of Transportation (NCDOT) provided background information and were consulted regarding the elements to be covered in this analysis. The study Memorandum of Understanding is included in the Appendix of this report.

2.0 Inventory

2.1 *Study Area*

The study area for this development includes the following intersections:

- N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street
- N. Salem Street at US 64 Eastbound Ramps
- N. Salem Street at All Wheel Drive/Key Ring Drive
- N. Salem Street at Thales Academy Inbound Driveway
- N. Salem Street at Thales Academy Outbound Driveway/South Site Drive (left-in/right-in/right-out)
- N. Salem Street at Brittley Way
- N. Salem Street at Apex Peakway
- Apex Peakway at Brittley Way
- Brittley Way at Frenchurch Way/Site Drive (full-movement)
- All Wheel Drive at Crossroads Ford Driveway/Site Drive (full-movement)
- N. Salem Street at North Site Drive (right-in only)

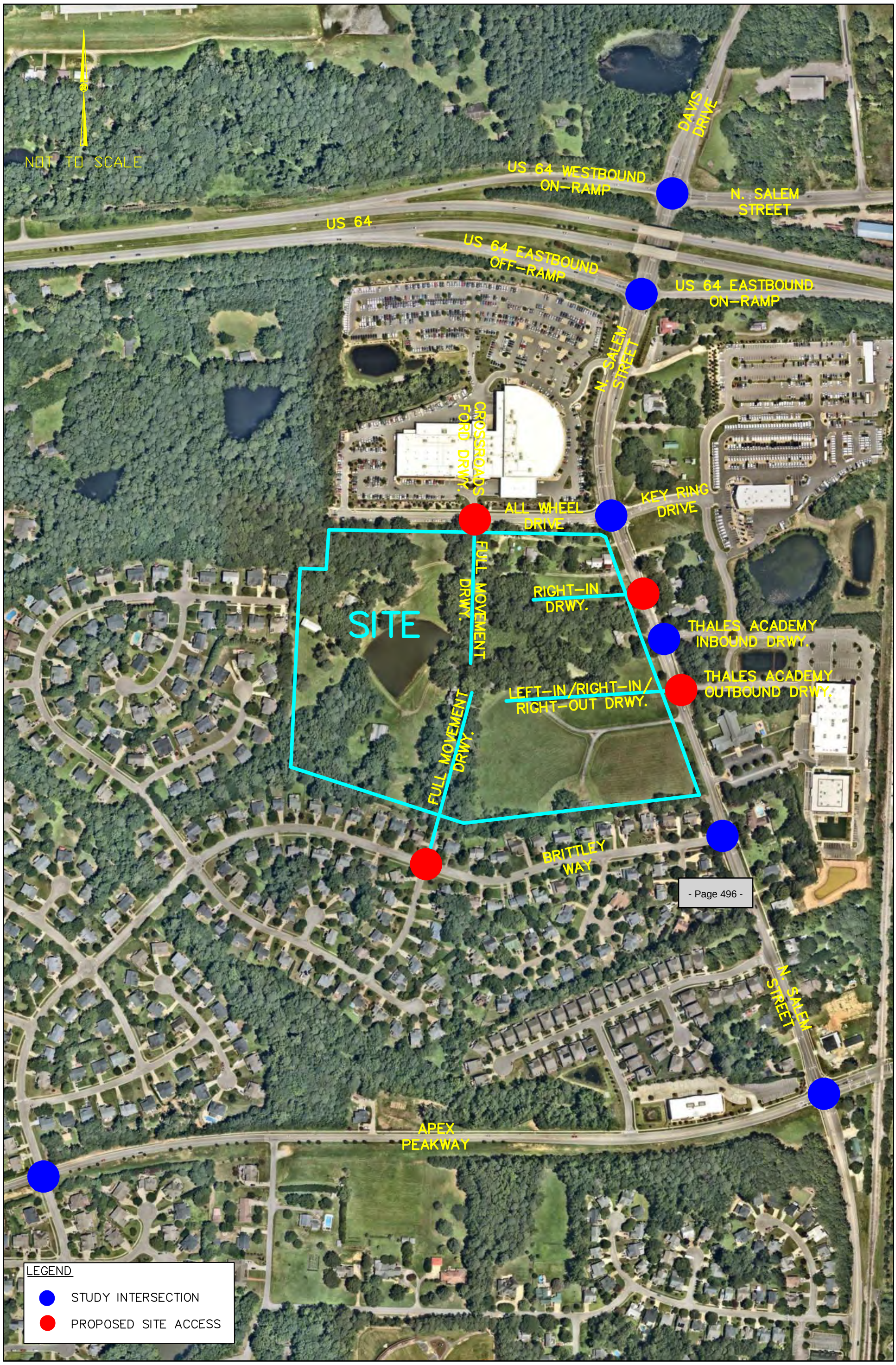
This site location is shown on **Figure 2.1,** the conceptual master plan is shown on **Figure 2.2,** and **Figure 2.3** shows the existing study intersection laneage**.**

2.2 *Existing Conditions*

The proposed development is located generally southwest of the N. Salem Street – All Wheel Drive/Key Ring Drive intersection. Roadway network elements (speed limit, estimated average daily traffic volume, existing configuration, and Town of Apex Thoroughfare and Collector Street Plan designation) of study area roadways are summarized in Table 2.1.

Table 2.1
Roadway Network Summary

Roadway	Speed Limit	Estimated 2025 ADT Volume	Typical Existing Configuration	Future Section per Thoroughfare & Collector Street Plan
US 64 Business	55 mph	54,500 vpd west of N. Salem Street	4-Lane Divided	-
N. Salem Street	35 mph	18,800 vpd north of Brittley Way	2-Lane to 3-Lane Undivided	3-Lane Undivided Thoroughfare
Apex Peakway	35 mph	9,500 vpd west of N. Salem Street	2-Lane Undivided	4-Lane Divided Thoroughfare
Brittley Way	25 mph	2,800 vpd west of N. Salem Street	2-Lane Undivided	Local Street



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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

SITE LOCATION

FIGURE
2.1

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SITE LEGEND

- PROPERTY LINE
- 50' TOWN OF APEX RIPARIAN BUFFER
- LOCAL STREET
- 10' SIDEPATH
- ACTIVE RECREATION AREA/PLAY LAWN
- VEHICULAR ACCESS
- 10' ROW DEDICATION
- BUILDINGS IN THIS AREA SHALL BE LIMITED TO 4 FLOORS (55 FT) SEE PLAN FOR LOCATION
- EXISTING WETLAND
- PERIMETER BUFFER/RESOURCE CONSERVATION AREA (MINIMUM OF 20% OF SITE AREA)
- MULTI-RESIDENTIAL (MULTI-FAMILY, TOWNHOUSES)
- MULTI-FAMILY (APARTMENTS)
- MULTI-FAMILY APARTMENTS; NON-RESIDENTIAL
- TOWNHOUSES

GENERAL NOTES

1. ALL ZONING PLAN SHEETS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. FINAL DESIGN COMPONENTS SHALL BE DETERMINED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZONING CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN CIRCULATION ARE CONCEPTUAL AND SHALL BE FINALIZED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. A PUBLIC PEDESTRIAN ACCESS EASEMENT WILL BE PROVIDED FROM THE CUL-DE-SAC ON CHARLION DOWNS LANE TO STREET B. EXACT LOCATION TO BE DETERMINED AT THE TIME OF SITE/SUBDIVISION PLAN APPROVAL PROCESS.
5. TREE PROTECTION FENCING SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
6. ALL PARKING STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
7. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE FINALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
8. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTAINED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
9. SITE ELEMENTS REQUIRED TO SATISFY RECREATIONAL REQUIREMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND IN THE TOWN OF APEX STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS AND THE REQUIREMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
10. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHTING, LANDSCAPING, SCREENING, SITE STABILIZATION (SEEDING), PARKING, AND PAVEMENT MARKING, MUST BE COMPLETED PRIOR TO SCHEDULING A FINAL SITE INSPECTION.

UTILITY NOTES:

1. THIS PROJECT IS REQUESTING FULL TOWN SERVICES, INCLUDING BUT NOT LIMITED TO, WATER, SEWER AND ELECTRICITY.
2. THE SITE WILL NOT UTILIZE PRIVATE SEWAGE DISPOSAL SYSTEMS.
3. ALL UTILITY EASEMENTS SHALL BE PROVIDED AS NECESSARY. EXACT LOCATION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION DRAWINGS.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF APEX STANDARDS AND SPECIFICATIONS.
5. ALL WATER AND SEWER MAINS WITHIN THE PUBLIC EASEMENTS SHALL BE OWNED, OPERATED, AND MAINTAINED BY THE TOWN OF APEX.

GRAPHIC SCALE IN FEET 0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
7		—	—
6		—	—
5		—	—
4		—	—
3		—	—
2		—	—
1		—	—

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#F-0102 WWW.KIMLEY-HORN.COM PHONE: 984-212-4572
1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

PRELIMINARY NOT FOR CONSTRUCTION

KHA PROJECT 000000000	
DATE 12/01/2025	
SCALE	AS SHOWN
DESIGNED BY	RCZ
DRAWN BY	JTG
CHECKED BY	RCZ

PRELIMINARY SITE LAYOUT

N. SALEM STREET MIXED USE
PREPARED FOR
MERIT GROUP LLC
APEX NORTH CAROLINA

SHEET NUMBER
C3.0

FIGURE 2.2

CONCEPTUAL SITE PLAN

N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

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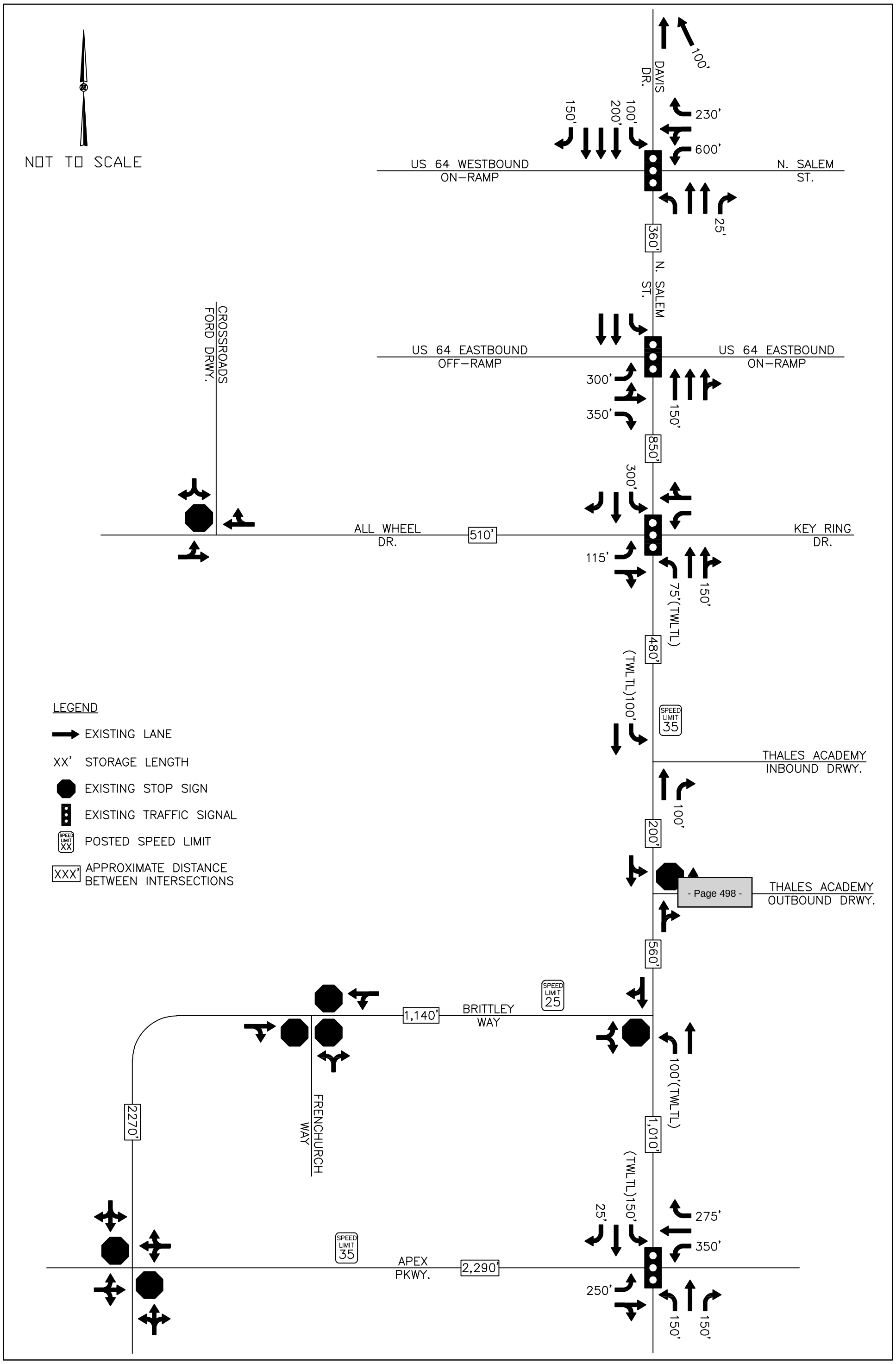

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

EXISTING ROADWAY LANEAGE

FIGURE
2.3

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3.0 Traffic Generation

The traffic generation potential of the proposed development was determined using the traffic generation data published in *Trip Generation* (Institute of Transportation Engineers, Eleventh Edition, 2021). As currently envisioned the development is expected to consist of approximately 200 single-family attached dwelling units (assumed to potentially include a mix of traditional townhomes and "2-over-2" dwelling units), 250 mid-rise apartments, and 25,000 square feet (SF) of strip retail plaza space. For these calculations, site traffic for both townhomes and "2-over-2" dwelling units was generated using data from ITE land use code 215 (single-family attached) since that methodology provides more-conservative results than separating some units as low-rise multifamily dwelling units. The commercial space was generated as land use code 822 (strip retail plaza). Detailed trip generation calculations are included in the Appendix of this report.

Table ES-1
ITE Traffic Generation (Vehicles)

Land Use Code	Land Use	Intensity		Daily	AM Peak Hour		School PM Peak Hour		PM Peak Hour	
				Total	In	Out	In	Out	In	Out
215	Single-Family Attached Housing	200	d.u.	1,474	25	73	50	40	68	48
221	Multifamily Housing (Mid-Rise)	250	d.u.	1,146	23	75	29	21	60	38
822	Strip Retail Plaza (<40k)	22,000	s.f.	1,158	29	19	39	39	68	68
Subtotal				3,778	77	167	118	100	196	154
Internal Capture				*388*	*3*	*3*	*14*	*14*	*23*	*23*
Pass-by Capture				*96*	*0*	*0*	*7*	*6*	*12*	*10*
Total Net New External Trips				**3,294**	**74**	**164**	**97**	**80**	**161**	**121**

As shown in Table 3.1, the development has the potential to generate 3,294 net new trips on a typical weekday, with 238 trips during the AM peak hour, 177 net new trips during the school PM peak hour, and 282 net new trips during the PM peak hour.

Internally captured trips are trips that begin and end on the project site and do not access the external roadway network. Based on ITE data, internal capture between the proposed uses will be approximately 2% in the AM peak hour and 13% in the school PM and PM peak hours.

Pass-by trips are trips already on the roadway network that will make a trip to the site as they pass by on the adjacent street. A pass-by reduction of 20% was used in the school PM and PM peak hours for strip retail plaza trips even though ITE suggests higher pass-by reduction capture for similar retail uses. Pass-by trips in the school PM and PM peak hours were assigned to study intersections based on existing traffic patterns.

4.0 Site Traffic Distribution

The projected site-generated trips were assigned to the surrounding roadway network consistent with discussions with NCDOT and the Town. Based on the surrounding roadway network and access configurations surrounding the site, separate distributions were developed for the residential and retail uses.

The following overall distribution was used for new residential site trips:

- 30% to/from east on I-64 Eastbound On-Ramp/N. Salem Street
- 20% to/from west on I-64 Westbound On-Ramp/Eastbound Off-Ramp
- 15% to/from north on Davis Drive
- 15% to/from south on N. Salem Street
- 10% to/from east on Apex Parkway
- 10% to/from west on Apex Parkway

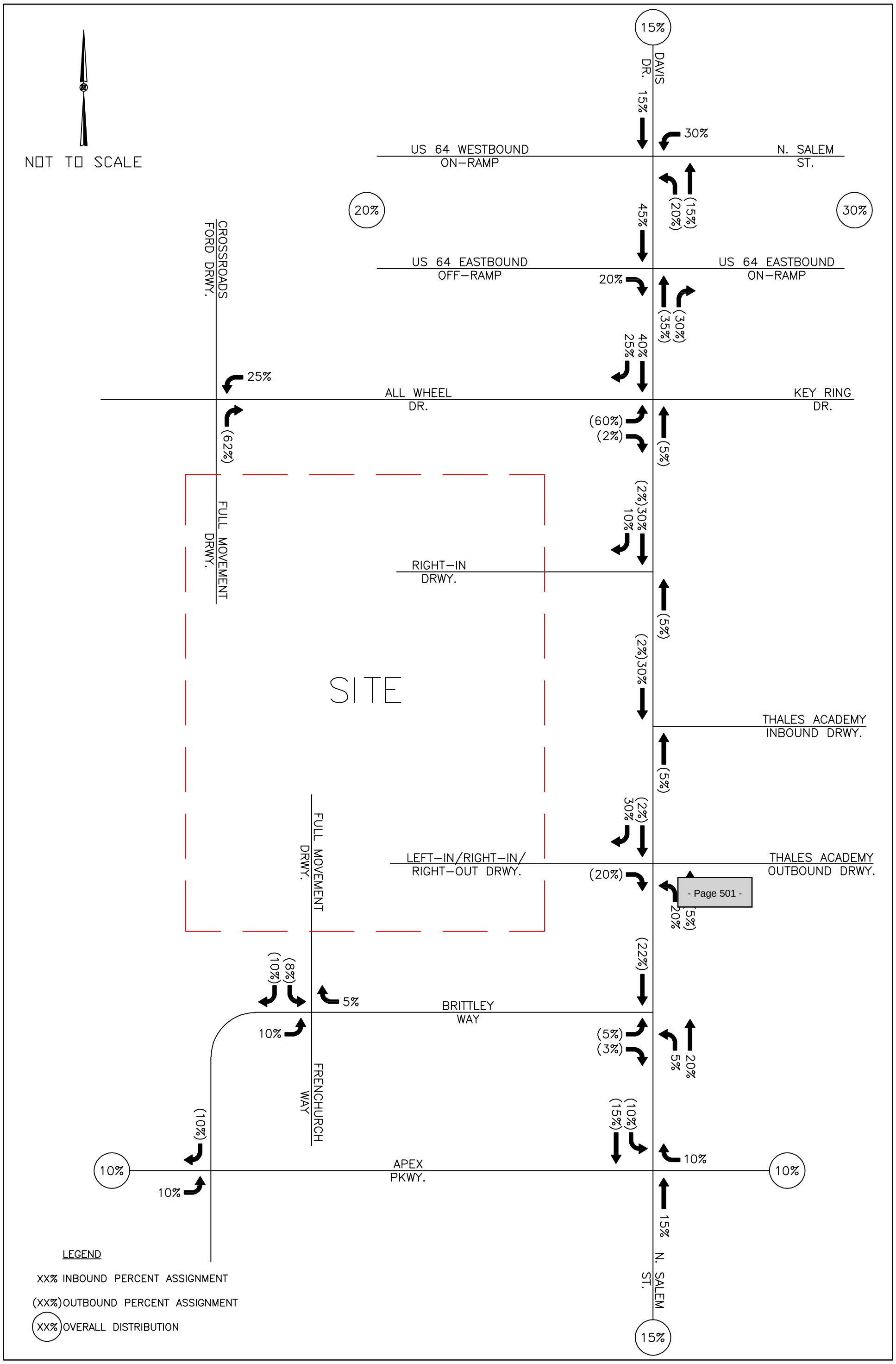
The site traffic distribution and percent assignment for new residential site trips is shown on **Figure 4.1**.

The following overall distribution was used for net new retail site trips:

- 25% to/from north on Davis Drive
- 15% to/from south on N. Salem Street
- 15% to/from surrounding neighborhoods via Brittley Way (not assigned beyond the Brittley Way – Frenchurch Way/Site Driveway intersection)
- 15% to/from east on Apex Parkway
- 10% to/from west on Apex Parkway
- 10% to/from east on I-64 Eastbound On-Ramp/N. Salem Street
- 10% to/from west on I-64 Westbound On-Ramp/Eastbound Off-Ramp

The site traffic distribution and percent assignment for net new retail site trips is shown on **Figure 4.2**.

Pass-by reductions and percent assignment used in the school PM and PM peak hours are shown on **Figure 4.3**.



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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

RESIDENTIAL SITE DISTRIBUTION
AND PERCENT ASSIGNMENT

FIGURE
4.1

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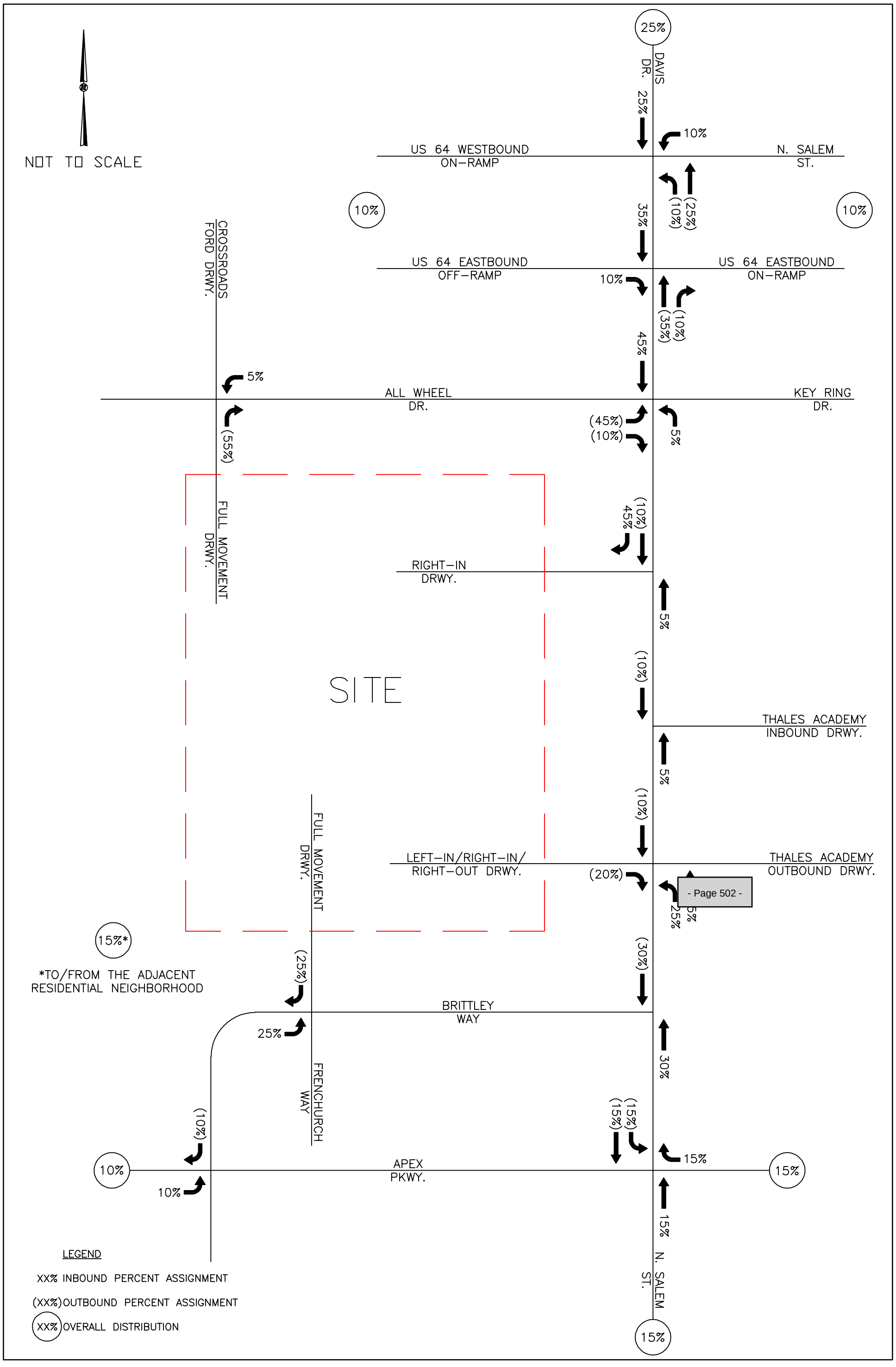

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

COMMERCIAL SITE DISTRIBUTION
AND PERCENT ASSIGNMENT

FIGURE
4.2

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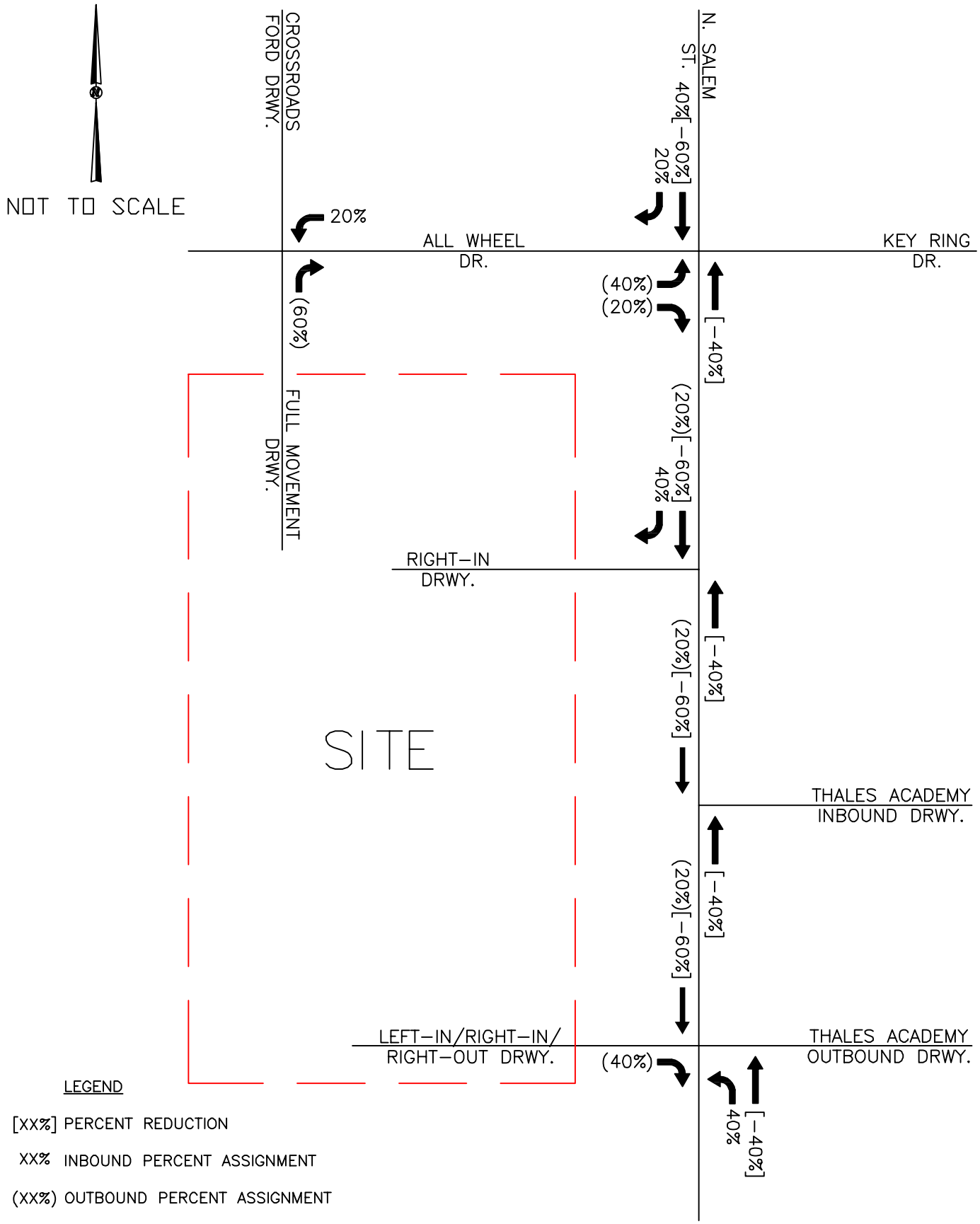

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N. SALEM STREET
MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALY

RETAIL PASS-BY ASSIGNMENT:
SCHOOL PM & PM PEAKS

FIGURE
4.3

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5.0 Study Traffic Volumes

5.1 *Existing Traffic*

AM peak hour (7:00 to 9:00 AM) and PM peak hour (4:00 to 6:00 PM) turning movement counts were collected at each of the existing study intersections on October 21, 2025 while area public schools were in session. School PM peak hour (2:00 to 4:00 PM) peak hour turning movement counts were also performed along N. Salem Street at the intersections of All Wheel Drive/Key Ring Drive, the Thales Academy Inbound Driveway, and the Thales Academy Outbound Driveway. Existing left-turn traffic exiting at the Thales Academy Outbound Driveway was reassigned to the westbound approach of Key Ring Drive (and southbound along N. Salem Street) as that driveway is intended to be right-out only. No other adjustments were applied to existing traffic volumes.

The existing AM, school PM, and PM peak-hour traffic volumes are shown on **Figure 5.1**. Traffic count data is included in the Appendix.

5.2 *Historic Growth Traffic*

Historic growth traffic is the increase in traffic due to usage increases and non-specific growth throughout the area. Based on discussions with the Town of Apex, a 3% annual growth rate was applied to the existing traffic to calculate background traffic volumes expected in 2032, though no growth was applied onto/off of the Thales Academy driveways, All Wheel Drive/Key Ring Drive, Brittley Way, or Frenchurch Way since development on those roadways is complete.

5.3 *Approved Development Traffic*

Based on TIA scoping discussions, no area approved developments were identified for inclusion in this analysis as background traffic.

5.4 *Background Traffic*

Total background traffic volumes, consisting of existing and historic growth traffic, are shown on **Figure 5.2**.

5.5 *Site Traffic*

Traffic from the proposed development was generated and assigned to the adjacent roadway network per the distribution described in *Section 4.0*. Study peak hour site traffic volumes are shown on **Figure 5.3.**

5.6 *Background Traffic Volume Diversions*

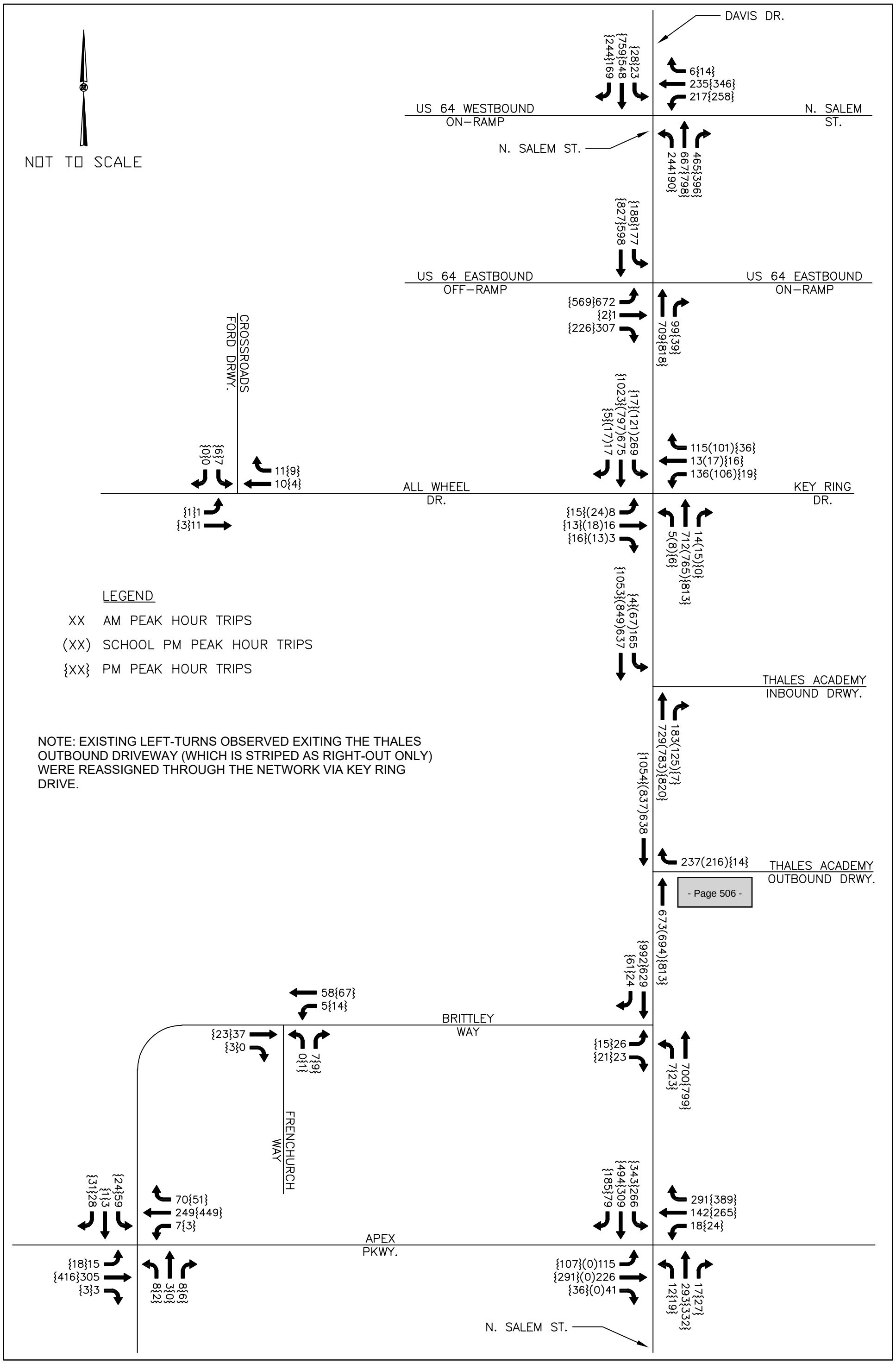
Traffic diversions are anticipated at select study intersections with the addition of internal development connectivity and site access. While no access modifications are proposed at the

intersection of N. Salem Street at Brittley Way, internal connectivity provided as part of this development will provide an option for existing left-turn traffic from Brittley Way to make that same maneuver at the traffic signal at All Wheel Drive. For this analysis, 25% of existing eastbound left-turn traffic at the intersection of Brittley Way at N. Salem Street was reassigned to All Wheel Drive.

Volume diversions are reflected in the attached volume development worksheets.

5.7 *Build-out Traffic*

To obtain the 2032 build-out traffic volumes, the projected site traffic was added to the projected (2032) background traffic. Traffic volume calculations are detailed in intersection spreadsheets in the Appendix of this report. **Figure 5.4** show the total AM, school PM, and PM peak hour build-out traffic volumes at the study intersections.



NOTE: EXISTING LEFT-TURNS OBSERVED EXITING THE THALES OUTBOUND DRIVEWAY (WHICH IS STRIPED AS RIGHT-OUT ONLY) WERE REASSIGNED THROUGH THE NETWORK VIA KEY RING DRIVE.

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

EXISTING (2025) PEAK HOUR TRAFFIC VOLUMES

FIGURE
5.1

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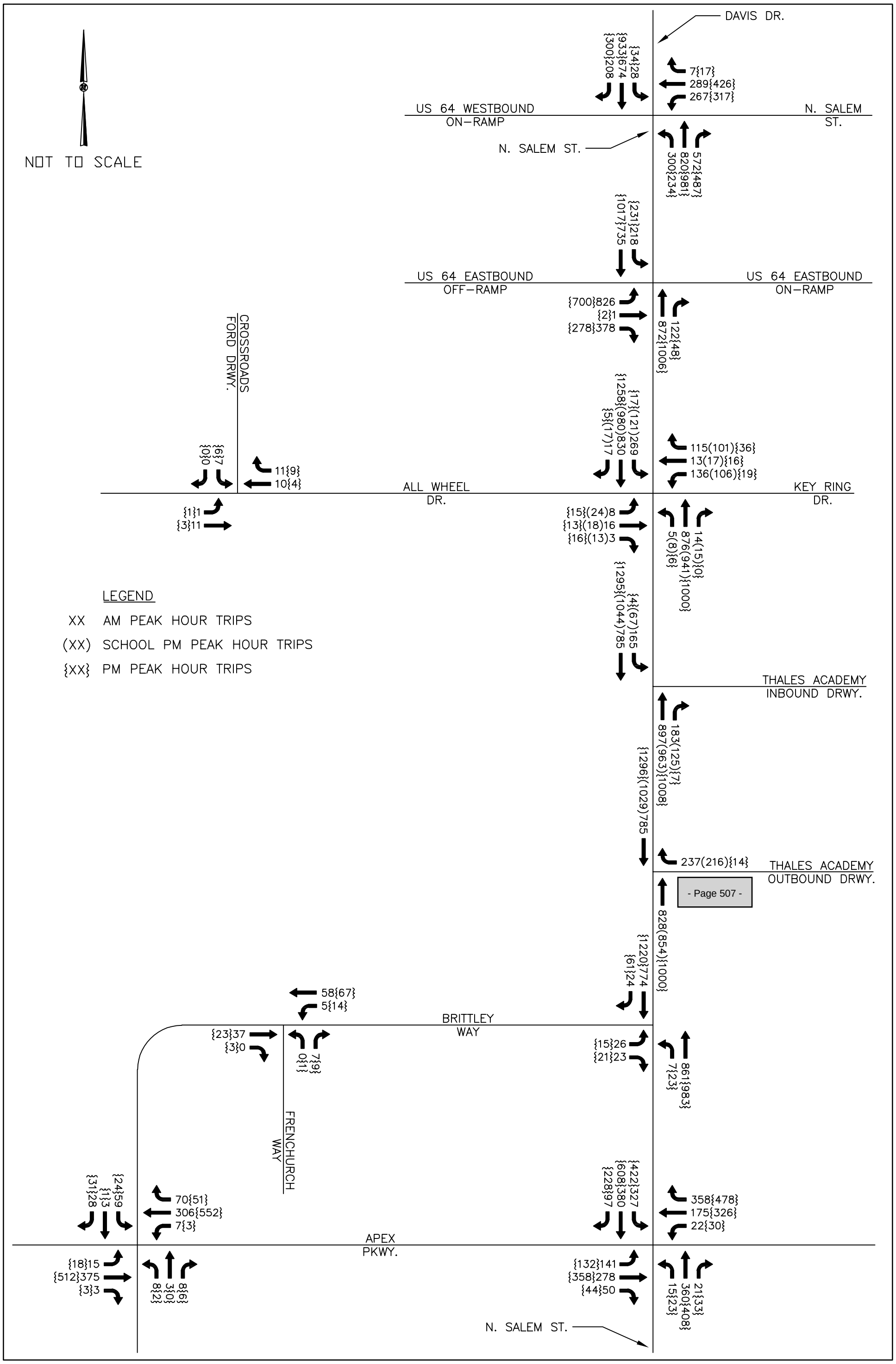

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

PROJECTED (2032) BACKGROUND
PEAK HOUR TRAFFIC VOLUMES

FIGURE
5.2

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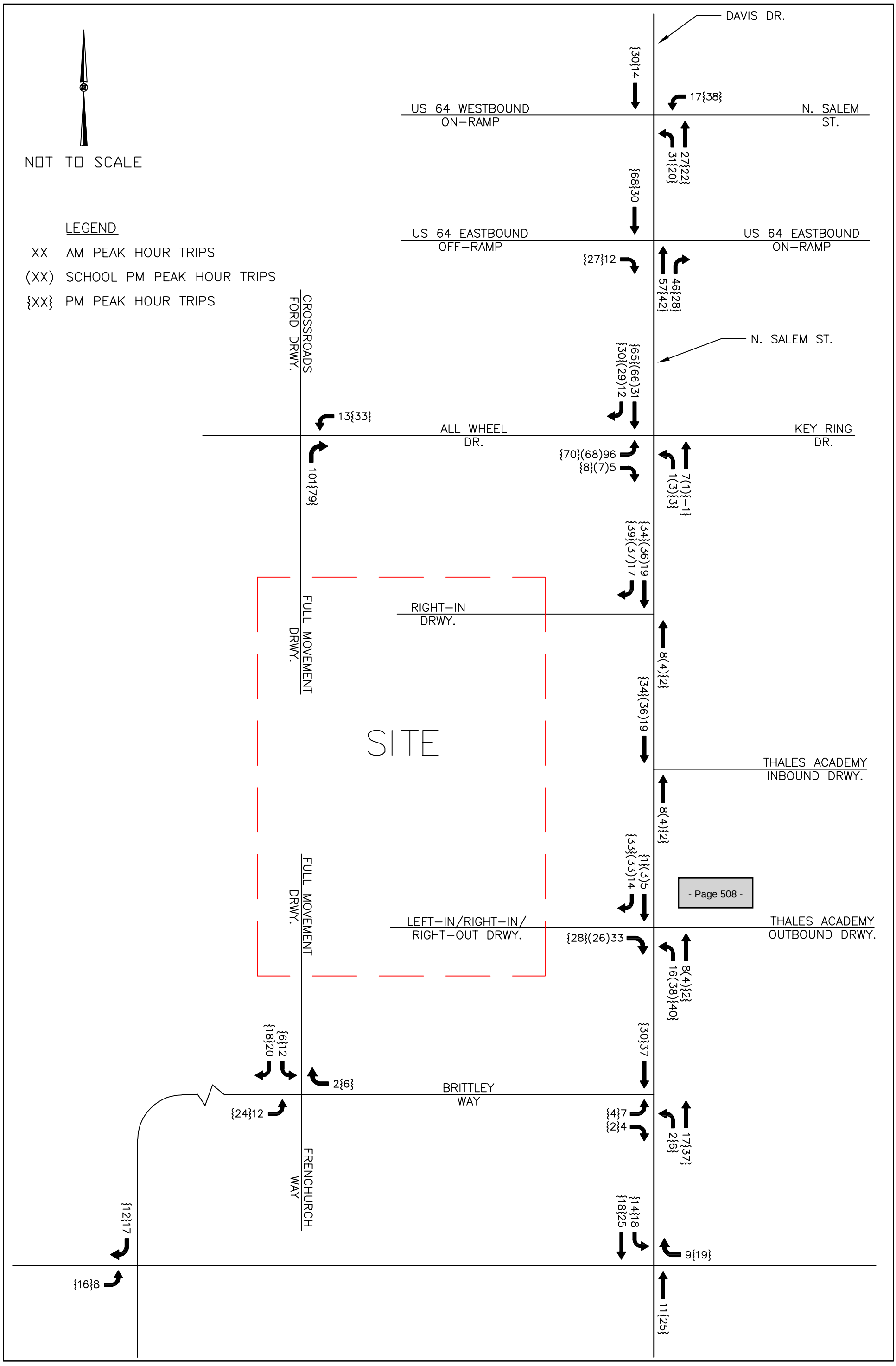

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

TOTAL SITE TRIP VOLUMES

FIGURE
5.3

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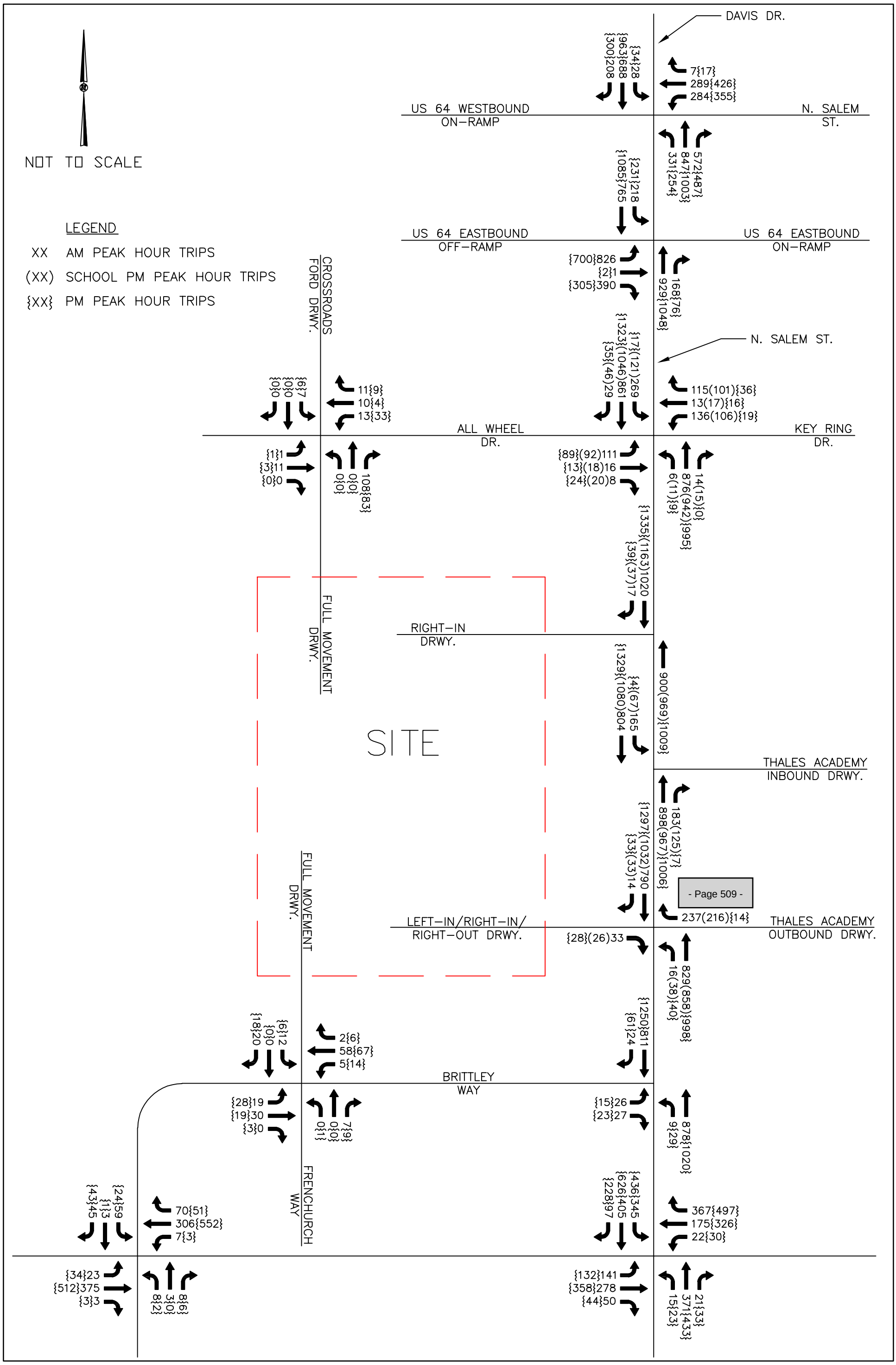

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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

PROJECTED (2032) BUILD-OUT
PEAK HOUR TRAFFIC VOLUMES

FIGURE
5.4

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6.0 Capacity Analysis

Capacity analyses (see Appendix) were performed for the AM, school PM, and PM peak hours for the existing (2025) traffic condition and the projected (2032) background and build-out traffic conditions using Synchro/SimTraffic Version 12 software to determine the operating characteristics of the adjacent road network and the impacts of the proposed project.

Capacity is defined as the maximum number of vehicles that can pass over a particular road segment or through a particular intersection within a set time duration. Capacity is combined with Level-of-Service (LOS) to describe the operating characteristics of a road segment or intersection. LOS is a qualitative measure that describes operational conditions and motorist perceptions within a traffic stream. The *Highway Capacity Manual* defines six levels of service, LOS A through LOS F, with A representing the shortest average delays and F representing the longest average delays. LOS D is the typically accepted standard for signalized intersections in urbanized areas. For signalized intersections, LOS is defined for the overall intersection operation.

For unsignalized intersections, only the movements that must yield right-of-way experience control delay. Therefore, LOS criteria for the overall intersection is not reported by Synchro Version 12 or computable using methodology published in the *Highway Capacity Manual.* It is typical for stop sign controlled side streets and driveways intersecting major streets to experience long delays during peak hours, while the majority of the traffic moving through the intersection on the major street experiences little or no delay. Table 6.0 lists the LOS control delay thresholds published in the *Highway Capacity Manual* for signalized and unsignalized intersections.

Table 6.0
Level-of-Service Control Delay Thresholds

Level-of-Service	Signalized Intersections – Control Delay Per Vehicle [sec/veh]	Unsignalized Intersections – Average Control Delay [sec/veh] & Qualitative Operational Description	
A	≤ 10	≤ 10	Short Delays
B	> 10 – 20	> 10 – 15	
C	> 20 – 35	> 15 – 25	
D	> 35 – 55	> 25 – 35	Moderate Delays
E	> 55 – 80	> 35 – 50	
F	> 80	> 50	Long Delays

Where count or projected volumes were less than 4 vehicles, a minimum volume of 4 was used in the Synchro analysis to be conservative, though volume figures and volume development spreadsheets reflect actual volumes for all movements. Existing peak hour factors (PHF) were analyzed by-movement at Thales Academy driveways and the Key Ring Drive/All Wheel Drive intersections in the existing and background conditions for the AM and school PM peak, while a weighted PHF (using a PHF of 0.90) was calculated for the build-out condition. A PHF of 0.50

was used for turns into and out of the Thales Academy driveways in each study condition even when count data indicates higher values. A PHF of 0.90 was used for turning movements at new intersections in the build-out condition.

Right-turns on red (RTOR) and permitted + protected left-turn phasing were included in the analysis where currently permitted, and existing signal timings were obtained from signal cabinets during a field visit.

As an Apex Police officer serves as traffic control at the Thales Academy Outbound Driveway in the AM and school PM peak hours, that intersection was analyzed as a signalized intersection to model the impacts of that operation. The PM peak hour for that intersection, along with this development's proposed South Site Driveway, were modeled as unsignalized intersection approaches.

It should be noted that the intersection of N. Salem Street at the North Site Driveway (right-in only) intersection was analyzed much closer to All Wheel Drive in Synchro analyses to better reflect the left-turn storage utilization along N. Salem Street between All Wheel Drive and the Thales Academy Inbound Driveway (as the addition of the driveway creates a node in Synchro that otherwise would not exist once constructed).

6.1 *N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street*

Analyses indicate that the signalized intersection of N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street currently operates at LOS B in the AM peak hour and LOS C in the PM peak hour. The intersection is expected to operate at LOS C in the AM peak hour and LOS D in the PM peak hour in the study year 2032 with or without the proposed development in place. In the studied peak hours, project site traffic is expected to account for only 3% of overall intersection traffic. Occasional long queues observed in the existing condition on the westbound approach of N. Salem Street are expected to continue in future traffic conditions, though site traffic is expected to have a relatively small impact.

Therefore, based on the relatively minimal impacts associated with the addition of project site traffic, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.1 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.1
Level-of-Service
N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street (Signalized)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	B (18.2)	C (34.0)
Projected (2032) Background Traffic	C (29.9)	D (45.2)
Projected (2032) Build-out Traffic	C (32.2)	D (48.3)

6.2 *N. Salem Street at US 64 Eastbound Ramps*

Analyses indicate that the signalized intersection of N. Salem Street at the US 64 Eastbound Ramps currently operates at LOS C in both the AM and PM peak hours. The intersection is expected to operate at LOS D in both peak in the study year 2032 with or without the proposed development in place. In the studied peak hours, project site traffic is expected to account for less than 5% of overall intersection traffic and less than 10% of any intersection approach. Occasional long queues observed in the existing condition on the east approach of the US 64 Eastbound Off-Ramp are expected to continue in future traffic conditions, though site traffic is expected to have a relatively small impact.

Therefore, based on the relatively minimal impacts associated with the addition of project site traffic, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.2 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.2
Level-of-Service
N. Salem Street at US 64 Eastbound Ramps (Signalized)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	C (33.3)	C (26.2)
Projected (2032) Background Traffic	D (52.2)	D (41.8)
Projected (2032) Build-out Traffic	D (53.9)	D (41.9)

6.3 *N. Salem Street at All Wheel Drive/Key Ring Drive*

Analyses indicate that the signalized intersection of N. Salem Street at All Wheel Drive/Key Ring Drive currently operates at LOS C in the AM and school PM peak hours and LOS B in the PM peak hour. The intersection is expected to continue to operate at those same LOS in each of the studied peak hours in the projected (2032) background traffic condition. In the projected (2032) build-out condition, the intersection is expected to continue to operate at LOS C in the AM and school PM peak hours and operate at LOS D in the PM peak hour if no modifications are made. In the studied peak hours, project site traffic is expected to account for less than 8% of overall intersection traffic and less than 10% of intersection approaches with the exception of the eastbound approach of All Wheel Drive.

While there are no reasonably-constructible geometric improvements at this intersection, it was determined that shorter overall intersection delays could be achieved if the existing permitted+protected phasing for the eastbound and westbound left-turn movements were revised to permitted-only in the PM peak hour given the relatively low volume of side-street volumes in that peak. Based on this finding, and subject to Town and NCDOT approval, it is recommended that time-of-day modifications be made to eliminate the protected phase for those movements in the PM peak hour. With this modification in place, the intersection is expected to operate at LOS C in the PM peak hour.

Long queues observed on the southbound left-turn movement and westbound approach in the AM and school PM peak hours are expected to continue in the future traffic conditions, though no site traffic is proposed to be added to those movements.

Table 6.3 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.3
Level-of-Service
N. Salem Street at All Wheel Drive/Key Ring Drive (Signalized)

Condition	**AM Peak Hour LOS (Delay)**	**School PM Peak Hour LOS (Delay)**	**PM Peak Hour LOS (Delay)**
Existing (2025) Traffic	C (28.6)	C (22.9)	B (13.1)
Projected (2032) Background Traffic	C (31.9)	C (27.3)	B (19.6)
Projected (2032) Build-out Traffic	C (33.7)	C (32.1)	Unimp.: D (43.9) Imp.: C (26.9)

6.4 *N. Salem Street at Thales Academy Inbound Driveway*

Analyses indicate that the unsignalized intersection of N. Salem Street at the Thales Academy Inbound Driveway currently operates with short delays for the southbound left-turn movement in each of the study peak hours, though long queues were observed in the field and in SimTraffic simulations. Relatively minor increases in movement delays are anticipated in the study year 2032 with or without the proposed development in place, and project site traffic (which will only be added to major-street through movements) is expected to account for less than 2% of overall intersection traffic and less than 4% of any intersection approach.

Long queues for the southbound left-turn movement were noted in the existing traffic condition, and it is anticipated that those will continue in the future traffic conditions. However, given that few site trips will be added to the northbound through movement at this intersection, and since the on-site street network will provide connectivity to the traffic signal at All Wheel Drive that allows existing traffic along Brittley Way to bypass this section of N. Salem Street, no improvements are recommended to be performed at this intersection.

Table 6.4 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions. Note that the major-street left-turn delay was reported from SimTraffic as Synchro software does not report delays for unsignalized intersections without a stop-controlled approach.

Table 6.4
Level-of-Service
N. Salem Street at Thales Academy Inbound Driveway (Unsignalized)

Condition	AM Peak Hour LOS (Delay)	School PM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	SBL – A (9.8)	SBL – A (6.5)	SBL – A (4.4)
Projected (2032) Background Traffic	SBL – B (13.0)	SBL – A (9.3)	SBL – B (11.1)
Projected (2032) Build-out Traffic	SBL – B (15.0)	SBL – B (11.3)	SBL – A (9.6)

6.5 *N. Salem Street at Thales Academy Outbound Driveway/South Site Driveway*

A Town of Apex police officer directs traffic at this intersection in the AM and school PM peak hours stopping northbound Salem Street traffic to allow Thales Academy traffic to exit the school. Therefore, the intersection was modeled as a traffic signal for the northbound Salem Street and Thales driveway approaches (the officer does occasionally allow exiting left-turns) with free-flow operation for southbound Salem Street for those peak hours. The intersection was analyzed as unsignalized in the PM peak hour. Analyses indicate that the intersection of N. Salem Street at the Thales Academy Outbound Driveway currently operates at LOS C in the AM and school PM peak hours and short delays for the minor street approach (Thales Academy Driveway) in the PM peak hour. This intersection is expected to operate at LOS D in the projected (2032) background condition in the AM and school PM peak hours and with short delays for the Thales Academy Driveway approach in the PM peak hour.

The following improvements are recommended to be performed as part of this development:

- Construct the South Site Driveway as a directional crossover (left-in/right-in/right-out) access with one ingress lane and one egress lane
- Provide a northbound left-turn lane on N. Salem Street with 100 feet of storage and appropriate tapers
- Coordinate with the Town and NCDOT on appropriate driveway channelization for this site access, and to limit the Thales Academy Outbound Driveway to right-out only

With the provision of a concrete median constructed to channelize South Site Driveway movements, outbound left-turns from the Thales Academy driveway will be diverted through the school site to Key Ring Drive. Analyses indicate that with the recommended improvements in place, northbound Salem Street and the Thales Academy Driveway are projected to continue to operate at LOS D in the AM and school PM peak hours and with short delays for the Thales Academy Driveway approach in the PM peak hour. The South Site Driveway and northbound left-turn on Salem Street are expected to operate with short delays and the AM and school PM peak hours and moderate delays in the PM peak hour.

Table 6.5 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions. Note that the northbound left-turn delay was reported from SimTraffic as Synchro software does not report delays for the configuration required to model this overall intersection.

Table 6.5 Level-of-Service N. Salem Street at Thales Academy Inbound Driveway (Unsignalized)			
Condition	**AM Peak Hour LOS (Delay)**	**School PM Peak Hour LOS (Delay)**	**PM Peak Hour LOS (Delay)**
Existing (2025) Traffic	C (24.6)	C (23.6)	WB – C (15.5)
Projected (2032) Background Traffic	D (40.9)	D (39.0)	WB – C (18.8)
Projected (2032) Build-out Traffic	Thales - D (40.9) EB - C (16.4) NBL - A (5.2)	Thales - D (39.4) EB - C (21.7) NBL - C (16.3)	Thales WB - C (18.8) EB - D (29.8) NBL - C (22.2)

6.6 *N. Salem Street at Brittley Way*

Analyses indicate that the unsignalized intersection of N. Salem Street at Brittley Way currently operates with short delays on the minor street approach (Brittley Way) in the AM and PM peak hours. In the study year 2032, short delays are anticipated to continue in the AM peak hour and moderate delays are anticipated in the PM peak hour with or without the proposed development in place. In the studied peak hours, project site traffic is expected to account for less than 4% of overall intersection traffic and less than 5% of the northbound and southbound approaches of N. Salem Street. While some queues along N. Salem Street have been observed during the AM peak hour, site traffic is expected to have relatively minimal impacts on those volumes and queues.

While some project site traffic is expected to use Brittley Way to access the development, the provision of connectivity through the project will provide an opportunity for non-site traffic on Brittley Way to access the existing traffic signal at All Wheel Drive instead of being limited to an unsignalized approach.

Therefore, based on the relatively minimal impacts associated with the addition of project site traffic and accommodations for traffic diversions, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.6 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.6
Level-of-Service
N. Salem Street at Brittley Way (Unsignalized)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	EB – C (17.2) NBL – A (9.0)	EB – C (23.9) NBL – B (10.9)
Projected (2032) Background Traffic	EB – C (20.9) NBL – A (9.6)	EB – D (32.7) NBL – B (12.4)
Projected (2032) Build-out Traffic	EB – C (21.8) NBL – A (9.8)	EB – D (34.9) NBL – B (12.7)

6.7 *N. Salem Street at Apex Peakway*

Analyses indicate that the signalized intersection of N. Salem Street at Apex Peakway currently operates at LOS C in both the AM and PM peak hours. The intersection is expected to operate at LOS C in the AM peak hour and LOS D in the PM peak hour in the study year 2032 with or without the proposed development in place. In the studied peak hours, project site traffic is expected to account for less than 3% of overall intersection traffic and less than 6% of all intersection approaches, and the addition of site traffic results in increases in overall intersection delays of less than 3 seconds. While some long queues are anticipated in the peak hours, site traffic is expected to have relatively minimal impacts on queues and delays.

Therefore, based on the relatively minimal impacts associated with the addition of project site traffic, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.7 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.7
Level-of-Service
N. Salem Street at Apex Peakway (Signalized)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	C (27.2)	C (33.1)
Projected (2032) Background Traffic	C (30.1)	D (41.2)
Projected (2032) Build-out Traffic	C (30.6)	D (43.5)

6.8 *Apex Peakway at Brittley Way*

Analyses indicate that the unsignalized intersection of Apex Peakway at Brittley Way currently operates with short delays on the minor street approaches (Brittley Way) in the AM and PM peak hours. In the study year 2032, short delays are anticipated in the AM peak hour and short-to-moderate delays are anticipated in the PM peak hour with or without the proposed development in place. In the studied peak hours, project site traffic is expected to account for less than 3% of overall intersection traffic and less than 3% of the eastbound and westbound approaches of Apex Peakway, and the addition of site traffic results in delay increases of less than 2 seconds on the minor street approaches.

Therefore, based on the relatively minimal impacts associated with the addition of project site traffic and accommodations for traffic diversions, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.8 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.8
Level-of-Service
Apex Peakway at Brittley Way (Unsignalized)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	NB – B (13.8) SB – C (16.8) EBL – A (8.0) WBL – A (8.0)	NB – C (17.7) SB – C (19.5) EBL – A (8.6) WBL – A (8.2)
Projected (2032) Background Traffic	NB – C (15.7) SB – C (20.3) EBL – A (8.2) WBL – A (8.2)	NB – C (22.2) SB – D (25.9) EBL – A (9.0) WBL – A (8.5)
Projected (2032) Build-out Traffic	NB – C (16.2) SB – C (20.3) EBL – A (8.2) WBL – A (8.2)	NB – C (23.7) SB – D (26.5) EBL – A (9.0) WBL – A (8.5)

6.9 *Brittley Way at Frenchurch Way*

Analyses indicate that the all-way stop-controlled intersection of Brittley Way at Frenchurch Way currently operates at an overall LOS A in the AM and PM peak hours. The intersection is expected to continue to operate at an overall LOS A in the AM and PM peak hours in the study year 2032 with or without the proposed development in place.

No queuing or delay issues are anticipated at this intersection. Therefore, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.9 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.9
Level-of-Service
Brittley Way at Frenchurch Way (Unsignalized, All-Way Stop)

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic	Overall – A (7.3)	Overall – A (7.4)
Projected (2032) Background Traffic	Overall – A (7.3)	Overall – A (7.4)
Projected (2032) Build-out Traffic	Overall – A (7.4)	Overall – A (7.5)

6.10 *All Wheel Drive at Crossroads Ford Driveway/Site Driveway*

Analyses indicate that the unsignalized intersection of All Wheel Drive at the Crossroads Ford Central Driveway currently operates with short delays on the minor street approach (Crossroads Ford Driveway) in the AM and PM peak hours. Short delays on the minor-street approach are expected to continue in the projected (2032) background traffic condition.

A full-movement site driveway with one ingress lane and one egress lane is proposed to be added as the southern leg at this intersection as part of this development. Analyses indicate that at project build-out, this intersection is expected to continue to operate with short delays on the minor street approaches in both the AM and PM peak hours.

No queuing or delay issues are anticipated at this intersection. Therefore, no improvements are recommended to be performed at this intersection as part of this development.

Table 6.10 summarizes the operation of the intersection for the existing (2025) and projected (2032) background and build-out traffic conditions.

Table 6.10
Level-of-Service
All Wheel Drive at Crossroads Ford Driveway/Site Driveway

Condition	AM Peak Hour LOS (Delay)	PM Peak Hour LOS (Delay)
Existing (2025) Traffic – Unsignalized	SB – A (8.8) EBL – A (7.3)	SB – A (8.7) EBL – A (7.6)
Projected (2032) Background Traffic	SB – A (8.8) EBL – A (7.3)	SB – A (8.7) EBL – A (7.6)
Projected (2032) Build-out Traffic	NB – A (9.0) SB – A (9.5) EBL – A (7.3) WBL – A (7.3)	NB – A (8.9) SB – A (9.4) EBL – A (7.6) WBL – A (7.3)

6.11 *N. Salem Street at North Site Driveway (Inbound Only)*

An inbound-only site driveway is proposed to be constructed on N. Salem Street approximately 330 feet south of All Wheel Drive. As there are no stop-controlled movements at the intersection there are no delays to report, and no improvements are recommended to be performed as part of this development.

7.0 Recommendations and Conclusions

Recommended Improvements

Other than the construction of site driveways (each with one ingress lane and one egress lane), the following improvements are recommended as part of the N. Salem Street Mixed-Use development:

N. Salem Street at All Wheel Drive/Key Ring Drive:

- If approved by the Town and NCDOT, modify signal phasing in the PM peak hour to eliminate the protected phases for the eastbound and westbound left-turn movements

N. Salem Street at Thales Academy Outbound Driveway/South Site Driveway:

- Construct the South Site Driveway as a directional crossover (left-in/right-in/right-out) access with one ingress lane and one egress lane
- Provide a northbound left-turn lane on N. Salem Street with 100 feet of storage and appropriate tapers
- Coordinate with the Town and NCDOT on appropriate driveway channelization for this site access and to limit the Thales Academy Outbound Driveway to right-out only

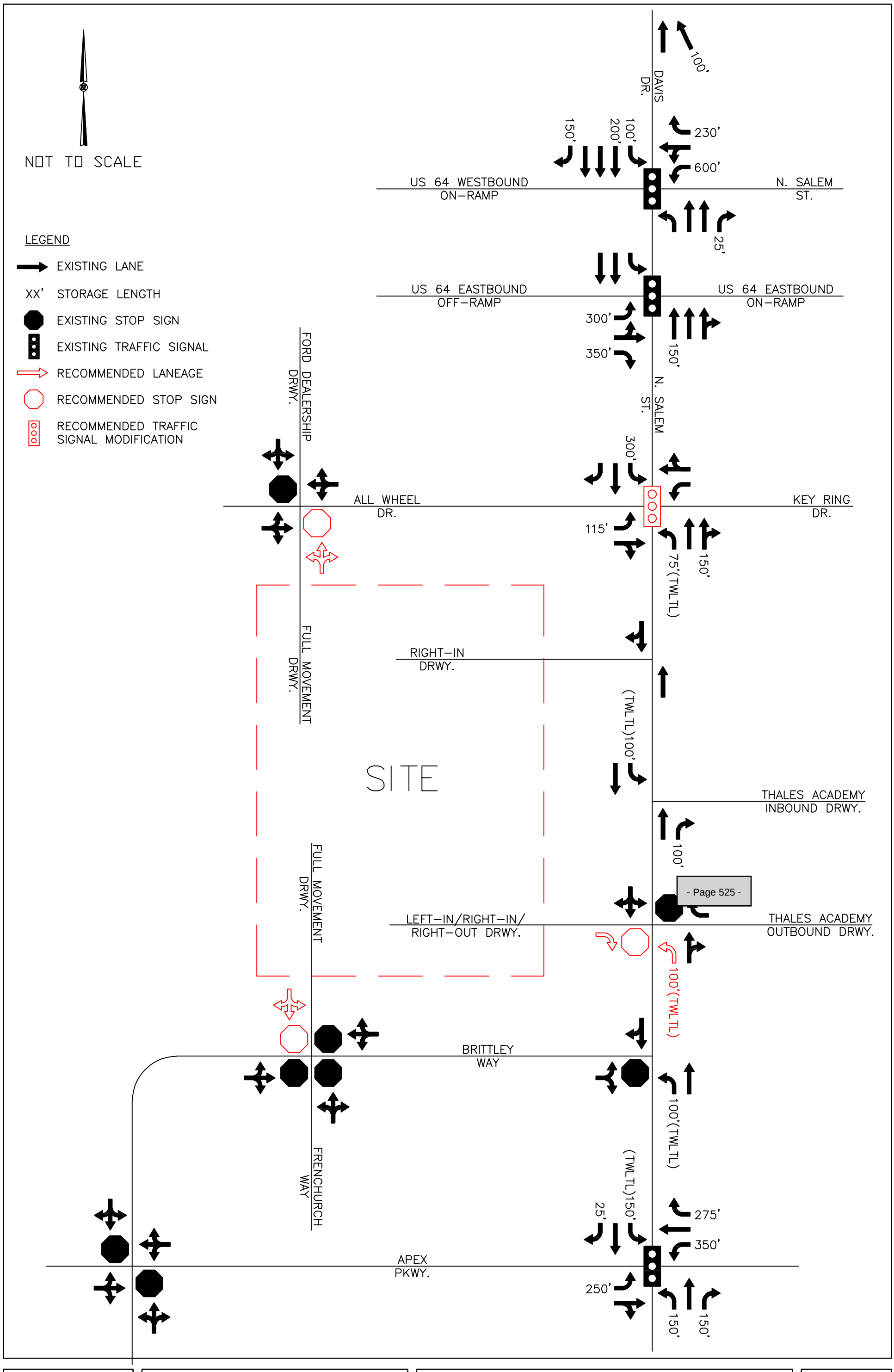
Figure 7.1 shows the recommended roadway laneage at project build-out.

Conclusions

Analyses indicate that with the recommended improvements in place, all of the signalized study intersections are expected to operate at overall acceptable LOS at project build-out.

At the unsignalized intersection of N. Salem Street at Brittley Way, moderate delays are anticipated on the minor street approach (Brittley Way) in the PM peak hour in the study year 2032 with or without the proposed development in place. However, it is typical for stop sign controlled side streets and driveways intersecting major streets to experience long delays during peak hours, while the majority of the traffic moving through the intersection on the major street experiences little or no delay. As this development is expected to have minimal impacts on this intersection, and since the on-site street network will provide connectivity to the traffic signal at All Wheel Drive, which is expected to result in a diversion of some existing traffic off of Brittley Way, no improvements are recommended to be performed at this intersection.

Long queues observed in the existing traffic condition at several study intersections (including the Thales Academy driveways and the US 64 ramps) are expected to continue in the future traffic conditions. However, site traffic impacts on intersection volumes and delays are relatively minimal at most intersections, and the proposed access configuration results in little additional traffic added to N. Salem Street through the Thales Academy driveways in the AM and school PM peak hours. Therefore, no additional improvements are recommended to be performed as part of this development.



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N. SALEM STREET MIXED-USE
APEX, NC
TRAFFIC IMPACT ANALYSIS

RECOMMENDED ROADWAY LANEAGE

FIGURE
7.1

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY KIMLEY-HORN AND ASSOCIATES, INC. SHALL BE WITHOUT LIABILITY TO KIMLEY-HORN AND ASSOCIATES, INC.

Appendix

Appendix A:

TIA Assumptions Memorandum

Preliminary TIA Assumptions
Good Acres at N. Salem Street – Apex, North Carolina

Kimley-Horn will perform a traffic impact analysis for the Good Acres development, which is proposed to be located west of N. Salem Street between All Wheel Drive and Brittley Way in Apex, NC. The project is proposed to consist of approximately 185 single-family attached dwelling units, 270 mid-rise multifamily dwelling units, and 25,000 square-feet (SF) of commercial space. Site access is proposed via one full-movement driveway on All Wheel Drive, a connection to Brittley Way via a stub street aligned with Frenchurch Way, a directional crossover (left-in/right-in/right-out) driveway aligning with the Thales Academy Outbound Driveway, and a right-in only driveway north of the Thales Academy Inbound Driveway. Project build-out is anticipated in 2032. The following assumptions will be used in the analysis based on TIA scoping discussions with representatives from the Town of Apex and North Carolina Department of Transportation (NCDOT) on October 10, 2025:

Study Traffic Conditions

Weekday AM (7-9am), school PM (2-4pm), and PM (4-6pm) peak hour analyses will be performed for the following traffic conditions:

- Existing Year (2025)
- Future Year (2032) Background
- Future Year (2032) Build-out

Per discussions with the Town and NCDOT, school PM peak hour analyses will only be performed for the intersections of N. Salem Street at All Wheel Drive/Key Ring Drive, Thales Academy Inbound Driveway, and Thales Academy Outbound Driveway/Directional Crossover Site Access.

Study Intersections

The following study intersections will be included in this analysis:

- N. Salem Street/Davis Drive at US 64 Westbound On-Ramp/N. Salem Street
- N. Salem Street at US 64 Eastbound Ramps
- N. Salem Street at All Wheel Drive/Key Ring Drive
- N. Salem Street at Thales Academy Inbound Driveway
- N. Salem Street at Thales Academy Outbound Driveway/South Site Drive (directional crossover)
- N. Salem Street at Brittley Way
- N. Salem Street at Apex Peakway
- Apex Peakway at Brittley Way
- Brittley Way at Frenchurch Way/Site Drive (full-movement)
- All Wheel Drive at Crossroads Ford Driveway/Site Drive (full-movement)
- N. Salem Street at North Site Drive (right-in only)

Existing Volume Development

Weekday AM, school PM peak hour (as applicable), and PM peak hour turning movements will be collected while Wake County Public Schools are in session for use in this analysis. No adjustments to existing traffic volumes are proposed.

Background Traffic Growth

Based on discussions with the Town and NCDOT, a 3% annual growth rate will be applied to existing traffic count volumes up to the future study year. However, no growth will be applied to volumes onto/off All Wheel Drive, Key Ring Drive, the Thales Academy Driveways, Brittley Way, Frenchurch Way, or the Crossroads Ford Driveway as development is generally built-out on those roadways.

Approved Developments

No area approved developments were identified for inclusion in this analysis as background traffic.

Trip Generation

Trip generation calculations will be performed based on data from the 11th Edition of the ITE *Trip Generation Manual*. For the school PM peak hour, site traffic will be calculated using hourly distribution data for the 2-4pm time period in hourly distribution data provided by ITE. Further, only a 20% pass-by capture rate (instead of 40%) will be used in the school PM and PM peak hours to be conservative.

Trip Distribution

The following overall directional distribution will be used for residential project site trips:

- 30% to/from east on I-64 Eastbound On-Ramp/N. Salem Street
- 20% to/from west on I-64 Westbound On-Ramp/Eastbound Off-Ramp
- 15% to/from north on N. Salem Street
- 15% to/from south on N. Salem Street
- 10% to/from east on Apex Parkway
- 10% to/from west on Apex Parkway

The following overall directional distribution will be used for commercial project site trips:

- 10% to/from east on I-64 Eastbound On-Ramp/N. Salem Street
- 10% to/from west on I-64 Westbound On-Ramp/Eastbound Off-Ramp
- 25% to/from north on N. Salem Street
- 15% to/from south on N. Salem Street
- 15% to/from east on Apex Parkway
- 10% to/from west on Apex Parkway
- 15% to/from surrounding neighborhoods via Brittley Way (not assigned beyond the Brittley Way – Frenchurch Way/Site Driveway intersection)

Traffic Diversion

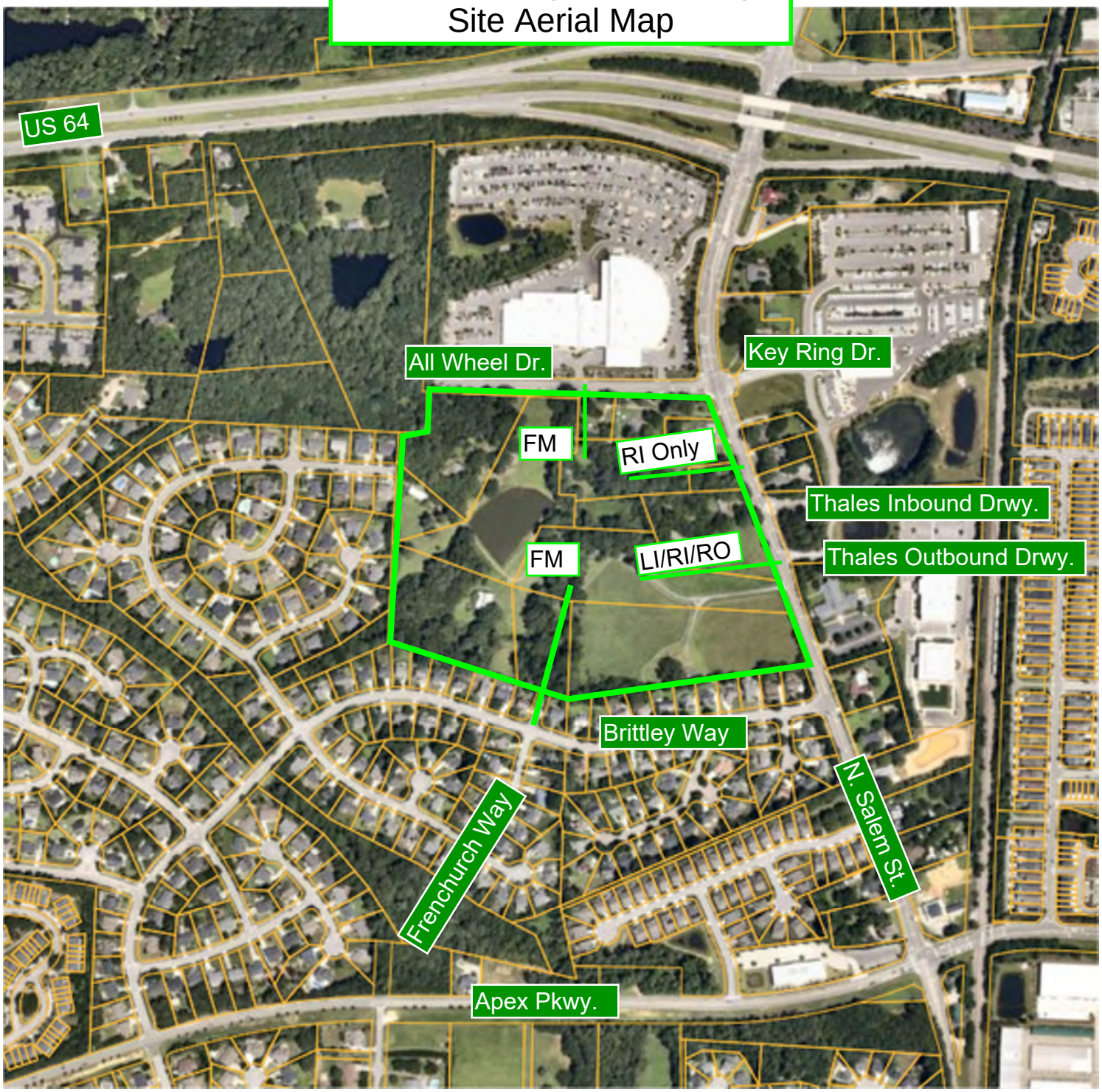
Once turning movement count data is reviewed, it is anticipated that traffic diversions will be applied to projected background traffic volumes to account for:

- Restriction of Thales Academy Outbound Driveway to right-out only via channelization
  - Existing exiting left-turn traffic would be diverted to Key Ring Drive
- Brittley Way left-turn traffic rerouting to All Wheel Drive
  - With connectivity, it is anticipated that some left-turn traffic will divert to the signal

Other Study Assumptions

- Existing peak hour factors (PHF) will be analyzed by-movement at Thales Academy driveways and the Key Ring Drive/All Wheel Drive intersection in the existing and background conditions for the AM and school PM peak, while a weighted PHF (using a PHF of 0.90) will be calculated for the build-out condition. A PHF of 0.90 will be used for turning movements at new intersections in the build-out condition.
- Where U-turn volumes are less than 10 vehicles, those trips will be analyzed as left-turns.
- A minimum volume of 4 vehicles will be analyzed on study intersection movements even when existing or projected volumes are lower.
- Right-turns on red (RTOR) and permitted + protected left-turn phasing will be permitted in the analysis where currently permitted in the field.
- Signal timings will be obtained from the Town of Apex or NCDOT.

Good Acres (N. Salem St.)
Site Aerial Map



Good Acres (N. Salem St.)

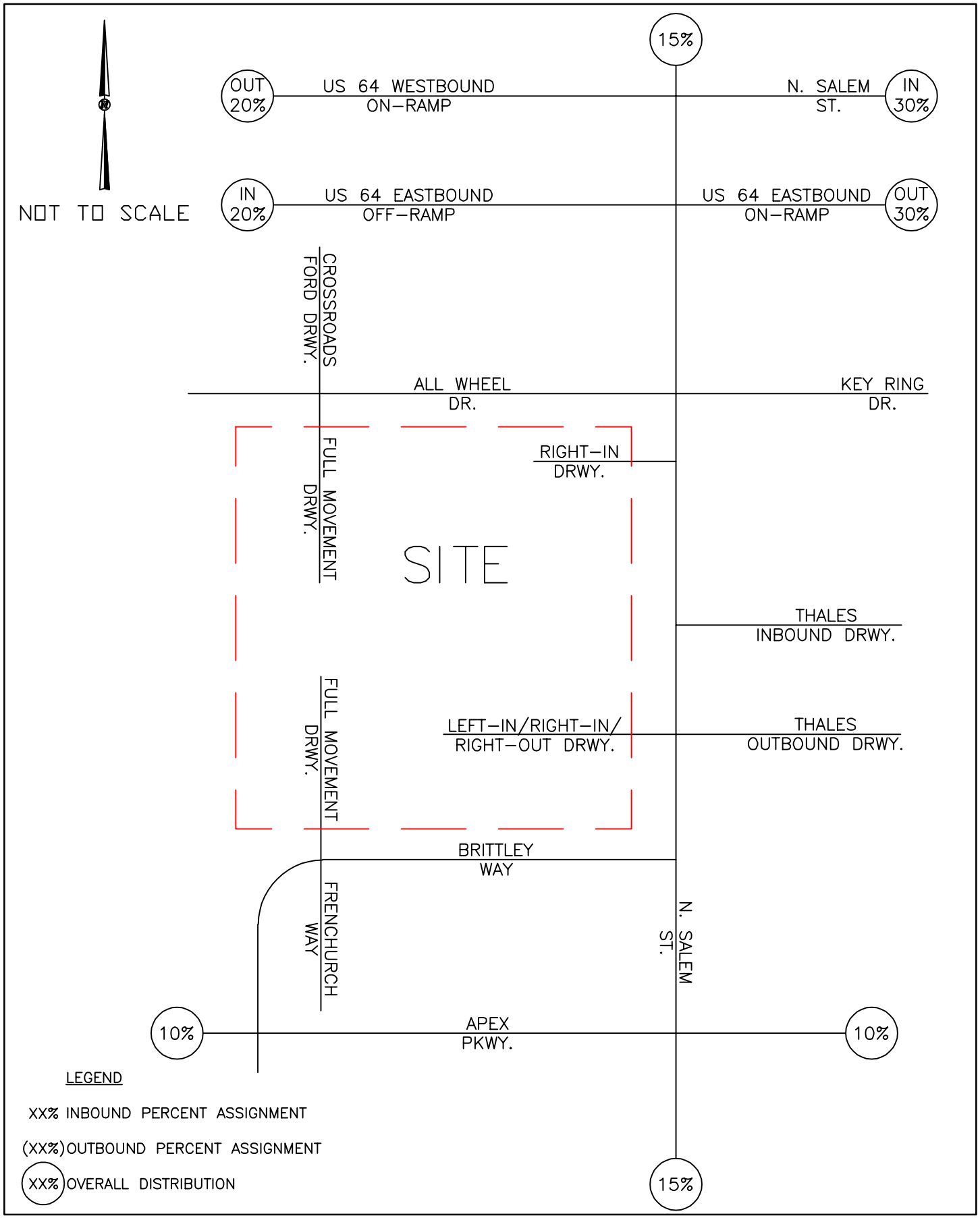
Table 1 - Trip Generation (11th Edition)

Land Use	Intensity		Daily			AM Peak Hour			School PM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out	Total	In	Out	Total	In	Out
215 Single Family Attached Housing	180	d.u.	1,322	661	661	88	22	66	81	45	36	104	61	43
221 Multifamily Housing (Mid-Rise)	265	d.u.	1,218	609	609	105	24	81	53	30	23	104	63	41
822 Strip Retail Plaza (<40K)	25,000	s.f.	1,286	643	643	53	32	21	87	44	43	149	75	74
Subtotal			**3,826**	**1,913**	**1,913**	**246**	**78**	**168**	**221**	**119**	**102**	**357**	**199**	**158**
Internal Capture														
215 Single Family Attached Housing			112	67	45	1	0	1	10	7	3	12	9	3
221 Multifamily Housing (Mid-Rise)			104	62	42	2	1	1	7	5	2	13	10	3
822 Strip Retail Plaza (<40K)			216	87	129	3	2	1	15	4	11	25	6	19
Internal Capture Total	2.44%	14.01%	*432*	*216*	*216*	*6*	*3*	*3*	*32*	*16*	*16*	*50*	*25*	*25*
Total External Trips			**3,394**	**1,697**	**1,697**	**240**	**75**	**165**	**189**	**103**	**86**	**307**	**174**	**133**
Pass-By Capture	AM	PM												
822 Strip Retail Plaza (<40K)	0%	20%	107	54	53	0	0	0	14	8	6	25	14	11
Total Net New External Trips			**3,287**	**1,643**	**1,644**	**240**	**75**	**165**	**175**	**95**	**80**	**282**	**160**	**122**

School PM peak hour trip generation based on average of ITE hourly distribution data for the 2-4pm timeframe and applied to daily trip generation

Only a 20% pass-by capture rate (instead of 40%) will be used in the school PM and PM peak hours to be conservative.

K:\HSP_LDEV\014490003_Good Acres N Salem Street\T4 - Analysis\[GoodAcresSalemStreetApex-TIAData.xlsx]Trip Gen 10/15/25



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GOOD ACRES
APEX, NC
TRAFFIC IMPACT ANALY

RESIDENTIAL SITE DISTRIBUTION AND PERCENT ASSIGNMENT

FIGURE 1

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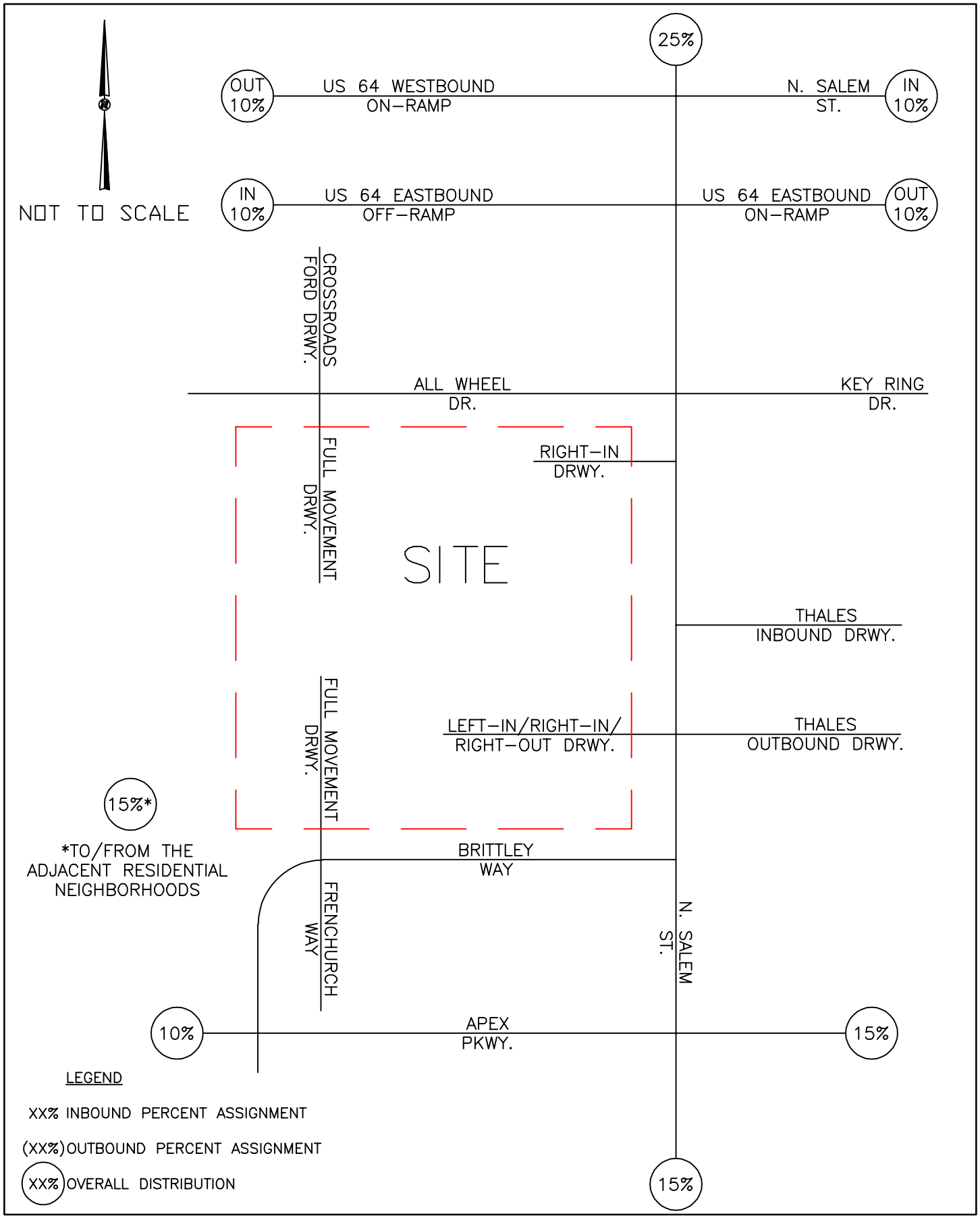

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GOOD ACRES
APEX, NC
TRAFFIC IMPACT ANALY

COMMERCIAL SITE DISTRIBUTION AND PERCENT ASSIGNMENT

FIGURE 2

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Appendix B:

Traffic Count Data

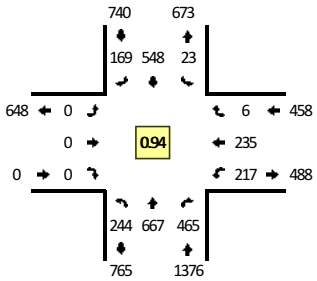
Type of peak hour being reported: Intersection Peak

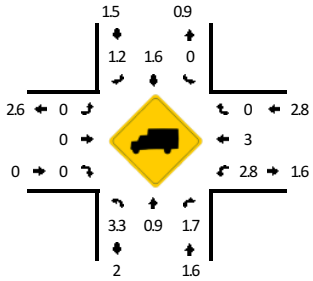
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St/Davis Dr -- N Salem St/US 64 WB On-Ramp
CITY/STATE: Wake, NC

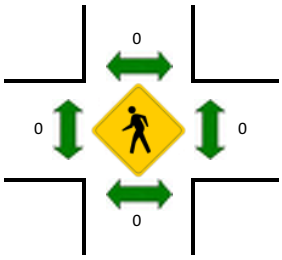
QC JOB #: 17294601
DATE: Tue, Oct 21 2025

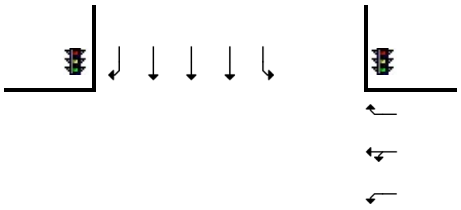
Peak-Hour: 7:15 AM -- 8:15 AM
Peak 15-Min: 7:30 AM -- 7:45 AM

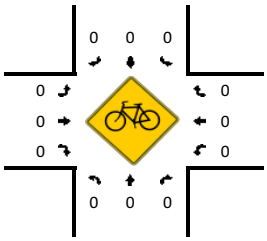


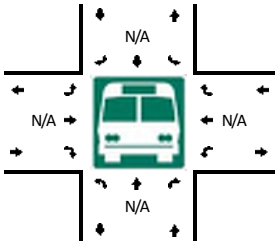


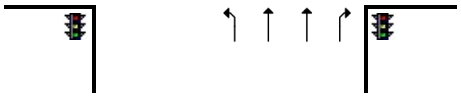
TRUE DATA TO IMPROVE MOBILITY

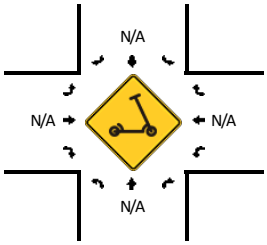












15-Min Count Period Beginning At	N Salem St/Davis Dr (Northbound)				N Salem St/Davis Dr (Southbound)				N Salem St/US 64 WB On-Ramp (Eastbound)				N Salem St/US 64 WB On-Ramp (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	37	132	80	0	1	167	19	0	0	0	0	0	37	21	3	0	497	
7:15 AM	68	113	85	0	3	189	35	0	0	0	0	0	78	49	4	0	624	
7:30 AM	78	188	120	0	7	152	40	0	0	0	0	0	51	48	1	0	685	
7:45 AM	62	187	139	0	8	106	42	0	0	0	0	0	47	75	0	0	666	2472
8:00 AM	36	179	121	0	5	101	52	0	0	0	0	0	41	63	1	0	599	2574
8:15 AM	42	173	134	0	4	117	37	0	0	0	0	0	37	49	3	0	596	2546
8:30 AM	35	193	124	0	7	111	34	0	0	0	0	0	42	55	2	0	603	2464
8:45 AM	32	201	148	0	4	158	24	0	0	0	0	0	33	41	5	0	646	2444

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	312	752	480	0	28	608	160	0	0	0	0	0	204	192	4	0	2740
Heavy Trucks	12	4	8		0	16	0		0	0	0		4	8	0		52
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

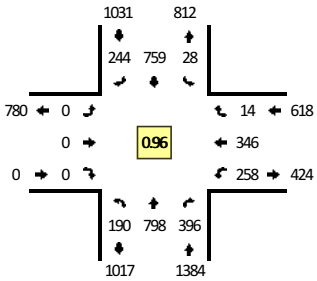
Type of peak hour being reported: Intersection Peak

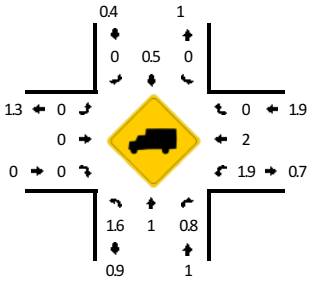
Method for determining peak hour: Total Entering Volume

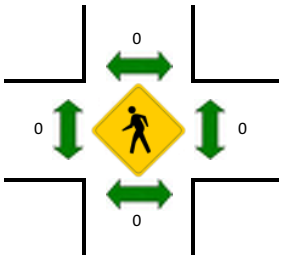
LOCATION: N Salem St/Davis Dr -- N Salem St/US 64 WB On-Ramp
CITY/STATE: Wake, NC

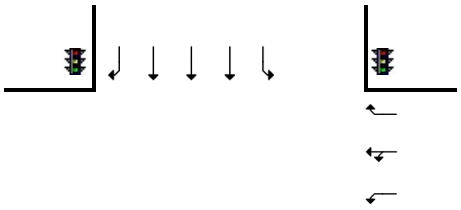
QC JOB #: 17294602
DATE: Tue, Oct 21 2025

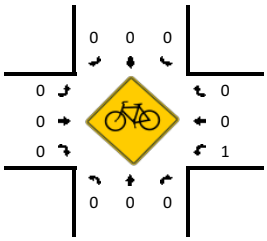
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

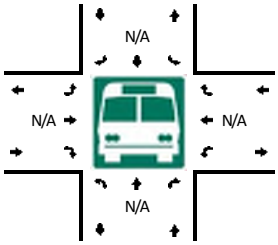


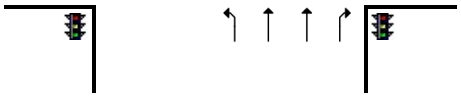


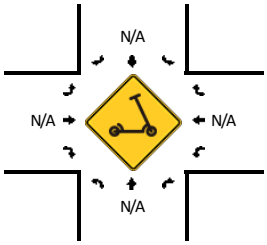












15-Min Count Period Beginning At	N Salem St/Davis Dr (Northbound)				N Salem St/Davis Dr (Southbound)				N Salem St/US 64 WB On-Ramp (Eastbound)				N Salem St/US 64 WB On-Ramp (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	43	136	86	0	3	168	68	0	0	0	0	0	67	74	3	0	648	
4:15 PM	50	137	97	0	3	156	61	0	0	0	0	0	90	87	3	0	684	
4:30 PM	64	177	95	0	2	182	72	0	0	0	0	0	57	78	3	0	730	
4:45 PM	38	140	108	0	5	183	71	0	0	0	0	0	61	94	4	0	704	2766
5:00 PM	35	210	102	0	7	186	62	0	0	0	0	0	61	89	6	0	758	2876
5:15 PM	55	216	114	0	7	184	62	0	0	0	0	0	62	85	4	0	789	2981
5:30 PM	60	186	102	0	10	190	56	0	0	0	0	0	71	89	1	0	765	3016
5:45 PM	40	186	78	0	4	199	64	0	0	0	0	0	64	83	3	0	721	3033

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	220	864	456	0	28	736	248	0	0	0	0	0	248	340	16	0	3156
Heavy Trucks	0	8	4		0	4	0		0	0	0		4	12	0		32
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

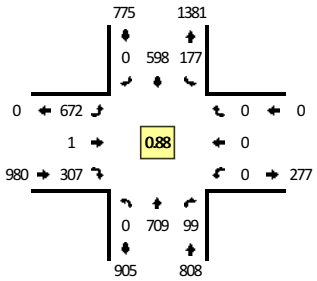
Type of peak hour being reported: Intersection Peak

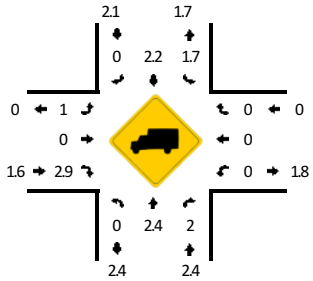
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- US 64 EB Ramps
CITY/STATE: Wake, NC

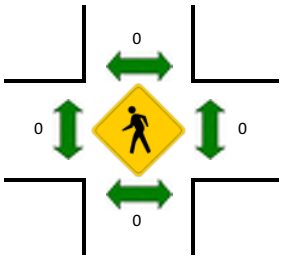
QC JOB #: 17294603
DATE: Tue, Oct 21 2025

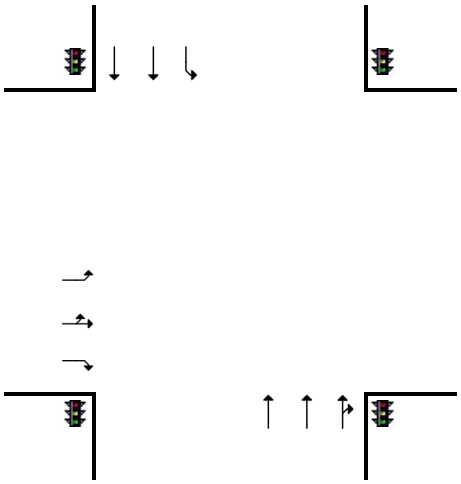
Peak-Hour: 7:15 AM -- 8:15 AM
Peak 15-Min: 7:30 AM -- 7:45 AM

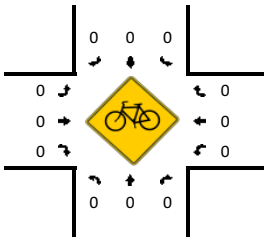


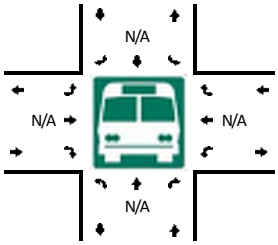


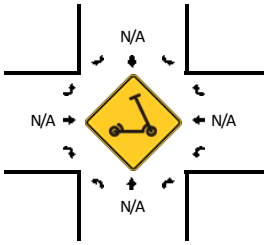
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				US 64 EB Ramps (Eastbound)				US 64 EB Ramps (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	165	23	0	50	143	0	0	79	1	89	0	0	0	0	0	550	
7:15 AM	0	168	44	0	64	214	0	0	103	0	91	0	0	0	0	0	684	
7:30 AM	0	218	42	0	56	140	0	0	178	0	96	0	0	0	0	0	730	
7:45 AM	0	179	9	0	29	127	0	0	193	1	58	0	0	0	0	0	596	2560
8:00 AM	0	144	4	0	28	117	0	0	198	0	62	0	0	0	0	0	553	2563
8:15 AM	0	188	13	0	34	117	0	0	156	0	61	0	0	0	0	0	569	2448
8:30 AM	0	171	4	0	39	118	0	0	184	0	55	0	0	0	0	0	571	2289
8:45 AM	0	194	9	0	45	139	0	0	182	0	60	0	0	0	0	0	629	2322

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	872	168	0	224	560	0	0	712	0	384	0	0	0	0	0	2920
Heavy Trucks	0	20	0		4	12	0		0	0	8		0	0	0		44
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

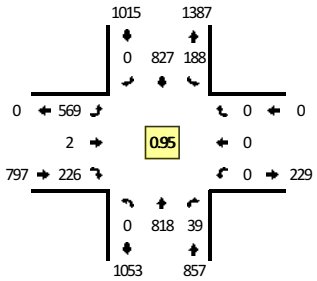
Type of peak hour being reported: Intersection Peak

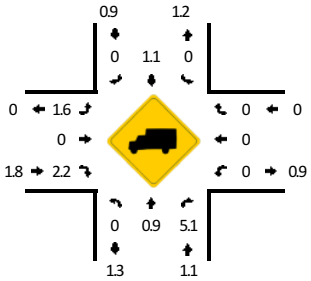
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- US 64 EB Ramps
CITY/STATE: Wake, NC

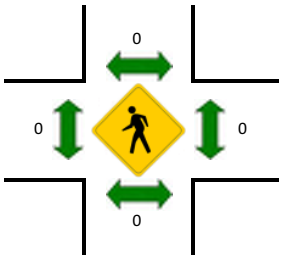
QC JOB #: 17294604
DATE: Tue, Oct 21 2025

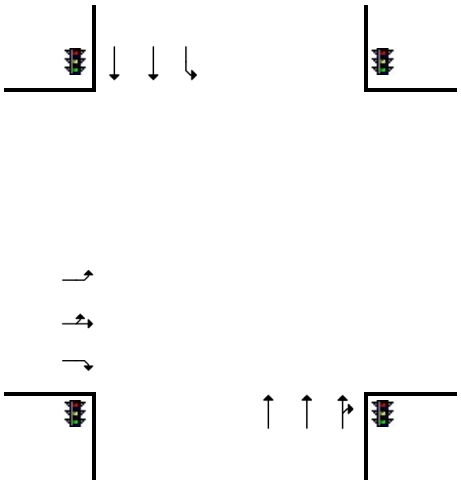
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

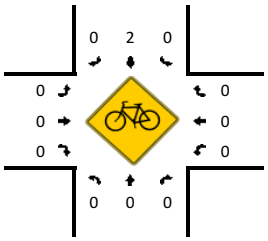


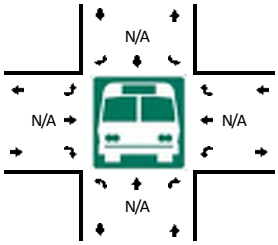


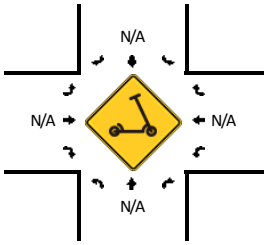
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				US 64 EB Ramps (Eastbound)				US 64 EB Ramps (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	164	20	0	51	178	0	0	102	0	44	0	0	0	0	0	559	
4:15 PM	0	171	14	0	47	202	0	0	108	0	58	0	0	0	0	0	600	
4:30 PM	0	212	14	0	35	198	0	0	121	1	50	0	0	0	0	0	631	
4:45 PM	0	172	19	0	64	183	0	0	112	0	48	0	0	0	0	0	598	2388
5:00 PM	0	203	13	0	49	202	0	0	151	0	48	0	0	0	0	0	666	2495
5:15 PM	0	223	12	0	36	210	0	0	158	2	60	0	0	0	0	0	701	2596
5:30 PM	0	210	11	0	46	213	0	0	138	0	47	0	0	0	0	0	665	2630
5:45 PM	0	182	3	0	57	202	0	0	122	0	71	0	0	0	0	0	637	2669

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	892	48	0	144	840	0	0	632	8	240	0	0	0	0	0	2804
Heavy Trucks	0	8	4		0	8	0		4	0	12		0	0	0		36
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

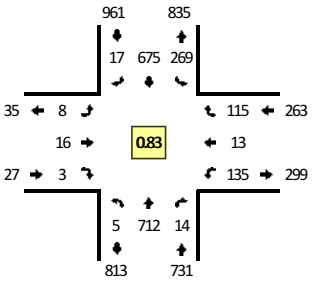
Type of peak hour being reported: Intersection Peak

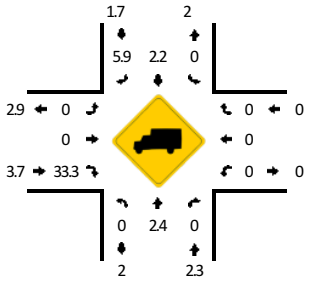
Method for determining peak hour: Total Entering Volume

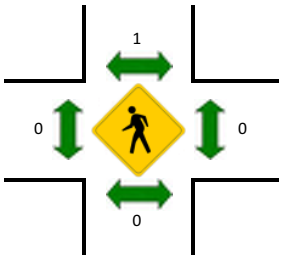
LOCATION: N Salem St -- All Wheel Dr/Key Ring Dr
CITY/STATE: Apex, NC

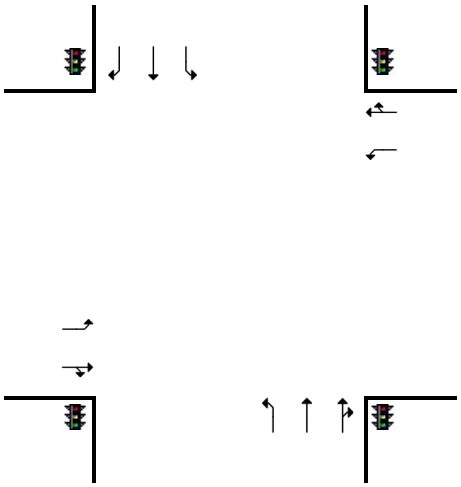
QC JOB #: 17294615
DATE: Tue, Oct 21 2025

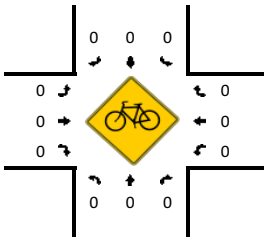
Peak-Hour: 7:00 AM -- 8:00 AM
Peak 15-Min: 7:15 AM -- 7:30 AM

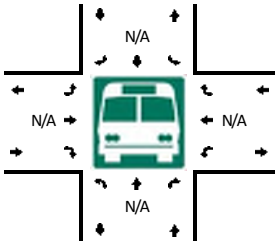


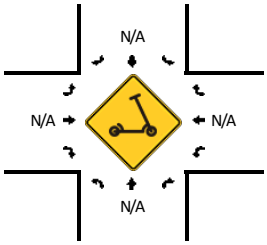












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				All Wheel Dr/Key Ring Dr (Eastbound)				All Wheel Dr/Key Ring Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	1	157	2	0	63	151	1	0	0	4	0	0	25	4	17	0	425	
7:15 AM	0	193	10	0	101	180	3	0	1	3	0	0	67	3	37	0	598	
7:30 AM	2	210	1	0	94	160	10	0	3	4	1	0	43	3	53	0	584	
7:45 AM	2	152	1	0	11	184	3	0	4	5	2	0	0	3	8	0	375	1982
8:00 AM	0	162	3	0	10	164	8	0	1	5	3	0	0	1	4	0	361	1918
8:15 AM	2	185	1	0	7	163	2	0	2	4	2	0	0	1	1	0	370	1690
8:30 AM	2	186	2	0	10	157	7	0	3	4	3	0	0	4	1	0	379	1485
8:45 AM	0	179	4	0	6	172	10	0	7	6	2	0	2	0	4	0	392	1502

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	772	40	0	404	720	12	0	4	12	0	0	268	12	148	0	2392
Heavy Trucks	0	8	0		0	8	0		0	0	0		0	0	0		16
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

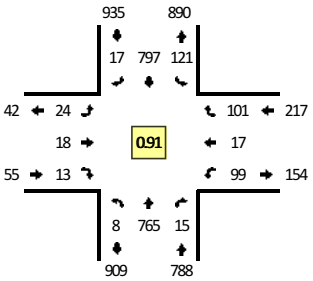
Type of peak hour being reported: Intersection Peak

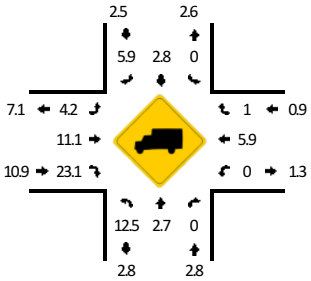
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- All Wheel Dr/Key Ring Dr
CITY/STATE: Apex, NC

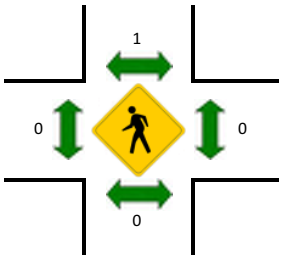
QC JOB #: 17294616
DATE: Tue, Oct 21 2025

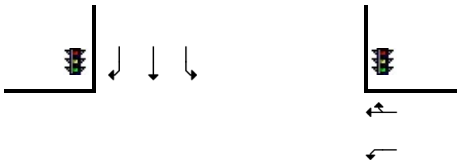
Peak-Hour: 2:45 PM -- 3:45 PM
Peak 15-Min: 3:15 PM -- 3:30 PM

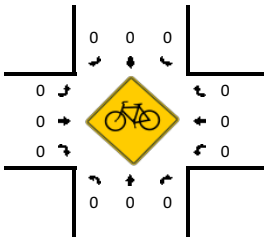


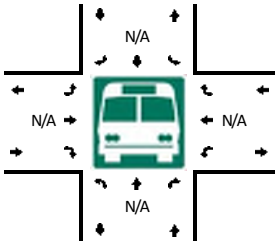


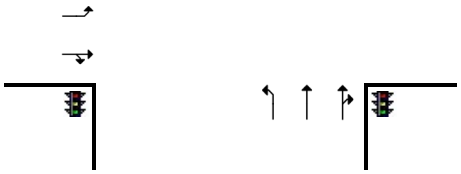
TRUE DATA TO IMPROVE MOBILITY

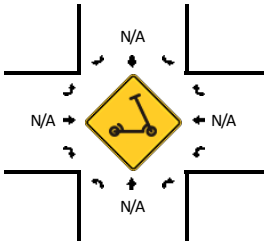












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				All Wheel Dr/Key Ring Dr (Eastbound)				All Wheel Dr/Key Ring Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
2:00 PM	3	123	2	0	6	136	6	0	5	8	2	0	1	4	7	0	303	
2:15 PM	2	134	1	0	9	171	7	0	6	3	2	0	1	8	7	0	351	
2:30 PM	5	158	2	0	18	187	4	0	4	3	10	0	11	4	12	0	418	
2:45 PM	2	188	1	0	43	215	3	0	7	3	5	0	16	2	15	0	500	1572
3:00 PM	0	162	9	0	46	178	3	0	2	7	1	0	14	6	23	0	451	1720
3:15 PM	6	208	5	0	25	201	5	0	8	5	4	0	38	2	40	0	547	1916
3:30 PM	0	207	0	0	7	203	6	0	7	3	3	0	31	7	23	0	497	1995
3:45 PM	1	172	0	0	5	235	5	0	4	2	2	0	9	5	8	0	448	1943

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	24	832	20	0	100	804	20	0	32	20	16	0	152	8	160	0	2188
Heavy Trucks	4	8	0		0	16	0		0	4	4		0	0	0		36
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

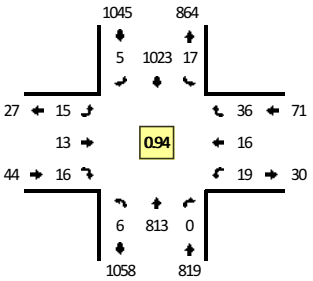
Type of peak hour being reported: Intersection Peak

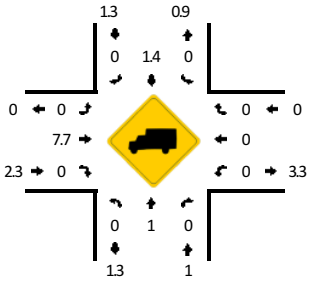
Method for determining peak hour: Total Entering Volume

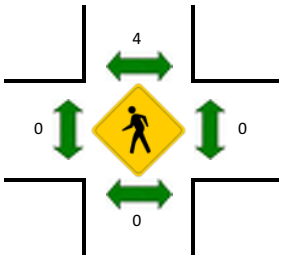
LOCATION: N Salem St -- All Wheel Dr/Key Ring Dr
CITY/STATE: Apex, NC

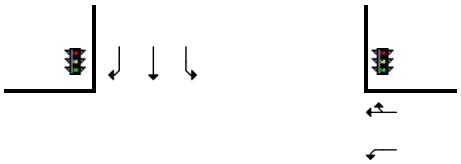
QC JOB #: 17294617
DATE: Tue, Oct 21 2025

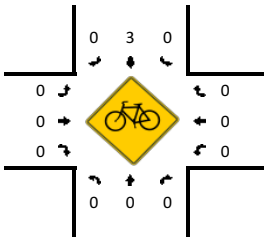
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

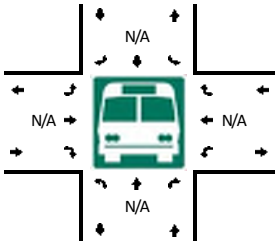


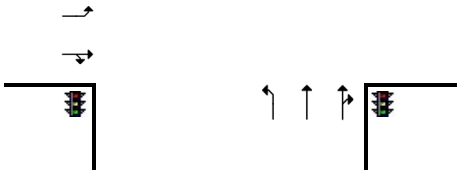


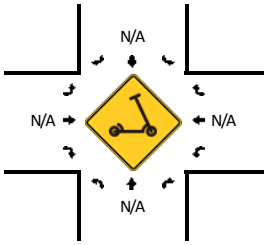












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				All Wheel Dr/Key Ring Dr (Eastbound)				All Wheel Dr/Key Ring Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	1	166	0	0	7	209	1	0	5	6	3	0	5	3	5	0	411	
4:15 PM	0	188	1	0	16	229	3	0	4	3	1	0	4	4	10	0	463	
4:30 PM	0	196	1	0	7	238	2	0	4	6	2	0	24	8	17	0	505	
4:45 PM	3	171	0	0	2	223	1	0	4	5	0	0	1	5	14	0	429	1808
5:00 PM	3	203	0	0	5	241	1	0	4	5	5	0	6	3	13	0	489	1886
5:15 PM	2	230	0	0	3	261	1	0	5	5	3	0	6	5	7	0	528	1951
5:30 PM	0	214	0	0	5	262	3	0	5	3	6	0	6	7	9	0	520	1966
5:45 PM	1	166	0	0	4	259	0	0	1	0	2	0	1	1	7	0	442	1979

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	8	920	0	0	12	1044	4	0	20	20	12	0	24	20	28	0	2112
Heavy Trucks	0	12	0		0	20	0		0	4	0		0	0	0		36
Buses																	
Pedestrians		0				4				0				0			4
Bicycles	0	0	0		0	4	0		0	0	0		0	0	0		4
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

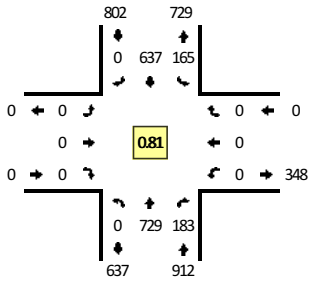
Type of peak hour being reported: Intersection Peak

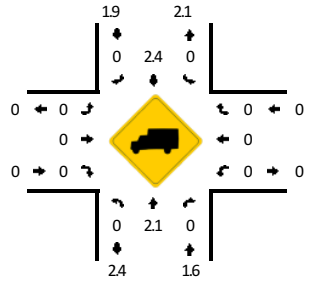
Method for determining peak hour: Total Entering Volume

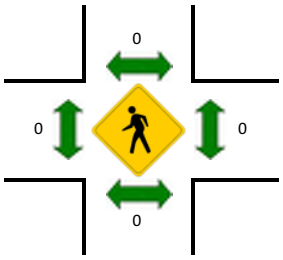
LOCATION: N Salem St -- Thales Academy Inbound Dwy
CITY/STATE: Apex, NC

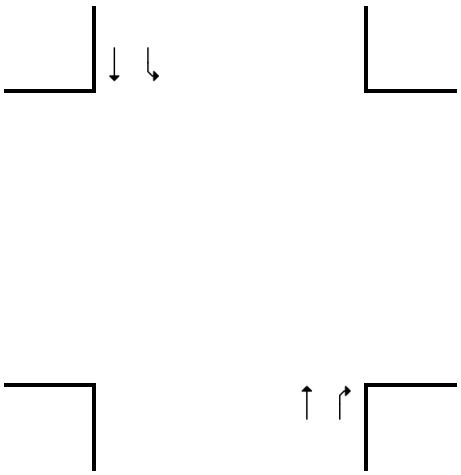
QC JOB #: 17294618
DATE: Tue, Oct 21 2025

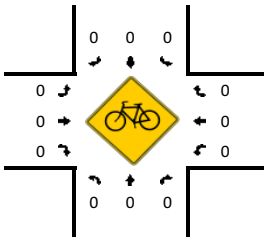
Peak-Hour: 7:00 AM -- 8:00 AM
Peak 15-Min: 7:15 AM -- 7:30 AM

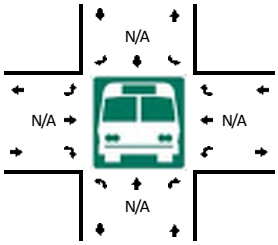


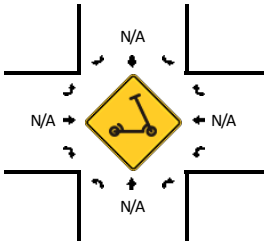












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Inbound Dwy (Eastbound)				Thales Academy Inbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	167	54	0	42	128	0	0	0	0	0	0	0	0	0	0	391	
7:15 AM	0	194	90	0	73	172	0	0	0	0	0	0	0	0	0	0	529	
7:30 AM	0	218	38	0	47	164	0	0	0	0	0	0	0	0	0	0	467	
7:45 AM	0	150	1	0	3	173	0	0	0	0	0	0	0	0	0	0	327	1714
8:00 AM	0	167	0	0	0	157	0	0	0	0	0	0	0	0	0	0	324	1647
8:15 AM	0	190	0	0	2	163	0	0	0	0	0	0	0	0	0	0	355	1473
8:30 AM	0	191	0	0	1	159	0	0	0	0	0	0	0	0	0	0	351	1357
8:45 AM	0	181	2	0	1	176	0	0	0	0	0	0	0	0	0	0	360	1390

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	776	360	0	292	688	0	0	0	0	0	0	0	0	0	0	2116
Heavy Trucks	0	8	0		0	16	0		0	0	0		0	0	0		24
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

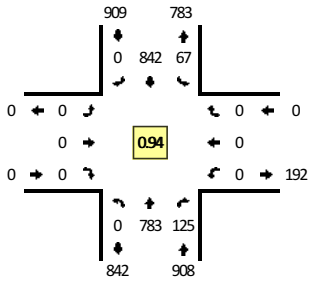
Type of peak hour being reported: Intersection Peak

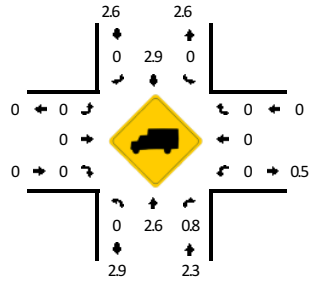
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- Thales Academy Inbound Dwy
CITY/STATE: Apex, NC

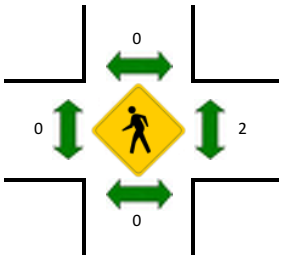
QC JOB #: 17294619
DATE: Tue, Oct 21 2025

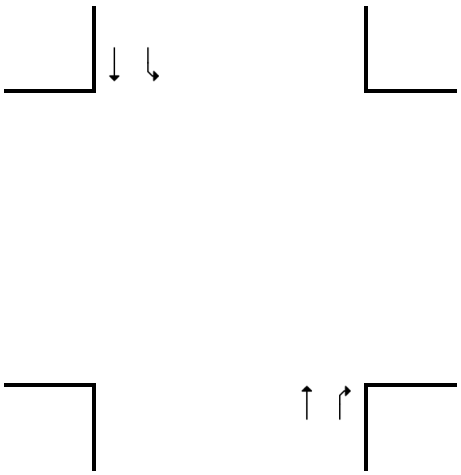
Peak-Hour: 2:45 PM -- 3:45 PM
Peak 15-Min: 3:15 PM -- 3:30 PM

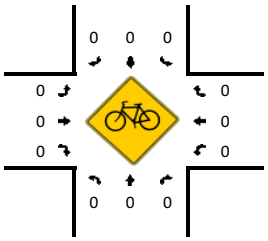


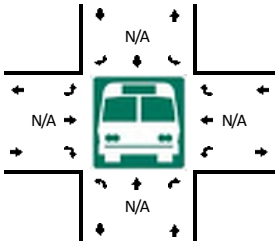


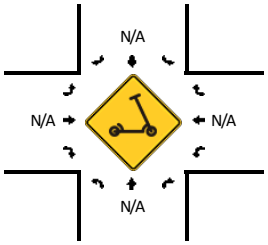
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Inbound Dwy (Eastbound)				Thales Academy Inbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
2:00 PM	0	126	2	0	1	135	0	0	0	0	0	0	0	0	0	0	264	
2:15 PM	0	140	7	0	5	163	0	0	0	0	0	0	0	0	0	0	315	
2:30 PM	0	170	15	0	10	206	0	0	0	0	0	0	0	0	0	0	401	
2:45 PM	0	187	62	0	27	207	0	0	0	0	0	0	0	0	0	0	483	1463
3:00 PM	0	175	31	0	15	178	0	0	0	0	0	0	0	0	0	0	399	1598
3:15 PM	0	217	25	0	14	229	0	0	0	0	0	0	0	0	0	0	485	1768
3:30 PM	0	204	7	0	11	228	0	0	0	0	0	0	0	0	0	0	450	1817
3:45 PM	0	173	2	0	0	244	0	0	0	0	0	0	0	0	0	0	419	1753

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	868	100	0	56	916	0	0	0	0	0	0	0	0	0	0	1940
Heavy Trucks	0	12	0		0	16	0		0	0	0		0	0	0		28
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

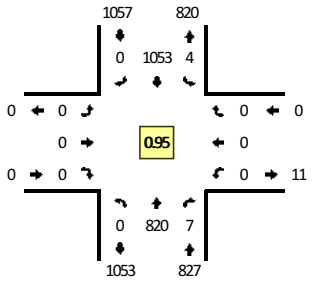
Type of peak hour being reported: Intersection Peak

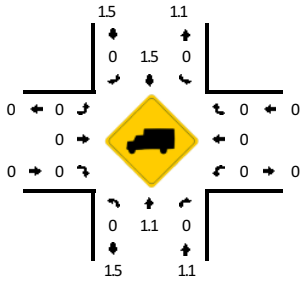
Method for determining peak hour: Total Entering Volume

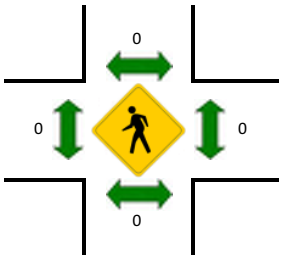
LOCATION: N Salem St -- Thales Academy Inbound Dwy
CITY/STATE: Apex, NC

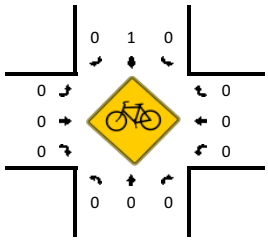
QC JOB #: 17294620
DATE: Tue, Oct 21 2025

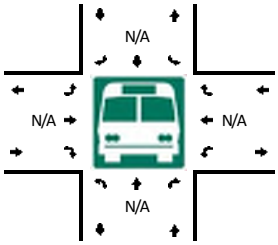
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

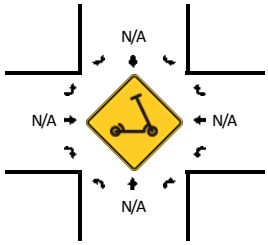












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Inbound Dwy (Eastbound)				Thales Academy Inbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	165	3	0	2	213	0	0	0	0	0	0	0	0	0	0	383	
4:15 PM	0	189	16	0	5	225	0	0	0	0	0	0	0	0	0	0	435	
4:30 PM	0	200	6	0	7	260	0	0	0	0	0	0	0	0	0	0	473	
4:45 PM	0	176	2	0	1	226	0	0	0	0	0	0	0	0	0	0	405	1696
5:00 PM	0	218	1	0	2	250	0	0	0	0	0	0	0	0	0	0	471	1784
5:15 PM	0	223	4	0	2	268	0	0	0	0	0	0	0	0	0	0	497	1846
5:30 PM	0	215	1	0	0	275	0	0	0	0	0	0	0	0	0	0	491	1864
5:45 PM	0	164	1	0	0	260	0	0	0	0	0	0	0	0	0	0	425	1884

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	892	16	0	8	1072	0	0	0	0	0	0	0	0	0	0	1988
Heavy Trucks	0	12	0		0	20	0		0	0	0		0	0	0		32
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

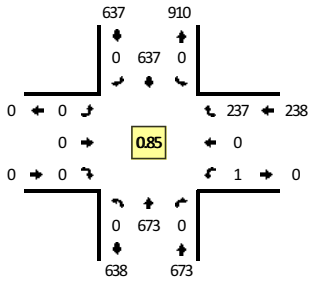
Type of peak hour being reported: Intersection Peak

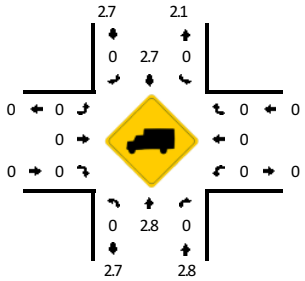
Method for determining peak hour: Total Entering Volume

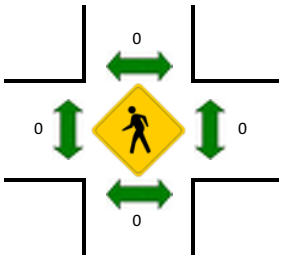
LOCATION: N Salem St -- Thales Academy Outbound Dwy
CITY/STATE: Apex, NC

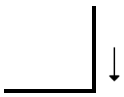
QC JOB #: 17294621
DATE: Tue, Oct 21 2025

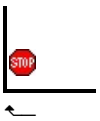
Peak-Hour: 7:00 AM -- 8:00 AM
Peak 15-Min: 7:15 AM -- 7:30 AM

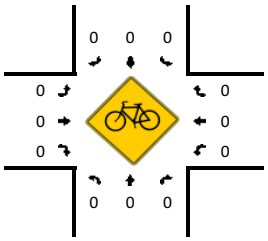


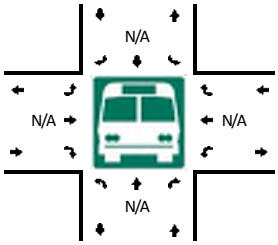


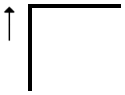


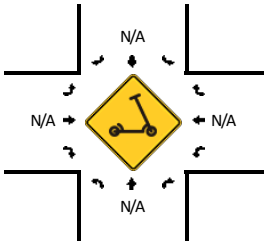












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Outbound Dwy (Eastbound)				Thales Academy Outbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	195	0	0	0	127	0	0	0	0	0	0	0	0	28	0	350	
7:15 AM	0	187	0	0	0	171	0	0	0	0	0	0	0	0	97	0	455	
7:30 AM	0	146	0	0	0	165	0	0	0	0	0	0	0	0	108	0	419	
7:45 AM	0	145	0	0	0	174	0	0	0	0	0	0	1	0	4	0	324	1548
8:00 AM	0	163	0	0	0	156	0	0	0	0	0	0	0	0	2	0	321	1519
8:15 AM	0	187	0	0	0	164	0	0	0	0	0	0	0	0	3	0	354	1418
8:30 AM	0	190	0	0	0	158	0	0	0	0	0	0	0	0	0	0	348	1347
8:45 AM	0	183	0	0	0	176	0	0	0	0	0	0	0	0	1	0	360	1383

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	748	0	0	0	684	0	0	0	0	0	0	0	0	388	0	1820
Heavy Trucks	0	12	0		0	8	0		0	0	0		0	0	0		20
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

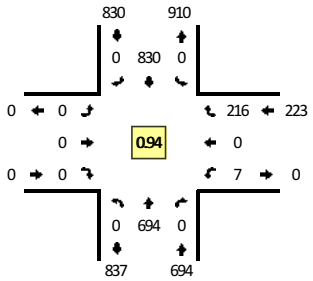
Type of peak hour being reported: Intersection Peak

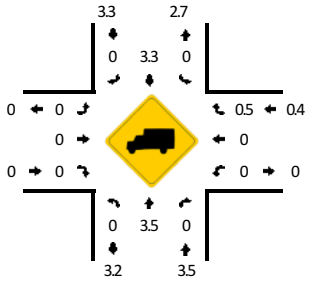
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- Thales Academy Outbound Dwy
CITY/STATE: Apex, NC

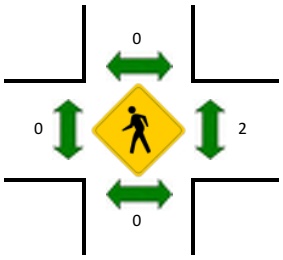
QC JOB #: 17294622
DATE: Tue, Oct 21 2025

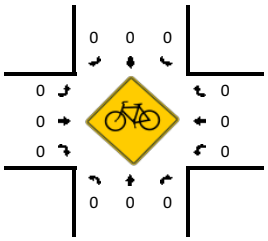
Peak-Hour: 2:45 PM -- 3:45 PM
Peak 15-Min: 3:15 PM -- 3:30 PM

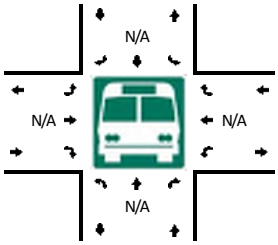


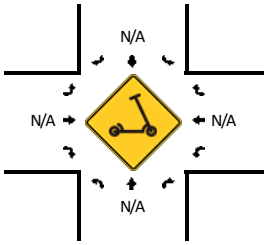


TRUE DATA TO IMPROVE MOBILITY









15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Outbound Dwy (Eastbound)				Thales Academy Outbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
2:00 PM	0	126	0	0	0	133	0	0	0	0	0	0	0	0	1	0	260	
2:15 PM	0	149	0	0	0	163	0	0	0	0	0	0	0	0	0	0	312	
2:30 PM	0	158	0	0	0	207	0	0	0	0	0	0	0	0	27	0	392	
2:45 PM	0	219	0	0	0	203	0	0	0	0	0	0	1	0	31	0	454	1418
3:00 PM	0	181	0	0	0	179	0	0	0	0	0	0	1	0	31	0	392	1550
3:15 PM	0	148	0	0	0	222	0	0	0	0	0	0	1	0	92	0	463	1701
3:30 PM	0	146	0	0	0	226	0	0	0	0	0	0	4	0	62	0	438	1747
3:45 PM	0	156	0	0	0	244	0	0	0	0	0	0	0	0	18	0	418	1711

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	592	0	0	0	888	0	0	0	0	0	0	4	0	368	0	1852
Heavy Trucks	0	8	0		0	20	0		0	0	0		0	0	0		28
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

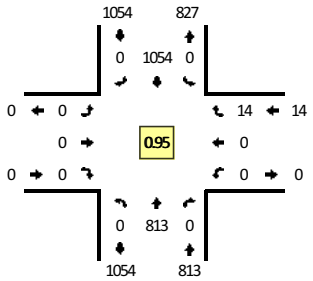
Type of peak hour being reported: Intersection Peak

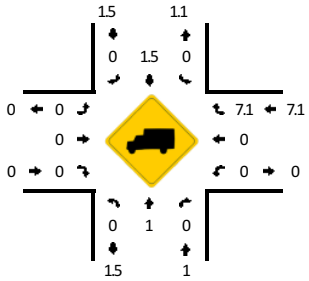
Method for determining peak hour: Total Entering Volume

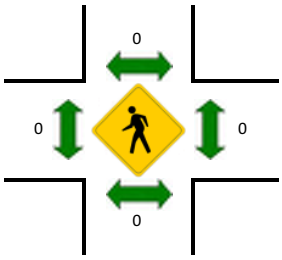
LOCATION: N Salem St -- Thales Academy Outbound Dwy
CITY/STATE: Apex, NC

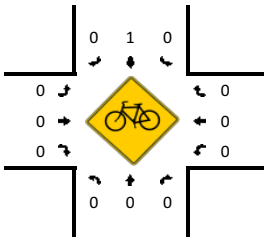
QC JOB #: 17294623
DATE: Tue, Oct 21 2025

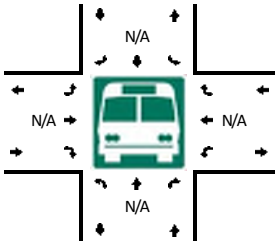
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

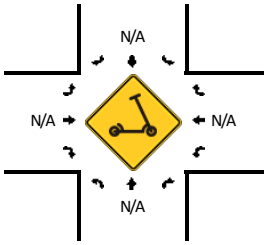












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Thales Academy Outbound Dwy (Eastbound)				Thales Academy Outbound Dwy (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	166	0	0	0	214	0	0	0	0	0	0	0	0	3	0	383	
4:15 PM	0	202	0	0	0	223	0	0	0	0	0	0	2	0	5	0	432	
4:30 PM	0	178	0	0	0	261	0	0	0	0	0	0	0	0	27	0	466	
4:45 PM	0	165	0	0	0	227	0	0	0	0	0	0	0	0	11	0	403	1684
5:00 PM	0	215	0	0	0	251	0	0	0	0	0	0	0	0	4	0	470	1771
5:15 PM	0	222	0	0	0	268	0	0	0	0	0	0	0	0	4	0	494	1833
5:30 PM	0	213	0	0	0	275	0	0	0	0	0	0	0	0	4	0	492	1859
5:45 PM	0	163	0	0	0	260	0	0	0	0	0	0	0	0	2	0	425	1881

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	888	0	0	0	1072	0	0	0	0	0	0	0	0	16	0	1976
Heavy Trucks	0	12	0		0	20	0		0	0	0		0	0	0		32
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

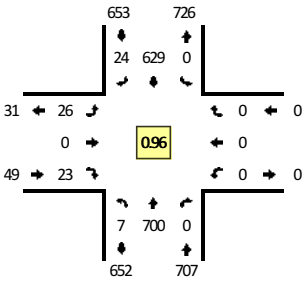
Type of peak hour being reported: Intersection Peak

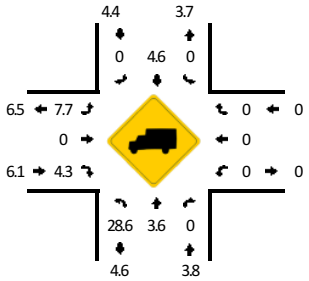
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- Brittley Way
CITY/STATE: Apex, NC

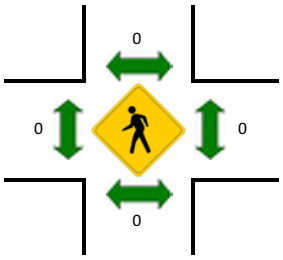
QC JOB #: 17294605
DATE: Tue, Oct 21 2025

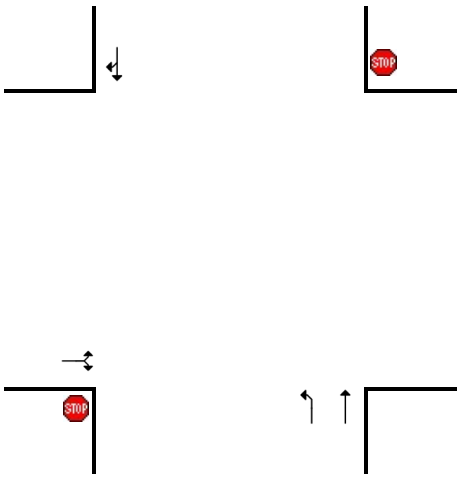
Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:45 AM -- 9:00 AM

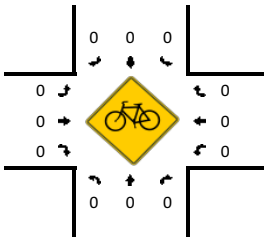


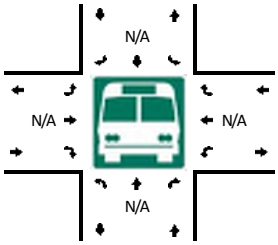


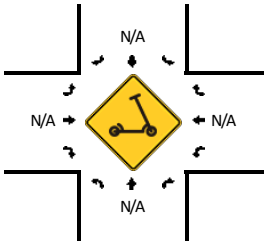
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Brittley Way (Eastbound)				Brittley Way (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	2	200	0	0	0	122	6	0	10	0	10	0	0	0	0	0	350	
7:15 AM	4	187	0	0	0	162	7	0	3	0	7	0	0	0	0	0	370	
7:30 AM	1	129	0	0	0	144	22	0	7	0	10	0	0	0	0	0	313	
7:45 AM	3	135	0	0	0	156	16	0	8	0	5	0	0	0	0	0	323	1356
8:00 AM	2	157	0	0	0	152	6	0	8	0	4	0	0	0	0	0	329	1335
8:15 AM	0	179	0	0	0	162	4	0	4	0	9	0	0	0	0	0	358	1323
8:30 AM	3	186	0	0	0	150	4	0	4	0	7	0	0	0	0	0	354	1364
8:45 AM	2	178	0	0	0	165	10	0	10	0	3	0	0	0	0	0	368	1409

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	8	712	0	0	0	660	40	0	40	0	12	0	0	0	0	0	1472
Heavy Trucks	8	20	0		0	40	0		4	0	0		0	0	0		72
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

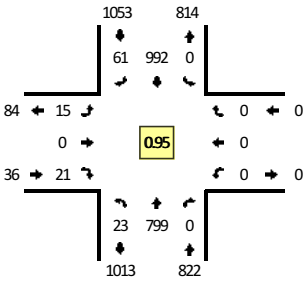
Type of peak hour being reported: Intersection Peak

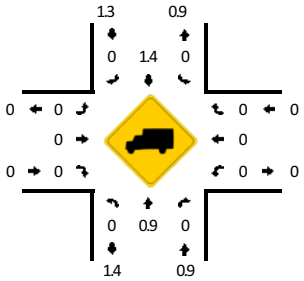
Method for determining peak hour: Total Entering Volume

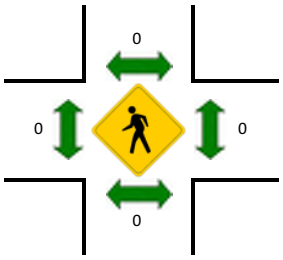
LOCATION: N Salem St -- Brittley Way
CITY/STATE: Apex, NC

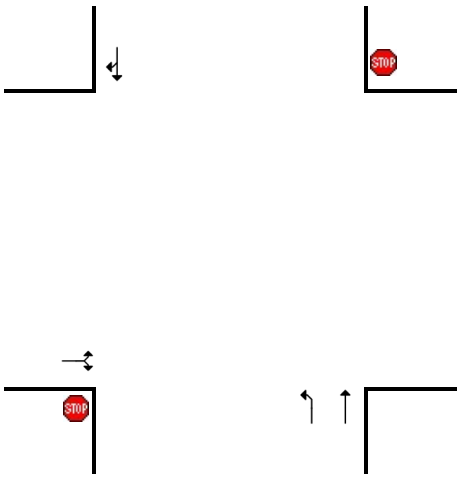
QC JOB #: 17294606
DATE: Tue, Oct 21 2025

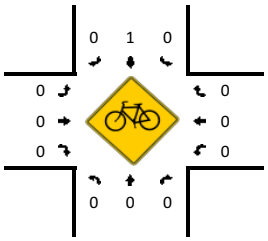
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

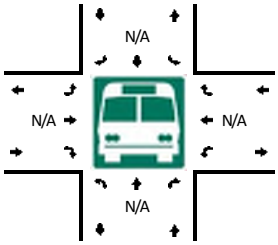


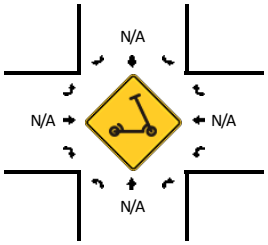












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Brittley Way (Eastbound)				Brittley Way (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	7	160	0	0	0	197	18	0	4	0	4	0	0	0	0	0	390	
4:15 PM	4	196	0	0	0	217	11	0	6	0	7	0	0	0	0	0	441	
4:30 PM	6	171	0	0	0	239	24	0	9	0	1	0	0	0	0	0	450	
4:45 PM	4	157	0	0	0	215	14	0	7	0	2	0	0	0	0	0	399	1680
5:00 PM	8	213	0	0	0	234	16	0	2	0	4	0	0	0	0	0	477	1767
5:15 PM	6	219	0	0	0	247	16	0	5	0	8	0	0	0	0	0	501	1827
5:30 PM	6	207	0	0	0	258	16	0	6	0	3	0	0	0	0	0	496	1873
5:45 PM	3	160	0	0	0	253	13	0	2	0	6	0	0	0	0	0	437	1911

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	24	876	0	0	0	988	64	0	20	0	32	0	0	0	0	0	2004
Heavy Trucks	0	12	0		0	24	0		0	0	0		0	0	0		36
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

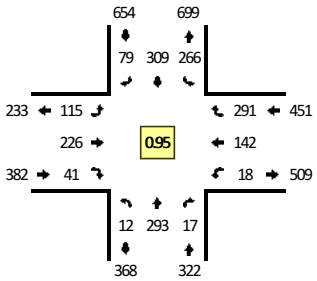
Type of peak hour being reported: Intersection Peak

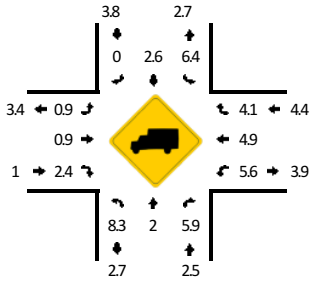
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- Apex Peakway
CITY/STATE: Apex, NC

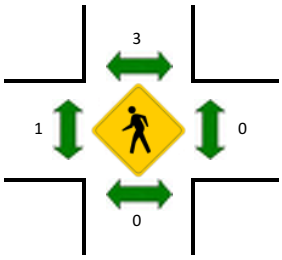
QC JOB #: 17294607
DATE: Tue, Oct 21 2025

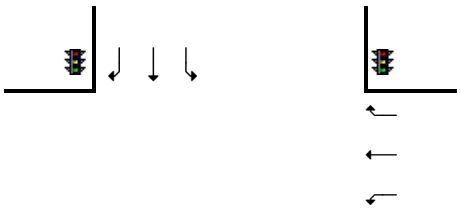
Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:45 AM -- 9:00 AM

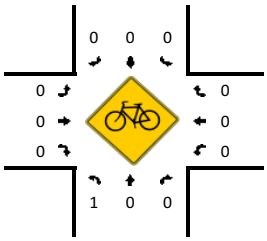


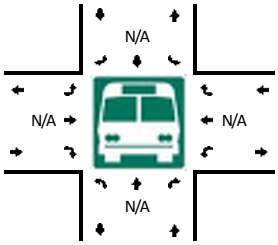


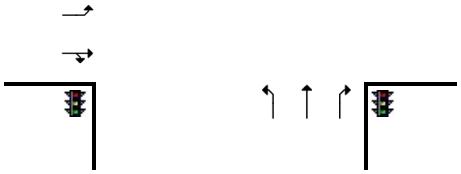
TRUE DATA TO IMPROVE MOBILITY

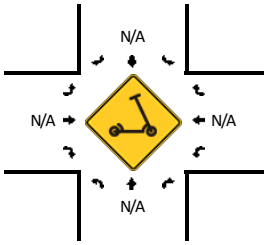












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Apex Peakway (Eastbound)				Apex Peakway (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	4	90	7	0	62	55	8	0	24	48	5	0	4	46	103	0	456	
7:15 AM	17	60	10	0	69	92	11	0	32	52	10	0	5	69	94	0	521	
7:30 AM	10	36	2	0	50	86	22	0	10	35	8	0	1	64	62	0	386	
7:45 AM	6	54	18	0	51	89	19	0	24	63	12	0	8	38	58	0	440	1803
8:00 AM	5	73	3	0	55	77	21	0	27	67	14	0	2	24	60	0	428	1775
8:15 AM	0	74	3	0	71	86	22	0	18	41	9	0	3	36	81	0	444	1698
8:30 AM	6	72	3	0	72	73	13	0	28	49	9	0	9	35	91	0	460	1772
8:45 AM	1	74	8	0	68	73	23	0	42	69	9	0	4	47	59	0	477	1809

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	4	296	32	0	272	292	92	0	168	276	36	0	16	188	236	0	1908
Heavy Trucks	0	0	4		12	16	0		4	0	4		0	12	12		64
Buses																	
Pedestrians		0				4				0				0			4
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

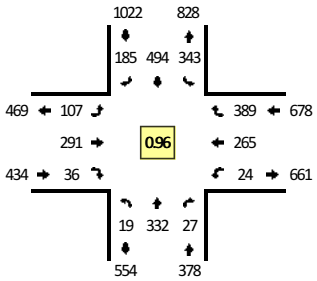
Type of peak hour being reported: Intersection Peak

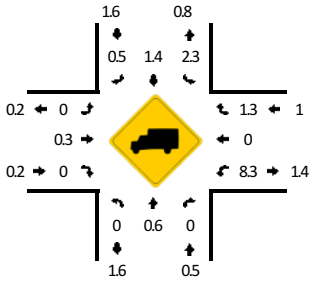
Method for determining peak hour: Total Entering Volume

LOCATION: N Salem St -- Apex Peakway
CITY/STATE: Apex, NC

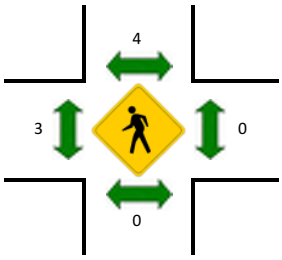
QC JOB #: 17294608
DATE: Tue, Oct 21 2025

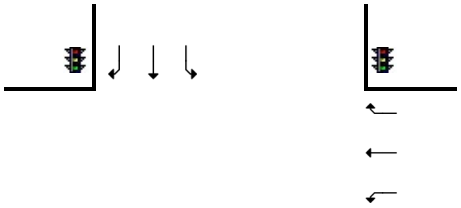
Peak-Hour: 5:00 PM -- 6:00 PM
Peak 15-Min: 5:15 PM -- 5:30 PM

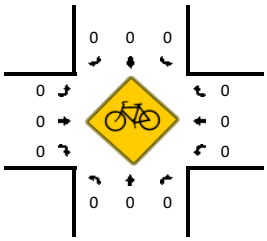


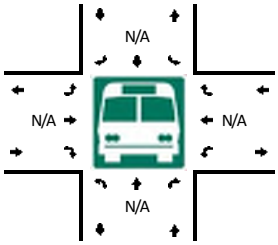


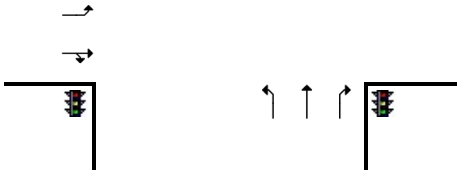
TRUE DATA TO IMPROVE MOBILITY

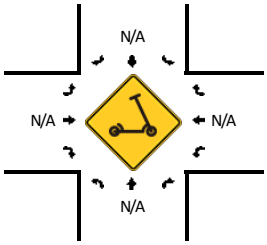












15-Min Count Period Beginning At	N Salem St (Northbound)				N Salem St (Southbound)				Apex Peakway (Eastbound)				Apex Peakway (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	4	61	7	0	59	108	36	0	32	61	11	0	6	74	74	0	533	
4:15 PM	1	89	3	0	78	105	37	0	26	58	6	0	3	58	86	0	550	
4:30 PM	9	66	8	0	71	115	46	0	23	63	14	0	7	70	87	0	579	
4:45 PM	1	64	8	0	58	111	36	0	26	60	10	0	5	79	67	0	525	2187
5:00 PM	6	90	8	0	76	121	49	0	35	76	11	0	7	67	95	0	641	2295
5:15 PM	5	98	5	0	84	118	43	0	34	75	8	0	8	74	100	0	652	2397
5:30 PM	4	75	8	0	94	117	57	0	19	67	10	0	6	66	114	0	637	2455
5:45 PM	4	69	6	0	89	138	36	0	19	73	7	0	3	58	80	0	582	2512

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	20	392	20	0	336	472	172	0	136	300	32	0	32	296	400	0	2608
Heavy Trucks	0	4	0		8	12	0		0	0	0		4	0	8		36
Buses																	
Pedestrians		0				8				0				0			8
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

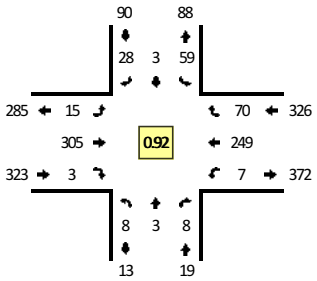
Type of peak hour being reported: Intersection Peak

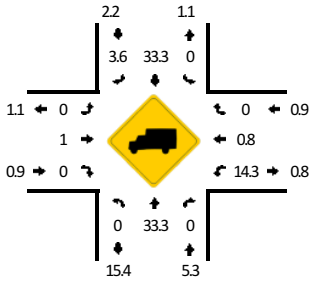
Method for determining peak hour: Total Entering Volume

LOCATION: Brittley Way -- Apex Peakway
CITY/STATE: Apex, NC

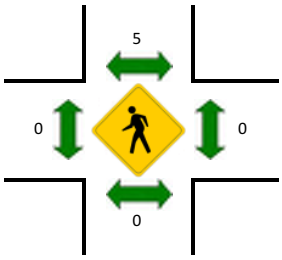
QC JOB #: 17294609
DATE: Tue, Oct 21 2025

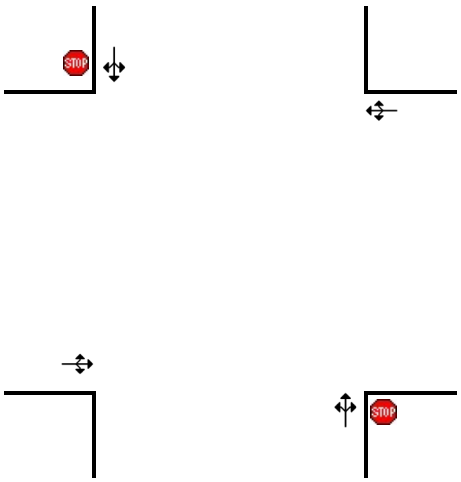
Peak-Hour: 7:15 AM -- 8:15 AM
Peak 15-Min: 7:15 AM -- 7:30 AM

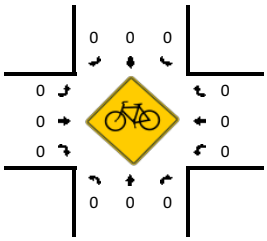


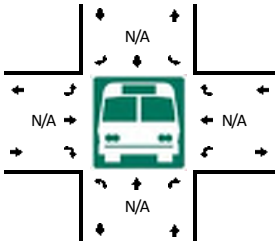


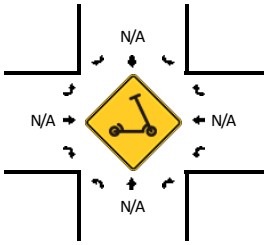
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	Brittley Way (Northbound)				Brittley Way (Southbound)				Apex Peakway (Eastbound)				Apex Peakway (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	1	0	5	0	6	0	3	0	1	68	0	0	0	50	7	0	141	
7:15 AM	2	2	1	0	10	1	5	0	2	79	1	0	1	79	23	0	206	
7:30 AM	2	1	3	0	14	0	14	0	2	53	0	0	2	73	28	0	192	
7:45 AM	2	0	1	0	24	1	6	0	6	96	0	0	1	55	11	0	203	742
8:00 AM	2	0	3	0	11	1	3	0	5	77	2	0	3	42	8	0	157	758
8:15 AM	0	0	5	0	12	0	4	0	2	70	0	0	0	52	3	0	148	700
8:30 AM	3	1	0	0	7	0	2	0	3	74	1	0	0	48	4	0	143	651
8:45 AM	0	0	2	0	12	0	5	0	1	96	0	0	2	57	10	0	185	633

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	8	8	4	0	40	4	20	0	8	316	4	0	4	316	92	0	824
Heavy Trucks	0	4	0		0	4	4		0	4	0		0	8	0		24
Buses																	
Pedestrians		0				12				0				0			12
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

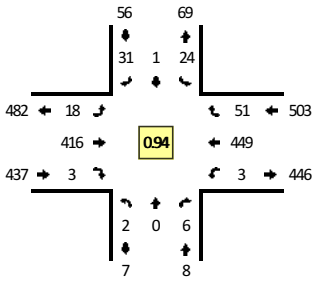
Type of peak hour being reported: Intersection Peak

Method for determining peak hour: Total Entering Volume

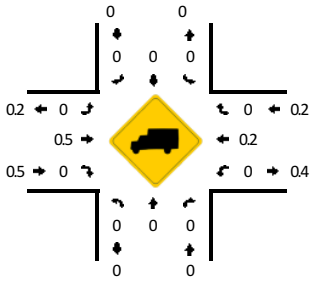
LOCATION: Brittley Way -- Apex Peakway
CITY/STATE: Apex, NC

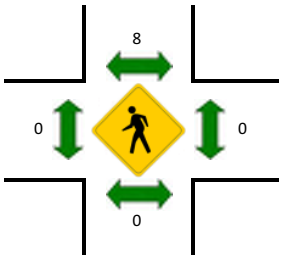
QC JOB #: 17294610
DATE: Tue, Oct 21 2025

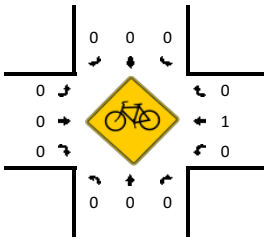
Peak-Hour: 4:45 PM -- 5:45 PM
Peak 15-Min: 5:00 PM -- 5:15 PM

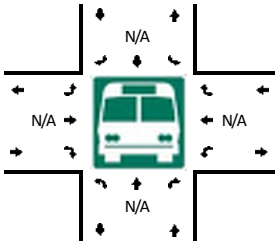


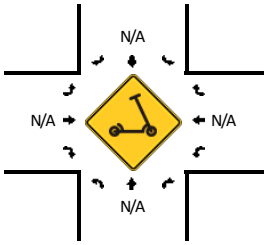
TRUE DATA TO IMPROVE MOBILITY











15-Min Count Period Beginning At	Brittley Way (Northbound)				Brittley Way (Southbound)				Apex Peakway (Eastbound)				Apex Peakway (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	0	1	0	8	0	5	0	7	93	0	0	2	103	11	0	230	
4:15 PM	0	0	0	0	6	0	7	0	3	86	3	0	3	94	10	0	212	
4:30 PM	0	0	1	0	7	1	3	0	6	83	0	0	0	114	5	0	220	
4:45 PM	0	0	1	0	3	1	5	0	2	100	1	0	0	97	15	0	225	887
5:00 PM	1	0	4	0	3	0	6	0	6	112	0	0	2	122	12	0	268	925
5:15 PM	1	0	0	0	12	0	10	0	1	107	1	0	1	111	13	0	257	970
5:30 PM	0	0	1	0	6	0	10	0	9	97	1	0	0	119	11	0	254	1004
5:45 PM	0	0	3	0	9	0	3	0	8	88	3	0	0	89	8	0	211	990

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	4	0	16	0	12	0	24	0	24	448	0	0	8	488	48	0	1072
Heavy Trucks	0	0	0		0	0	0		0	4	0		0	4	0		8
Buses																	
Pedestrians		0				8				0				0			8
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

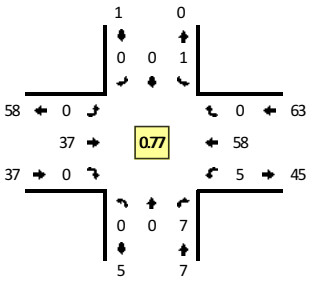
Type of peak hour being reported: Intersection Peak

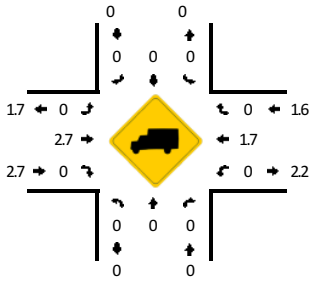
Method for determining peak hour: Total Entering Volume

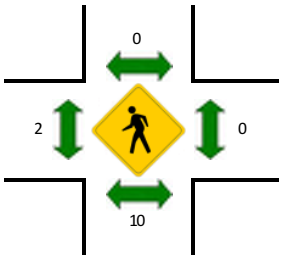
LOCATION: Frenchurch Way -- Brittley Way
CITY/STATE: Apex, NC

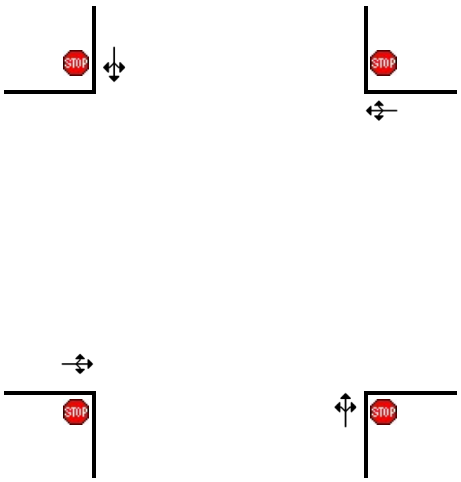
QC JOB #: 17294611
DATE: Tue, Oct 21 2025

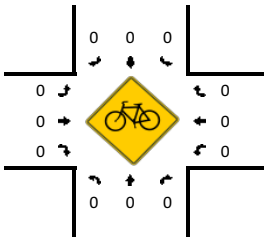
Peak-Hour: 7:00 AM -- 8:00 AM
Peak 15-Min: 7:30 AM -- 7:45 AM

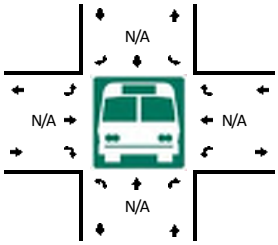


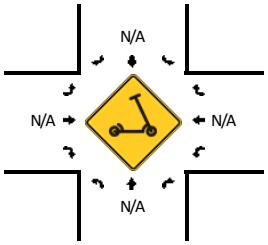












15-Min Count Period Beginning At	Frenchurch Way (Northbound)				Frenchurch Way (Southbound)				Brittley Way (Eastbound)				Brittley Way (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	0	1	0	1	0	0	0	0	13	0	0	0	6	0	0	21	
7:15 AM	0	0	3	0	0	0	0	0	0	6	0	0	1	10	0	0	20	
7:30 AM	0	0	3	0	0	0	0	0	0	7	0	0	4	21	0	0	35	
7:45 AM	0	0	0	0	0	0	0	0	0	11	0	0	0	21	0	0	32	108
8:00 AM	0	0	2	0	0	0	0	0	0	10	0	0	1	5	0	0	18	105
8:15 AM	0	0	1	0	0	0	0	0	0	8	0	0	0	4	0	0	13	98
8:30 AM	0	0	0	0	1	0	0	0	0	9	0	0	0	5	0	0	15	78
8:45 AM	0	0	0	0	1	0	0	0	0	10	0	0	1	9	0	0	21	67

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	12	0	0	0	0	0	0	28	0	0	16	84	0	0	140
Heavy Trucks	0	0	0		0	0	0		0	0	0		0	0	0		0
Buses																	
Pedestrians		16				0				8				0			24
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

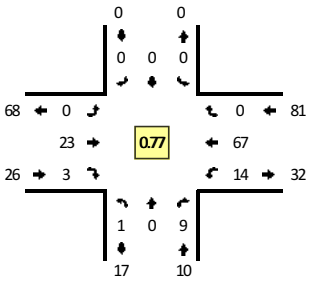
Type of peak hour being reported: Intersection Peak

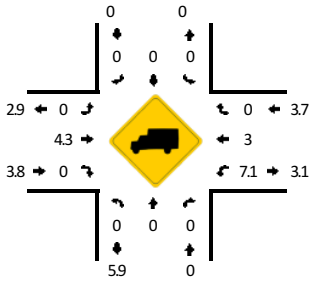
Method for determining peak hour: Total Entering Volume

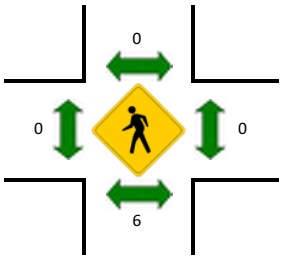
LOCATION: Frenchurch Way -- Brittley Way
CITY/STATE: Apex, NC

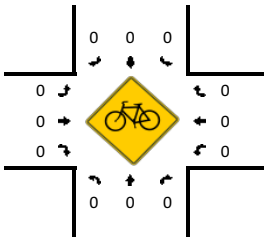
QC JOB #: 17294612
DATE: Tue, Oct 21 2025

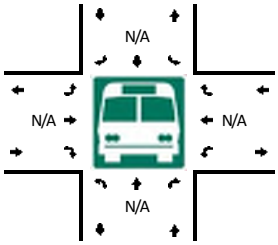
Peak-Hour: 4:00 PM -- 5:00 PM
Peak 15-Min: 4:00 PM -- 4:15 PM

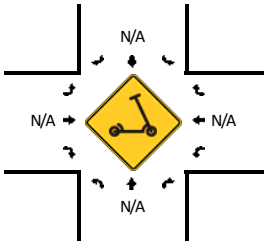












15-Min Count Period Beginning At	Frenchurch Way (Northbound)				Frenchurch Way (Southbound)				Brittley Way (Eastbound)				Brittley Way (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	1	0	6	0	0	0	0	0	0	4	2	0	7	18	0	0	38	
4:15 PM	0	0	1	0	0	0	0	0	0	11	1	0	0	8	0	0	21	
4:30 PM	0	0	2	0	0	0	0	0	0	4	0	0	3	24	0	0	33	
4:45 PM	0	0	0	0	0	0	0	0	0	4	0	0	4	17	0	0	25	117
5:00 PM	0	0	0	0	0	0	0	0	0	6	0	0	2	17	0	0	25	104
5:15 PM	1	0	2	0	1	0	0	0	0	7	1	0	2	16	0	0	30	113
5:30 PM	0	0	1	0	0	0	0	0	0	5	0	0	1	16	0	0	23	103
5:45 PM	0	0	0	0	0	0	0	0	0	2	0	0	2	10	1	0	15	93

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	4	0	24	0	0	0	0	0	0	16	8	0	28	72	0	0	152
Heavy Trucks	0	0	0		0	0	0		0	0	0		4	4	0		8
Buses																	
Pedestrians		8				0				0				0			8
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

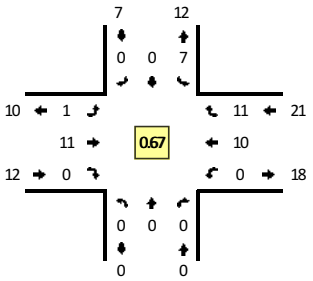
Type of peak hour being reported: Intersection Peak

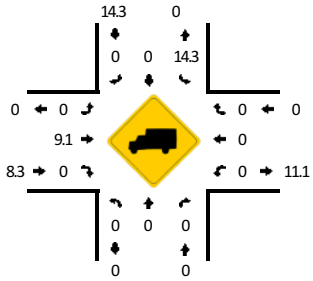
Method for determining peak hour: Total Entering Volume

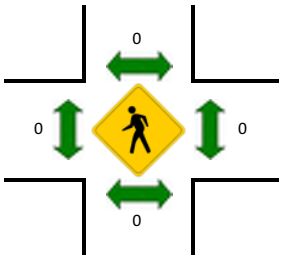
LOCATION: Crossroads Ford of Apex Central Dwy -- All Wheel Dr
CITY/STATE: Apex, NC

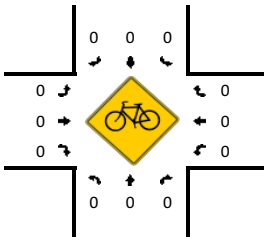
QC JOB #: 17294613
DATE: Tue, Oct 21 2025

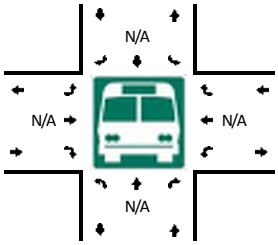
Peak-Hour: 8:00 AM -- 9:00 AM
Peak 15-Min: 8:45 AM -- 9:00 AM

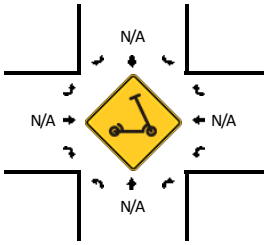












15-Min Count Period Beginning At	Crossroads Ford of Apex Central Dwy (Northbound)				Crossroads Ford of Apex Central Dwy (Southbound)				All Wheel Dr (Eastbound)				All Wheel Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
7:00 AM	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	4	
7:15 AM	0	0	0	0	0	0	0	0	0	2	0	0	0	1	2	0	5	
7:30 AM	0	0	0	0	3	0	0	0	1	2	0	0	0	3	2	0	11	
7:45 AM	0	0	0	0	2	0	0	0	0	0	0	0	0	1	2	0	5	25
8:00 AM	0	0	0	0	1	0	0	0	1	4	0	0	0	1	3	0	10	31
8:15 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	28
8:30 AM	0	0	0	0	2	0	0	0	0	2	0	0	0	6	3	0	13	30
8:45 AM	0	0	0	0	3	0	0	0	0	5	0	0	0	3	4	0	15	40

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	12	0	0	0	0	20	0	0	0	12	16	0	60
Heavy Trucks	0	0	0		0	0	0		0	4	0		0	0	0		4
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

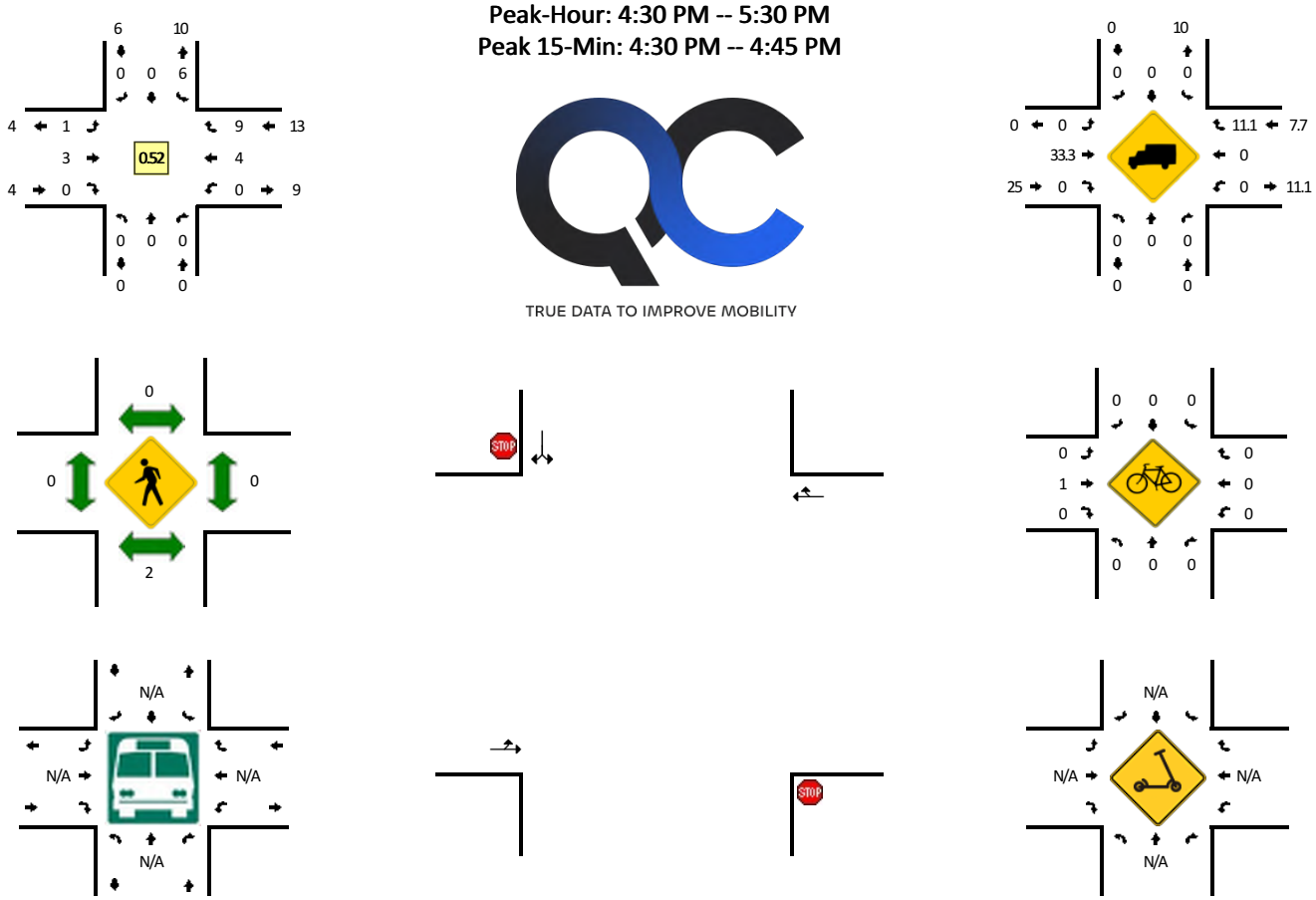
Type of peak hour being reported: Intersection Peak

Method for determining peak hour: Total Entering Volume

LOCATION: Crossroads Ford of Apex Central Dwy -- All Wheel Dr
CITY/STATE: Apex, NC

QC JOB #: 17294614
DATE: Tue, Oct 21 2025

Peak-Hour: 4:30 PM -- 5:30 PM
Peak 15-Min: 4:30 PM -- 4:45 PM



15-Min Count Period Beginning At	Crossroads Ford of Apex Central Dwy (Northbound)				Crossroads Ford of Apex Central Dwy (Southbound)				All Wheel Dr (Eastbound)				All Wheel Dr (Westbound)				Total	Hourly Totals
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U		
4:00 PM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	4	
4:15 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
4:30 PM	0	0	0	0	3	0	0	0	1	1	0	0	0	0	6	0	11	
4:45 PM	0	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	4	21
5:00 PM	0	0	0	0	1	0	0	0	0	1	0	0	0	1	2	0	5	22
5:15 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3	23
5:30 PM	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	4	16
5:45 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	13

Peak 15-Min Flowrates	Northbound				Southbound				Eastbound				Westbound				Total
	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	Left	Thru	Right	U	
All Vehicles	0	0	0	0	12	0	0	0	4	4	0	0	0	0	24	0	44
Heavy Trucks	0	0	0		0	0	0		0	0	0		0	0	0		0
Buses																	
Pedestrians		0				0				0				0			0
Bicycles	0	0	0		0	0	0		0	0	0		0	0	0		0
Scooters																	

Comments:

Report generated on 10/27/2025 8:15 AM

SOURCE: Quality Counts, LLC (http://www.qualitycounts.net) 1-877-580-2212

Appendix C:

Trip Generation

Good Acres (N. Salem St.)

Table 1 - Trip Generation (11th Edition)

Land Use	Intensity		Daily			AM Peak Hour			School PM Peak Hour			PM Peak Hour		
			Total	In	Out	Total	In	Out	Total	In	Out	Total	In	Out
215 Single Family Attached Housing	200	d.u.	1,474	737	737	98	25	73	90	50	40	116	68	48
221 Multifamily Housing (Mid-Rise)	250	d.u.	1,146	573	573	98	23	75	50	29	21	98	60	38
822 Strip Retail Plaza (<40K)	22,000	s.f.	1,158	579	579	48	29	19	78	39	39	136	68	68
Subtotal			**3,778**	**1,889**	**1,889**	**244**	**77**	**167**	**218**	**118**	**100**	**350**	**196**	**154**
Internal Capture														
215 Single Family Attached Housing			109	65	44	2	1	1	9	7	2	12	9	3
221 Multifamily Housing (Mid-Rise)			85	51	34	1	0	1	6	4	2	11	8	3
822 Strip Retail Plaza (<40K)			194	78	116	3	2	1	13	3	10	23	6	17
Internal Capture Total	2.46%	13.14%	*388*	*194*	*194*	*6*	*3*	*3*	*28*	*14*	*14*	*46*	*23*	*23*
Total External Trips			**3,390**	**1,695**	**1,695**	**238**	**74**	**164**	**190**	**104**	**86**	**304**	**173**	**131**
Pass-By Capture	AM	PM												
822 Strip Retail Plaza (<40K)	0%	20%	96	48	48	0	0	0	13	7	6	22	12	10
Total Net New External Trips			**3,294**	**1,647**	**1,647**	**238**	**74**	**164**	**177**	**97**	**80**	**282**	**161**	**121**

School PM peak hour trip generation based on average of ITE hourly distribution data for the 2-4pm timeframe and applied to daily trip generation

K:\HSP_LDEV\014490003_Good Acres N Salem Street\T4 - Analysis\[GoodAcresSalemStreetApex-TIAData.xlsx]Trip Gen 11/24/25

NCHRP 684 Internal Trip Capture Estimation Tool			
Project Name:	Good Acres (N. Salem St.)	**Organization:**	Kimley-Horn
Project Location:	Apex, NC	**Perormed By:**	KH
Scenario Description:	Full Build	**Date:**	10/8/2025
Analysis Year:	2032	**Checked By:**	
Analysis Period:	**AM Peak Hour**	**Date:**	

Table 1-A: Base Vehicle-Trip Generation Estimates (Single-Use Site Estimate)

Land Use	Development Data (*For Information Only*)			Estimated Vehicle-Trips[3]		
	ITE LUCs[1]	Quantity	Units	Total	Entering	Exiting
Office		0	SF	0	0	0
Retail	822	22,000	SF	48	29	19
Restaurant		0	SF	0	0	0
Cinema/Entertainment		0	SF	0	0	0
Residential	215,221	450	units	196	48	148
Hotel		0	rooms	0	0	0
All Other Land Uses[2]		0	SF	0	0	0
				244	**77**	**167**

Table 2-A: Mode Split and Vehicle Occupancy Estimates

Land Use	Entering Trips			Exiting Trips		
	Veh. Occ.[4]	% Transit	% Non-Motorized	Veh. Occ.[4]	% Transit	% Non-Motorized
Office	1.1	0%	0%	1.1	0%	0%
Retail	1.1	0%	0%	1.1	0%	0%
Restaurant	1.1	0%	0%	1.1	0%	0%
Cinema/Entertainment	1.1	0%	0%	1.1	0%	0%
Residential	1.1	0%	0%	1.1	0%	0%
Hotel	1.1	0%	0%	1.1	0%	0%
All Other Land Uses[2]	1.1	0%	0%	1.1	0%	0%

Table 3-A: Average Land Use Interchange Distances (Feet Walking Distance)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office						
Retail						
Restaurant						
Cinema/Entertainment						
Residential						
Hotel						

Table 4-A: Internal Person-Trip Origin-Destination Matrix*

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		0	0	0	0	0
Retail	0		0	0	1	0
Restaurant	0	0		0	0	0
Cinema/Entertainment	0	0	0		0	0
Residential	0	2	0	0		0
Hotel	0	0	0	0	0	

Table 5-A: Computations Summary

	Total	Entering	Exiting
All Person-Trips	269	85	184
Internal Capture Percentage	2%	4%	2%
External Vehicle-Trips[5]	238	74	164
External Transit-Trips[6]	0	0	0
External Non-Motorized Trips[6]	0	0	0

Table 6-A: Internal Trip Capture Percentages by Land Use

Land Use	Entering Trips	Exiting Trips
Office	0%	0%
Retail	6%	5%
Restaurant	0%	0%
Cinema/Entertainment	0%	0%
Residential	2%	1%
Hotel	0%	0%

[1]Land Use Codes (LUCs) from *Trip Generation Manual*, published by the Institute of Transportation Engineers (ITE).
[2]Total estimate for all other land uses at mixed-use development site is not subject to internal trip capture computations in this estimator.
[3]Enter trips assuming no transit or non-motorized trips (as assumed in ITE *Trip Generation Manual*).
4Enter vehicle occupancy assumed in Table 1-A vehicle trips. If vehicle occupancy changes for proposed mized-use project, manual adjustments must be made
5Vehicle-trips computed using the mode split and vehicle occupancy values provided in Table 2-A.
[6]Person-Trips
*Indicates computaton that has been rounded to the nearest whole number.
Estimation Tool Developed by the Texas A&M Transportation Institute - Version 2013.1

Table 7-A: Conversion of Vehicle-Trip Ends to Person-Trip Ends

Land Use	Table 7-A (D) Entering Trips			Table 7-A (O) Exiting Trips		
	Veh. Occ.[4]	Vehicle Trips	Person-Trips*	Veh. Occ.[4]	Vehicle Trips	Person-Trips*
Office	1.1	0	0	1.1	0	0
Retail	1.1	29	32	1.1	19	21
Restaurant	1.1	0	0	1.1	0	0
Cinema/Entertainment	1.1	0	0	1.1	0	0
Residential	1.1	48	53	1.1	148	163
Hotel	1.1	0	0	1.1	0	0

Table 8-A (O): Internal Person-Trip Origin-Destination Matrix (Computed at Origin)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		0	0	0	0	0
Retail	6		3	0	3	0
Restaurant	0	0		0	0	0
Cinema/Entertainment	0	0	0		0	0
Residential	3	2	33	0		0
Hotel	0	0	0	0	0	

Table 8-A (D): Internal Person-Trip Origin-Destination Matrix (Computed at Destination)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		10	0	0	0	0
Retail	0		0	0	1	0
Restaurant	0	3		0	3	0
Cinema/Entertainment	0	0	0		0	0
Residential	0	5	0	0		0
Hotel	0	1	0	0	0	

Table 9-A (D): Internal and External Trips Summary (Entering Trips)

Land Use	Person-Trip Estimates			External Trips by Mode*		
	Internal	External	Total	Vehicles[1]	Transit[2]	% Non-Motorized[2]
Office	0	0	0	0	0	0
Retail	2	30	32	27	0	0
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	1	52	53	47	0	0
Hotel	0	0	0	0	0	0
All Other Land Uses[2]	0	0	0	0	0	0

Table 9-A (O): Internal and External Trips Summary (Exiting Trips)

Land Use	Person-Trip Estimates			External Trips by Mode*		
	Internal	External	Total	Vehicles[1]	Transit[2]	% Non-Motorized[2]
Office	0	0	0	0	0	0
Retail	1	20	21	18	0	0
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	2	161	163	146	0	0
Hotel	0	0	0	0	0	0
All Other Land Uses[2]	0	0	0	0	0	0

1Vehicle-trips computed using the mode split and vehicle occupancy values provided in Table 2-A.
[2]Person-Trips
[3]Total estimate for all other land uses at mixed use development site is not subject to internal capture computations in this estimator.
*Indicates computation that has been rounded to the nearest whole number.

NCHRP 684 Internal Trip Capture Estimation Tool			
Project Name:	Good Acres (N. Salem St.)	**Organization:**	Kimley-Horn
Project Location:	Apex, NC	**Perormed By:**	KH
Scenario Description:	Full Build	**Date:**	10/8/2025
Analysis Year:	2032	**Checked By:**	
Analysis Period:	**PM Peak Hour**	**Date:**	

Table 1-P: Base Vehicle-Trip Generation Estimates (Single-Use Site Estimate)

Land Use	Development Data (*For Information Only*)			Estimated Vehicle-Trips[3]		
	ITE LUCs[1]	Quantity	Units	Total	Entering	Exiting
Office		0	SF	0	0	0
Retail	822	22,000	SF	136	68	68
Restaurant		0	SF	0	0	0
Cinema/Entertainment		0	SF	0	0	0
Residential	215,221	450	units	214	128	86
Hotel		0	rooms	0	0	0
All Other Land Uses[2]		0	SF	0	0	0
				350	**196**	**154**

Table 2-P: Mode Split and Vehicle Occupancy Estimates

Land Use	Entering Trips			Exiting Trips		
	Veh. Occ.[4]	% Transit	% Non-Motorized	Veh. Occ.[4]	% Transit	% Non-Motorized
Office	1.1	0%	0%	1.1	0%	0%
Retail	1.1	0%	0%	1.1	0%	0%
Restaurant	1.1	0%	0%	1.1	0%	0%
Cinema/Entertainment	1.1	0%	0%	1.1	0%	0%
Residential	1.1	0%	0%	1.1	0%	0%
Hotel	1.1	0%	0%	1.1	0%	0%
All Other Land Uses[2]	1.1	0%	0%	1.1	0%	0%

Table 3-P: Average Land Use Interchange Distances (Feet Walking Distance)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office						
Retail					600	
Restaurant						
Cinema/Entertainment						
Residential		600				
Hotel						

Table 4-P: Internal Person-Trip Origin-Destination Matrix*

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		0	0	0	0	0
Retail	0		0	0	19	0
Restaurant	0	0		0	0	0
Cinema/Entertainment	0	0	0		0	0
Residential	0	7	0	0		0
Hotel	0	0	0	0	0	

Table 5-P: Computations Summary

	Total	Entering	Exiting
All Person-Trips	385	216	169
Internal Capture Percentage	14%	12%	15%
External Vehicle-Trips[5]	304	173	131
External Transit-Trips[6]	0	0	0
External Non-Motorized Trips[6]	0	0	0

Table 6-P: Internal Trip Capture Percentages by Land Use

Land Use	Entering Trips	Exiting Trips
Office	0%	0%
Retail	9%	25%
Restaurant	0%	0%
Cinema/Entertainment	0%	0%
Residential	13%	7%
Hotel	0%	0%

[1]Land Use Codes (LUCs) from *Trip Generation Manual*, published by the Institute of Transportation Engineers (ITE).
[2]Total estimate for all other land uses at mixed-use development site is not subject to internal trip capture computations in this estimator.
[3]Enter trips assuming no transit or non-motorized trips (as assumed in ITE *Trip Generation Manual*).
[4]Enter vehicle occupancy assumed in Table 1-P vehicle trips. If vehicle occupancy changes for proposed mized-use project, manual adjustments must be made
[5]Vehicle-trips computed using the mode split and vehicle occupancy values provided in Table 2-P.
[6]Person-Trips
*Indicates computaton that has been rounded to the nearest whole number.
Estimation Tool Developed by the Texas A&M Transportation Institute - Version 2013.1

Table 7-P: Conversion of Vehicle-Trip Ends to Person-Trip Ends

Land Use	Table 7-P (D) Entering Trips			Table 7-P (O) Exiting Trips		
	Veh. Occ.[4]	Vehicle Trips	Person-Trips*	Veh. Occ.[4]	Vehicle Trips	Person-Trips*
Office	1.1	0	0	1.1	0	0
Retail	1.1	68	75	1.1	68	75
Restaurant	1.1	0	0	1.1	0	0
Cinema/Entertainment	1.1	0	0	1.1	0	0
Residential	1.1	128	141	1.1	86	95
Hotel	1.1	0	0	1.1	0	0

Table 8-P (O): Internal Person-Trip Origin-Destination Matrix (Computed at Origin)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		0	0	0	0	0
Retail	1		22	3	19	4
Restaurant	0	0		0	0	0
Cinema/Entertainment	0	0	0		0	0
Residential	4	35	20	0		3
Hotel	0	0	0	0	0	

Table 8-P (D): Internal Person-Trip Origin-Destination Matrix (Computed at Destination)

Origin (From)	Destination (To)					
	Office	Retail	Restaurant	Cinema/Entertainment	Residential	Hotel
Office		6	0	0	6	0
Retail	0		0	0	65	0
Restaurant	0	37		0	23	0
Cinema/Entertainment	0	3	0		6	0
Residential	0	7	0	0		0
Hotel	0	1	0	0	0	

Table 9-P (D): Internal and External Trips Summary (Entering Trips)

Land Use	Person-Trip Estimates			External Trips by Mode*		
	Internal	External	Total	Vehicles[1]	Transit[2]	% Non-Motorized[2]
Office	0	0	0	0	0	0
Retail	7	68	75	62	0	0
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	19	122	141	111	0	0
Hotel	0	0	0	0	0	0
All Other Land Uses[2]	0	0	0	0	0	0

Table 9-P (O): Internal and External Trips Summary (Exiting Trips)

Land Use	Person-Trip Estimates			External Trips by Mode*		
	Internal	External	Total	Vehicles[1]	Transit[2]	% Non-Motorized[2]
Office	0	0	0	0	0	0
Retail	19	56	75	51	0	0
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	7	88	95	80	0	0
Hotel	0	0	0	0	0	0
All Other Land Uses[2]	0	0	0	0	0	0

[1]Vehicle-trips computed using the mode split and vehicle occupancy values provided in Table 2-P.
[2]Person-Trips
[3]Total estimate for all other land uses at mixed use development site is not subject to internal capture computations in this estimator.
*Indicates computation that has been rounded to the nearest whole number.

Internal Capture Reduction Calculations

Methodology for A.M. Peak Hour and P.M. Peak Hour
based on the *Trip Generation Handbook* , 3rd Edition, published by the Institute of Transportation Engineers

Methodology for Daily
based on the average of the Unconstrained Rates for the A.M. Peak Hour and P.M. Peak Hour

SUMMARY

GROSS TRIP GENERATION

INPUT

Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office	0	0	0	0	0	0
Retail	579	579	29	19	68	68
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	1,310	1,310	48	148	128	86
Hotel	0	0	0	0	0	0
	1,889	1,889	77	167	196	154

INTERNAL TRIPS

OUTPUT

Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office	0	0	0	0	0	0
Retail	78	116	1	1	7	18
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	116	78	1	1	18	7
Hotel	0	0	0	0	0	0
	194	194	2	2	25	25
% Reduction	10.3%		1.6%		14.3%	

EXTERNAL TRIPS

OUTPUT

Land Use	Daily		A.M. Peak Hour		P.M. Peak Hour	
	Enter	Exit	Enter	Exit	Enter	Exit
Office	0	0	0	0	0	0
Retail	501	463	28	18	61	50
Restaurant	0	0	0	0	0	0
Cinema/Entertainment	0	0	0	0	0	0
Residential	1,194	1,232	47	147	110	79
Hotel	0	0	0	0	0	0
	1,695	1,695	75	165	171	129

Appendix D:

Intersection Spreadsheets

INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	US 64 WB On-Ramp/N. Salem Street
N/S Street:	N. Salem Street/Davis Drive

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF =0.94

Description	US 64 WB On-Ramp Eastbound U-Turn	Left	Through	Right	N. Salem Street Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	Davis Drive Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	217	235	6	0	244	667	465	0	23	548	169
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	0	0	0	217	235	6	0	244	667	465	0	23	548	169
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	0	0	0	0	50	54	1	0	56	153	107	0	5	126	39
2032 Background Traffic	0	0	0	0	0	267	289	7	0	300	820	572	0	28	674	208
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	15%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(20%)	(15%)	(0%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	0	0	14	0	0	0	29	22	0	0	0	7	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(25%)	(0%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	3	0	0	0	2	5	0	0	0	7	0
Total Project Traffic	0	0	0	0	0	17	0	0	0	31	27	0	0	0	14	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	284	289	7	0	331	847	572	0	28	688	208
Approach Percent Impact	-				2.93%				3.31%				1.52%			
Overall Percent Impact	2.7%															

PM PEAK HOUR
PHF = 0.96

Description	US 64 WB On-Ramp Eastbound U-Turn	Left	Through	Right	N. Salem Street Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	Davis Drive Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	258	346	14	0	190	798	396	0	28	759	244
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	0	0	0	258	346	14	0	190	798	396	0	28	759	244
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	0	0	0	0	59	80	3	0	44	183	91	0	6	174	56
2032 Background Traffic	0	0	0	0	0	317	426	17	0	234	981	487	0	34	933	300
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%	0%	0%	0%	15%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(20%)	(15%)	(0%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	0	0	33	0	0	0	16	12	0	0	0	17	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	25%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(25%)	(0%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	5	0	0	0	4	10	0	0	0	13	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	0	0	0	0	38	0	0	0	20	22	0	0	0	30	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	355	426	17	0	254	1003	487	0	34	963	300
Approach Percent Impact	-				4.76%				2.41%				2.31%			
Overall Percent Impact	2.9%															

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	US 64 EB Ramps
N/S Street:	N. Salem Street

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate: 3.0% **Existing Year:** 2025
Growth Factor: 0.230 **Buildout Year:** 2032

AM PEAK HOUR
PHF = 0.88

Description	US 64 EB Ramps Eastbound U-Turn	Left	Through	Right	US 64 EB Ramps Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	672	1	307	0	0	0	0	0	0	709	99	0	177	598	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	672	1	307	0	0	0	0	0	0	709	99	0	177	598	0
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	154	0	71	0	0	0	0	0	0	163	23	0	41	137	0
2032 Background Traffic	0	826	1	378	0	0	0	0	0	0	872	122	0	218	735	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(35%)	(30%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	9	0	0	0	0	0	0	51	44	0	0	21	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	35%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(35%)	(10%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	3	0	0	0	0	0	0	6	2	0	0	9	0
Total Project Traffic	0	0	0	12	0	0	0	0	0	0	57	46	0	0	30	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	826	1	390	0	0	0	0	0	0	929	168	0	218	765	0
Approach Percent Impact	0.99%				-				9.39%				3.05%			
Overall Percent Impact	4.4%															

PM PEAK HOUR
PHF = 0.95

Description	US 64 EB Ramps Eastbound U-Turn	Left	Through	Right	US 64 EB Ramps Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	569	2	226	0	0	0	0	0	0	818	39	0	188	827	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	569	2	226	0	0	0	0	0	0	818	39	0	188	827	0
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	131	0	52	0	0	0	0	0	0	188	9	0	43	190	0
2032 Background Traffic	0	700	2	278	0	0	0	0	0	0	1006	48	0	231	1017	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	45%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(35%)	(30%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	22	0	0	0	0	0	0	28	24	0	0	50	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	35%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(35%)	(10%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	5	0	0	0	0	0	0	14	4	0	0	18	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	0	0	27	0	0	0	0	0	0	42	28	0	0	68	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	700	2	305	0	0	0	0	0	0	1048	76	0	231	1085	0
Approach Percent Impact	2.68%				-				6.23%				5.17%			
Overall Percent Impact	4.8%															

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	All Wheel Drive/Key Ring Drive
N/S Street:	N. Salem Street

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate: 3.0% **Existing Year:** 2025
Growth Factor: 0.230 **Buildout Year:** 2032

AM PEAK HOUR

Description	All Wheel Drive Eastbound U-Turn	Left	Through	Right	Key Ring Drive Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
Existing PHF	0.00	0.50	0.80	0.38	0.00	0.50	0.81	0.54	0.00	0.63	0.85	0.35	0.00	0.67	0.92	0.43
Background PHF	0.00	0.50	0.80	0.38	0.00	0.50	0.81	0.54	0.00	0.63	0.85	0.35	0.00	0.67	0.92	0.43
Build-out PHF	0.90	0.87	0.80	0.70	0.90	0.50	0.81	0.54	0.90	0.67	0.85	0.35	0.90	0.67	0.92	0.62
2025 Traffic Count	0	8	16	3	0	135	13	115	0	5	712	14	0	269	675	17
Count Balancing	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	8	16	3	0	136	13	115	0	5	712	14	0	269	675	17
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	164	0	0	0	155	0
2032 Background Traffic	0	8	16	3	0	136	13	115	0	5	876	14	0	269	830	17
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	25%
Percent Assignment Outbound	(0%)	(60%)	(0%)	(2%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	88	0	3	0	0	0	0	0	0	7	0	0	0	19	12
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%	0%
Percent Assignment Outbound	(0%)	(45%)	(0%)	(10%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	8	0	2	0	0	0	0	0	1	0	0	0	0	12	0
Total Project Traffic	0	96	0	5	0	0	0	0	0	1	7	0	0	0	31	12
Traffic Diversions	0	7	0	0	0	0	0	0	0	0	-7	0	0	0	0	0
2032 Buildout Total	0	111	16	8	0	136	13	115	0	6	876	14	0	269	861	29
Approach Percent Impact	74.81%				0.00%				0.89%				3.71%			
Overall Percent Impact	6.2%															

SCHOOL PM PEAK HOUR

Description	All Wheel Drive Eastbound U-Turn	Left	Through	Right	Key Ring Drive Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
Existing PHF	0.00	0.75	0.64	0.65	0.00	0.65	0.61	0.63	0.00	0.33	0.92	0.42	0.00	0.66	0.93	0.71
Background PHF	0.00	0.75	0.64	0.65	0.00	0.65	0.61	0.63	0.00	0.33	0.92	0.42	0.00	0.66	0.93	0.71
Build-out PHF	0.90	0.86	0.64	0.74	0.90	0.65	0.61	0.63	0.90	0.49	0.92	0.42	0.90	0.66	0.93	0.83
2025 Traffic Count	0	24	18	13	0	99	17	101	0	8	765	15	0	121	797	17
Count Balancing	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	24	18	13	0	106	17	101	0	8	765	15	0	121	797	17
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	176	0	0	0	183	0
2032 Background Traffic	0	24	18	13	0	106	17	101	0	8	941	15	0	121	980	17
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	25%
Percent Assignment Outbound	(0%)	(60%)	(0%)	(2%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	48	0	2	0	0	0	0	0	0	4	0	0	0	44	28
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%	0%
Percent Assignment Outbound	(0%)	(45%)	(0%)	(10%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	18	0	4	0	0	0	0	0	3	0	0	0	0	23	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-4	0
Pass-By Capture Assignment	0	2	0	1	0	0	0	0	0	0	0	0	0	0	3	1
Total Pass-By Traffic	0	2	0	1	0	0	0	0	0	0	-3	0	0	0	-1	1
Total Project Traffic	0	68	0	7	0	0	0	0	0	3	1	0	0	0	66	29
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	92	18	20	0	106	17	101	0	11	942	15	0	121	1046	46
Approach Percent Impact	57.69%				0.00%				0.41%				7.83%			
Overall Percent Impact	6.9%															

PM PEAK HOUR

PHF = 0.94

Description	All Wheel Drive Eastbound U-Turn	Left	Through	Right	Key Ring Drive Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	15	13	16	0	19	16	36	0	6	813	0	0	17	1023	5
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	15	13	16	0	19	16	36	0	6	813	0	0	17	1023	5
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	187	0	0	0	235	0
2032 Background Traffic	0	15	13	16	0	19	16	36	0	6	1000	0	0	17	1258	5
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	40%	25%
Percent Assignment Outbound	(0%)	(60%)	(0%)	(2%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	48	0	2	0	0	0	0	0	0	4	0	0	0	44	28
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%	0%
Percent Assignment Outbound	(0%)	(45%)	(0%)	(10%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	18	0	4	0	0	0	0	0	3	0	0	0	0	23	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-7	0
Pass-By Capture Assignment	0	4	0	2	0	0	0	0	0	0	0	0	0	0	5	2
Total Pass-By Traffic	0	4	0	2	0	0	0	0	0	0	-5	0	0	0	-2	2
Total Project Traffic	0	70	0	8	0	0	0	0	0	3	-1	0	0	0	65	30
Traffic Diversions	0	4	0	0	0	0	0	0	0	0	-4	0	0	0	0	0
2032 Buildout Total	0	89	13	24	0	19	16	36	0	9	995	0	0	17	1323	35
Approach Percent Impact	61.90%				0.00%				0.20%				6.91%			
Overall Percent Impact	6.8%															

INTERSECTION ANALYSIS SHEET

			AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Project:	Good Acres (N. Salem St.)	**Res. New Trips:**	47	146	68	57	111	80
Location:	Apex, NC	**Non-Res. New Trips:**	27	18	29	23	50	41
Ct. Date	10/21/2025	**Pass-By Trips:**	0	0	7	6	12	10
E/W Street:	Thales Inbound Driveway	**Annual Growth Rate:**	3.0%		**Existing Year:**		2025	
N/S Street:	N. Salem Street	**Growth Factor:**	0.230		**Buildout Year:**		2032	

AM PEAK HOUR

Description	Eastbound U-Turn	Eastbound Left	Eastbound Through	Eastbound Right	Thales Inbound Driveway Westbound U-Turn	Westbound Left	Westbound Through	Westbound Right	N. Salem Street Northbound U-Turn	Northbound Left	Northbound Through	Northbound Right	N. Salem Street Southbound U-Turn	Southbound Left	Southbound Through	Southbound Right
Existing PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.51	0.00	0.57	0.92	0.00
Background PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.51	0.00	0.57	0.92	0.00
Build-out PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.84	0.51	0.90	0.57	0.92	0.90
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	729	183	0	165	637	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	729	183	0	165	638	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	168	0	0	0	147	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	897	183	0	165	785	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	7	0	0	0	17	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	8	0	0	0	19	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-7	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	898	183	0	165	804	0
Approach Percent Impact	-				-				0.74%				1.96%			
Overall Percent Impact	1.3%															

SCHOOL PM PEAK HOUR

Description	Eastbound U-Turn	Eastbound Left	Eastbound Through	Eastbound Right	Thales Inbound Driveway Westbound U-Turn	Westbound Left	Westbound Through	Westbound Right	N. Salem Street Northbound U-Turn	Northbound Left	Northbound Through	Northbound Right	N. Salem Street Southbound U-Turn	Southbound Left	Southbound Through	Southbound Right
Existing PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.50	0.00	0.62	0.92	0.00
Background PHF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.50	0.00	0.62	0.92	0.00
Build-out PHF	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.50	0.90	0.62	0.92	0.90
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	783	125	0	67	842	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	783	125	0	67	849	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	180	0	0	0	195	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	963	125	0	67	1044	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	35	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-4	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-3	0
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	36	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	967	125	0	67	1080	0
Approach Percent Impact	-				-				0.37%				3.14%			
Overall Percent Impact	1.8%															

PM PEAK HOUR

PHF = 0.95

Description	Eastbound U-Turn	Eastbound Left	Eastbound Through	Eastbound Right	Thales Inbound Driveway Westbound U-Turn	Westbound Left	Westbound Through	Westbound Right	N. Salem Street Northbound U-Turn	Northbound Left	Northbound Through	Northbound Right	N. Salem Street Southbound U-Turn	Southbound Left	Southbound Through	Southbound Right
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	820	7	0	4	1053	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	820	7	0	4	1053	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	188	0	0	0	242	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	1008	7	0	4	1295	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	35	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-7	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-5	0
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	2	0	0	0	34	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-4	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	1006	7	0	4	1329	0
Approach Percent Impact	-				-				0.20%				2.55%			
Overall Percent Impact	1.5%															

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INTERSECTION ANALYSIS SHEET

			AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Project:	Good Acres (N. Salem St.)	**Res. New Trips:**	47	146	68	57	111	80
Location:	Apex, NC	**Non-Res. New Trips:**	27	18	29	23	50	41
Ct. Date	10/21/2025	**Pass-By Trips:**	0	0	7	6	12	10
E/W Street:	South Site Drive (LI/RI/RO)/Thales Outbound Drwy.	**Annual Growth Rate:**	3.0%		**Existing Year:**		2025	
N/S Street:	N. Salem Street	**Growth Factor:**	0.230		**Buildout Year:**		2032	

AM PEAK HOUR

Description	South Site Drive (LI/RI/RO) Eastbound U-Turn	Left	Through	Right	Thales Outbound Drwy. Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
Existing PHF	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.55	0.00	0.00	0.86	0.00	0.00	0.00	0.92	0.00
Background PHF	0.00	0.00	0.00	0.00	0.00	0.25	0.00	0.55	0.00	0.00	0.86	0.00	0.00	0.00	0.92	0.00
Build-out PHF	0.90	0.90	0.90	0.90	0.90	0.25	0.90	0.55	0.90	0.90	0.86	0.90	0.90	0.90	0.92	0.90
2025 Traffic Count	0	0	0	0	0	1	0	237	0	0	673	0	0	0	637	0
Thales WBL Reassignment	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	1	0
2025 Existing Traffic	0	0	0	0	0	0	0	237	0	0	673	0	0	0	638	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	155	0	0	0	147	0
2032 Background Traffic	0	0	0	0	0	0	0	237	0	0	828	0	0	0	785	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	30%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	29	0	0	0	0	0	9	7	0	0	0	3	14
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	4	0	0	0	0	0	7	1	0	0	0	2	0
Total Project Traffic	0	0	0	33	0	0	0	0	0	16	8	0	0	0	5	14
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-7	0	0	0	0	0
2032 Buildout Total	0	0	0	33	0	0	0	237	0	16	829	0	0	0	790	14
Approach Percent Impact	100.00%				0.00%				2.84%				2.36%			
Overall Percent Impact	4.0%															

SCHOOL PM PEAK HOUR

Description	South Site Drive (LI/RI/RO) Eastbound U-Turn	Left	Through	Right	Thales Outbound Drwy. Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
Existing PHF	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.59	0.00	0.00	0.79	0.00	0.00	0.00	0.92	0.00
Background PHF	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.59	0.00	0.00	0.79	0.00	0.00	0.00	0.92	0.00
Build-out PHF	0.90	0.90	0.90	0.90	0.90	0.44	0.90	0.59	0.90	0.90	0.79	0.90	0.90	0.90	0.92	0.90
2025 Traffic Count	0	0	0	0	0	7	0	216	0	0	694	0	0	0	830	0
Thales WBL Reassignment	0	0	0	0	0	-7	0	0	0	0	0	0	0	0	7	0
2025 Existing Traffic	0	0	0	0	0	0	0	216	0	0	694	0	0	0	837	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	160	0	0	0	192	0
2032 Background Traffic	0	0	0	0	0	0	0	216	0	0	854	0	0	0	1029	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	30%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	16	0	0	0	0	0	22	4	0	0	0	2	33
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	8	0	0	0	0	0	13	3	0	0	0	4	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-4	0
Pass-By Capture Assignment	0	0	0	2	0	0	0	0	0	3	0	0	0	0	1	0
Total Pass-By Traffic	0	0	0	2	0	0	0	0	0	3	-3	0	0	0	-3	0
Total Project Traffic	0	0	0	26	0	0	0	0	0	38	4	0	0	0	3	33
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	0	0	26	0	0	0	216	0	38	858	0	0	0	1032	33
Approach Percent Impact	100.00%				0.00%				4.69%				3.38%			
Overall Percent Impact	4.7%															

PM PEAK HOUR

PHF = 0.95

Description	South Site Drive (LI/RI/RO) Eastbound U-Turn	Left	Through	Right	Thales Outbound Drwy. Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	0	0	14	0	0	813	0	0	0	1054	0
Thales WBL Reassignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	0	0	0	0	0	14	0	0	813	0	0	0	1054	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	187	0	0	0	242	0
2032 Background Traffic	0	0	0	0	0	0	0	14	0	0	1000	0	0	0	1296	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	30%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	16	0	0	0	0	0	22	4	0	0	0	2	33
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	25%	5%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(20%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	8	0	0	0	0	0	13	3	0	0	0	4	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-7	0
Pass-By Capture Assignment	0	0	0	4	0	0	0	0	0	5	0	0	0	0	2	0
Total Pass-By Traffic	0	0	0	4	0	0	0	0	0	5	-5	0	0	0	-5	0
Total Project Traffic	0	0	0	28	0	0	0	0	0	40	2	0	0	0	1	33
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-4	0	0	0	0	0
2032 Buildout Total	0	0	0	28	0	0	0	14	0	40	998	0	0	0	1297	33
Approach Percent Impact	100.00%				0.00%				4.05%				2.56%			
Overall Percent Impact	4.3%															

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	Brittley Way
N/S Street:	N. Salem Street

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF =0.96

Description	Brittley Way Eastbound U-Turn	Left	Through	Right	- Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	26	0	23	0	0	0	0	0	7	700	0	0	0	629	24
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	26	0	23	0	0	0	0	0	7	700	0	0	0	629	24
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	161	0	0	0	145	0
2032 Background Traffic	0	26	0	23	0	0	0	0	0	7	861	0	0	0	774	24
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	20%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(5%)	(0%)	(3%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(22%)	(0%)
Residential Project Traffic	0	7	0	4	0	0	0	0	0	2	9	0	0	0	32	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(30%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	8	0	0	0	5	0
Total Project Traffic	0	7	0	4	0	0	0	0	0	2	17	0	0	0	37	0
Traffic Diversions	0	-7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	26	0	27	0	0	0	0	0	9	878	0	0	0	811	24
Approach Percent Impact	20.75%				-				2.14%				4.43%			
Overall Percent Impact	3.8%															

PM PEAK HOUR
PHF = 0.95

Description	Brittley Way Eastbound U-Turn	Left	Through	Right	- Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	15	0	21	0	0	0	0	0	23	799	0	0	0	992	61
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	15	0	21	0	0	0	0	0	23	799	0	0	0	992	61
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	184	0	0	0	228	0
2032 Background Traffic	0	15	0	21	0	0	0	0	0	23	983	0	0	0	1220	61
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	20%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(5%)	(0%)	(3%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(22%)	(0%)
Residential Project Traffic	0	4	0	2	0	0	0	0	0	6	22	0	0	0	18	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(30%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	15	0	0	0	12	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	4	0	2	0	0	0	0	0	6	37	0	0	0	30	0
Traffic Diversions	0	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	15	0	23	0	0	0	0	0	29	1020	0	0	0	1250	61
Approach Percent Impact	15.79%				-				4.10%				2.29%			
Overall Percent Impact	3.3%															

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	Apex Peakway
N/S Street:	N. Salem Street

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF =0.95

Description	Apex Peakway Eastbound U-Turn	Left	Through	Right	Apex Peakway Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	115	226	41	0	18	142	291	0	12	293	17	0	266	309	79
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	115	226	41	0	18	142	291	0	12	293	17	0	266	309	79
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	26	52	9	0	4	33	67	0	3	67	4	0	61	71	18
2032 Background Traffic	0	141	278	50	0	22	175	358	0	15	360	21	0	327	380	97
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	15%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(15%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	5	0	0	7	0	0	15	22	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%	15%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(15%)	(15%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	4	0	0	4	0	0	3	3	0
Total Project Traffic	0	0	0	0	0	0	0	9	0	0	11	0	0	18	25	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	141	278	50	0	22	175	367	0	15	371	21	0	345	405	97
Approach Percent Impact	0.00%				1.60%				2.70%				5.08%			
Overall Percent Impact	2.8%															

PM PEAK HOUR
PHF = 0.96

Description	Apex Peakway Eastbound U-Turn	Left	Through	Right	Apex Peakway Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	107	291	36	0	24	265	389	0	19	332	27	0	343	494	185
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	107	291	36	0	24	265	389	0	19	332	27	0	343	494	185
Growth Factor (0.03 per year)	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
2032 Background Growth	0	25	67	8	0	6	61	89	0	4	76	6	0	79	114	43
2032 Background Traffic	0	132	358	44	0	30	326	478	0	23	408	33	0	422	608	228
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	10%	0%	0%	15%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(15%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	11	0	0	17	0	0	8	12	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	15%	0%	0%	15%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(15%)	(15%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	8	0	0	8	0	0	6	6	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	0	0	0	0	0	0	19	0	0	25	0	0	14	18	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	132	358	44	0	30	326	497	0	23	433	33	0	436	626	228
Approach Percent Impact	0.00%				2.23%				5.11%				2.48%			
Overall Percent Impact	2.4%															

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INTERSECTION ANALYSIS SHEET

Project:	**Good Acres (N. Salem St.)**
Location:	**Apex, NC**
Ct. Date	**10/21/2025**
E/W Street:	**Apex Peakway**
N/S Street:	**Brittley Way**

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF =0.92

Description	Apex Peakway Eastbound U-Turn	Left	Through	Right	Apex Peakway Westbound U-Turn	Left	Through	Right	Brittley Way Northbound U-Turn	Left	Through	Right	Brittley Way Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	15	305	3	0	7	249	70	0	8	3	8	0	59	3	28
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	15	305	3	0	7	249	70	0	8	3	8	0	59	3	28
Growth Factor (0.03 per year)	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	70	0	0	0	57	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	15	375	3	0	7	306	70	0	8	3	8	0	59	3	28
Project Traffic																
Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)
Residential Project Traffic	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Non-Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)
Non-Residential Project Traffic	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Project Traffic	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	17
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	23	375	3	0	7	306	70	0	8	3	8	0	59	3	45
Approach Percent Impact	2.00%				0.00%				0.00%				15.89%			
Overall Percent Impact	2.7%															

PM PEAK HOUR
PHF = 0.94

Description	Apex Peakway Eastbound U-Turn	Left	Through	Right	Apex Peakway Westbound U-Turn	Left	Through	Right	Brittley Way Northbound U-Turn	Left	Through	Right	Brittley Way Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	18	416	3	0	3	449	51	0	2	0	6	0	24	1	31
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	18	416	3	0	3	449	51	0	2	0	6	0	24	1	31
Growth Factor (0.03 per year)	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	96	0	0	0	103	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	18	512	3	0	3	552	51	0	2	0	6	0	24	1	31
Project Traffic																
Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)
Residential Project Traffic	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Non-Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)
Non-Residential Project Traffic	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	12
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	34	512	3	0	3	552	51	0	2	0	6	0	24	1	43
Approach Percent Impact	2.91%				0.00%				0.00%				17.65%			
Overall Percent Impact	2.3%															

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INTERSECTION ANALYSIS SHEET

Project:	**Good Acres (N. Salem St.)**
Location:	**Apex, NC**
Ct. Date	**10/21/2025**
E/W Street:	**Brittley Way**
N/S Street:	**Frenchurch Way/Site Drive**

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF =0.77

Description	Brittley Way Eastbound U-Turn	Left	Through	Right	Brittley Way Westbound U-Turn	Left	Through	Right	Frenchurch Way Northbound U-Turn	Left	Through	Right	Site Drive Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	37	0	0	5	58	0	0	0	0	7	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	37	0	0	5	58	0	0	0	0	7	0	0	0	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	0	37	0	0	5	58	0	0	0	0	7	0	0	0	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(8%)	(0%)	(10%)
Residential Project Traffic	0	5	0	0	0	0	0	2	0	0	0	0	0	12	0	15
Non-Residential																
Percent Assignment Inbound	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(25%)
Non-Residential Project Traffic	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Total Project Traffic	0	12	0	0	0	0	0	2	0	0	0	0	0	12	0	20
Traffic Diversions	0	7	-7	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	19	30	0	0	5	58	2	0	0	0	7	0	12	0	20
Approach Percent Impact	24.49%				3.08%				0.00%				100.00%			

Overall Percent Impact 30.1%

PM PEAK HOUR
PHF = 0.77

Description	Brittley Way Eastbound U-Turn	Left	Through	Right	Brittley Way Westbound U-Turn	Left	Through	Right	Frenchurch Way Northbound U-Turn	Left	Through	Right	Site Drive Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	23	3	0	14	67	0	0	1	0	9	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	0	23	3	0	14	67	0	0	1	0	9	0	0	0	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	0	23	3	0	14	67	0	0	1	0	9	0	0	0	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	10%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(8%)	(0%)	(10%)
Residential Project Traffic	0	11	0	0	0	0	0	6	0	0	0	0	0	6	0	8
Non-Residential																
Percent Assignment Inbound	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(25%)
Non-Residential Project Traffic	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	24	0	0	0	0	0	6	0	0	0	0	0	6	0	18
Traffic Diversions	0	4	-4	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	28	19	3	0	14	67	6	0	1	0	9	0	6	0	18
Approach Percent Impact	48.00%				6.90%				0.00%				100.00%			

Overall Percent Impact 31.6%

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	All Wheel Drive
N/S Street:	Site Drive/Crossroads Ford Drwy.

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate:	3.0%	**Existing Year:**	2025
Growth Factor:	0.230	**Buildout Year:**	2032

AM PEAK HOUR
PHF = 0.67

Description	All Wheel Drive Eastbound U-Turn	Left	Through	Right	All Wheel Drive Westbound U-Turn	Left	Through	Right	Site Drive Northbound U-Turn	Left	Through	Right	Crossroads Ford Drwy. Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	1	11	0	0	0	10	11	0	0	0	0	0	7	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	1	11	0	0	0	10	11	0	0	0	0	0	7	0	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	1	11	0	0	0	10	11	0	0	0	0	0	7	0	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(62%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	0	0	12	0	0	0	0	0	91	0	0	0	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(55%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	1	0	0	0	0	0	10	0	0	0	0
Total External Site Traffic	0	0	0	0	0	13	0	0	0	0	0	101	0	0	0	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Project Traffic	0	0	0	0	0	13	0	0	0	0	0	101	0	0	0	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
2032 Buildout Total	0	1	11	0	0	13	10	11	0	0	0	108	0	7	0	0
Approach Percent Impact	0.00%				38.24%				93.52%				0.00%			
Overall Percent Impact	70.8%															

PM PEAK HOUR
PHF = 0.52

Description	All Wheel Drive Eastbound U-Turn	Left	Through	Right	All Wheel Drive Westbound U-Turn	Left	Through	Right	Site Drive Northbound U-Turn	Left	Through	Right	Crossroads Ford Drwy. Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	1	3	0	0	0	4	9	0	0	0	0	0	6	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2025 Existing Traffic	0	1	3	0	0	0	4	9	0	0	0	0	0	6	0	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Background Traffic	0	1	3	0	0	0	4	9	0	0	0	0	0	6	0	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	25%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(62%)	(0%)	(0%)	(0%)	(0%)
Residential Project Traffic	0	0	0	0	0	28	0	0	0	0	0	50	0	0	0	0
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(55%)	(0%)	(0%)	(0%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	3	0	0	0	0	0	23	0	0	0	0
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pass-By Capture Assignment	0	0	0	0	0	2	0	0	0	0	0	6	0	0	0	0
Total Pass-By Traffic	0	0	0	0	0	2	0	0	0	0	0	6	0	0	0	0
Total Project Traffic	0	0	0	0	0	33	0	0	0	0	0	79	0	0	0	0
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
2032 Buildout Total	0	1	3	0	0	33	4	9	0	0	0	83	0	6	0	0
Approach Percent Impact	0.00%				71.74%				95.18%				0.00%			
Overall Percent Impact	80.6%															

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INTERSECTION ANALYSIS SHEET

Project:	Good Acres (N. Salem St.)
Location:	Apex, NC
Ct. Date	10/21/2025
E/W Street:	North Site Drive (RI)
N/S Street:	N. Salem Street

	AM In	AM Out	School PM In	School PM Out	PM In	PM Out
Res. New Trips:	47	146	68	57	111	80
Non-Res. New Trips:	27	18	29	23	50	41
Pass-By Trips:	0	0	7	6	12	10

Annual Growth Rate: 3.0% **Existing Year:** 2025
Growth Factor: 0.230 **Buildout Year:** 2032

AM PEAK HOUR
PHF =

Description	North Site Drive (RI) Eastbound U-Turn	Left	Through	Right	Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	731	0	0	0	814	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	731	0	0	0	814	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	168	0	0	0	187	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	899	0	0	0	1001	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	10%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	7	0	0	0	17	5
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	12
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	8	0	0	0	19	17
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-7	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	900	0	0	0	1020	17
Approach Percent Impact	-				-				0.89%				3.47%			
Overall Percent Impact	2.3%															

SCHOOL PM PEAK HOUR
PHF =

Description	North Site Drive (RI) Eastbound U-Turn	Left	Through	Right	0 Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	788	0	0	0	916	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	788	0	0	0	916	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	181	0	0	0	211	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	969	0	0	0	1127	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	10%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	35	11
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	23
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-4	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	-3	0	0	0	-3	3
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	36	37
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	-4	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	969	0	0	0	1163	37
Approach Percent Impact	-				-				0.41%				6.08%			
Overall Percent Impact	3.6%															

PM PEAK HOUR
PHF =

Description	North Site Drive (RI) Eastbound U-Turn	Left	Through	Right	Westbound U-Turn	Left	Through	Right	N. Salem Street Northbound U-Turn	Left	Through	Right	N. Salem Street Southbound U-Turn	Left	Through	Right
2025 Traffic Count	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count Balancing	0	0	0	0	0	0	0	0	0	0	819	0	0	0	1058	0
2025 Existing Traffic	0	0	0	0	0	0	0	0	0	0	819	0	0	0	1058	0
Growth Factor (0.03 per year)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.230	0.000	0.000	0.000	0.230	0.000
2032 Background Growth	0	0	0	0	0	0	0	0	0	0	188	0	0	0	243	0
2032 Background Traffic	0	0	0	0	0	0	0	0	0	0	1007	0	0	0	1301	0
Project Traffic																
Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	30%	10%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(5%)	(0%)	(0%)	(0%)	(2%)	(0%)
Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	4	0	0	0	35	11
Non-Residential																
Percent Assignment Inbound	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	45%
Percent Assignment Outbound	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(0%)	(10%)	(0%)
Non-Residential Project Traffic	0	0	0	0	0	0	0	0	0	0	3	0	0	0	4	23
Pass-By Capture Reduction	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-7	0
Pass-By Capture Assignment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
Total Pass-By Traffic	0	0	0	0	0	0	0	0	0	0	-5	0	0	0	-5	5
Total Project Traffic	0	0	0	0	0	0	0	0	0	0	2	0	0	0	34	39
Traffic Diversions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2032 Buildout Total	0	0	0	0	0	0	0	0	0	0	1009	0	0	0	1335	39
Approach Percent Impact	-				-				0.20%				5.31%			
Overall Percent Impact	3.1%															

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Appendix E:
Synchro & SimTraffic Output:
Existing (2025)

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	217	235	6	244	667	465	23	548	169
Future Volume (vph)	0	0	0	217	235	6	244	667	465	23	548	169
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1673	1754	1576	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.996		0.349			0.359		
Satd. Flow (perm)	0	0	0	1673	1754	1576	653	3557	1591	665	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						180
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.92	0.90	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	3%	3%	3%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	208	273	6	260	710	495	24	583	180
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				25.0	25.0	25.0			25.0		45.0	45.0
Total Split (%)				21.7%	21.7%	21.7%			21.7%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				19.4	19.4	19.4	68.1	74.7	104.6	74.7	30.1	30.1
Actuated g/C Ratio				0.19	0.19	0.19	0.65	0.71	1.00	0.71	0.29	0.29
v/c Ratio				0.67	0.84	0.01	0.31	0.28	0.31	0.05	0.40	0.31
Control Delay (s/veh)				53.3	65.9	0.0	2.5	1.2	0.4	4.7	30.4	5.4
Queue Delay				0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0
Total Delay (s/veh)				53.3	65.9	0.0	2.8	1.4	0.4	4.7	30.4	5.4

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				D	E	A	A	A	A	A	C	A
Approach Delay (s/veh)					59.7			1.3			23.9	
Approach LOS					E			A			C	
Queue Length 50th (ft)				140	190	0	8	11	0	4	117	0
Queue Length 95th (ft)				#268	#383	0	m10	m12	m0	12	150	48
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				322	338	414	850	2819	1585	527	1950	717
Starvation Cap Reductn				0	0	0	214	1198	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				0.65	0.81	0.01	0.41	0.44	0.31	0.05	0.30	0.25

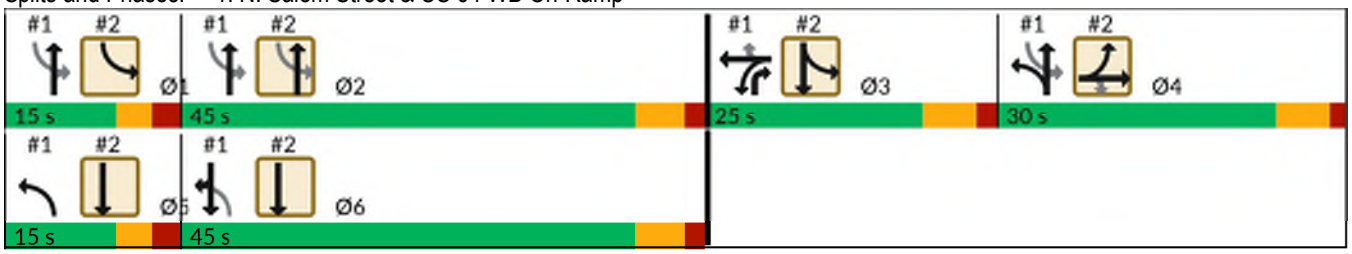
Intersection Summary

Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 104.6
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay (s/veh): 18.2 Intersection LOS: B
Intersection Capacity Utilization 49.8% ICU Level of Service A
Analysis Period (min) 15
Description: 05-1408

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	672	4	307	0	0	0	0	709	99	177	598	0
Future Volume (vph)	672	4	307	0	0	0	0	709	99	177	598	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	4994	0	1770	3539	0
Flt Permitted	0.950	0.953								0.177		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	4994	0	330	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			300					24				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	382	387	349	0	0	0	0	919	0	201	680	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	30.0	30.0	30.0					45.0				
Total Split (%)	26.1%	26.1%	26.1%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	25.2	25.2	25.2					30.5		58.0	68.1	
Actuated g/C Ratio	0.24	0.24	0.24					0.29		0.55	0.65	
v/c Ratio	0.94	0.95	0.57					0.62		0.35	0.30	
Control Delay (s/veh)	74.2	76.1	11.4					32.9		13.6	3.2	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	74.2	76.1	11.4					32.9		13.6	3.3	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	E	E	B					C		B	A	
Approach Delay (s/veh)		55.3						32.9			5.7	
Approach LOS		E						C			A	
Queue Length 50th (ft)	270	275	26					195		43	14	
Queue Length 95th (ft)	#514	#522	114					232		m93	45	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	405	406	609					1940		593	2265	
Starvation Cap Reductn	0	0	0					0		0	555	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	0.94	0.95	0.57					0.47		0.34	0.40	

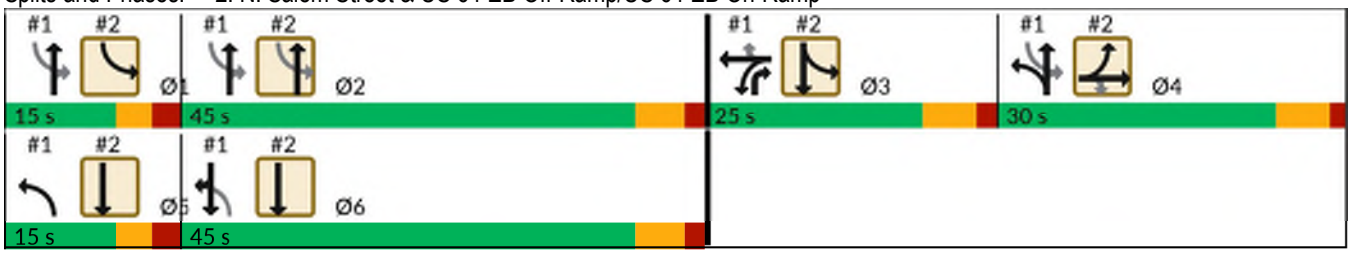
Intersection Summary

Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 104.6
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay (s/veh): 33.3 Intersection LOS: C
Intersection Capacity Utilization 57.3% ICU Level of Service B
Analysis Period (min) 15
Description: 05-1408

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



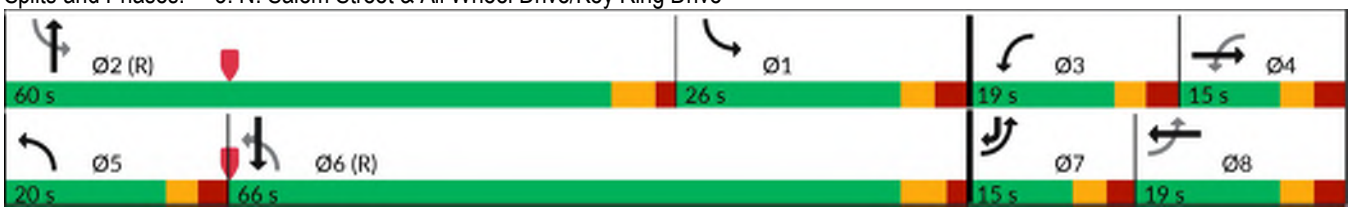
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	8	16	4	136	13	115	5	712	14	269	675	17
Future Volume (vph)	8	16	4	136	13	115	5	712	14	269	675	17
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1710	1704	0	1734	1570	0	1787	3550	0	1787	1881	1599
Flt Permitted	0.282			0.755			0.264			0.216		
Satd. Flow (perm)	507	1704	0	1378	1570	0	497	3550	0	406	1881	1599
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		11			213			5				77
Link Speed (mph)		15			25			25			35	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			12.7			16.6	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.50	0.80	0.38	0.50	0.81	0.54	0.63	0.85	0.35	0.67	0.92	0.43
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	4%	4%	4%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	16	31	0	272	229	0	8	878	0	401	734	40
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		19.0	19.0		20.0	60.0		26.0	66.0	15.0
Total Split (%)	12.5%	12.5%		15.8%	15.8%		16.7%	50.0%		21.7%	55.0%	12.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	19.3	8.2		20.3	13.4		85.7	60.7		81.7	84.2	96.6
Actuated g/C Ratio	0.16	0.07		0.17	0.11		0.71	0.51		0.68	0.70	0.81
v/c Ratio	0.10	0.24		0.98	0.63		0.02	0.49		0.78	0.56	0.03
Control Delay (s/veh)	37.9	43.2		95.3	16.5		6.2	21.3		36.6	12.7	0.2
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.4	0.0
Total Delay (s/veh)	37.9	43.2		95.3	16.5		6.2	21.3		36.6	13.1	0.2

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		F	B		A	C		D	B	A
Approach Delay (s/veh)		41.4			59.3			21.2			20.7	
Approach LOS		D			E			C			C	
Queue Length 50th (ft)	10	15		198	11		2	245		113	263	0
Queue Length 95th (ft)	16	42		145	61		5	289		114	527	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	190	152		278	378		520	1797		517	1319	1334
Starvation Cap Reductn	0	0		0	0		0	0		0	188	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.08	0.20		0.98	0.61		0.02	0.49		0.78	0.65	0.03

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 95
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.98
Intersection Signal Delay (s/veh): 28.6 Intersection LOS: C
Intersection Capacity Utilization 68.1% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1989

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	729	183	165	638
Future Volume (vph)	0	0	729	183	165	638
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		4.4			12.7
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.84	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	868	366	330	693
Sign Control	Stop		Free			Free

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 54.2%	ICU Level of Service A
Analysis Period (min) 15	

4: N. Salem Street & Thales Inbound Driveway Performance by movement

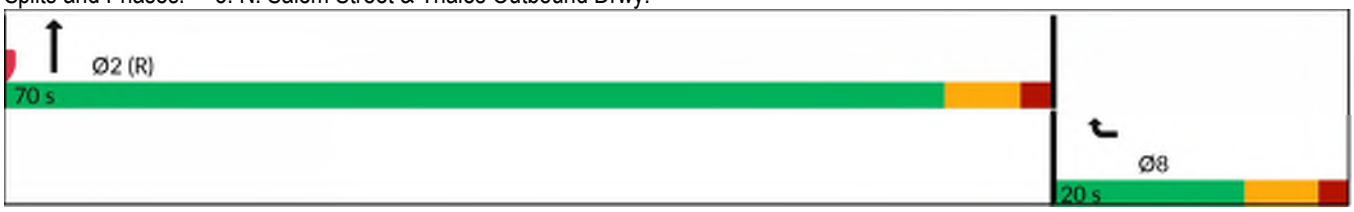
Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.7	1.8	9.8	1.1	2.0

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	237	673	0	0	0
Future Volume (vph)	0	237	673	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1845	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1845	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		266				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.25	0.50	0.86	0.86	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	3%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	474	783	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		0.97	0.59			
Control Delay (s/veh)		51.5	8.3			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		51.5	8.3			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		D	A			
Approach Delay (s/veh)	51.5		8.3			
Approach LOS	D		A			
Queue Length 50th (ft)		128	184			
Queue Length 95th (ft)		44	250			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		490	1332			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		0.97	0.59			

Intersection Summary	
Area Type:	Other
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 60	
Control Type: Pretimed	
Maximum v/c Ratio: 0.97	
Intersection Signal Delay (s/veh): 24.6	Intersection LOS: C
Intersection Capacity Utilization 58.4%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	26	23	7	700	629	24
Future Volume (vph)	26	23	7	700	629	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1634	0	1736	1827	1818	0
Flt Permitted	0.974		0.950			
Satd. Flow (perm)	1634	0	1736	1827	1818	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			27.6	10.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	6%	6%	4%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	51	0	7	729	680	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 46.8%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	26	23	7	700	629	24
Future Vol, veh/h	26	23	7	700	629	24
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	6	6	4	4	4	4
Mvmt Flow	27	24	7	729	655	25

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1411	668	680	0	-	0
Stage 1	668	-	-	-	-	-
Stage 2	744	-	-	-	-	-
Critical Hdwy	6.46	6.26	4.14	-	-	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	2.236	-	-	-
Pot Cap-1 Maneuver	149	451	903	-	-	-
Stage 1	502	-	-	-	-	-
Stage 2	463	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	148	451	903	-	-	-
Mov Cap-2 Maneuver	286	-	-	-	-	-
Stage 1	498	-	-	-	-	-
Stage 2	463	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	17.21	0.09	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	903	-	346	-	-
HCM Lane V/C Ratio	0.008	-	0.148	-	-
HCM Ctrl Dly (s/v)	9	-	17.2	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0	-	0.5	-	-

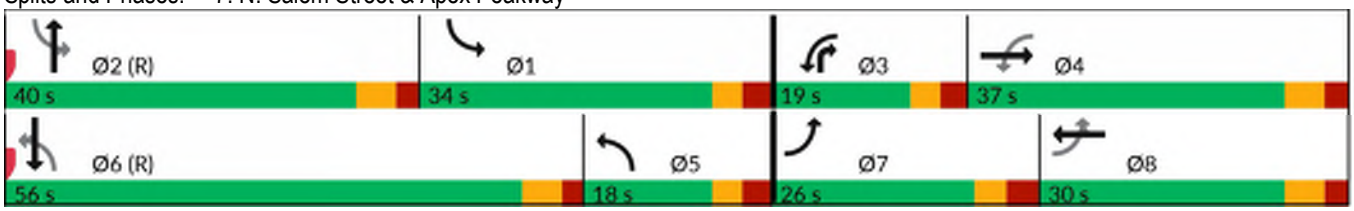
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	115	226	41	18	142	291	12	293	17	266	309	79
Future Volume (vph)	115	226	41	18	142	291	12	293	17	266	309	79
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1802	0	1718	1809	1537	1761	1854	1576	1727	1818	1545
Flt Permitted	0.501			0.290			0.508			0.472		
Satd. Flow (perm)	918	1802	0	525	1809	1493	940	1854	1576	858	1818	1510
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		7				306			174			170
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	3					3	1					1
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	4%	4%	4%	3%	3%	3%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	121	281	0	19	149	306	13	308	18	280	325	83
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	26.0	37.0		19.0	30.0	30.0	18.0	40.0	19.0	34.0	56.0	56.0
Total Split (%)	20.0%	28.5%		14.6%	23.1%	23.1%	13.8%	30.8%	14.6%	26.2%	43.1%	43.1%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag	Lag	Lag	Lead	Lead	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	30.6	28.1		32.6	18.1	18.1	87.0	62.8	70.2	79.4	79.4	79.4
Actuated g/C Ratio	0.24	0.22		0.25	0.14	0.14	0.67	0.48	0.54	0.61	0.61	0.61
v/c Ratio	0.41	0.71		0.10	0.59	0.65	0.02	0.34	0.02	0.44	0.29	0.08
Control Delay (s/veh)	39.2	56.4		31.7	61.3	12.0	10.3	25.5	0.1	16.9	15.7	0.2
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	39.2	56.4		31.7	61.3	12.0	10.3	25.5	0.1	16.9	15.7	0.2

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	B	B	C	A	B	B	A
Approach Delay (s/veh)		51.2			28.3			23.6			14.3	
Approach LOS		D			C			C			B	
Queue Length 50th (ft)	79	226		12	121	0	3	160	0	100	118	0
Queue Length 95th (ft)	121	306		30	188	86	14	296	0	175	253	0
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	385	451		272	347	534	750	895	1001	799	1110	988
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.31	0.62		0.07	0.43	0.57	0.02	0.34	0.02	0.35	0.29	0.08

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 2 (2%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 85
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.71
Intersection Signal Delay (s/veh): 27.2 Intersection LOS: C
Intersection Capacity Utilization 67.0% ICU Level of Service C
Analysis Period (min) 15
Description: 05-2347

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	305	4	7	249	70	8	4	8	59	4	28
Future Volume (vph)	15	305	4	7	249	70	8	4	8	59	4	28
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1855	0	0	1807	0	0	1676	0	0	1729	0
Flt Permitted		0.998			0.999			0.980			0.968	
Satd. Flow (perm)	0	1855	0	0	1807	0	0	1676	0	0	1729	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	5					5						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	5%	5%	5%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	352	0	0	355	0	0	22	0	0	98	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 39.0%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	2.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	305	4	7	249	70	8	4	8	59	4	28
Future Vol, veh/h	15	305	4	7	249	70	8	4	8	59	4	28
Conflicting Peds, #/hr	5	0	0	0	0	5	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	5	5	5	2	2	2
Mvmt Flow	16	332	4	8	271	76	9	4	9	64	4	30

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	352	0	0	336	0	0	654	733	334	695	697	314
Stage 1	-	-	-	-	-	-	366	366	-	329	329	-
Stage 2	-	-	-	-	-	-	288	367	-	366	368	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.15	6.55	6.25	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.545	4.045	3.345	3.518	4.018	3.318
Pot Cap-1 Maneuver	1207	-	-	1223	-	-	376	344	701	357	365	727
Stage 1	-	-	-	-	-	-	647	617	-	684	646	-
Stage 2	-	-	-	-	-	-	713	617	-	653	621	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1201	-	-	1223	-	-	347	334	701	338	354	723
Mov Cap-2 Maneuver	-	-	-	-	-	-	347	334	-	338	354	-
Stage 1	-	-	-	-	-	-	636	607	-	676	638	-
Stage 2	-	-	-	-	-	-	673	609	-	630	611	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.37	0.17	13.8	16.75
HCM LOS			B	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	431	83	-	-	37	-	-	405
HCM Lane V/C Ratio	0.05	0.014	-	-	0.006	-	-	0.244
HCM Ctrl Dly (s/v)	13.8	8	0	-	8	0	-	16.7
HCM Lane LOS	B	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	0.2	0	-	-	0	-	-	0.9

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	37	4	5	58	4	7
Future Volume (vph)	37	4	5	58	4	7
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Satd. Flow (prot)	1821	0	0	1855	1670	0
Flt Permitted				0.996	0.982	
Satd. Flow (perm)	1821	0	0	1855	1670	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1160			1132	467	
Travel Time (s)	31.6			30.9	12.7	
Confl. Peds. (#/hr)		10	10		2	
Confl. Bikes (#/hr)						
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	3%	3%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	53	0	0	81	14	0
Sign Control	Stop			Stop	Stop	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 17.2%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	37	4	5	58	4	7
Future Vol, veh/h	37	4	5	58	4	7
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	3	2	2	2	2
Mvmt Flow	48	5	6	75	5	9
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay, s/veh	7.2	7.4	7
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	36%	0%	8%
Vol Thru, %	0%	90%	92%
Vol Right, %	64%	10%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	11	41	63
LT Vol	4	0	5
Through Vol	0	37	58
RT Vol	7	4	0
Lane Flow Rate	14	53	82
Geometry Grp	1	1	1
Degree of Util (X)	0.015	0.059	0.091
Departure Headway (Hd)	3.856	3.979	4.015
Convergence, Y/N	Yes	Yes	Yes
Cap	920	901	895
Service Time	1.914	1.998	2.029
HCM Lane V/C Ratio	0.015	0.059	0.092
HCM Control Delay, s/veh	7	7.2	7.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.2	0.3

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	4	11	10	11	7	4
Future Volume (vph)	4	11	10	11	7	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1736	1732	0	1534	0
Flt Permitted		0.987			0.970	
Satd. Flow (perm)	0	1736	1732	0	1534	0
Link Speed (mph)		15	15		15	
Link Distance (ft)		510	506		550	
Travel Time (s)		23.2	23.0		25.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	8%	8%	2%	2%	14%	14%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)		0%	0%		0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	22	31	0	16	0
Sign Control		Free	Free		Stop	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 14.1%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	2.7

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	4	11	10	11	7	4
Future Vol, veh/h	4	11	10	11	7	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	67	67	67	67	67	67
Heavy Vehicles, %	8	8	2	2	14	14
Mvmt Flow	6	16	15	16	10	6

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	31	0	-	0	51	23
Stage 1	-	-	-	-	23	-
Stage 2	-	-	-	-	28	-
Critical Hdwy	4.18	-	-	-	6.54	6.34
Critical Hdwy Stg 1	-	-	-	-	5.54	-
Critical Hdwy Stg 2	-	-	-	-	5.54	-
Follow-up Hdwy	2.272	-	-	-	3.626	3.426
Pot Cap-1 Maneuver	1543	-	-	-	928	1020
Stage 1	-	-	-	-	969	-
Stage 2	-	-	-	-	964	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1543	-	-	-	924	1020
Mov Cap-2 Maneuver	-	-	-	-	924	-
Stage 1	-	-	-	-	966	-
Stage 2	-	-	-	-	964	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.96	0	8.83
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	480	-	-	-	957
HCM Lane V/C Ratio	0.004	-	-	-	0.017
HCM Ctrl Dly (s/v)	7.3	0	-	-	8.8
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.1

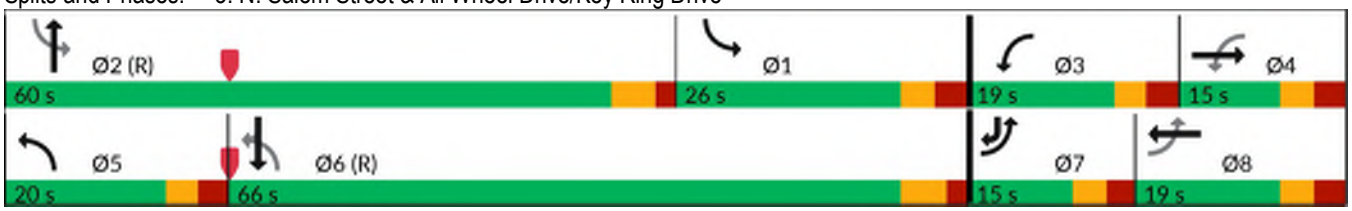
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	24	18	13	106	17	101	8	765	15	121	797	17
Future Volume (vph)	24	18	13	106	17	101	8	765	15	121	797	17
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1602	1580	0	1734	1592	0	1770	3519	0	1770	1863	1584
Flt Permitted	0.303			0.726			0.180			0.231		
Satd. Flow (perm)	511	1580	0	1325	1592	0	335	3519	0	430	1863	1584
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		20			160			5				77
Link Speed (mph)		15			25			25			35	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			12.7			16.6	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.75	0.64	0.65	0.65	0.61	0.63	0.33	0.92	0.42	0.66	0.93	0.71
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	11%	11%	11%	2%	2%	2%	3%	3%	3%	3%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	32	48	0	163	188	0	24	868	0	183	857	24
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		19.0	19.0		20.0	60.0		26.0	66.0	15.0
Total Split (%)	12.5%	12.5%		15.8%	15.8%		16.7%	50.0%		21.7%	55.0%	12.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	20.0	8.5		20.0	13.6		83.0	60.0		81.0	78.5	91.3
Actuated g/C Ratio	0.17	0.07		0.17	0.11		0.69	0.50		0.68	0.65	0.76
v/c Ratio	0.21	0.37		0.62	0.58		0.07	0.49		0.35	0.70	0.02
Control Delay (s/veh)	39.5	43.2		51.8	19.0		6.8	22.0		13.8	20.4	0.1
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0
Total Delay (s/veh)	39.5	43.2		51.8	19.0		6.8	22.0		13.8	20.4	0.1

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		D	B		A	C		B	C	A
Approach Delay (s/veh)		41.8			34.2			21.6			18.8	
Approach LOS		D			C			C			B	
Queue Length 50th (ft)	22	23		111	20		5	243		45	492	0
Queue Length 95th (ft)	41	41		121	21		5	315		53	714	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	182	150		279	333		419	1763		524	1218	1250
Starvation Cap Reductn	0	0		0	0		0	0		0	0	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.18	0.32		0.58	0.56		0.06	0.49		0.35	0.70	0.02

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 115
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.70
Intersection Signal Delay (s/veh): 22.9 Intersection LOS: C
Intersection Capacity Utilization 72.8% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1989

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	783	125	67	849
Future Volume (vph)	0	0	783	125	67	849
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1752	1845
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1752	1845
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		4.4			12.7
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	870	250	134	923
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 51.6%		ICU Level of Service A	
Analysis Period (min) 15			

4: N. Salem Street & Thales Inbound Driveway Performance by movement

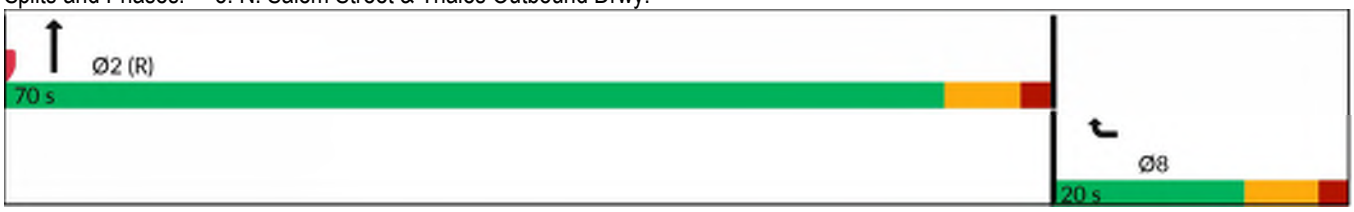
Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.1	0.0	0.2	0.0	0.1
Total Del/Veh (s)	0.5	1.6	6.5	1.3	1.3

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	216	694	0	0	0
Future Volume (vph)	0	216	694	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1827	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1827	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		223				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.44	0.50	0.79	0.79	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	4%	4%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	432	878	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		0.95	0.67			
Control Delay (s/veh)		51.5	9.8			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		51.5	9.8			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		D	A			
Approach Delay (s/veh)	51.5		9.8			
Approach LOS	D		A			
Queue Length 50th (ft)		126	231			
Queue Length 95th (ft)		53	263			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		454	1319			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		0.95	0.67			

Intersection Summary	
Area Type:	Other
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 60	
Control Type: Pretimed	
Maximum v/c Ratio: 0.95	
Intersection Signal Delay (s/veh): 23.6	Intersection LOS: C
Intersection Capacity Utilization 58.2%	ICU Level of Service B
Analysis Period (min) 15	

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	258	346	14	190	798	396	28	759	244
Future Volume (vph)	0	0	0	258	346	14	190	798	396	28	759	244
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1690	1773	1591	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.997		0.254			0.309		
Satd. Flow (perm)	0	0	0	1690	1773	1591	476	3557	1591	573	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						235
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	242	387	15	198	831	413	29	791	254
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				25.0	25.0	25.0			25.0		45.0	45.0
Total Split (%)				21.7%	21.7%	21.7%			21.7%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				20.1	20.1	20.1	74.9	81.5	112.0	81.5	37.6	37.6
Actuated g/C Ratio				0.18	0.18	0.18	0.67	0.73	1.00	0.73	0.34	0.34
v/c Ratio				0.80	1.22	0.04	0.26	0.32	0.26	0.07	0.47	0.37
Control Delay (s/veh)				65.6	164.4	0.1	5.0	1.4	0.3	4.7	30.2	6.1
Queue Delay				0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Total Delay (s/veh)				65.6	164.4	0.1	5.0	1.6	0.3	4.7	30.2	6.1

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				E	F	A	A	A	A	A	C	A
Approach Delay (s/veh)					123.4			1.7			23.9	
Approach LOS					F			A			C	
Queue Length 50th (ft)				186	~384	0	14	14	0	5	167	9
Queue Length 95th (ft)				#329	#588	0	m32	16	m0	14	207	67
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				302	317	397	755	2618	1591	421	1813	715
Starvation Cap Reductn				0	0	0	0	982	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				0.80	1.22	0.04	0.26	0.51	0.26	0.07	0.44	0.36

Intersection Summary

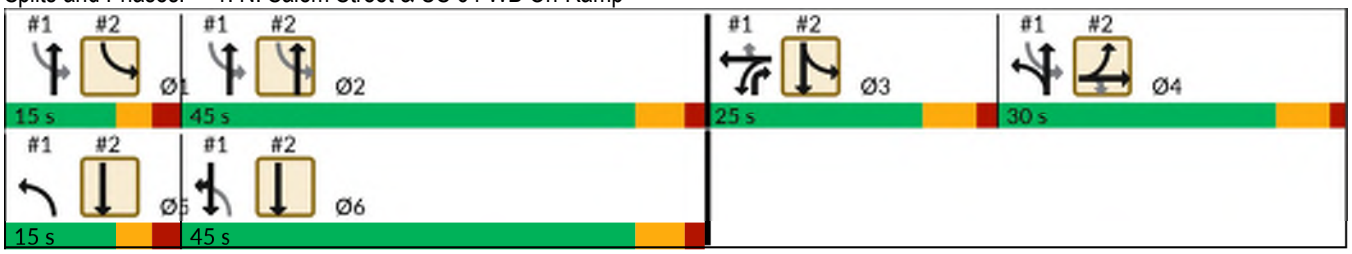
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 112
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.22
Intersection Signal Delay (s/veh): 34.0 Intersection LOS: C
Intersection Capacity Utilization 59.3% ICU Level of Service B
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	569	4	226	0	0	0	0	818	39	188	827	0
Future Volume (vph)	569	4	226	0	0	0	0	818	39	188	827	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	5050	0	1770	3539	0
Flt Permitted	0.950	0.953								0.208		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	5050	0	387	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			207					7				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	299	304	238	0	0	0	0	902	0	198	871	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	30.0	30.0	30.0					45.0				
Total Split (%)	26.1%	26.1%	26.1%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	24.3	24.3	24.3					38.0		66.5	76.5	
Actuated g/C Ratio	0.22	0.22	0.22					0.34		0.59	0.68	
v/c Ratio	0.82	0.83	0.47					0.53		0.34	0.36	
Control Delay (s/veh)	61.8	62.9	11.2					30.8		12.3	3.7	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	61.8	62.9	11.2					30.8		12.3	3.7	

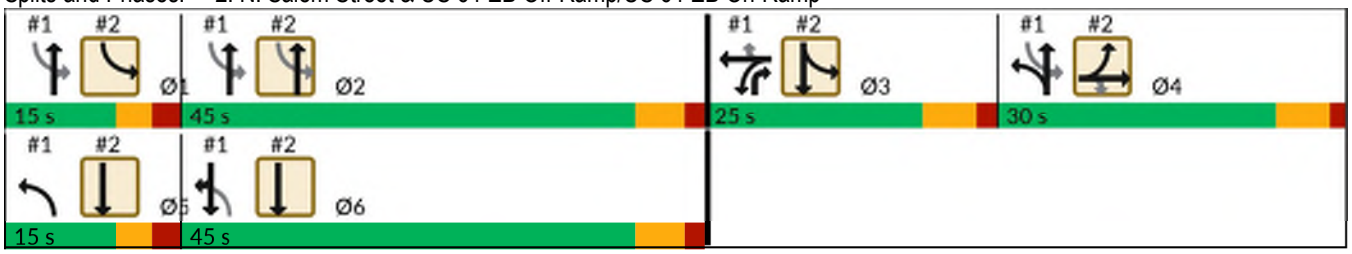
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	E	E	B					C		B	A	
Approach Delay (s/veh)		47.9						30.8			5.3	
Approach LOS		D						C			A	
Queue Length 50th (ft)	227	231	19					194		45	29	
Queue Length 95th (ft)	#377	#387	91					237		m88	m47	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	376	377	515					1814		592	2417	
Starvation Cap Reductn	0	0	0					0		0	368	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	0.80	0.81	0.46					0.50		0.33	0.43	

Intersection Summary

Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 112
Natural Cycle: 80
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.22
Intersection Signal Delay (s/veh): 26.2 Intersection LOS: C
Intersection Capacity Utilization 55.8% ICU Level of Service B
Analysis Period (min) 15
Description: 05-1408

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



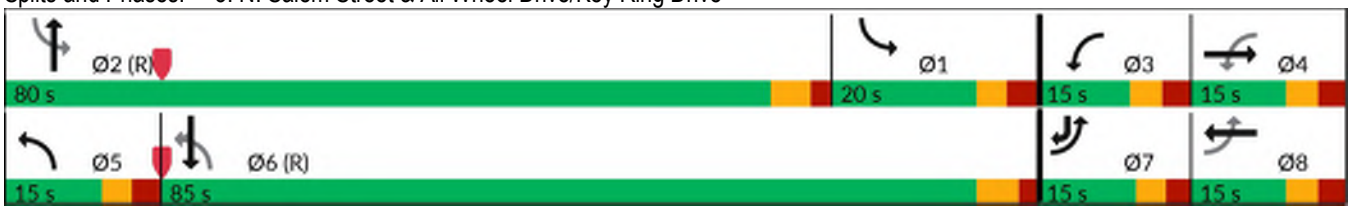
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	13	16	19	16	36	6	813	4	17	1023	5
Future Volume (vph)	15	13	16	19	16	36	6	813	4	17	1023	5
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1743	1684	0	1734	1615	0	1787	3571	0	1787	1881	1599
Flt Permitted	0.721			0.737			0.135			0.294		
Satd. Flow (perm)	1316	1684	0	1345	1615	0	254	3571	0	553	1881	1599
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		17			38			1				71
Link Speed (mph)		15			25			35			35	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			9.1			16.6	
Confl. Peds. (#/hr)	4					4						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	16	31	0	20	55	0	6	869	0	18	1088	5
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		15.0	15.0		15.0	80.0		20.0	85.0	15.0
Total Split (%)	11.5%	11.5%		11.5%	11.5%		11.5%	61.5%		15.4%	65.4%	11.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	12.9	10.8		14.0	8.6		105.5	99.5		105.5	105.0	115.0
Actuated g/C Ratio	0.10	0.08		0.11	0.07		0.81	0.77		0.81	0.81	0.88
v/c Ratio	0.10	0.20		0.12	0.39		0.02	0.32		0.03	0.72	0.00
Control Delay (s/veh)	47.8	35.7		48.3	33.2		4.2	8.3		4.2	13.4	0.0
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	1.0	0.0
Total Delay (s/veh)	47.8	35.7		48.3	33.2		4.2	8.3		4.2	14.4	0.0

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		D	C		A	A		A	B	A
Approach Delay (s/veh)		39.8			37.2			8.3			14.2	
Approach LOS		D			D			A			B	
Queue Length 50th (ft)	12	10		15	14		1	103		3	443	0
Queue Length 95th (ft)	34	45		39	58		5	247		10	#1118	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	189	171		191	161		324	2734		587	1519	1446
Starvation Cap Reductn	0	0		0	0		0	0		0	206	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.08	0.18		0.10	0.34		0.02	0.32		0.03	0.83	0.00

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 116 (89%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 145
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.72
Intersection Signal Delay (s/veh): 13.1 Intersection LOS: B
Intersection Capacity Utilization 71.6% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	820	7	4	1053
Future Volume (vph)	0	0	820	7	4	1053
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		35			35
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		3.2			9.1
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	863	7	4	1108
Sign Control	Stop		Free			Free

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 58.8%	ICU Level of Service B
Analysis Period (min) 15	

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Del/Veh (s)	0.3	1.7	4.4	2.2	1.3

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	14	813	0	0	0
Future Volume (vph)	0	14	813	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1863	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1863	0	0	0
Link Speed (mph)	25		25			30
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.1
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	15	856	0	0	0
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 68.6%		ICU Level of Service C	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	14	813	0	0	0
Future Vol, veh/h	0	14	813	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	15	856	0	0	0

Major/Minor	Minor1		Major1	
Conflicting Flow All	-	856	0	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	358	-	0
Stage 1	0	-	-	0
Stage 2	0	-	-	0
Platoon blocked, %			-	
Mov Cap-1 Maneuver	-	358	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	WB	NB
HCM Ctrl Dly, s/v	15.5	0
HCM LOS	C	

Minor Lane/Major Mvmt	NBT	WBLn1
Capacity (veh/h)	-	358
HCM Lane V/C Ratio	-	0.041
HCM Ctrl Dly (s/v)	-	15.5
HCM Lane LOS	-	C
HCM 95th %tile Q(veh)	-	0.1

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	15	21	23	799	992	61
Future Volume (vph)	15	21	23	799	992	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1681	0	1770	1863	1848	0
Flt Permitted	0.979		0.950			
Satd. Flow (perm)	1681	0	1770	1863	1848	0
Link Speed (mph)	25			35	35	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			19.7	7.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	38	0	24	841	1108	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 65.9%	ICU Level of Service C
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	21	23	799	992	61
Future Vol, veh/h	15	21	23	799	992	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	22	24	841	1044	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1966	1076	1108	0	-	0
Stage 1	1076	-	-	-	-	-
Stage 2	889	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	69	266	630	-	-	-
Stage 1	327	-	-	-	-	-
Stage 2	401	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	66	266	630	-	-	-
Mov Cap-2 Maneuver	191	-	-	-	-	-
Stage 1	315	-	-	-	-	-
Stage 2	401	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	23.85	0.31	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	630	-	229	-	-
HCM Lane V/C Ratio	0.038	-	0.166	-	-
HCM Ctrl Dly (s/v)	10.9	-	23.8	-	-
HCM Lane LOS	B	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.6	-	-

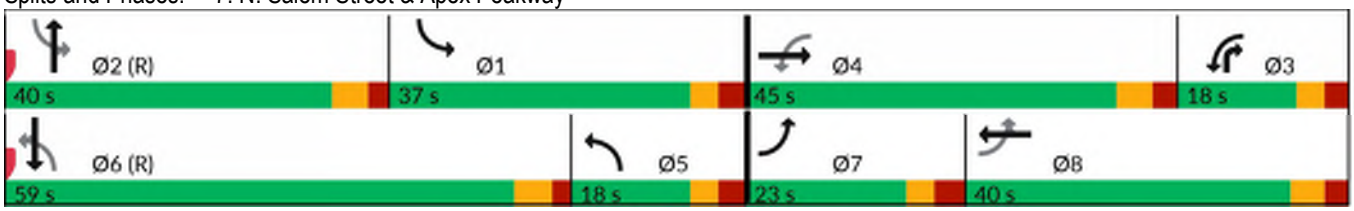
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	107	291	36	24	265	389	19	332	27	343	494	185
Future Volume (vph)	107	291	36	24	265	389	19	332	27	343	494	185
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1813	0	1752	1844	1568	1778	1872	1591	1761	1853	1575
Flt Permitted	0.266			0.216			0.334			0.389		
Satd. Flow (perm)	488	1813	0	398	1844	1517	625	1872	1591	721	1853	1528
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5				405			161			163
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	4					4	3					3
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	111	341	0	25	276	405	20	346	28	357	515	193
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	23.0	45.0		18.0	40.0	40.0	18.0	40.0	18.0	37.0	59.0	59.0
Total Split (%)	16.4%	32.1%		12.9%	28.6%	28.6%	12.9%	28.6%	12.9%	26.4%	42.1%	42.1%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lead		Lag	Lag	Lag	Lag	Lead	Lag	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	39.0	33.3		40.3	26.9	26.9	85.7	56.4	68.6	81.0	77.0	77.0
Actuated g/C Ratio	0.28	0.24		0.29	0.19	0.19	0.61	0.40	0.49	0.58	0.55	0.55
v/c Ratio	0.45	0.78		0.13	0.78	0.66	0.04	0.46	0.03	0.60	0.51	0.21
Control Delay (s/veh)	39.3	62.4		33.9	68.5	9.5	14.0	36.9	0.1	28.2	25.5	5.8
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	39.3	62.4		33.9	68.5	9.5	14.0	36.9	0.1	28.2	25.5	5.8

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	A	B	D	A	C	C	A
Approach Delay (s/veh)		56.7			33.4			33.1			22.9	
Approach LOS		E			C			C			C	
Queue Length 50th (ft)	75	299		16	246	0	7	239	0	152	305	13
Queue Length 95th (ft)	111	388		35	327	91	22	404	0	264	526	68
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	313	521		254	461	683	506	754	863	693	1019	913
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.35	0.65		0.10	0.60	0.59	0.04	0.46	0.03	0.52	0.51	0.21

Intersection Summary

Area Type: Other
Cycle Length: 140
Actuated Cycle Length: 140
Offset: 0 (0%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 85
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.78
Intersection Signal Delay (s/veh): 33.1 Intersection LOS: C
Intersection Capacity Utilization 76.5% ICU Level of Service D
Analysis Period (min) 15
Description: 05-2347

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	18	416	4	4	449	51	4	4	6	24	4	31
Future Volume (vph)	18	416	4	4	449	51	4	4	6	24	4	31
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1857	0	0	1837	0	0	1730	0	0	1696	0
Flt Permitted		0.998						0.986			0.980	
Satd. Flow (perm)	0	1857	0	0	1837	0	0	1730	0	0	1696	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	8					8						
Confl. Bikes (#/hr)						1						
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	466	0	0	536	0	0	14	0	0	63	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 46.0%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	18	416	4	4	449	51	4	4	6	24	4	31
Future Vol, veh/h	18	416	4	4	449	51	4	4	6	24	4	31
Conflicting Peds, #/hr	8	0	0	0	0	8	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	19	443	4	4	478	54	4	4	6	26	4	33

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	540	0	0	447	0	0	971	1031	445	1004	1006	513
Stage 1	-	-	-	-	-	-	483	483	-	521	521	-
Stage 2	-	-	-	-	-	-	488	548	-	483	485	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1029	-	-	1113	-	-	232	233	613	220	241	561
Stage 1	-	-	-	-	-	-	565	553	-	538	531	-
Stage 2	-	-	-	-	-	-	561	517	-	565	551	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1021	-	-	1113	-	-	208	224	613	206	232	557
Mov Cap-2 Maneuver	-	-	-	-	-	-	208	224	-	206	232	-
Stage 1	-	-	-	-	-	-	551	539	-	531	524	-
Stage 2	-	-	-	-	-	-	521	510	-	541	538	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.35	0.07	17.68	19.45
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	299	74	-	-	14	-	-	312
HCM Lane V/C Ratio	0.05	0.019	-	-	0.004	-	-	0.201
HCM Ctrl Dly (s/v)	17.7	8.6	0	-	8.2	0	-	19.4
HCM Lane LOS	C	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	0.2	0.1	-	-	0	-	-	0.7

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	23	4	14	67	4	9
Future Volume (vph)	23	4	14	67	4	9
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Satd. Flow (prot)	1792	0	0	1812	1662	0
Flt Permitted				0.992	0.986	
Satd. Flow (perm)	1792	0	0	1812	1662	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1160			1132	467	
Travel Time (s)	31.6			30.9	12.7	
Confl. Peds. (#/hr)		6	6			
Confl. Bikes (#/hr)						
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	4%	4%	4%	4%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	35	0	0	105	17	0
Sign Control	Stop			Stop	Stop	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 21.0%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	23	4	14	67	4	9
Future Vol, veh/h	23	4	14	67	4	9
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	4	4	4	4	2	2
Mvmt Flow	30	5	18	87	5	12
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay, s/veh	7.2	7.6	7
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	31%	0%	17%
Vol Thru, %	0%	85%	83%
Vol Right, %	69%	15%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	13	27	81
LT Vol	4	0	14
Through Vol	0	23	67
RT Vol	9	4	0
Lane Flow Rate	17	35	105
Geometry Grp	1	1	1
Degree of Util (X)	0.018	0.039	0.119
Departure Headway (Hd)	3.822	3.988	4.058
Convergence, Y/N	Yes	Yes	Yes
Cap	927	897	886
Service Time	1.885	2.015	2.071
HCM Lane V/C Ratio	0.018	0.039	0.119
HCM Control Delay, s/veh	7	7.2	7.6
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.1	0.1	0.4

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	4	4	4	9	6	4
Future Volume (vph)	4	4	4	9	6	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1394	1597	0	1711	0
Flt Permitted		0.976			0.971	
Satd. Flow (perm)	0	1394	1597	0	1711	0
Link Speed (mph)		15	15		15	
Link Distance (ft)		510	506		550	
Travel Time (s)		23.2	23.0		25.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.52	0.52	0.52	0.52	0.52	0.52
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	33%	33%	8%	8%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)		0%	0%		0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	16	25	0	20	0
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 13.8%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	3.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	4	4	4	9	6	4
Future Vol, veh/h	4	4	4	9	6	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	52	52	52	52	52	52
Heavy Vehicles, %	33	33	8	8	2	2
Mvmt Flow	8	8	8	17	12	8

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	25	0	-	0	39	16
Stage 1	-	-	-	-	16	-
Stage 2	-	-	-	-	23	-
Critical Hdwy	4.43	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.497	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1410	-	-	-	972	1063
Stage 1	-	-	-	-	1006	-
Stage 2	-	-	-	-	1000	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1410	-	-	-	967	1063
Mov Cap-2 Maneuver	-	-	-	-	967	-
Stage 1	-	-	-	-	1001	-
Stage 2	-	-	-	-	1000	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	3.78	0	8.66
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	900	-	-	-	1003
HCM Lane V/C Ratio	0.005	-	-	-	0.019
HCM Ctrl Dly (s/v)	7.6	0	-	-	8.7
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.1

Appendix F:
Synchro & SimTraffic Output:
Background (2032)

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	267	289	7	300	820	572	28	674	208
Future Volume (vph)	0	0	0	267	289	7	300	820	572	28	674	208
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1673	1754	1576	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.996		0.286			0.297		
Satd. Flow (perm)	0	0	0	1673	1754	1576	535	3557	1591	550	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						221
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.92	0.90	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	3%	3%	3%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	256	335	7	319	872	609	30	717	221
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				23.0	23.0	23.0			23.0		45.0	45.0
Total Split (%)				20.0%	20.0%	20.0%			20.0%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				18.0	18.0	18.0	76.1	82.7	111.2	82.7	36.0	36.0
Actuated g/C Ratio				0.16	0.16	0.16	0.68	0.74	1.00	0.74	0.32	0.32
v/c Ratio				0.94	1.18	0.02	0.39	0.33	0.38	0.07	0.44	0.34
Control Delay (s/veh)				90.1	153.0	0.1	5.3	1.0	0.4	4.2	30.3	5.0
Queue Delay				0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0
Total Delay (s/veh)				90.1	153.0	0.1	5.9	1.5	0.4	4.2	30.3	5.0

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				F	F	A	A	A	A	A	C	A
Approach Delay (s/veh)					124.3			1.9			23.7	
Approach LOS					F			A			C	
Queue Length 50th (ft)				206	~328	0	23	13	0	5	148	0
Queue Length 95th (ft)				#386	#525	0	m27	m13	m0	13	186	53
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				271	284	370	825	2737	1591	423	1824	708
Starvation Cap Reductn				0	0	0	223	1258	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				0.94	1.18	0.02	0.53	0.59	0.38	0.07	0.39	0.31

Intersection Summary

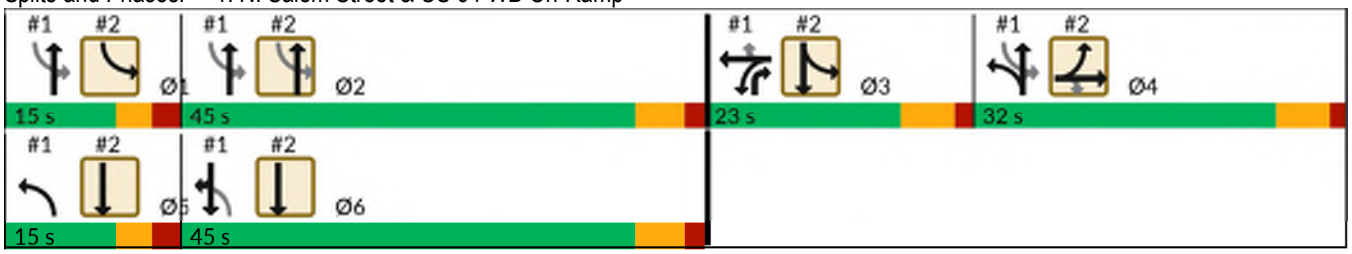
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 111.2
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.18
Intersection Signal Delay (s/veh): 29.9 Intersection LOS: C
Intersection Capacity Utilization 58.2% ICU Level of Service B
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	826	4	378	0	0	0	0	872	122	218	735	0
Future Volume (vph)	826	4	378	0	0	0	0	872	122	218	735	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	4994	0	1770	3539	0
Flt Permitted	0.950	0.953								0.122		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	4994	0	227	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			213					24				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	469	475	430	0	0	0	0	1130	0	248	835	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	32.0	32.0	32.0					45.0				
Total Split (%)	27.8%	27.8%	27.8%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	27.1	27.1	27.1					36.2		62.9	72.9	
Actuated g/C Ratio	0.24	0.24	0.24					0.33		0.57	0.66	
v/c Ratio	1.15	1.16	0.79					0.69		0.49	0.36	
Control Delay (s/veh)	130.9	134.8	31.7					34.1		20.9	5.0	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	130.9	134.8	31.7					34.1		20.9	5.1	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	F	F	C					C		C	A	
Approach Delay (s/veh)		101.2						34.1			8.7	
Approach LOS		F						C			A	
Queue Length 50th (ft)	~448	~456	160					254		84	51	
Queue Length 95th (ft)	#644	#654	#305					296		m128	m58	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	408	410	546					1815		506	2313	
Starvation Cap Reductn	0	0	0					0		0	433	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	1.15	1.16	0.79					0.62		0.49	0.44	

Intersection Summary

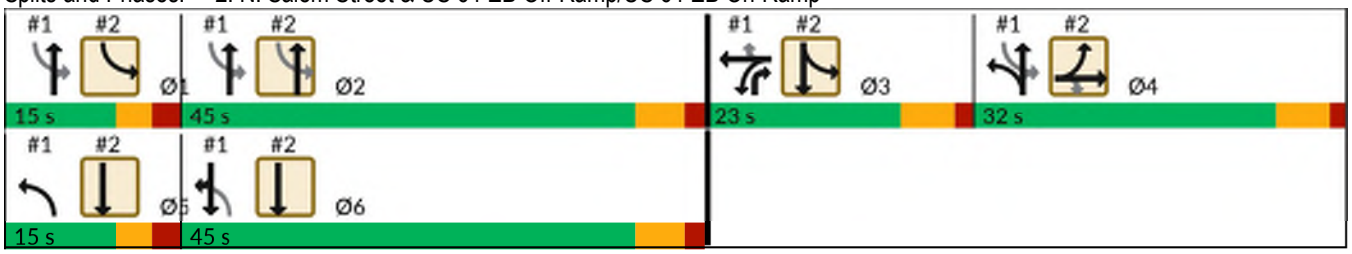
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 111.2
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.18
Intersection Signal Delay (s/veh): 52.2 Intersection LOS: D
Intersection Capacity Utilization 67.5% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



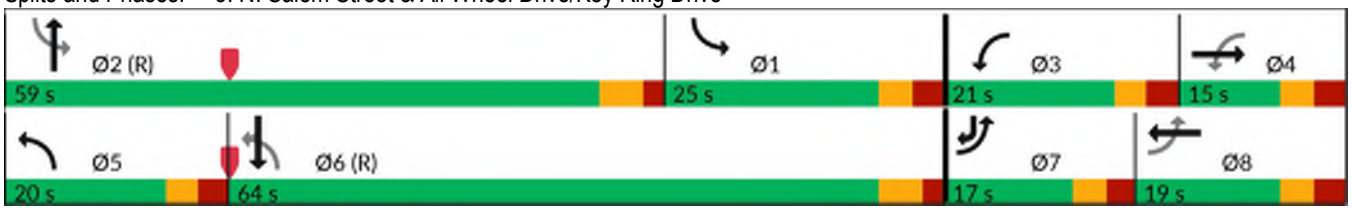
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	8	16	4	136	13	115	5	876	14	269	830	17
Future Volume (vph)	8	16	4	136	13	115	5	876	14	269	830	17
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1710	1704	0	1734	1570	0	1787	3553	0	1787	1881	1599
Flt Permitted	0.253			0.755			0.157			0.139		
Satd. Flow (perm)	455	1704	0	1378	1570	0	295	3553	0	262	1881	1599
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		11			213			4				77
Link Speed (mph)		15			25			25			35	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			12.7			16.6	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.50	0.80	0.38	0.50	0.81	0.54	0.63	0.85	0.35	0.67	0.92	0.43
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	4%	4%	4%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	16	31	0	272	229	0	8	1071	0	401	902	40
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	17.0	15.0		21.0	19.0		20.0	59.0		25.0	64.0	17.0
Total Split (%)	14.2%	12.5%		17.5%	15.8%		16.7%	49.2%		20.8%	53.3%	14.2%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	20.9	8.2		21.9	15.0		84.1	60.1		80.1	82.6	95.0
Actuated g/C Ratio	0.17	0.07		0.18	0.13		0.70	0.50		0.67	0.69	0.79
v/c Ratio	0.10	0.24		0.90	0.60		0.03	0.60		0.93	0.70	0.03
Control Delay (s/veh)	36.4	43.2		77.1	14.9		6.8	24.1		65.4	17.4	0.3
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.7	0.0
Total Delay (s/veh)	36.4	43.2		77.1	14.9		6.8	24.1		65.4	18.1	0.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		E	B		A	C		E	B	A
Approach Delay (s/veh)		40.9			48.7			23.9			31.7	
Approach LOS		D			D			C			C	
Queue Length 50th (ft)	10	15		194	11		2	328		209	403	0
Queue Length 95th (ft)	16	42		142	59		5	379		201	#814	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	218	152		301	396		395	1780		429	1294	1339
Starvation Cap Reductn	0	0		0	0		0	0		0	144	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.07	0.20		0.90	0.58		0.02	0.60		0.93	0.78	0.03

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 115
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.93
Intersection Signal Delay (s/veh): 31.9 Intersection LOS: C
Intersection Capacity Utilization 76.2% ICU Level of Service D
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	897	183	165	785
Future Volume (vph)	0	0	897	183	165	785
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		4.4			12.7
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.84	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1068	366	330	853
Sign Control	Stop		Free			Free

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 63.0%	ICU Level of Service B
Analysis Period (min) 15	

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.1
Total Del/Veh (s)	0.8	1.7	13.0	1.2	2.3

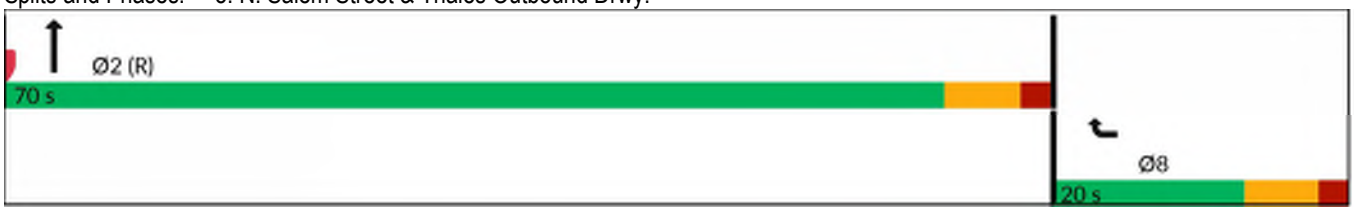
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	237	828	0	0	0
Future Volume (vph)	0	237	828	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1845	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1845	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		190				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.25	0.50	0.86	0.86	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	3%	3%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	474	963	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		1.11	0.72			
Control Delay (s/veh)		101.2	11.3			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		101.2	11.3			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		F	B			
Approach Delay (s/veh)	101.2		11.3			
Approach LOS	F		B			
Queue Length 50th (ft)		~217	273			
Queue Length 95th (ft)		90	374			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		426	1332			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		1.11	0.72			

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 75	
Control Type: Pretimed	
Maximum v/c Ratio: 1.11	
Intersection Signal Delay (s/veh): 40.9	Intersection LOS: D
Intersection Capacity Utilization 66.6%	ICU Level of Service C
Analysis Period (min) 15	

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	26	23	7	861	774	24
Future Volume (vph)	26	23	7	861	774	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1634	0	1736	1827	1820	0
Flt Permitted	0.974		0.950			
Satd. Flow (perm)	1634	0	1736	1827	1820	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			27.6	10.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	6%	6%	4%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	51	0	7	897	831	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 55.3%	ICU Level of Service B
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	26	23	7	861	774	24
Future Vol, veh/h	26	23	7	861	774	24
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	6	6	4	4	4	4
Mvmt Flow	27	24	7	897	806	25

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1730	819	831	0	-	0
Stage 1	819	-	-	-	-	-
Stage 2	911	-	-	-	-	-
Critical Hdwy	6.46	6.26	4.14	-	-	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	2.236	-	-	-
Pot Cap-1 Maneuver	95	369	792	-	-	-
Stage 1	427	-	-	-	-	-
Stage 2	386	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	94	369	792	-	-	-
Mov Cap-2 Maneuver	227	-	-	-	-	-
Stage 1	423	-	-	-	-	-
Stage 2	386	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	20.91	0.08	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	792	-	277	-	-
HCM Lane V/C Ratio	0.009	-	0.184	-	-
HCM Ctrl Dly (s/v)	9.6	-	20.9	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0	-	0.7	-	-

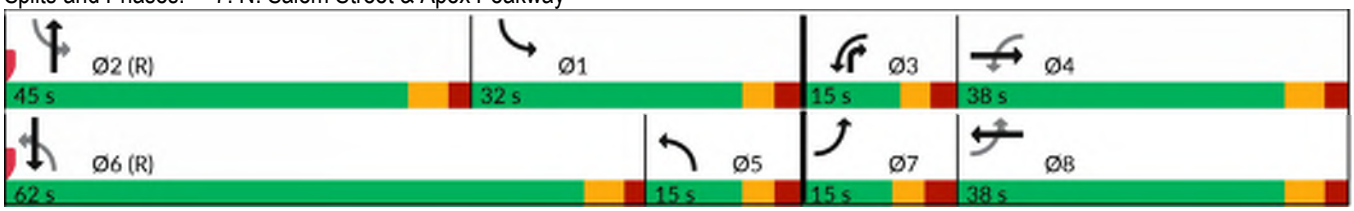
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	141	278	50	22	175	358	15	360	21	327	380	97
Future Volume (vph)	141	278	50	22	175	358	15	360	21	327	380	97
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1802	0	1718	1809	1537	1761	1854	1576	1727	1818	1545
Flt Permitted	0.461			0.228			0.433			0.363		
Satd. Flow (perm)	845	1802	0	412	1809	1493	802	1854	1576	660	1818	1510
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		7				377			123			124
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	3					3	1					1
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	4%	4%	4%	3%	3%	3%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	148	346	0	23	184	377	16	379	22	344	400	102
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	15.0	38.0		15.0	38.0	38.0	15.0	45.0	15.0	32.0	62.0	62.0
Total Split (%)	11.5%	29.2%		11.5%	29.2%	29.2%	11.5%	34.6%	11.5%	24.6%	47.7%	47.7%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag	Lag	Lag	Lead	Lead	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	34.4	31.9		36.4	22.7	22.7	82.7	55.9	63.4	75.6	75.1	75.1
Actuated g/C Ratio	0.26	0.25		0.28	0.17	0.17	0.64	0.43	0.49	0.58	0.58	0.58
v/c Ratio	0.49	0.77		0.12	0.58	0.66	0.03	0.48	0.03	0.63	0.38	0.11
Control Delay (s/veh)	38.7	57.1		29.7	55.3	9.9	12.1	32.7	0.0	28.8	19.4	2.4
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	38.7	57.1		29.7	55.3	9.9	12.1	32.7	0.0	28.8	19.4	2.4

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	A	B	C	A	C	B	A
Approach Delay (s/veh)		51.6			25.0			30.1			21.1	
Approach LOS		D			C			C			C	
Queue Length 50th (ft)	93	278		14	147	0	5	240	0	143	171	0
Queue Length 95th (ft)	141	375		33	208	87	17	401	0	230	346	23
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	306	472		220	459	660	595	797	859	642	1050	924
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.48	0.73		0.10	0.40	0.57	0.03	0.48	0.03	0.54	0.38	0.11

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 2 (2%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 85
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.77
Intersection Signal Delay (s/veh): 30.1 Intersection LOS: C
Intersection Capacity Utilization 77.2% ICU Level of Service D
Analysis Period (min) 15
Description: 05-2347

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	375	4	7	306	70	8	4	8	59	4	28
Future Volume (vph)	15	375	4	7	306	70	8	4	8	59	4	28
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1857	0	0	1814	0	0	1676	0	0	1729	0
Flt Permitted		0.998			0.999			0.980			0.968	
Satd. Flow (perm)	0	1857	0	0	1814	0	0	1676	0	0	1729	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	5					5						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	5%	5%	5%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	428	0	0	417	0	0	22	0	0	98	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 43.0%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	2.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	15	375	4	7	306	70	8	4	8	59	4	28
Future Vol, veh/h	15	375	4	7	306	70	8	4	8	59	4	28
Conflicting Peds, #/hr	5	0	0	0	0	5	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	5	5	5	2	2	2
Mvmt Flow	16	408	4	8	333	76	9	4	9	64	4	30

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	414	0	0	412	0	0	792	871	410	833	835	376
Stage 1	-	-	-	-	-	-	442	442	-	391	391	-
Stage 2	-	-	-	-	-	-	350	429	-	442	445	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.15	6.55	6.25	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.545	4.045	3.345	3.518	4.018	3.318
Pot Cap-1 Maneuver	1145	-	-	1147	-	-	303	286	635	288	303	671
Stage 1	-	-	-	-	-	-	588	571	-	633	607	-
Stage 2	-	-	-	-	-	-	660	579	-	594	575	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1140	-	-	1147	-	-	277	277	635	271	294	668
Mov Cap-2 Maneuver	-	-	-	-	-	-	277	277	-	271	294	-
Stage 1	-	-	-	-	-	-	577	560	-	625	599	-
Stage 2	-	-	-	-	-	-	620	571	-	571	564	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.31	0.15	15.71	20.33
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	358	68	-	-	32	-	-	333
HCM Lane V/C Ratio	0.061	0.014	-	-	0.007	-	-	0.297
HCM Ctrl Dly (s/v)	15.7	8.2	0	-	8.2	0	-	20.3
HCM Lane LOS	C	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	0.2	0	-	-	0	-	-	1.2

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	37	4	5	58	4	7
Future Volume (vph)	37	4	5	58	4	7
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Satd. Flow (prot)	1821	0	0	1855	1670	0
Flt Permitted				0.996	0.982	
Satd. Flow (perm)	1821	0	0	1855	1670	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1160			1132	467	
Travel Time (s)	31.6			30.9	12.7	
Confl. Peds. (#/hr)		10	10		2	
Confl. Bikes (#/hr)						
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	3%	3%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	53	0	0	81	14	0
Sign Control	Stop			Stop	Stop	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 17.2%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Intersection Delay, s/veh	7.3
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	37	4	5	58	4	7
Future Vol, veh/h	37	4	5	58	4	7
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	3	3	2	2	2	2
Mvmt Flow	48	5	6	75	5	9
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay, s/veh	7.2	7.4	7
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	36%	0%	8%
Vol Thru, %	0%	90%	92%
Vol Right, %	64%	10%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	11	41	63
LT Vol	4	0	5
Through Vol	0	37	58
RT Vol	7	4	0
Lane Flow Rate	14	53	82
Geometry Grp	1	1	1
Degree of Util (X)	0.015	0.059	0.091
Departure Headway (Hd)	3.856	3.979	4.015
Convergence, Y/N	Yes	Yes	Yes
Cap	920	901	895
Service Time	1.914	1.998	2.029
HCM Lane V/C Ratio	0.015	0.059	0.092
HCM Control Delay, s/veh	7	7.2	7.4
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.2	0.3

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	4	11	10	11	7	4
Future Volume (vph)	4	11	10	11	7	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1736	1732	0	1534	0
Flt Permitted		0.987			0.970	
Satd. Flow (perm)	0	1736	1732	0	1534	0
Link Speed (mph)		15	15		15	
Link Distance (ft)		510	506		550	
Travel Time (s)		23.2	23.0		25.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.67	0.67	0.67	0.67	0.67	0.67
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	8%	8%	2%	2%	14%	14%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)		0%	0%		0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	22	31	0	16	0
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 14.1%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	2.7

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	4	11	10	11	7	4
Future Vol, veh/h	4	11	10	11	7	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	67	67	67	67	67	67
Heavy Vehicles, %	8	8	2	2	14	14
Mvmt Flow	6	16	15	16	10	6

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	31	0	-	0	51	23
Stage 1	-	-	-	-	23	-
Stage 2	-	-	-	-	28	-
Critical Hdwy	4.18	-	-	-	6.54	6.34
Critical Hdwy Stg 1	-	-	-	-	5.54	-
Critical Hdwy Stg 2	-	-	-	-	5.54	-
Follow-up Hdwy	2.272	-	-	-	3.626	3.426
Pot Cap-1 Maneuver	1543	-	-	-	928	1020
Stage 1	-	-	-	-	969	-
Stage 2	-	-	-	-	964	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1543	-	-	-	924	1020
Mov Cap-2 Maneuver	-	-	-	-	924	-
Stage 1	-	-	-	-	966	-
Stage 2	-	-	-	-	964	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	1.96	0	8.83
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	480	-	-	-	957
HCM Lane V/C Ratio	0.004	-	-	-	0.017
HCM Ctrl Dly (s/v)	7.3	0	-	-	8.8
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.1

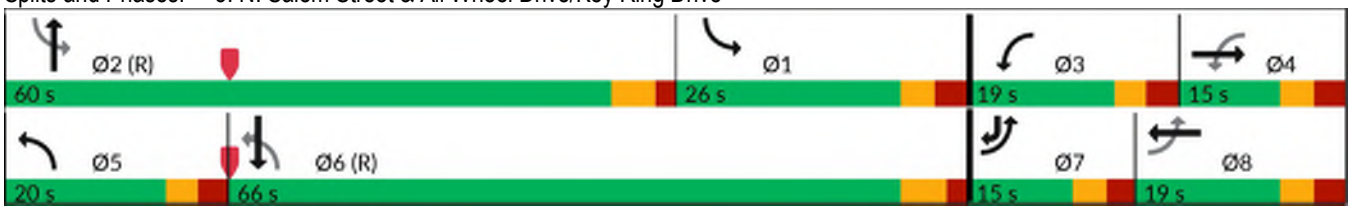
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	24	18	13	106	17	101	8	941	15	121	980	17
Future Volume (vph)	24	18	13	106	17	101	8	941	15	121	980	17
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1602	1580	0	1734	1592	0	1770	3522	0	1770	1863	1584
Flt Permitted	0.303			0.726			0.063			0.158		
Satd. Flow (perm)	511	1580	0	1325	1592	0	117	3522	0	294	1863	1584
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		20			160			4				77
Link Speed (mph)		15			25			25			25	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			12.7			23.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.75	0.64	0.65	0.65	0.61	0.63	0.33	0.92	0.42	0.66	0.93	0.71
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	11%	11%	11%	2%	2%	2%	3%	3%	3%	3%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	32	48	0	163	188	0	24	1059	0	183	1054	24
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		19.0	19.0		20.0	60.0		26.0	66.0	15.0
Total Split (%)	12.5%	12.5%		15.8%	15.8%		16.7%	50.0%		21.7%	55.0%	12.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	20.0	8.5		20.0	13.6		83.0	60.0		81.0	78.5	91.3
Actuated g/C Ratio	0.17	0.07		0.17	0.11		0.69	0.50		0.68	0.65	0.76
v/c Ratio	0.21	0.37		0.62	0.58		0.13	0.60		0.40	0.87	0.02
Control Delay (s/veh)	39.5	43.2		51.8	19.0		7.8	24.2		20.6	29.2	0.1
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0
Total Delay (s/veh)	39.5	43.2		51.8	19.0		7.8	24.2		20.6	29.2	0.1

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		D	B		A	C		C	C	A
Approach Delay (s/veh)		41.8			34.2			23.8			27.4	
Approach LOS		D			C			C			C	
Queue Length 50th (ft)	22	23		111	20		5	321		45	751	0
Queue Length 95th (ft)	41	41		121	21		5	409		53	#1124	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	182	150		279	333		290	1764		456	1218	1250
Starvation Cap Reductn	0	0		0	0		0	0		0	0	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.18	0.32		0.58	0.56		0.08	0.60		0.40	0.87	0.02

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 135
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.87
Intersection Signal Delay (s/veh): 27.3 Intersection LOS: C
Intersection Capacity Utilization 82.5% ICU Level of Service E
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	963	125	67	1044
Future Volume (vph)	0	0	963	125	67	1044
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1752	1845
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1752	1845
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		4.4			12.7
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1070	250	134	1135
Sign Control	Stop		Free			Free

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 59.0%	ICU Level of Service B
Analysis Period (min) 15	

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.2	0.0	0.5	0.2	0.2
Total Del/Veh (s)	0.6	1.6	9.3	1.8	1.6

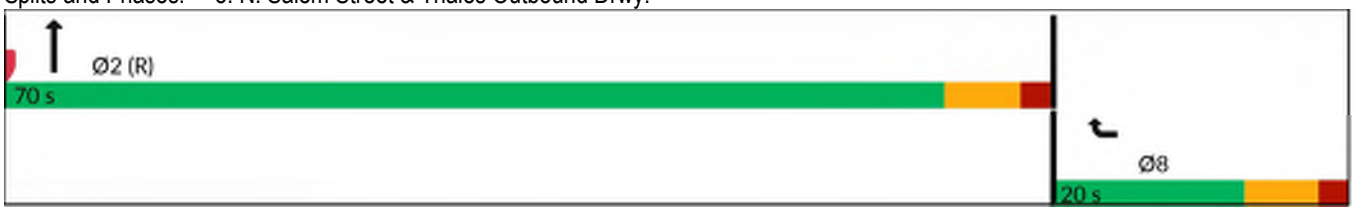
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	216	854	0	0	0
Future Volume (vph)	0	216	854	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1827	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1827	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		152				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.50	0.79	0.79	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	4%	4%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	432	1081	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		1.09	0.82			
Control Delay (s/veh)		98.2	15.3			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		98.2	15.3			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		F	B			
Approach Delay (s/veh)	98.2		15.3			
Approach LOS	F		B			
Queue Length 50th (ft)		~205	361			
Queue Length 95th (ft)		97	398			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		395	1319			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		1.09	0.82			

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 90	
Control Type: Pretimed	
Maximum v/c Ratio: 1.09	
Intersection Signal Delay (s/veh): 39.0	Intersection LOS: D
Intersection Capacity Utilization 67.0%	ICU Level of Service C
Analysis Period (min) 15	

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	317	426	17	234	981	487	34	933	300
Future Volume (vph)	0	0	0	317	426	17	234	981	487	34	933	300
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1690	1773	1591	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.997		0.185			0.239		
Satd. Flow (perm)	0	0	0	1690	1773	1591	346	3557	1591	443	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						236
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	297	477	18	244	1022	507	35	972	313
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				27.0	27.0	27.0			27.0		45.0	45.0
Total Split (%)				23.5%	23.5%	23.5%			23.5%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				22.0	22.0	22.0	76.0	82.6	115.0	82.6	40.0	40.0
Actuated g/C Ratio				0.19	0.19	0.19	0.66	0.72	1.00	0.72	0.35	0.35
v/c Ratio				0.92	1.41	0.04	0.35	0.40	0.32	0.11	0.55	0.45
Control Delay (s/veh)				79.7	235.8	0.2	12.6	1.4	0.3	5.9	31.7	9.7
Queue Delay				0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0
Total Delay (s/veh)				79.7	235.8	0.2	13.3	1.9	0.3	5.9	31.7	9.7

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				E	F	A	B	A	A	A	C	A
Approach Delay (s/veh)					171.9			3.0			25.8	
Approach LOS					F			A			C	
Queue Length 50th (ft)				232	~507	0	40	17	0	7	214	39
Queue Length 95th (ft)				#409	#726	0	m64	m18	m0	18	260	115
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				323	339	415	689	2522	1591	314	1760	701
Starvation Cap Reductn				0	0	0	198	953	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				0.92	1.41	0.04	0.50	0.65	0.32	0.11	0.55	0.45

Intersection Summary

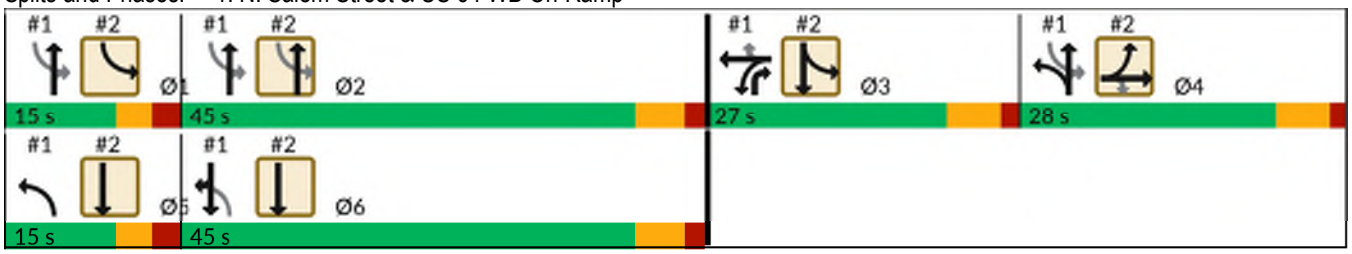
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 115
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.41
Intersection Signal Delay (s/veh): 45.2 Intersection LOS: D
Intersection Capacity Utilization 68.5% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	700	4	278	0	0	0	0	1006	48	231	1017	0
Future Volume (vph)	700	4	278	0	0	0	0	1006	48	231	1017	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	5050	0	1770	3539	0
Flt Permitted	0.950	0.953								0.139		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	5050	0	259	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			147					7				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	368	373	293	0	0	0	0	1110	0	243	1071	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	28.0	28.0	28.0					45.0				
Total Split (%)	24.3%	24.3%	24.3%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	23.0	23.0	23.0					40.0		70.8	80.8	
Actuated g/C Ratio	0.20	0.20	0.20					0.35		0.62	0.70	
v/c Ratio	1.10	1.11	0.68					0.63		0.43	0.43	
Control Delay (s/veh)	120.6	124.1	29.4					33.0		17.8	3.8	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	120.6	124.1	29.4					33.0		17.8	3.9	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	F	F	C					C		B	A	
Approach Delay (s/veh)		96.0						33.0			6.5	
Approach LOS		F						C			A	
Queue Length 50th (ft)	~329	~336	101					251		87	39	
Queue Length 95th (ft)	#532	#540	203					302		m136	m50	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	336	337	434					1763		569	2486	
Starvation Cap Reductn	0	0	0					0		0	403	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	1.10	1.11	0.68					0.63		0.43	0.51	

Intersection Summary

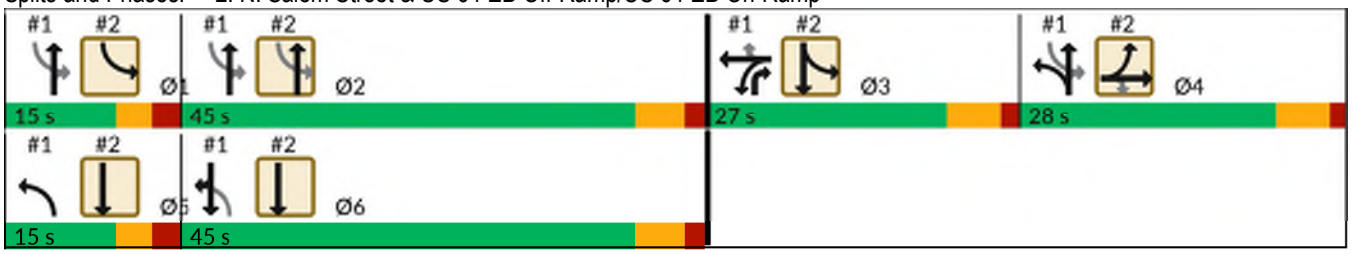
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 115
Natural Cycle: 90
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.41
Intersection Signal Delay (s/veh): 41.8 Intersection LOS: D
Intersection Capacity Utilization 65.6% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



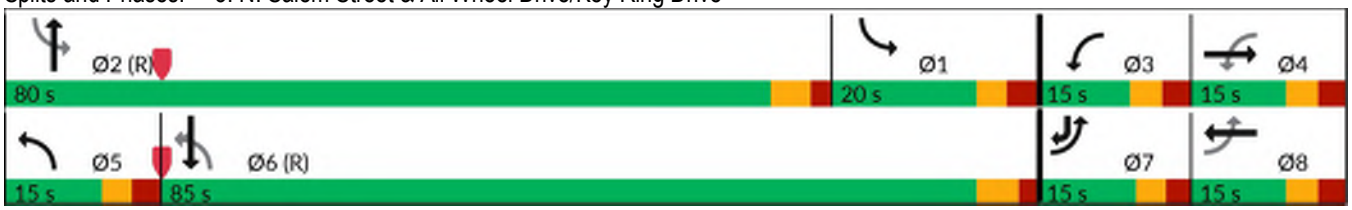
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	13	16	19	16	36	6	1000	4	17	1258	5
Future Volume (vph)	15	13	16	19	16	36	6	1000	4	17	1258	5
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1743	1684	0	1734	1615	0	1787	3571	0	1787	1881	1599
Flt Permitted	0.721			0.737			0.042			0.228		
Satd. Flow (perm)	1316	1684	0	1345	1615	0	79	3571	0	429	1881	1599
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		17			38							71
Link Speed (mph)		15			25			35			35	
Link Distance (ft)		506			667			465			851	
Travel Time (s)		23.0			18.2			9.1			16.6	
Confl. Peds. (#/hr)	4					4						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	16	31	0	20	55	0	6	1068	0	18	1338	5
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		15.0	15.0		15.0	80.0		20.0	85.0	15.0
Total Split (%)	11.5%	11.5%		11.5%	11.5%		11.5%	61.5%		15.4%	65.4%	11.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	12.9	10.8		14.0	8.6		105.5	99.5		105.5	105.0	115.0
Actuated g/C Ratio	0.10	0.08		0.11	0.07		0.81	0.77		0.81	0.81	0.88
v/c Ratio	0.10	0.20		0.12	0.39		0.04	0.39		0.04	0.88	0.00
Control Delay (s/veh)	47.8	35.7		48.3	33.2		4.5	9.0		4.4	21.6	0.0
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	5.0	0.0
Total Delay (s/veh)	47.8	35.7		48.3	33.2		4.5	9.0		4.4	26.6	0.0

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		D	C		A	A		A	C	A
Approach Delay (s/veh)		39.8			37.2			9.0			26.2	
Approach LOS		D			D			A			C	
Queue Length 50th (ft)	12	10		15	14		1	137		3	795	0
Queue Length 95th (ft)	34	45		39	58		5	324		10	#1568	0
Internal Link Dist (ft)		426			587			385			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	189	171		191	161		195	2734		501	1519	1446
Starvation Cap Reductn	0	0		0	0		0	0		0	135	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.08	0.18		0.10	0.34		0.03	0.39		0.04	0.97	0.00

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 116 (89%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 145
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.88
Intersection Signal Delay (s/veh): 19.6 Intersection LOS: B
Intersection Capacity Utilization 84.0% ICU Level of Service E
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	1008	7	4	1295
Future Volume (vph)	0	0	1008	7	4	1295
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		35			35
Link Distance (ft)	205		162			465
Travel Time (s)	9.3		3.2			9.1
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1061	7	4	1363
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 71.5%		ICU Level of Service C	
Analysis Period (min) 15			

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0
Total Del/Veh (s)	0.5	1.6	11.1	2.6	1.6

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	14	1000	0	0	0
Future Volume (vph)	0	14	1000	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1863	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1863	0	0	0
Link Speed (mph)	25		25			30
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.1
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	15	1053	0	0	0
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 83.6%		ICU Level of Service E	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	14	1000	0	0	0
Future Vol, veh/h	0	14	1000	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	15	1053	0	0	0

Major/Minor	Minor1		Major1	
Conflicting Flow All	-	1053	0	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	275	-	0
Stage 1	0	-	-	0
Stage 2	0	-	-	0
Platoon blocked, %			-	
Mov Cap-1 Maneuver	-	275	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	WB	NB
HCM Ctrl Dly, s/v	18.83	0
HCM LOS	C	

Minor Lane/Major Mvmt	NBT	WBLn1
Capacity (veh/h)	-	275
HCM Lane V/C Ratio	-	0.054
HCM Ctrl Dly (s/v)	-	18.8
HCM Lane LOS	-	C
HCM 95th %tile Q(veh)	-	0.2

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	15	21	23	983	1220	61
Future Volume (vph)	15	21	23	983	1220	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1681	0	1770	1863	1852	0
Flt Permitted	0.979		0.950			
Satd. Flow (perm)	1681	0	1770	1863	1852	0
Link Speed (mph)	25			35	35	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			19.7	7.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	38	0	24	1035	1348	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 77.9%	ICU Level of Service D
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	21	23	983	1220	61
Future Vol, veh/h	15	21	23	983	1220	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	22	24	1035	1284	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2399	1316	1348	0	-	0
Stage 1	1316	-	-	-	-	-
Stage 2	1083	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	37	193	511	-	-	-
Stage 1	251	-	-	-	-	-
Stage 2	325	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	35	193	511	-	-	-
Mov Cap-2 Maneuver	141	-	-	-	-	-
Stage 1	239	-	-	-	-	-
Stage 2	325	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	32.72	0.28	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	511	-	167	-	-
HCM Lane V/C Ratio	0.047	-	0.227	-	-
HCM Ctrl Dly (s/v)	12.4	-	32.7	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.1	-	0.8	-	-

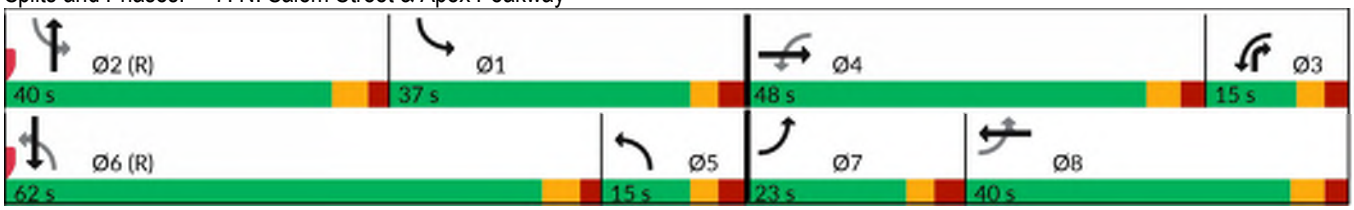
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	132	358	44	30	326	478	23	408	33	422	608	228
Future Volume (vph)	132	358	44	30	326	478	23	408	33	422	608	228
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1815	0	1752	1844	1568	1778	1872	1591	1761	1853	1575
Flt Permitted	0.204			0.164			0.215			0.190		
Satd. Flow (perm)	375	1815	0	302	1844	1517	402	1872	1591	352	1853	1528
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5				498			161			163
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	4					4	3					3
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	138	419	0	31	340	498	24	425	34	440	633	238
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	23.0	48.0		15.0	40.0	40.0	15.0	40.0	15.0	37.0	62.0	62.0
Total Split (%)	16.4%	34.3%		10.7%	28.6%	28.6%	10.7%	28.6%	10.7%	26.4%	44.3%	44.3%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lead		Lag	Lag	Lag	Lag	Lead	Lag	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	44.2	38.5		45.4	30.9	30.9	77.8	44.1	56.2	75.8	71.8	71.8
Actuated g/C Ratio	0.32	0.28		0.32	0.22	0.22	0.56	0.32	0.40	0.54	0.51	0.51
v/c Ratio	0.56	0.83		0.17	0.84	0.69	0.08	0.72	0.05	0.86	0.67	0.28
Control Delay (s/veh)	39.3	62.3		33.3	69.9	8.9	17.3	52.2	0.1	59.3	33.0	9.0
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	39.3	62.3		33.3	69.9	8.9	17.3	52.2	0.1	59.3	33.0	9.0

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	A	B	D	A	E	C	A
Approach Delay (s/veh)		56.6			33.7			46.8			37.5	
Approach LOS		E			C			D			D	
Queue Length 50th (ft)	89	366		19	301	0	9	353	0	280	468	38
Queue Length 95th (ft)	129	477		39	406	102	27	#582	0	#508	#706	107
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	305	560		205	465	754	322	589	723	513	950	863
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.75		0.15	0.73	0.66	0.07	0.72	0.05	0.86	0.67	0.28

Intersection Summary

Area Type: Other
Cycle Length: 140
Actuated Cycle Length: 140
Offset: 0 (0%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 85
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.86
Intersection Signal Delay (s/veh): 41.2 Intersection LOS: D
Intersection Capacity Utilization 88.9% ICU Level of Service E
Analysis Period (min) 15
Description: 05-2347
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	18	512	4	4	552	51	4	4	6	24	4	31
Future Volume (vph)	18	512	4	4	552	51	4	4	6	24	4	31
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1857	0	0	1842	0	0	1730	0	0	1696	0
Flt Permitted		0.998						0.986			0.980	
Satd. Flow (perm)	0	1857	0	0	1842	0	0	1730	0	0	1696	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	8					8						
Confl. Bikes (#/hr)						1						
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	568	0	0	645	0	0	14	0	0	63	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 51.4%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	1.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	18	512	4	4	552	51	4	4	6	24	4	31
Future Vol, veh/h	18	512	4	4	552	51	4	4	6	24	4	31
Conflicting Peds, #/hr	8	0	0	0	0	8	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	19	545	4	4	587	54	4	4	6	26	4	33

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	649	0	0	549	0	0	1183	1243	547	1216	1218	622
Stage 1	-	-	-	-	-	-	585	585	-	631	631	-
Stage 2	-	-	-	-	-	-	598	658	-	585	587	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	937	-	-	1021	-	-	166	174	537	158	180	486
Stage 1	-	-	-	-	-	-	497	497	-	469	474	-
Stage 2	-	-	-	-	-	-	489	461	-	497	496	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	929	-	-	1021	-	-	146	167	537	146	173	483
Mov Cap-2 Maneuver	-	-	-	-	-	-	146	167	-	146	173	-
Stage 1	-	-	-	-	-	-	482	483	-	462	468	-
Stage 2	-	-	-	-	-	-	448	455	-	472	482	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.3	0.06	22.24	25.94
HCM LOS			C	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	224	61	-	-	12	-	-	234
HCM Lane V/C Ratio	0.067	0.021	-	-	0.004	-	-	0.268
HCM Ctrl Dly (s/v)	22.2	9	0	-	8.5	0	-	25.9
HCM Lane LOS	C	A	A	-	A	A	-	D
HCM 95th %tile Q(veh)	0.2	0.1	-	-	0	-	-	1

Lane Group	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Volume (vph)	23	4	14	67	4	9
Future Volume (vph)	23	4	14	67	4	9
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)		0	0		0	0
Storage Lanes		0	0		1	0
Taper Length (ft)			25		25	
Satd. Flow (prot)	1792	0	0	1812	1662	0
Flt Permitted				0.992	0.986	
Satd. Flow (perm)	1792	0	0	1812	1662	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1160			1132	467	
Travel Time (s)	31.6			30.9	12.7	
Confl. Peds. (#/hr)		6	6			
Confl. Bikes (#/hr)						
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	4%	4%	4%	4%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	35	0	0	105	17	0
Sign Control	Stop			Stop	Stop	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 21.0%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations						
Traffic Vol, veh/h	23	4	14	67	4	9
Future Vol, veh/h	23	4	14	67	4	9
Peak Hour Factor	0.77	0.77	0.77	0.77	0.77	0.77
Heavy Vehicles, %	4	4	4	4	2	2
Mvmt Flow	30	5	18	87	5	12
Number of Lanes	1	0	0	1	1	0

Approach	EB	WB	NB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left		NB	EB
Conflicting Lanes Left	0	1	1
Conflicting Approach Right	NB		WB
Conflicting Lanes Right	1	0	1
HCM Control Delay, s/veh	7.2	7.6	7
HCM LOS	A	A	A

Lane	NBLn1	EBLn1	WBLn1
Vol Left, %	31%	0%	17%
Vol Thru, %	0%	85%	83%
Vol Right, %	69%	15%	0%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	13	27	81
LT Vol	4	0	14
Through Vol	0	23	67
RT Vol	9	4	0
Lane Flow Rate	17	35	105
Geometry Grp	1	1	1
Degree of Util (X)	0.018	0.039	0.119
Departure Headway (Hd)	3.822	3.988	4.058
Convergence, Y/N	Yes	Yes	Yes
Cap	927	897	886
Service Time	1.885	2.015	2.071
HCM Lane V/C Ratio	0.018	0.039	0.119
HCM Control Delay, s/veh	7	7.2	7.6
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0.1	0.1	0.4

Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	4	4	4	9	6	4
Future Volume (vph)	4	4	4	9	6	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1394	1597	0	1711	0
Flt Permitted		0.976			0.971	
Satd. Flow (perm)	0	1394	1597	0	1711	0
Link Speed (mph)		15	15		15	
Link Distance (ft)		510	506		550	
Travel Time (s)		23.2	23.0		25.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.52	0.52	0.52	0.52	0.52	0.52
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	33%	33%	8%	8%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)		0%	0%		0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	16	25	0	20	0
Sign Control		Free	Free		Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 13.8%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	3.8

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Vol, veh/h	4	4	4	9	6	4
Future Vol, veh/h	4	4	4	9	6	4
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	52	52	52	52	52	52
Heavy Vehicles, %	33	33	8	8	2	2
Mvmt Flow	8	8	8	17	12	8

Major/Minor	Major1		Major2		Minor2	
Conflicting Flow All	25	0	-	0	39	16
Stage 1	-	-	-	-	16	-
Stage 2	-	-	-	-	23	-
Critical Hdwy	4.43	-	-	-	6.42	6.22
Critical Hdwy Stg 1	-	-	-	-	5.42	-
Critical Hdwy Stg 2	-	-	-	-	5.42	-
Follow-up Hdwy	2.497	-	-	-	3.518	3.318
Pot Cap-1 Maneuver	1410	-	-	-	972	1063
Stage 1	-	-	-	-	1006	-
Stage 2	-	-	-	-	1000	-
Platoon blocked, %		-	-	-		
Mov Cap-1 Maneuver	1410	-	-	-	967	1063
Mov Cap-2 Maneuver	-	-	-	-	967	-
Stage 1	-	-	-	-	1001	-
Stage 2	-	-	-	-	1000	-

Approach	EB	WB	SB
HCM Ctrl Dly, s/v	3.78	0	8.66
HCM LOS			A

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	900	-	-	-	1003
HCM Lane V/C Ratio	0.005	-	-	-	0.019
HCM Ctrl Dly (s/v)	7.6	0	-	-	8.7
HCM Lane LOS	A	A	-	-	A
HCM 95th %tile Q(veh)	0	-	-	-	0.1

Appendix G:
Synchro & SimTraffic Output:
Build-Out (2032)

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	284	289	7	331	847	572	28	688	208
Future Volume (vph)	0	0	0	284	289	7	331	847	572	28	688	208
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1673	1754	1576	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.996		0.281			0.287		
Satd. Flow (perm)	0	0	0	1673	1754	1576	526	3557	1591	532	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						221
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.92	0.90	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	3%	3%	3%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	272	337	7	352	901	609	30	732	221
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				23.0	23.0	23.0			23.0		45.0	45.0
Total Split (%)				20.0%	20.0%	20.0%			20.0%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				18.0	18.0	18.0	77.6	84.2	112.6	84.2	37.5	37.5
Actuated g/C Ratio				0.16	0.16	0.16	0.69	0.75	1.00	0.75	0.33	0.33
v/c Ratio				1.02	1.20	0.02	0.43	0.34	0.38	0.08	0.43	0.33
Control Delay (s/veh)				107.9	161.7	0.1	7.0	1.1	0.3	4.3	30.0	4.9
Queue Delay				0.0	0.0	0.0	0.8	0.6	0.0	0.0	0.0	0.0
Total Delay (s/veh)				107.9	161.7	0.1	7.7	1.6	0.3	4.3	30.0	4.9

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				F	F	A	A	A	A	A	C	A
Approach Delay (s/veh)					136.1			2.3			23.6	
Approach LOS					F			A			C	
Queue Length 50th (ft)				~234	~332	0	32	14	0	5	152	0
Queue Length 95th (ft)				#417	#528	0	m49	m14	m0	13	190	53
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				267	280	367	818	2701	1591	403	1799	702
Starvation Cap Reductn				0	0	0	219	1279	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				1.02	1.20	0.02	0.59	0.63	0.38	0.07	0.41	0.31

Intersection Summary

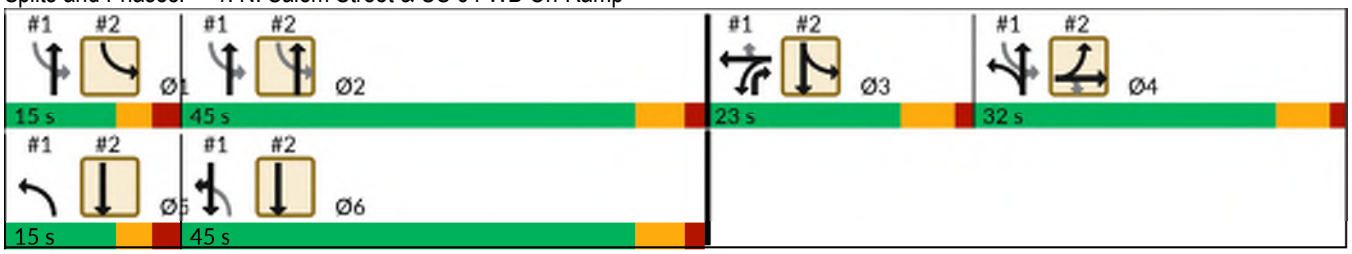
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 112.6
Natural Cycle: 100
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.20
Intersection Signal Delay (s/veh): 32.2 Intersection LOS: C
Intersection Capacity Utilization 60.4% ICU Level of Service B
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	826	4	390	0	0	0	0	929	168	218	765	0
Future Volume (vph)	826	4	390	0	0	0	0	929	168	218	765	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	4968	0	1770	3539	0
Flt Permitted	0.950	0.953								0.109		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	4968	0	203	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			199					34				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	469	475	443	0	0	0	0	1247	0	248	869	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	32.0	32.0	32.0					45.0				
Total Split (%)	27.8%	27.8%	27.8%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	27.0	27.0	27.0					37.7		64.4	74.4	
Actuated g/C Ratio	0.24	0.24	0.24					0.33		0.57	0.66	
v/c Ratio	1.16	1.18	0.84					0.74		0.50	0.37	
Control Delay (s/veh)	137.2	141.2	37.6					35.2		21.9	5.3	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	137.2	141.2	37.6					35.2		21.9	5.4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	F	F	D					D		C	A	
Approach Delay (s/veh)		106.8						35.2			9.0	
Approach LOS		F						D			A	
Queue Length 50th (ft)	~448	~456	185					288		85	55	
Queue Length 95th (ft)	#644	#654	#346					332		m130	m61	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	403	404	530					1788		495	2307	
Starvation Cap Reductn	0	0	0					0		0	399	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	1.16	1.18	0.84					0.70		0.50	0.46	

Intersection Summary

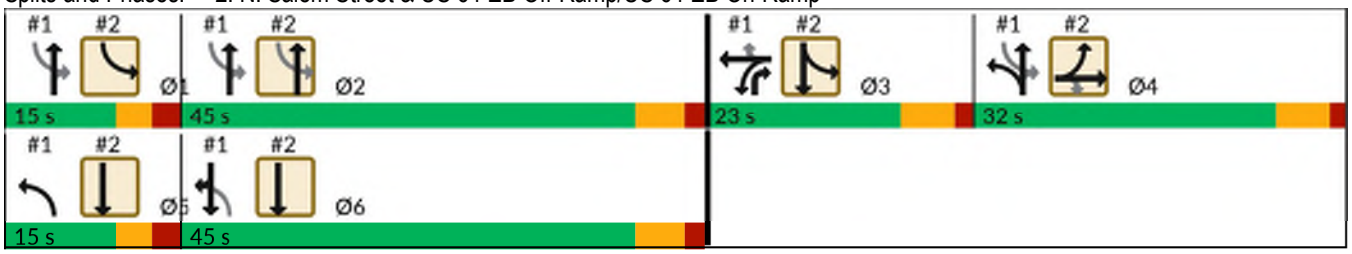
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 112.6
Natural Cycle: 100
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.20
Intersection Signal Delay (s/veh): 53.9 Intersection LOS: D
Intersection Capacity Utilization 69.6% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



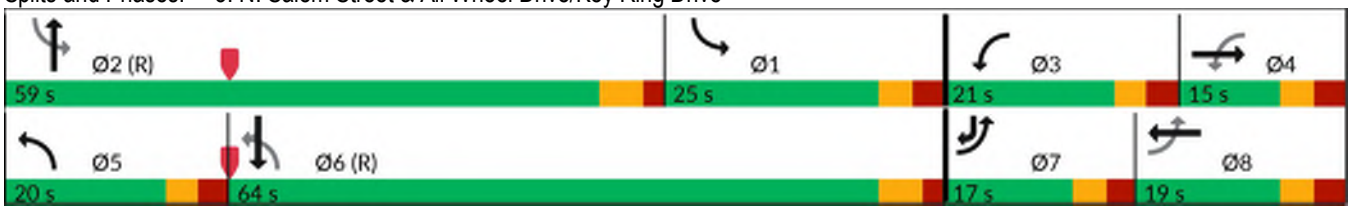
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	111	16	8	136	13	115	6	876	14	269	861	29
Future Volume (vph)	111	16	8	136	13	115	6	876	14	269	861	29
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1710	1704	0	1734	1570	0	1787	3553	0	1787	1881	1599
Flt Permitted	0.320			0.741			0.126			0.132		
Satd. Flow (perm)	576	1704	0	1353	1570	0	237	3553	0	248	1881	1599
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		11			213			4				77
Link Speed (mph)		15			25			25			25	
Link Distance (ft)		506			667			171			851	
Travel Time (s)		23.0			18.2			4.7			23.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.87	0.80	0.70	0.50	0.81	0.54	0.67	0.85	0.35	0.67	0.92	0.62
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	4%	4%	4%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	128	31	0	272	229	0	9	1071	0	401	936	47
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	17.0	15.0		21.0	19.0		20.0	59.0		25.0	64.0	17.0
Total Split (%)	14.2%	12.5%		17.5%	15.8%		16.7%	49.2%		20.8%	53.3%	14.2%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	21.6	8.3		23.6	10.7		82.4	58.4		78.4	80.9	96.8
Actuated g/C Ratio	0.18	0.07		0.20	0.09		0.69	0.49		0.65	0.67	0.81
v/c Ratio	0.62	0.24		0.84	0.69		0.03	0.62		0.96	0.74	0.04
Control Delay (s/veh)	52.0	42.9		66.0	19.8		7.0	25.1		71.9	19.3	0.5
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	1.0	0.0
Total Delay (s/veh)	52.0	42.9		66.0	19.8		7.0	25.1		71.9	20.4	0.5

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		E	B		A	C		E	C	A
Approach Delay (s/veh)		50.2			44.9			25.0			34.6	
Approach LOS		D			D			C			C	
Queue Length 50th (ft)	84	15		194	12		2	328		216	434	0
Queue Length 95th (ft)	135	42		141	62		6	383		209	#934	0
Internal Link Dist (ft)		426			587			91			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	222	152		324	371		358	1731		418	1267	1318
Starvation Cap Reductn	0	0		0	0		0	0		0	137	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.58	0.20		0.84	0.62		0.03	0.62		0.96	0.83	0.04

Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 125
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.96
Intersection Signal Delay (s/veh): 33.7 Intersection LOS: C
Intersection Capacity Utilization 81.8% ICU Level of Service D
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	898	183	165	804
Future Volume (vph)	0	0	898	183	165	804
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			295
Travel Time (s)	9.3		4.4			8.0
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.84	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1069	366	330	874
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 63.1%		ICU Level of Service B	
Analysis Period (min) 15			

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.5	0.3	0.2	0.1	0.3
Total Del/Veh (s)	1.5	1.9	15.0	0.7	2.5

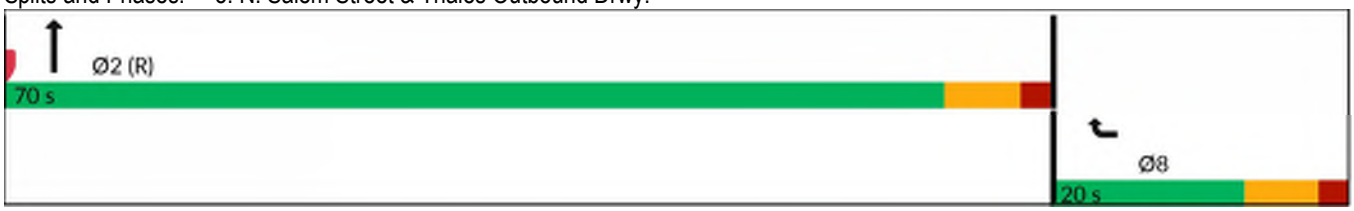
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	237	829	0	0	0
Future Volume (vph)	0	237	829	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1845	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1845	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		190				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.50	0.86	0.86	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	3%	3%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	474	964	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		1.11	0.72			
Control Delay (s/veh)		101.2	11.3			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		101.2	11.3			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		F	B			
Approach Delay (s/veh)	101.2		11.3			
Approach LOS	F		B			
Queue Length 50th (ft)		~217	273			
Queue Length 95th (ft)		90	375			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		426	1332			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		1.11	0.72			

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 75	
Control Type: Pretimed	
Maximum v/c Ratio: 1.11	
Intersection Signal Delay (s/veh): 40.9	Intersection LOS: D
Intersection Capacity Utilization 66.6%	ICU Level of Service C
Analysis Period (min) 15	

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	26	27	9	878	811	24
Future Volume (vph)	26	27	9	878	811	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1629	0	1736	1827	1820	0
Flt Permitted	0.976		0.950			
Satd. Flow (perm)	1629	0	1736	1827	1820	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			27.6	10.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	6%	6%	4%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	55	0	9	915	870	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 56.2%		ICU Level of Service B	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	26	27	9	878	811	24
Future Vol, veh/h	26	27	9	878	811	24
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	96	96	96	96	96	96
Heavy Vehicles, %	6	6	4	4	4	4
Mvmt Flow	27	28	9	915	845	25

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	1791	857	870	0	-	0
Stage 1	857	-	-	-	-	-
Stage 2	933	-	-	-	-	-
Critical Hdwy	6.46	6.26	4.14	-	-	-
Critical Hdwy Stg 1	5.46	-	-	-	-	-
Critical Hdwy Stg 2	5.46	-	-	-	-	-
Follow-up Hdwy	3.554	3.354	2.236	-	-	-
Pot Cap-1 Maneuver	87	351	766	-	-	-
Stage 1	409	-	-	-	-	-
Stage 2	376	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	86	351	766	-	-	-
Mov Cap-2 Maneuver	217	-	-	-	-	-
Stage 1	404	-	-	-	-	-
Stage 2	376	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	21.78	0.1	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	766	-	269	-	-
HCM Lane V/C Ratio	0.012	-	0.205	-	-
HCM Ctrl Dly (s/v)	9.8	-	21.8	-	-
HCM Lane LOS	A	-	C	-	-
HCM 95th %tile Q(veh)	0	-	0.8	-	-

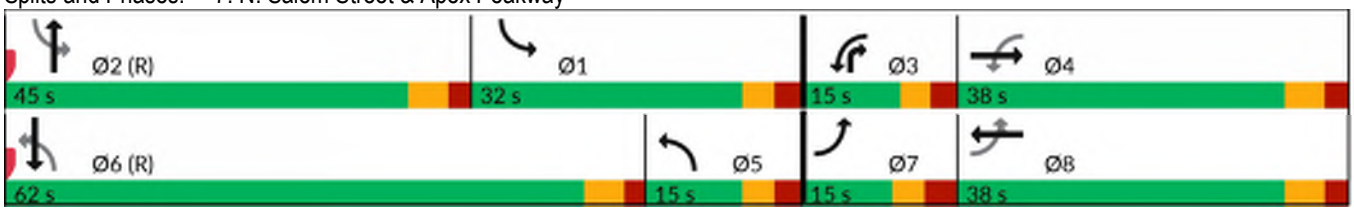
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	141	278	50	22	175	367	15	371	21	345	405	97
Future Volume (vph)	141	278	50	22	175	367	15	371	21	345	405	97
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1802	0	1718	1809	1537	1761	1854	1576	1727	1818	1545
Flt Permitted	0.461			0.228			0.412			0.345		
Satd. Flow (perm)	845	1802	0	412	1809	1493	763	1854	1576	627	1818	1510
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		7				386			123			124
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	3					3	1					1
Confl. Bikes (#/hr)												
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	4%	4%	4%	3%	3%	3%	4%	4%	4%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	148	346	0	23	184	386	16	391	22	363	426	102
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	15.0	38.0		15.0	38.0	38.0	15.0	45.0	15.0	32.0	62.0	62.0
Total Split (%)	11.5%	29.2%		11.5%	29.2%	29.2%	11.5%	34.6%	11.5%	24.6%	47.7%	47.7%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag	Lag	Lag	Lead	Lead	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	34.4	31.9		36.4	22.7	22.7	82.2	55.1	62.5	75.6	75.0	75.0
Actuated g/C Ratio	0.26	0.25		0.28	0.17	0.17	0.63	0.42	0.48	0.58	0.58	0.58
v/c Ratio	0.49	0.77		0.12	0.58	0.67	0.03	0.50	0.03	0.68	0.41	0.11
Control Delay (s/veh)	38.7	57.1		29.7	55.3	10.0	12.3	33.7	0.0	31.8	19.9	2.4
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	38.7	57.1		29.7	55.3	10.0	12.3	33.7	0.0	31.8	19.9	2.4

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	A	B	C	A	C	B	A
Approach Delay (s/veh)		51.6			24.8			31.1			22.7	
Approach LOS		D			C			C			C	
Queue Length 50th (ft)	93	278		14	147	0	5	257	0	153	185	0
Queue Length 95th (ft)	141	375		33	208	87	17	416	0	244	374	23
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	305	472		220	459	667	570	785	850	624	1049	924
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.49	0.73		0.10	0.40	0.58	0.03	0.50	0.03	0.58	0.41	0.11

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 2 (2%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 85
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.77
Intersection Signal Delay (s/veh): 30.6 Intersection LOS: C
Intersection Capacity Utilization 78.8% ICU Level of Service D
Analysis Period (min) 15
Description: 05-2347

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	23	375	4	7	306	70	8	4	8	59	4	45
Future Volume (vph)	23	375	4	7	306	70	8	4	8	59	4	45
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1855	0	0	1814	0	0	1676	0	0	1709	0
Flt Permitted		0.997			0.999			0.980			0.973	
Satd. Flow (perm)	0	1855	0	0	1814	0	0	1676	0	0	1709	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	5					5						
Confl. Bikes (#/hr)												
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	5%	5%	5%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	437	0	0	417	0	0	22	0	0	117	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 48.3%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	23	375	4	7	306	70	8	4	8	59	4	45
Future Vol, veh/h	23	375	4	7	306	70	8	4	8	59	4	45
Conflicting Peds, #/hr	5	0	0	0	0	5	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	5	5	5	2	2	2
Mvmt Flow	25	408	4	8	333	76	9	4	9	64	4	49

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	414	0	0	412	0	0	810	889	410	851	853	376
Stage 1	-	-	-	-	-	-	460	460	-	391	391	-
Stage 2	-	-	-	-	-	-	350	429	-	460	462	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.15	6.55	6.25	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.15	5.55	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.545	4.045	3.345	3.518	4.018	3.318
Pot Cap-1 Maneuver	1145	-	-	1147	-	-	295	279	635	280	296	671
Stage 1	-	-	-	-	-	-	576	561	-	633	607	-
Stage 2	-	-	-	-	-	-	660	579	-	581	565	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1140	-	-	1147	-	-	259	268	635	261	284	668
Mov Cap-2 Maneuver	-	-	-	-	-	-	259	268	-	261	284	-
Stage 1	-	-	-	-	-	-	559	545	-	625	599	-
Stage 2	-	-	-	-	-	-	602	571	-	553	549	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.47	0.15	16.22	20.33
HCM LOS			C	C

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	343	103	-	-	32	-	-	351
HCM Lane V/C Ratio	0.063	0.022	-	-	0.007	-	-	0.335
HCM Ctrl Dly (s/v)	16.2	8.2	0	-	8.2	0	-	20.3
HCM Lane LOS	C	A	A	-	A	A	-	C
HCM 95th %tile Q(veh)	0.2	0.1	-	-	0	-	-	1.4

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	19	30	4	5	58	4	4	4	7	12	4	20
Future Volume (vph)	19	30	4	5	58	4	4	4	7	12	4	20
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1803	0	0	1844	0	0	1712	0	0	1694	0
Flt Permitted		0.984			0.996			0.986			0.984	
Satd. Flow (perm)	0	1803	0	0	1844	0	0	1712	0	0	1694	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		1160			1132			467			766	
Travel Time (s)		31.6			30.9			12.7			20.9	
Confl. Peds. (#/hr)			10	10			2					2
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.77	0.77	0.77	0.77	0.90	0.77	0.90	0.77	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	3%	3%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	65	0	0	85	0	0	18	0	0	39	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 20.4%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Intersection Delay, s/veh	7.4
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	19	30	4	5	58	4	4	4	7	12	4	20
Future Vol, veh/h	19	30	4	5	58	4	4	4	7	12	4	20
Peak Hour Factor	0.90	0.77	0.77	0.77	0.77	0.90	0.77	0.90	0.77	0.90	0.90	0.90
Heavy Vehicles, %	2	3	3	2	2	2	2	2	2	2	2	2
Mvmt Flow	21	39	5	6	75	4	5	4	9	13	4	22
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	7.5	7.5	7.2	7.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	27%	36%	7%	33%
Vol Thru, %	27%	57%	87%	11%
Vol Right, %	47%	8%	6%	56%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	15	53	67	36
LT Vol	4	19	5	12
Through Vol	4	30	58	4
RT Vol	7	4	4	20
Lane Flow Rate	19	65	86	40
Geometry Grp	1	1	1	1
Degree of Util (X)	0.021	0.075	0.097	0.044
Departure Headway (Hd)	4.001	4.13	4.066	3.943
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	883	864	878	896
Service Time	2.079	2.171	2.105	2.018
HCM Lane V/C Ratio	0.022	0.075	0.098	0.045
HCM Control Delay, s/veh	7.2	7.5	7.5	7.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.2	0.3	0.1

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	11	4	13	10	11	4	4	108	7	4	4
Future Volume (vph)	4	11	4	13	10	11	4	4	108	7	4	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1718	0	0	1747	0	0	1623	0	0	1594	0
Flt Permitted		0.989			0.985			0.998			0.976	
Satd. Flow (perm)	0	1718	0	0	1747	0	0	1623	0	0	1594	0
Link Speed (mph)		15			15			30			15	
Link Distance (ft)		510			506			784			550	
Travel Time (s)		23.2			23.0			17.8			25.0	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.67	0.67	0.90	0.90	0.67	0.67	0.90	0.90	0.90	0.67	0.90	0.67
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	8%	8%	2%	2%	2%	2%	2%	2%	2%	14%	2%	14%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	26	0	0	45	0	0	128	0	0	20	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 17.1%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	6.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	11	4	13	10	11	4	4	108	7	4	4
Future Vol, veh/h	4	11	4	13	10	11	4	4	108	7	4	4
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	67	67	90	90	67	67	90	90	90	67	90	67
Heavy Vehicles, %	8	8	2	2	2	2	2	2	2	14	2	14
Mvmt Flow	6	16	4	14	15	16	4	4	120	10	4	6

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	31	0	0	21	0	0	77	91	19	83	85	23
Stage 1	-	-	-	-	-	-	31	31	-	52	52	-
Stage 2	-	-	-	-	-	-	46	60	-	31	33	-
Critical Hdwy	4.18	-	-	4.12	-	-	7.12	6.52	6.22	7.24	6.52	6.34
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.24	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.24	5.52	-
Follow-up Hdwy	2.272	-	-	2.218	-	-	3.518	4.018	3.318	3.626	4.018	3.426
Pot Cap-1 Maneuver	1543	-	-	1595	-	-	913	799	1060	876	805	1020
Stage 1	-	-	-	-	-	-	986	870	-	931	852	-
Stage 2	-	-	-	-	-	-	968	845	-	956	868	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1543	-	-	1595	-	-	891	789	1060	763	795	1020
Mov Cap-2 Maneuver	-	-	-	-	-	-	891	789	-	763	795	-
Stage 1	-	-	-	-	-	-	982	866	-	923	844	-
Stage 2	-	-	-	-	-	-	948	837	-	840	864	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	1.63	2.3	8.95	9.45
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	1041	384	-	-	514	-	-	830
HCM Lane V/C Ratio	0.124	0.004	-	-	0.009	-	-	0.025
HCM Ctrl Dly (s/v)	8.9	7.3	0	-	7.3	0	-	9.5
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.4	0	-	-	0	-	-	0.1

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	0	900	1020	17
Future Volume (vph)	0	0	0	900	1020	17
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			-2%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	0	0			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	0	0	1881	1859	0
Flt Permitted						
Satd. Flow (perm)	0	0	0	1881	1859	0
Link Speed (mph)	15			25	25	
Link Distance (ft)	474			295	171	
Travel Time (s)	21.5			8.0	4.7	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1000	1152	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 63.1%	ICU Level of Service B
Analysis Period (min) 15	

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	33	16	0	790	14
Future Volume (vph)	0	33	16	0	790	14
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	1	1			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	1611	1770	0	1841	0
Flt Permitted			0.950			
Satd. Flow (perm)	0	1611	1770	0	1841	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	602			174	73	
Travel Time (s)	16.4			4.7	2.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.92	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	3%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	37	18	0	875	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 52.4%		ICU Level of Service A	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	33	16	0	790	14
Future Vol, veh/h	0	33	16	0	790	14
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	92	90
Heavy Vehicles, %	2	2	2	2	3	2
Mvmt Flow	0	37	18	0	859	16

Major/Minor	Minor2		Major2	
Conflicting Flow All	-	866	-	0
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	353	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-
Platoon blocked, %			-	-
Mov Cap-1 Maneuver	-	353	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	EB	SB
HCM Ctrl Dly, s/v	16.39	0
HCM LOS	C	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	353	-	-
HCM Lane V/C Ratio	0.104	-	-
HCM Ctrl Dly (s/v)	16.4	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.3	-	-

51: South Site Drwy (LI/RI/RO) & N. Salem Street Performance by movement

Movement	EBR	NBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	7.1	5.2	0.1	0.0	0.5

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	92	18	20	106	17	101	11	942	15	121	1046	46
Future Volume (vph)	92	18	20	106	17	101	11	942	15	121	1046	46
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1602	1561	0	1734	1592	0	1770	3522	0	1770	1863	1584
Flt Permitted	0.325			0.721			0.055			0.149		
Satd. Flow (perm)	548	1561	0	1316	1592	0	102	3522	0	278	1863	1584
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		27			160			4				77
Link Speed (mph)		15			25			25			35	
Link Distance (ft)		506			667			171			851	
Travel Time (s)		23.0			18.2			4.7			16.6	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.86	0.64	0.74	0.65	0.61	0.63	0.49	0.92	0.42	0.66	0.93	0.83
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	11%	11%	11%	2%	2%	2%	3%	3%	3%	3%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	107	55	0	163	188	0	22	1060	0	183	1125	55
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		19.0	19.0		20.0	60.0		26.0	66.0	15.0
Total Split (%)	12.5%	12.5%		15.8%	15.8%		16.7%	50.0%		21.7%	55.0%	12.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	21.0	8.6		22.0	11.6		81.0	58.0		79.0	76.5	90.9
Actuated g/C Ratio	0.18	0.07		0.18	0.10		0.68	0.48		0.66	0.64	0.76
v/c Ratio	0.60	0.40		0.56	0.63		0.13	0.62		0.41	0.95	0.05
Control Delay (s/veh)	53.6	40.4		48.0	21.6		7.8	25.3		22.1	39.2	0.7
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	0.0
Total Delay (s/veh)	53.6	40.4		48.0	21.6		7.8	25.3		22.1	39.2	0.7

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	D		D	C		A	C		C	D	A
Approach Delay (s/veh)		49.1			33.8			24.9			35.4	
Approach LOS		D			C			C			D	
Queue Length 50th (ft)	76	23		111	21		5	321		45	~954	0
Queue Length 95th (ft)	124	41		121	22		7	410		53	#1243	5
Internal Link Dist (ft)		426			587			91			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	186	154		296	327		280	1704		444	1186	1225
Starvation Cap Reductn	0	0		0	0		0	0		0	0	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.58	0.36		0.55	0.57		0.08	0.62		0.41	0.95	0.04

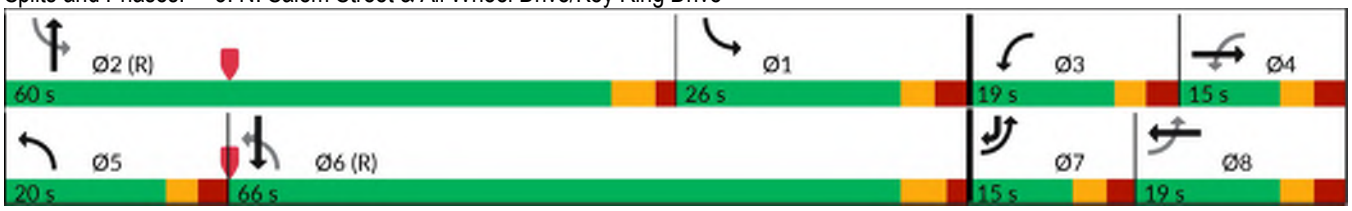
Intersection Summary

Area Type: Other
Cycle Length: 120
Actuated Cycle Length: 120
Offset: 114 (95%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 145
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.95
Intersection Signal Delay (s/veh): 32.1 Intersection LOS: C
Intersection Capacity Utilization 85.9% ICU Level of Service E
Analysis Period (min) 15
Description: 05-1989

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	967	125	67	1080
Future Volume (vph)	0	0	967	125	67	1080
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1752	1845
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1752	1845
Link Speed (mph)	15		25			25
Link Distance (ft)	205		162			295
Travel Time (s)	9.3		4.4			8.0
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.50	0.50	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	3%	3%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1074	250	134	1174
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 66.8%		ICU Level of Service C	
Analysis Period (min) 15			

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.5	0.2	0.0	0.2	0.3
Total Del/Veh (s)	2.2	2.0	11.3	1.0	2.0

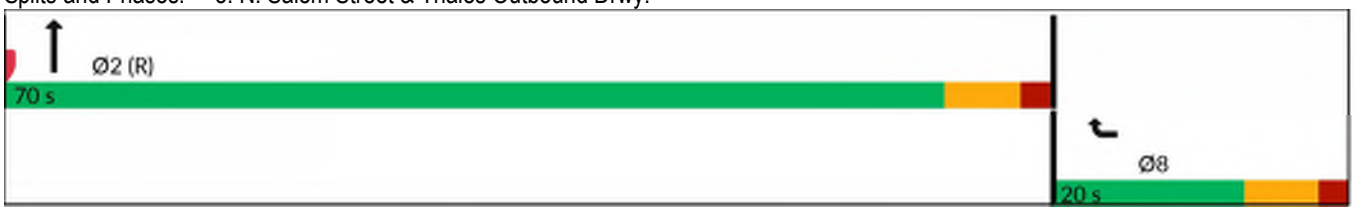
Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	216	858	0	0	0
Future Volume (vph)	0	216	858	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1827	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1827	0	0	0
Right Turn on Red		Yes		Yes		
Satd. Flow (RTOR)		151				
Link Speed (mph)	25		25			25
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.5
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.50	0.79	0.79	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	4%	4%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	432	1086	0	0	0
Turn Type		Prot	NA			
Protected Phases		8	2			
Permitted Phases						
Detector Phase		8	2			
Switch Phase						
Minimum Initial (s)		7.0	10.0			
Minimum Split (s)		14.0	25.0			
Total Split (s)		20.0	70.0			
Total Split (%)		22.2%	77.8%			
Yellow Time (s)		5.0	5.0			
All-Red Time (s)		2.0	2.0			
Lost Time Adjust (s)		-2.0	-2.0			
Total Lost Time (s)		5.0	5.0			
Lead/Lag						
Lead-Lag Optimize?						
Recall Mode		Max	Max			
Act Effct Green (s)		15.0	65.0			
Actuated g/C Ratio		0.17	0.72			
v/c Ratio		1.10	0.82			
Control Delay (s/veh)		99.2	15.5			
Queue Delay		0.0	0.0			
Total Delay (s/veh)		99.2	15.5			

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
LOS		F	B			
Approach Delay (s/veh)	99.2		15.5			
Approach LOS	F		B			
Queue Length 50th (ft)		~206	365			
Queue Length 95th (ft)		97	404			
Internal Link Dist (ft)	392		99			11
Turn Bay Length (ft)						
Base Capacity (vph)		394	1319			
Starvation Cap Reductn		0	0			
Spillback Cap Reductn		0	0			
Storage Cap Reductn		0	0			
Reduced v/c Ratio		1.10	0.82			

Intersection Summary	
Area Type: Other	
Cycle Length: 90	
Actuated Cycle Length: 90	
Offset: 0 (0%), Referenced to phase 2:NBT and 6:, Start of Green	
Natural Cycle: 90	
Control Type: Pretimed	
Maximum v/c Ratio: 1.10	
Intersection Signal Delay (s/veh): 39.4	Intersection LOS: D
Intersection Capacity Utilization 66.9%	ICU Level of Service C
Analysis Period (min) 15	

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

Splits and Phases: 5: N. Salem Street & Thales Outbound Drwy.



Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	0	969	1163	37
Future Volume (vph)	0	0	0	969	1163	37
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			-2%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	0	0			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	0	0	1881	1855	0
Flt Permitted						
Satd. Flow (perm)	0	0	0	1881	1855	0
Link Speed (mph)	15			25	25	
Link Distance (ft)	474			295	171	
Travel Time (s)	21.5			8.0	4.7	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1077	1333	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 66.8%		ICU Level of Service C	
Analysis Period (min) 15			

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	26	38	0	1032	33
Future Volume (vph)	0	26	38	0	1032	33
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	1	1			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	1611	1770	0	1838	0
Flt Permitted			0.950			
Satd. Flow (perm)	0	1611	1770	0	1838	0
Link Speed (mph)	25			25	25	
Link Distance (ft)	602			174	73	
Travel Time (s)	16.4			4.7	2.0	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.92	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	3%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	29	42	0	1159	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 66.3%	ICU Level of Service C
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	0.5

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	26	38	0	1032	33
Future Vol, veh/h	0	26	38	0	1032	33
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	92	90
Heavy Vehicles, %	2	2	2	2	3	2
Mvmt Flow	0	29	42	0	1122	37

Major/Minor	Minor2		Major2	
Conflicting Flow All	-	1140	-	0
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	245	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-
Platoon blocked, %			-	-
Mov Cap-1 Maneuver	-	245	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	EB	SB
HCM Ctrl Dly, s/v	21.68	0
HCM LOS	C	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	245	-	-
HCM Lane V/C Ratio	0.118	-	-
HCM Ctrl Dly (s/v)	21.7	-	-
HCM Lane LOS	C	-	-
HCM 95th %tile Q(veh)	0.4	-	-

51: South Site Drwy (LI/RI/RO) & N. Salem Street Performance by movement

Movement	EBR	NBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	20.2	16.3	0.3	0.0	1.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	0	0	0	355	426	17	254	1003	487	34	963	300
Future Volume (vph)	0	0	0	355	426	17	254	1003	487	34	963	300
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			-1%			-1%			1%	
Storage Length (ft)	0		0	600		225	0		25	100		115
Storage Lanes	0		0	1		1	1		1	1		1
Taper Length (ft)	25			50			25			125		
Satd. Flow (prot)	0	0	0	1690	1771	1591	1778	3557	1591	1761	5060	1575
Flt Permitted				0.950	0.996		0.174			0.232		
Satd. Flow (perm)	0	0	0	1690	1771	1591	326	3557	1591	430	5060	1575
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)						137						229
Link Speed (mph)		35			45			35			35	
Link Distance (ft)		1167			1014			369			397	
Travel Time (s)		22.7			15.4			7.2			7.7	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)				10%								
Lane Group Flow (vph)	0	0	0	333	481	18	265	1045	507	35	1003	313
Turn Type				Split	NA	Perm	D.P+P	NA	pm+ov	D.Pm	NA	Prot
Protected Phases				3	3		4 5	1 2 4	3		6	6
Permitted Phases						3	6		1 2 4	1 2 4		
Detector Phase				3	3	3	4 5	1 2 4	3	1 2 4	6	6
Switch Phase												
Minimum Initial (s)				7.0	7.0	7.0			7.0		12.0	12.0
Minimum Split (s)				13.2	13.2	13.2			13.2		18.0	18.0
Total Split (s)				27.0	27.0	27.0			27.0		45.0	45.0
Total Split (%)				23.5%	23.5%	23.5%			23.5%		39.1%	39.1%
Yellow Time (s)				4.6	4.6	4.6			4.6		4.4	4.4
All-Red Time (s)				1.6	1.6	1.6			1.6		1.6	1.6
Lost Time Adjust (s)				-1.2	-1.2	-1.2			-1.2		-1.0	-1.0
Total Lost Time (s)				5.0	5.0	5.0			5.0		5.0	5.0
Lead/Lag				Lead	Lead	Lead			Lead		Lag	Lag
Lead-Lag Optimize?				Yes	Yes	Yes			Yes		Yes	Yes
Recall Mode				None	None	None			None		Min	Min
Act Effct Green (s)				22.0	22.0	22.0	76.0	82.6	115.0	82.6	40.0	40.0
Actuated g/C Ratio				0.19	0.19	0.19	0.66	0.72	1.00	0.72	0.35	0.35
v/c Ratio				1.03	1.42	0.04	0.39	0.41	0.32	0.11	0.57	0.45
Control Delay (s/veh)				104.4	242.4	0.2	15.1	1.4	0.3	6.0	32.1	10.3
Queue Delay				0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0
Total Delay (s/veh)				104.4	242.4	0.2	15.8	2.0	0.3	6.0	32.1	10.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS				F	F	A	B	A	A	A	C	B
Approach Delay (s/veh)					181.9			3.5			26.3	
Approach LOS					F			A			C	
Queue Length 50th (ft)				~283	~513	0	55	18	0	7	223	43
Queue Length 95th (ft)				#476	#734	0	m82	m18	m0	18	269	120
Internal Link Dist (ft)		1087			934			289			317	
Turn Bay Length (ft)				600		225			25	100		115
Base Capacity (vph)				323	338	415	682	2522	1591	304	1760	697
Starvation Cap Reductn				0	0	0	185	973	0	0	0	0
Spillback Cap Reductn				0	0	0	0	0	0	0	0	0
Storage Cap Reductn				0	0	0	0	0	0	0	0	0
Reduced v/c Ratio				1.03	1.42	0.04	0.53	0.67	0.32	0.12	0.57	0.45

Intersection Summary

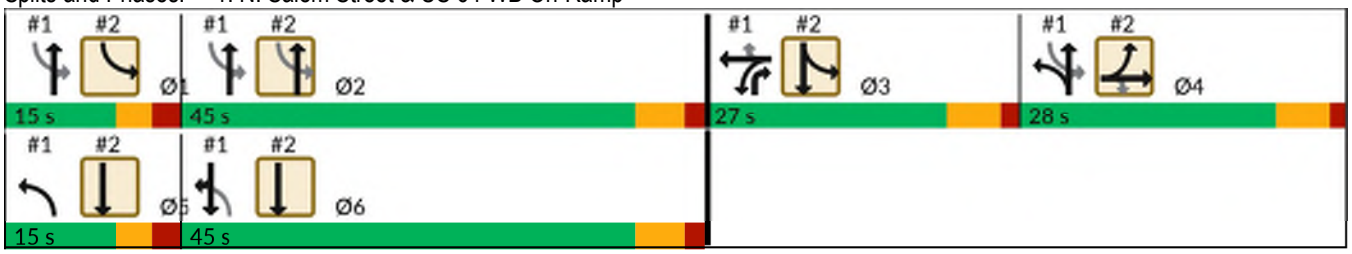
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 115
Natural Cycle: 100
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.42
Intersection Signal Delay (s/veh): 48.3 Intersection LOS: D
Intersection Capacity Utilization 69.1% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 1: N. Salem Street & US 64 WB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	700	4	305	0	0	0	0	1048	76	231	1085	0
Future Volume (vph)	700	4	305	0	0	0	0	1048	76	231	1085	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	300		350	0		0	150		0	0		0
Storage Lanes	1		1	0		0	1		0	1		0
Taper Length (ft)	250			25			100			25		
Satd. Flow (prot)	1681	1686	1583	0	0	0	0	5034	0	1770	3539	0
Flt Permitted	0.950	0.953								0.117		
Satd. Flow (perm)	1681	1686	1583	0	0	0	0	5034	0	218	3539	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)			138					11				
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1002			738			851			369	
Travel Time (s)		19.5			14.4			16.6			7.2	
Confl. Peds. (#/hr)												
Confl. Bikes (#/hr)												2
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)	50%											
Lane Group Flow (vph)	368	373	321	0	0	0	0	1183	0	243	1142	0
Turn Type	Split	NA	Perm					NA		D.P+P	NA	
Protected Phases	4	4						2		1 3	3 5 6	
Permitted Phases			4							2		
Detector Phase	4	4	4					2		1 3	3 5 6	
Switch Phase												
Minimum Initial (s)	7.0	7.0	7.0					12.0				
Minimum Split (s)	13.0	13.0	13.0					18.0				
Total Split (s)	28.0	28.0	28.0					45.0				
Total Split (%)	24.3%	24.3%	24.3%					39.1%				
Yellow Time (s)	4.6	4.6	4.6					4.4				
All-Red Time (s)	1.4	1.4	1.4					1.6				
Lost Time Adjust (s)	-1.0	-1.0	-1.0					-1.0				
Total Lost Time (s)	5.0	5.0	5.0					5.0				
Lead/Lag	Lag	Lag	Lag					Lag				
Lead-Lag Optimize?	Yes	Yes	Yes					Yes				
Recall Mode	None	None	None					Min				
Act Effct Green (s)	23.0	23.0	23.0					40.0		70.8	80.8	
Actuated g/C Ratio	0.20	0.20	0.20					0.35		0.62	0.70	
v/c Ratio	1.10	1.11	0.75					0.67		0.44	0.46	
Control Delay (s/veh)	120.6	124.1	36.5					33.9		18.8	4.3	
Queue Delay	0.0	0.0	0.0					0.0		0.0	0.1	
Total Delay (s/veh)	120.6	124.1	36.5					33.9		18.8	4.4	

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	F	F	D					C		B	A	
Approach Delay (s/veh)		96.4						33.9			7.0	
Approach LOS		F						C			A	
Queue Length 50th (ft)	~329	~336	132					273		89	50	
Queue Length 95th (ft)	#532	#540	#261					326		m137	m55	
Internal Link Dist (ft)		922			658			771			289	
Turn Bay Length (ft)	300		350									
Base Capacity (vph)	336	337	427					1760		555	2486	
Starvation Cap Reductn	0	0	0					0		0	400	
Spillback Cap Reductn	0	0	0					0		0	0	
Storage Cap Reductn	0	0	0					0		0	0	
Reduced v/c Ratio	1.10	1.11	0.75					0.67		0.44	0.55	

Intersection Summary

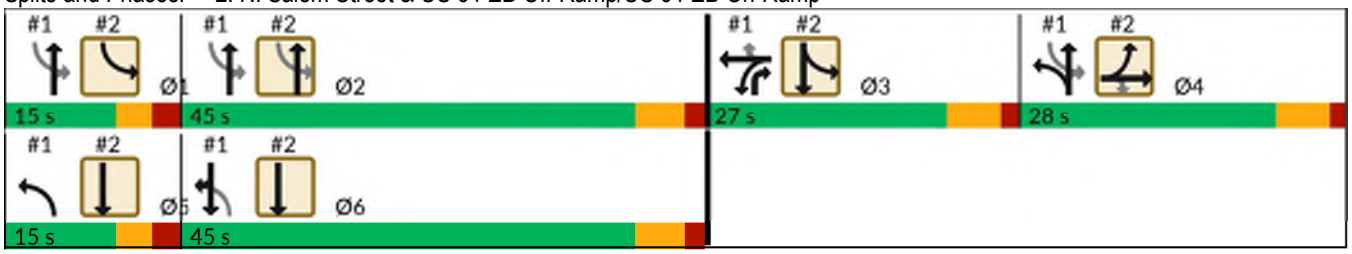
Area Type: Other
Cycle Length: 115
Actuated Cycle Length: 115
Natural Cycle: 100
Control Type: Actuated-Uncoordinated
Maximum v/c Ratio: 1.42
Intersection Signal Delay (s/veh): 41.9 Intersection LOS: D
Intersection Capacity Utilization 67.1% ICU Level of Service C
Analysis Period (min) 15
Description: 05-1408

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 2: N. Salem Street & US 64 EB Off-Ramp/US 64 EB On-Ramp



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	89	13	24	19	16	36	9	995	4	17	1323	35
Future Volume (vph)	89	13	24	19	16	36	9	995	4	17	1323	35
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1743	1655	0	1734	1615	0	1787	3571	0	1787	1881	1599
Flt Permitted	0.721			0.731			0.045			0.222		
Satd. Flow (perm)	1316	1655	0	1334	1615	0	85	3571	0	418	1881	1565
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		26			38			1				71
Link Speed (mph)		15			25			35			35	
Link Distance (ft)		506			667			171			851	
Travel Time (s)		23.0			18.2			3.3			16.6	
Confl. Peds. (#/hr)	4					4						
Confl. Bikes (#/hr)												3
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	95	40	0	20	55	0	10	1063	0	18	1407	37
Turn Type	D.P+P	NA		D.P+P	NA		D.P+P	NA		D.P+P	NA	pm+ov
Protected Phases	7	4		3	8		5	2		1	6	7
Permitted Phases	8			4			6			2		6
Detector Phase	7	4		3	8		5	2		1	6	7
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	7.0
Minimum Split (s)	12.4	28.9		12.8	31.9		12.6	26.8		12.8	27.8	12.4
Total Split (s)	15.0	15.0		15.0	15.0		15.0	85.0		15.0	85.0	15.0
Total Split (%)	11.5%	11.5%		11.5%	11.5%		11.5%	65.4%		11.5%	65.4%	11.5%
Yellow Time (s)	3.0	3.1		3.0	3.1		3.0	4.0		3.0	4.0	3.0
All-Red Time (s)	2.4	2.8		2.8	2.8		2.6	1.8		2.8	1.8	2.4
Lost Time Adjust (s)	-0.4	-0.9		-0.8	-0.9		-0.6	-0.8		-0.8	-0.8	-0.4
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag	Lead	Lag		Lead	Lag		Lead	Lead		Lag	Lag	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes		Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	None
Act Effct Green (s)	16.3	15.0		18.3	8.4		98.7	93.7		97.7	97.2	106.6
Actuated g/C Ratio	0.13	0.12		0.14	0.06		0.76	0.72		0.75	0.75	0.82
v/c Ratio	0.49	0.19		0.09	0.40		0.06	0.41		0.04	1.00	0.03
Control Delay (s/veh)	56.1	29.2		45.2	33.7		5.3	9.4		5.1	42.6	0.2
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	29.2	0.0
Total Delay (s/veh)	56.1	29.2		45.2	33.7		5.3	9.4		5.1	71.9	0.2

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	E	C		D	C		A	A		A	E	A
Approach Delay (s/veh)		48.1			36.7			9.4			69.2	
Approach LOS		D			D			A			E	
Queue Length 50th (ft)	72	10		14	14		2	151		4	~1069	0
Queue Length 95th (ft)	124	49		38	58		7	299		11	#1713	2
Internal Link Dist (ft)		426			587			91			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	203	219		230	159		195	2575		419	1406	1305
Starvation Cap Reductn	0	0		0	0		0	0		0	108	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.47	0.18		0.09	0.35		0.05	0.41		0.04	1.08	0.03

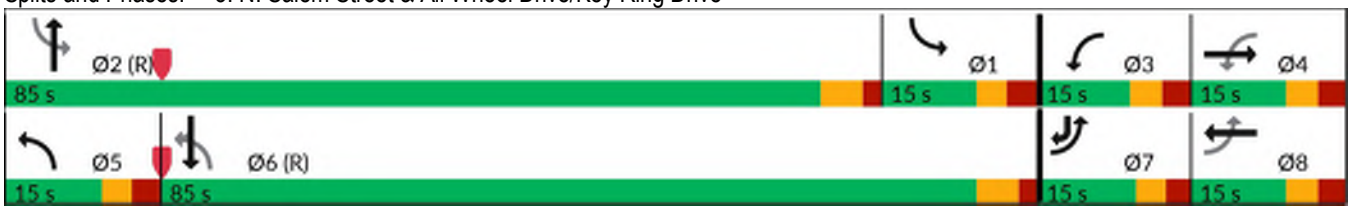
Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 116 (89%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 145
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 1.00
Intersection Signal Delay (s/veh): 43.9 Intersection LOS: D
Intersection Capacity Utilization 89.6% ICU Level of Service E
Analysis Period (min) 15
Description: 05-1989

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	0	1006	7	4	1329
Future Volume (vph)	0	0	1006	7	4	1329
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		85	200	
Storage Lanes	0	0		1	1	
Taper Length (ft)	25				75	
Satd. Flow (prot)	0	0	1863	1583	1770	1863
Flt Permitted					0.950	
Satd. Flow (perm)	0	0	1863	1583	1770	1863
Link Speed (mph)	15		35			35
Link Distance (ft)	205		162			295
Travel Time (s)	9.3		3.2			5.7
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	1059	7	4	1399
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 76.0%		ICU Level of Service D	
Analysis Period (min) 15			

4: N. Salem Street & Thales Inbound Driveway Performance by movement

Movement	NBT	NBR	SBL	SBT	All
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1
Total Del/Veh (s)	0.7	1.6	9.6	1.8	1.3

Lane Group	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Volume (vph)	0	14	997	0	0	0
Future Volume (vph)	0	14	997	0	0	0
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%		0%			0%
Storage Length (ft)	0	0		0	0	
Storage Lanes	0	1		0	0	
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1611	1863	0	0	0
Flt Permitted						
Satd. Flow (perm)	0	1611	1863	0	0	0
Link Speed (mph)	25		25			30
Link Distance (ft)	472		179			91
Travel Time (s)	12.9		4.9			2.1
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.92	0.95	0.95	0.86	0.92	0.92
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%		0%			0%
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	15	1049	0	0	0
Sign Control	Stop		Free			Free

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 62.5%		ICU Level of Service B	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	0	14	997	0	0	0
Future Vol, veh/h	0	14	997	0	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	92	95	95	86	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	15	1049	0	0	0

Major/Minor	Minor1		Major1	
Conflicting Flow All	-	1049	0	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	276	-	0
Stage 1	0	-	-	0
Stage 2	0	-	-	0
Platoon blocked, %			-	
Mov Cap-1 Maneuver	-	276	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	WB	NB
HCM Ctrl Dly, s/v	18.77	0
HCM LOS	C	

Minor Lane/Major Mvmt	NBT	WBLn1
Capacity (veh/h)	-	276
HCM Lane V/C Ratio	-	0.053
HCM Ctrl Dly (s/v)	-	18.8
HCM Lane LOS	-	C
HCM 95th %tile Q(veh)	-	0.2

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	15	23	29	1020	1250	61
Future Volume (vph)	15	23	29	1020	1250	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	250			0
Storage Lanes	1	0	1			0
Taper Length (ft)	25		100			
Satd. Flow (prot)	1678	0	1770	1863	1852	0
Flt Permitted	0.980		0.950			
Satd. Flow (perm)	1678	0	1770	1863	1852	0
Link Speed (mph)	25			35	35	
Link Distance (ft)	1132			1013	385	
Travel Time (s)	30.9			19.7	7.5	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						1
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	40	0	31	1074	1380	0
Sign Control	Stop			Free	Free	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 79.5%	ICU Level of Service D
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	15	23	29	1020	1250	61
Future Vol, veh/h	15	23	29	1020	1250	61
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	250	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	95	95	95	95	95	95
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	16	24	31	1074	1316	64

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2483	1348	1380	0	-	0
Stage 1	1348	-	-	-	-	-
Stage 2	1135	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	33	185	497	-	-	-
Stage 1	242	-	-	-	-	-
Stage 2	307	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	31	185	497	-	-	-
Mov Cap-2 Maneuver	133	-	-	-	-	-
Stage 1	227	-	-	-	-	-
Stage 2	307	-	-	-	-	-

Approach	EB	NB	SB
HCM Ctrl Dly, s/v	34.86	0.35	0
HCM LOS	D		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	497	-	160	-	-
HCM Lane V/C Ratio	0.061	-	0.25	-	-
HCM Ctrl Dly (s/v)	12.7	-	34.9	-	-
HCM Lane LOS	B	-	D	-	-
HCM 95th %tile Q(veh)	0.2	-	0.9	-	-

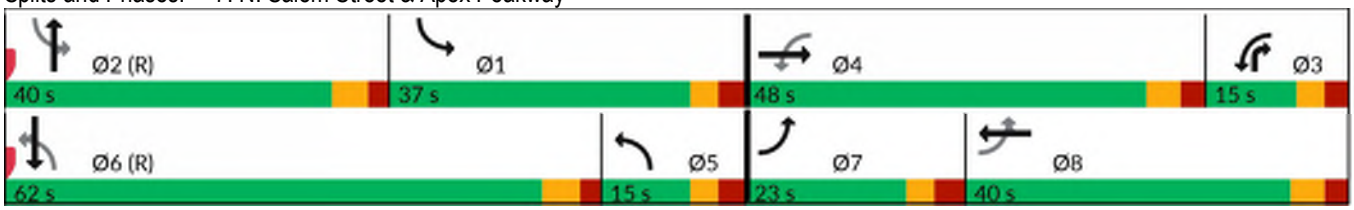
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	132	358	44	30	326	497	23	433	33	436	626	228
Future Volume (vph)	132	358	44	30	326	497	23	433	33	436	626	228
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		2%			2%			-1%			1%	
Storage Length (ft)	250		0	375		275	135		150	300		25
Storage Lanes	1		0	1		1	1		1	1		1
Taper Length (ft)	175			50			75			50		
Satd. Flow (prot)	1752	1815	0	1752	1844	1568	1778	1872	1591	1761	1853	1575
Flt Permitted	0.204			0.164			0.200			0.150		
Satd. Flow (perm)	375	1815	0	302	1844	1517	374	1872	1591	278	1853	1528
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		5				499			161			163
Link Speed (mph)		35			35			35			35	
Link Distance (ft)		1619			1013			1214			1013	
Travel Time (s)		31.5			19.7			23.6			19.7	
Confl. Peds. (#/hr)	4					4	3					3
Confl. Bikes (#/hr)												
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	138	419	0	31	340	518	24	451	34	454	652	238
Turn Type	D.P+P	NA		D.P+P	NA	Perm	D.P+P	NA	pm+ov	D.P+P	NA	Perm
Protected Phases	7	4		3	8		5	2	3	1	6	
Permitted Phases	8			4		8	6		2	2		6
Detector Phase	7	4		3	8	8	5	2	3	1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0	7.0	7.0	10.0	7.0	7.0	10.0	10.0
Minimum Split (s)	13.1	13.1		12.4	28.1	28.1	12.6	15.9	12.4	12.6	26.9	26.9
Total Split (s)	23.0	48.0		15.0	40.0	40.0	15.0	40.0	15.0	37.0	62.0	62.0
Total Split (%)	16.4%	34.3%		10.7%	28.6%	28.6%	10.7%	28.6%	10.7%	26.4%	44.3%	44.3%
Yellow Time (s)	3.0	3.7		3.0	3.7	3.7	3.0	3.9	3.0	3.0	3.9	3.9
All-Red Time (s)	3.1	2.4		2.4	2.4	2.4	2.6	2.0	2.4	2.6	2.0	2.0
Lost Time Adjust (s)	-1.1	-1.1		-0.4	-1.1	-1.1	-0.6	-0.9	-0.4	-0.6	-0.9	-0.9
Total Lost Time (s)	5.0	5.0		5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lead/Lag	Lead	Lead		Lag	Lag	Lag	Lag	Lead	Lag	Lag	Lead	Lead
Lead-Lag Optimize?	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None		None	None	None	None	C-Max	None	None	C-Max	C-Max
Act Effct Green (s)	44.1	38.5		45.4	30.9	30.9	77.9	43.9	56.0	75.9	71.9	71.9
Actuated g/C Ratio	0.32	0.28		0.32	0.22	0.22	0.56	0.31	0.40	0.54	0.51	0.51
v/c Ratio	0.56	0.83		0.17	0.84	0.72	0.08	0.77	0.05	0.93	0.69	0.28
Control Delay (s/veh)	39.4	62.4		33.3	69.9	10.6	17.5	54.9	0.1	71.1	33.7	9.0
Queue Delay	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (s/veh)	39.4	62.4		33.3	69.9	10.6	17.5	54.9	0.1	71.1	33.7	9.0

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	D	E		C	E	B	B	D	A	E	C	A
Approach Delay (s/veh)		56.7			34.1			49.4			42.0	
Approach LOS		E			C			D			D	
Queue Length 50th (ft)	89	366		19	301	14	9	381	0	327	490	38
Queue Length 95th (ft)	129	477		39	406	129	27	#635	0	#573	#771	107
Internal Link Dist (ft)		1539			933			1134			933	
Turn Bay Length (ft)	250			375		275	135		150	300		25
Base Capacity (vph)	305	560		205	465	755	308	586	721	489	951	863
Starvation Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0		0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.45	0.75		0.15	0.73	0.69	0.08	0.77	0.05	0.93	0.69	0.28

Intersection Summary

Area Type: Other
Cycle Length: 140
Actuated Cycle Length: 140
Offset: 0 (0%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 95
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.93
Intersection Signal Delay (s/veh): 43.5 Intersection LOS: D
Intersection Capacity Utilization 91.0% ICU Level of Service E
Analysis Period (min) 15
Description: 05-2347
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 7: N. Salem Street & Apex Peakway



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	34	512	4	4	552	51	4	4	6	24	4	43
Future Volume (vph)	34	512	4	4	552	51	4	4	6	24	4	43
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1855	0	0	1842	0	0	1730	0	0	1681	0
Flt Permitted		0.997						0.986			0.983	
Satd. Flow (perm)	0	1855	0	0	1842	0	0	1730	0	0	1681	0
Link Speed (mph)		35			35			25			25	
Link Distance (ft)		1183			1283			422			1177	
Travel Time (s)		23.0			25.0			11.5			32.1	
Confl. Peds. (#/hr)	8					8						
Confl. Bikes (#/hr)						1						
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	585	0	0	645	0	0	14	0	0	76	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 63.3%	ICU Level of Service B
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	2.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	34	512	4	4	552	51	4	4	6	24	4	43
Future Vol, veh/h	34	512	4	4	552	51	4	4	6	24	4	43
Conflicting Peds, #/hr	8	0	0	0	0	8	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	94	94	94	94	94	94	94	94	94	94	94	94
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	36	545	4	4	587	54	4	4	6	26	4	46

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	649	0	0	549	0	0	1217	1277	547	1250	1252	622
Stage 1	-	-	-	-	-	-	619	619	-	631	631	-
Stage 2	-	-	-	-	-	-	598	658	-	619	621	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	937	-	-	1021	-	-	158	166	537	150	172	486
Stage 1	-	-	-	-	-	-	476	480	-	469	474	-
Stage 2	-	-	-	-	-	-	489	461	-	476	479	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	929	-	-	1021	-	-	130	155	537	134	160	483
Mov Cap-2 Maneuver	-	-	-	-	-	-	130	155	-	134	160	-
Stage 1	-	-	-	-	-	-	449	453	-	462	468	-
Stage 2	-	-	-	-	-	-	436	455	-	440	452	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	0.56	0.06	23.74	26.46
HCM LOS			C	D

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	207	111	-	-	12	-	-	242
HCM Lane V/C Ratio	0.072	0.039	-	-	0.004	-	-	0.312
HCM Ctrl Dly (s/v)	23.7	9	0	-	8.5	0	-	26.5
HCM Lane LOS	C	A	A	-	A	A	-	D
HCM 95th %tile Q(veh)	0.2	0.1	-	-	0	-	-	1.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	28	19	4	14	67	6	4	4	9	7	4	18
Future Volume (vph)	28	19	4	14	67	6	4	4	9	7	4	18
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1779	0	0	1800	0	0	1699	0	0	1686	0
Flt Permitted		0.975			0.992			0.988			0.988	
Satd. Flow (perm)	0	1779	0	0	1800	0	0	1699	0	0	1686	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		1160			1132			467			766	
Travel Time (s)		31.6			30.9			12.7			20.9	
Confl. Peds. (#/hr)			6	6								
Confl. Bikes (#/hr)												
Peak Hour Factor	0.90	0.77	0.77	0.77	0.77	0.90	0.77	0.90	0.77	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	4%	4%	4%	4%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	61	0	0	112	0	0	21	0	0	32	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 18.5%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Intersection Delay, s/veh	7.5
Intersection LOS	A

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	28	19	4	14	67	6	4	4	9	7	4	18
Future Vol, veh/h	28	19	4	14	67	6	4	4	9	7	4	18
Peak Hour Factor	0.90	0.77	0.77	0.77	0.77	0.90	0.77	0.90	0.77	0.90	0.90	0.90
Heavy Vehicles, %	2	4	4	4	4	2	2	2	2	2	2	2
Mvmt Flow	31	25	5	18	87	7	5	4	12	8	4	20
Number of Lanes	0	1	0	0	1	0	0	1	0	0	1	0

Approach	EB	WB	NB	SB
Opposing Approach	WB	EB	SB	NB
Opposing Lanes	1	1	1	1
Conflicting Approach Left	SB	NB	EB	WB
Conflicting Lanes Left	1	1	1	1
Conflicting Approach Right	NB	SB	WB	EB
Conflicting Lanes Right	1	1	1	1
HCM Control Delay, s/veh	7.5	7.7	7.2	7.2
HCM LOS	A	A	A	A

Lane	NBLn1	EBLn1	WBLn1	SBLn1
Vol Left, %	24%	55%	16%	24%
Vol Thru, %	24%	37%	77%	14%
Vol Right, %	53%	8%	7%	62%
Sign Control	Stop	Stop	Stop	Stop
Traffic Vol by Lane	17	51	87	29
LT Vol	4	28	14	7
Through Vol	4	19	67	4
RT Vol	9	4	6	18
Lane Flow Rate	21	61	112	32
Geometry Grp	1	1	1	1
Degree of Util (X)	0.024	0.071	0.127	0.035
Departure Headway (Hd)	3.985	4.175	4.099	3.922
Convergence, Y/N	Yes	Yes	Yes	Yes
Cap	883	854	873	898
Service Time	2.077	2.221	2.135	2.013
HCM Lane V/C Ratio	0.024	0.071	0.128	0.036
HCM Control Delay, s/veh	7.2	7.5	7.7	7.2
HCM Lane LOS	A	A	A	A
HCM 95th-tile Q	0.1	0.2	0.4	0.1

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	4	4	4	33	4	9	4	4	83	6	4	4
Future Volume (vph)	4	4	4	33	4	9	4	4	83	6	4	4
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1429	0	0	1701	0	0	1629	0	0	1736	0
Flt Permitted		0.980			0.971			0.998			0.976	
Satd. Flow (perm)	0	1429	0	0	1701	0	0	1629	0	0	1736	0
Link Speed (mph)		15			15			30			15	
Link Distance (ft)		510			506			784			550	
Travel Time (s)		23.2			23.0			17.8			25.0	
Confl. Peds. (#/hr)			2	2								
Confl. Bikes (#/hr)												
Peak Hour Factor	0.52	0.52	0.90	0.90	0.52	0.52	0.90	0.90	0.90	0.52	0.90	0.52
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	33%	33%	2%	2%	8%	8%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	20	0	0	62	0	0	100	0	0	24	0
Sign Control		Free			Free			Stop			Stop	

Intersection Summary	
Area Type:	Other
Control Type: Unsignalized	
Intersection Capacity Utilization 17.4%	ICU Level of Service A
Analysis Period (min) 15	

Intersection	
Int Delay, s/veh	7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	4	4	4	33	4	9	4	4	83	6	4	4
Future Vol, veh/h	4	4	4	33	4	9	4	4	83	6	4	4
Conflicting Peds, #/hr	0	0	2	2	0	0	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	52	52	90	90	52	52	90	90	90	52	90	52
Heavy Vehicles, %	33	33	2	2	8	8	2	2	2	2	2	2
Mvmt Flow	8	8	4	37	8	17	4	4	92	12	4	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	25	0	0	14	0	0	111	126	12	115	119	16
Stage 1	-	-	-	-	-	-	27	27	-	90	90	-
Stage 2	-	-	-	-	-	-	83	98	-	25	30	-
Critical Hdwy	4.43	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.497	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1410	-	-	1604	-	-	868	765	1069	862	771	1063
Stage 1	-	-	-	-	-	-	990	872	-	918	821	-
Stage 2	-	-	-	-	-	-	925	814	-	992	871	-
Platoon blocked, %		-	-		-	-						
Mov Cap-1 Maneuver	1410	-	-	1601	-	-	830	742	1067	760	748	1063
Mov Cap-2 Maneuver	-	-	-	-	-	-	830	742	-	760	748	-
Stage 1	-	-	-	-	-	-	983	866	-	896	801	-
Stage 2	-	-	-	-	-	-	892	795	-	897	864	-

Approach	EB	WB	NB	SB
HCM Ctrl Dly, s/v	2.94	4.34	8.86	9.44
HCM LOS			A	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	1034	651	-	-	940	-	-	835
HCM Lane V/C Ratio	0.098	0.005	-	-	0.023	-	-	0.028
HCM Ctrl Dly (s/v)	8.9	7.6	0	-	7.3	0	-	9.4
HCM Lane LOS	A	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.3	0	-	-	0.1	-	-	0.1

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	0	0	1009	1335	39
Future Volume (vph)	0	0	0	1009	1335	39
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			-2%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	0	0			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	0	0	1881	1855	0
Flt Permitted						
Satd. Flow (perm)	0	0	0	1881	1855	0
Link Speed (mph)	15			35	35	
Link Distance (ft)	474			295	171	
Travel Time (s)	21.5			5.7	3.3	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.90	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	0	0	1121	1526	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 76.0%		ICU Level of Service D	
Analysis Period (min) 15			

Lane Group	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Volume (vph)	0	28	40	0	1297	33
Future Volume (vph)	0	28	40	0	1297	33
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12
Grade (%)	0%			0%	0%	
Storage Length (ft)	0	0	0			0
Storage Lanes	0	1	1			0
Taper Length (ft)	25		25			
Satd. Flow (prot)	0	1611	1770	0	1855	0
Flt Permitted			0.950			
Satd. Flow (perm)	0	1611	1770	0	1855	0
Link Speed (mph)	25			35	35	
Link Distance (ft)	602			174	73	
Travel Time (s)	16.4			3.4	1.4	
Confl. Peds. (#/hr)						
Confl. Bikes (#/hr)						
Peak Hour Factor	0.90	0.90	0.90	0.90	0.95	0.90
Growth Factor	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0
Parking (#/hr)						
Mid-Block Traffic (%)	0%			0%	0%	
Shared Lane Traffic (%)						
Lane Group Flow (vph)	0	31	44	0	1402	0
Sign Control	Stop			Free	Free	

Intersection Summary			
Area Type:	Other		
Control Type: Unsignalized			
Intersection Capacity Utilization 80.3%		ICU Level of Service D	
Analysis Period (min) 15			

Intersection	
Int Delay, s/veh	0.6

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	0	28	40	0	1297	33
Future Vol, veh/h	0	28	40	0	1297	33
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	-	0	0	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	90	90	90	90	95	90
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	31	44	0	1365	37

Major/Minor	Minor2		Major2	
Conflicting Flow All	-	1384	-	0
Stage 1	-	-	-	-
Stage 2	-	-	-	-
Critical Hdwy	-	6.22	-	-
Critical Hdwy Stg 1	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-
Follow-up Hdwy	-	3.318	-	-
Pot Cap-1 Maneuver	0	176	-	-
Stage 1	0	-	-	-
Stage 2	0	-	-	-
Platoon blocked, %			-	-
Mov Cap-1 Maneuver	-	176	-	-
Mov Cap-2 Maneuver	-	-	-	-
Stage 1	-	-	-	-
Stage 2	-	-	-	-

Approach	EB	SB
HCM Ctrl Dly, s/v	29.82	0
HCM LOS	D	

Minor Lane/Major Mvmt	EBLn1	SBT	SBR
Capacity (veh/h)	176	-	-
HCM Lane V/C Ratio	0.177	-	-
HCM Ctrl Dly (s/v)	29.8	-	-
HCM Lane LOS	D	-	-
HCM 95th %tile Q(veh)	0.6	-	-

51: South Site Drwy (LI/RI/RO) & N. Salem Street Performance by movement

Movement	EBR	NBL	SBT	SBR	All
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Del/Veh (s)	17.4	22.2	0.5	0.1	1.7

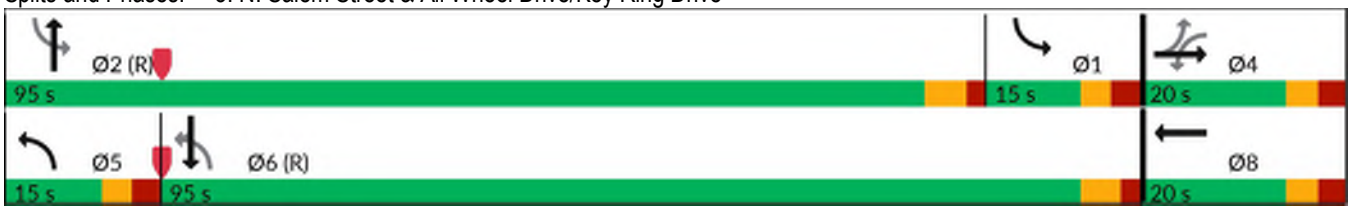
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	89	13	24	19	16	36	9	995	4	17	1323	35
Future Volume (vph)	89	13	24	19	16	36	9	995	4	17	1323	35
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	12	12	12	12	12	12	12	12	12	12	12	12
Grade (%)		3%			4%			-2%			-2%	
Storage Length (ft)	115		0	250		0	75		150	250		0
Storage Lanes	1		0	1		0	1		1	1		1
Taper Length (ft)	85			50			50			125		
Satd. Flow (prot)	1743	1655	0	1734	1615	0	1787	3571	0	1787	1881	1599
Flt Permitted	0.721			0.731			0.040			0.241		
Satd. Flow (perm)	1316	1655	0	1334	1615	0	75	3571	0	453	1881	1565
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		26			38			1				71
Link Speed (mph)		15			25			35			35	
Link Distance (ft)		506			667			171			851	
Travel Time (s)		23.0			18.2			3.3			16.6	
Confl. Peds. (#/hr)	4					4						
Confl. Bikes (#/hr)												3
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
Growth Factor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Heavy Vehicles (%)	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%
Bus Blockages (#/hr)	0	0	0	0	0	0	0	0	0	0	0	0
Parking (#/hr)												
Mid-Block Traffic (%)		0%			0%			0%			0%	
Shared Lane Traffic (%)												
Lane Group Flow (vph)	95	40	0	20	55	0	10	1063	0	18	1407	37
Turn Type	Perm	NA		D.Pm	NA		D.P+P	NA		D.P+P	NA	Perm
Protected Phases		4			8		5	2		1	6	
Permitted Phases	4			4			6			2		6
Detector Phase	4	4		4	8		5	2		1	6	6
Switch Phase												
Minimum Initial (s)	7.0	7.0		7.0	7.0		7.0	10.0		7.0	10.0	10.0
Minimum Split (s)	28.9	28.9		28.9	31.9		12.6	26.8		12.8	27.8	27.8
Total Split (s)	20.0	20.0		20.0	20.0		15.0	95.0		15.0	95.0	95.0
Total Split (%)	15.4%	15.4%		15.4%	15.4%		11.5%	73.1%		11.5%	73.1%	73.1%
Yellow Time (s)	3.1	3.1		3.1	3.1		3.0	4.0		3.0	4.0	4.0
All-Red Time (s)	2.8	2.8		2.8	2.8		2.6	1.8		2.8	1.8	1.8
Lost Time Adjust (s)	-0.9	-0.9		-0.9	-0.9		-0.6	-0.8		-0.8	-0.8	-0.8
Total Lost Time (s)	5.0	5.0		5.0	5.0		5.0	5.0		5.0	5.0	5.0
Lead/Lag							Lead	Lead		Lag	Lag	Lag
Lead-Lag Optimize?							Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None		None	None		None	C-Max		None	C-Max	C-Max
Act Effct Green (s)	13.1	13.1		13.1	13.1		105.9	100.9		104.9	104.4	104.4
Actuated g/C Ratio	0.10	0.10		0.10	0.10		0.81	0.78		0.81	0.80	0.80
v/c Ratio	0.72	0.21		0.15	0.28		0.06	0.38		0.04	0.93	0.03
Control Delay (s/veh)	85.2	28.8		54.8	26.7		3.2	6.1		2.8	24.3	0.3
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	15.1	0.0
Total Delay (s/veh)	85.2	28.8		54.8	26.7		3.2	6.1		2.8	39.4	0.3

Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
LOS	F	C		D	C		A	A		A	D	A
Approach Delay (s/veh)		68.5			34.2			6.1			38.0	
Approach LOS		E			C			A			D	
Queue Length 50th (ft)	79	11		16	13		1	105		2	744	0
Queue Length 95th (ft)	#151	48		43	55		5	231		7	#1584	2
Internal Link Dist (ft)		426			587			91			771	
Turn Bay Length (ft)	115			250			75			250		
Base Capacity (vph)	151	213		153	219		193	2772		468	1510	1270
Starvation Cap Reductn	0	0		0	0		0	0		0	134	0
Spillback Cap Reductn	0	0		0	0		0	0		0	0	0
Storage Cap Reductn	0	0		0	0		0	0		0	0	0
Reduced v/c Ratio	0.63	0.19		0.13	0.25		0.05	0.38		0.04	1.02	0.03

Intersection Summary

Area Type: Other
Cycle Length: 130
Actuated Cycle Length: 130
Offset: 116 (89%), Referenced to phase 2:NBSB and 6:NBSB, Start of Green
Natural Cycle: 150
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.93
Intersection Signal Delay (s/veh): 26.9 Intersection LOS: C
Intersection Capacity Utilization 89.6% ICU Level of Service E
Analysis Period (min) 15
Description: 05-1989
95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 3: N. Salem Street & All Wheel Drive/Key Ring Drive



Appendix H:

Signal Plan & Timing Data

Intersection: US 64 Ramps

Signal Inventory #:

Collected by:

Date:

AM Peak Hour

Coordinated:

Plan #:

Duration:

Cycle Length:

Offset:

Phase Seq. Page:

Laging Phases:

Timing Page:

Free

Phase	1	2	3	4	5	6	7	8
Splits/Max								
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

PM Peak Hour

Coordinated:

Plan #:

Duration:

Cycle Length:

Offset:

Phase Seq. Page:

Laging Phases:

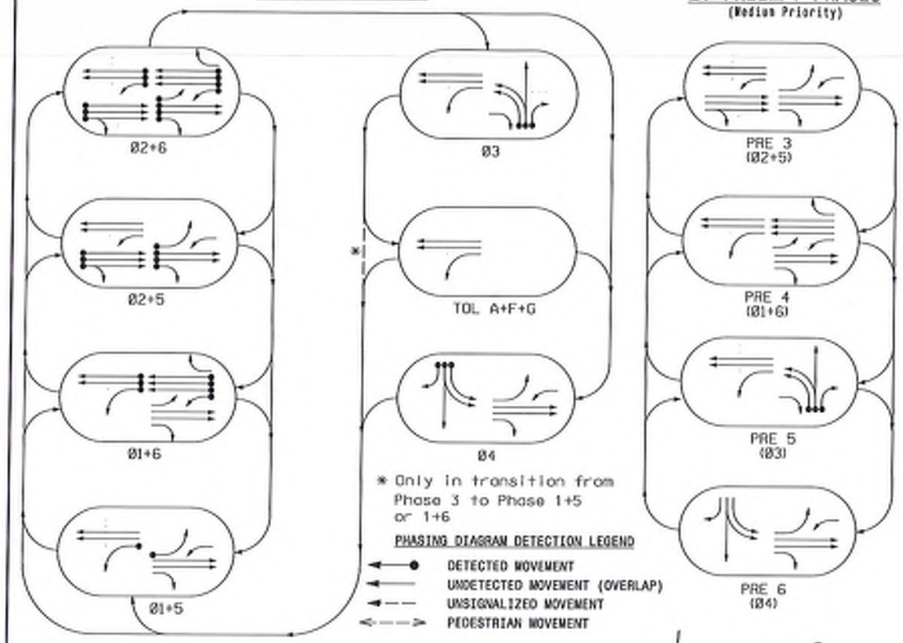
Timing Page:

Phase	1	2	3	4	5	6	7	8
Splits/Max								
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

Notes:

PROJECT REFERENCE NO.	SHEET NO.
36249.3834	SIG. 11

PHASING DIAGRAM



EV PREEMPT PHASES

(Medium Priority)

TABLE OF OPERATION

SIGNAL FACE	PHASE Ø1+5	Ø1+6	Ø2+5	Ø2+6	Ø3	TOL A+F+G	Ø4	PRE 3	PRE 4	PRE 5	PRE 6	FLASH
11	--	--	F/Y	F/Y	--	--	-R	F/Y	--	--	-R	-Y
21, 22, 25	R	R	G	G	R	R	R	G	R	R	R	Y
23	G	G	G	G	R	R	G	G	G	R	G	Y
24	G	G	G	G	R/G	R	G	G	G	R/G	G	Y
31	-R	-R	-R	-R	--	-R	-R	-R	-R	--	-R	-R
32	R	R	R	R	G	R	R	R	R	G	R	R
33	R	R	R	R	G	R	R	R	R	G	R	R
41	-R	-R	-R	-R	-R	-R	--	-R	-R	-R	--	-R
42	R	R	R	R	R	G	R	R	R	G	R	R
43	R	R	R	R	R	G	R	R	R	G	R	R
51	--	F/Y	--	F/Y	-R	-R	--	--	F/Y	-R	--	-Y
61	F/Y	F/Y	F/Y	F/Y	-R	-R	F/Y	F/Y	F/Y	-R	F/Y	-Y
62,63,66	R	G	R	G	R	R	R	R	G	R	R	Y
64, 65	G	G	G	G	G	G	R	G	G	G	R	Y

OASIS 2070L LOOP & DETECTOR INSTALLATION CHART

INDUCTIVE LOOPS					DETECTOR PROGRAMMING						
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6X40	0	2-4-2	Y	1	Y	Y	-	-	15	-	-
					6	Y	Y	Y	-	3	-	-
2A	6X6	70	6	Y	2	Y	Y	-	-	-	-	-
2B	6X6	70	6	Y	2	Y	Y	-	-	-	-	-
2C	6X6	70	6	Y	2	Y	Y	-	-	-	-	-
2D	6X6	70	6	Y	2	Y	Y	-	-	-	-	-
2E	6X6	70	6	Y	2	Y	Y	-	-	-	-	-
3A	6X60	+5	2-4-2	-	3	Y	Y	-	-	3	-	-
3B	6X60	+5	2-4-2	-	3	Y	Y	-	-	-	-	-
3C	6X60	+5	2-4-2	-	3	Y	Y	-	-	15	-	-
4A	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	-	-
4B	6X60	+5	2-4-2	-	4	Y	Y	-	-	-	-	-
4C	6X60	+5	2-4-2	-	4	Y	Y	-	-	15	-	-
5A	6X40	0	2-4-2	Y	5	Y	Y	-	-	15	-	-
					2	Y	Y	Y	-	3	-	-
6A	6X6	300	6	Y	6	Y	Y	-	-	-	-	-
6B	6X6	300	6	Y	6	Y	Y	-	-	-	-	-
6C	6X40	0	2-4-2	Y	6	Y	Y	Y	-	3	-	-
6D	6X6	270	6	Y	6	Y	Y	-	-	-	-	-
6E	6X6	270	6	Y	6	Y	Y	-	-	-	-	-

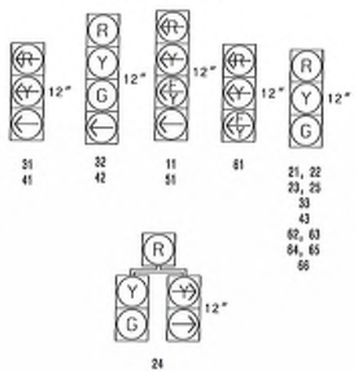
6 Phase
Fully Actuated with/
Emergency Vehicle Preemption
(Salem Street CLS)

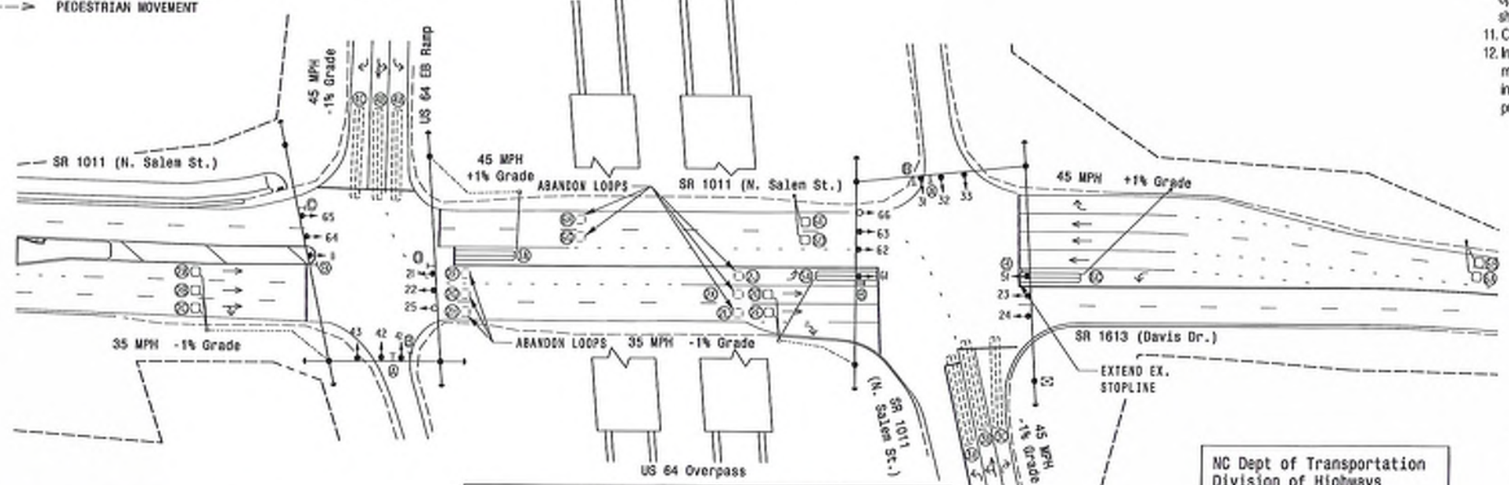
NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018, "Standard Specifications for Roads and Structures" dated January 2018, and all applicable sections of the latest version of the generic Project Special Provisions. The PSP can be accessed at the following website: https://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. The order of phase 3 and phase 4 may be reversed.
5. Reposition existing signal heads numbered 21, 22, 23, 24, 51, 61, 62 and 63.
6. Abandon existing loops 2F, 2G, 2H, 2J, 2K, 2L, 6G and 6H.
7. Set all detector units to presence mode.
8. In the event of loop replacement, refer to the current ITS and Signal Design Manual and submit a Plan of Record to the Signal Design Section.
9. Pavement markings are existing unless otherwise shown.
10. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
11. Closed loop system data: Intersection Number 1408.
12. Install Applied Information GPS emergency preemption system per manufacturers instructions to achieve preemption needed, as shown in phasing diagram. Confirm model with Town Staff prior to purchase.

SIGNAL FACE I.D.

All Heads L.E.D.





LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
	Directional Arrow	
N/A	Guardrail	
Ⓐ	Combined Through and Left Arrow Sign (R3-6L)	Ⓐ
Ⓑ	Left Arrow "ONLY" Sign (R3-5L)	Ⓑ
Ⓒ	No Right Turn Sign (R3-1)	Ⓒ
Ⓓ	No Left Turn Sign (R3-2)	Ⓓ

OASIS 2070L TIMING CHART

FEATURE	PHASE 1	2	3	4	5	6	TOL A	TOL F	TOL G
Min Green 1 *	7	~~10~~ 12	7	7	7	12	7	7	7
Extension 1 *	~~20~~ 3	3.0	~~20~~ 3	~~20~~ 3	~~20~~ 3	6.0			
Max Green 1 *	15	45	25	~~20~~ 30	15	45			
Yellow Clearance	3.0	4.4	4.6	4.6	3.0	4.4	3.0	4.4	3.0
Red Clearance	2.4	1.6	1.6	1.4	2.4	1.6	2.4	1.6	2.4
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0			
Walk 1 *	-	-	-	-	-	-			
Don't Walk 1	-	-	-	-	-	-			
Seconds Per Actuation *	-	-	-	-	-	1.5			
Max Variable Initial *	-	-	-	-	-	34			
Time Before Reduction *	-	-	-	-	-	15 X			
Time To Reduce *	-	-	-	-	-	45 X			
Minimum Gap	-	-	-	-	-	3.0 X			
Recall Mode	-	MIN RECALL	-	-	-	MIN RECALL			
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW			
Dual Entry	-	-	-	-	-	-			
Simultaneous Gap	ON	ON	ON	ON	ON	ON			

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

OASIS 2070 EV PREEMPT

FUNCTION	PRE 3	PRE 4	PRE 5	PRE 6
Interval 1 – Dwell Green	255	255	255	255
Interval 1 – Dwell Yellow	0.0*	0.0*	0.0*	0.0*
Interval 1 – Dwell Red	0.0*	0.0*	0.0*	0.0*
Interval 5 – Exit Green	1	1	1	1
Interval 5 – Yellow	0.0	0.0	0.0	0.0
Interval 5 – Red	0.0	0.0	0.0	0.0
Exit Phase(s)	2+6	2+6	3	4
Priority	MED	MED	MED	MED
Delay Time	0.0	0.0	0.0	0.0
Min Green Before Pre	1	1	1	1
Ped Clear Before Pre	0	0	0	0
Yellow Clear Before Pre	0.0*	0.0*	0.0*	0.0*
Red Clear Before Pre	0.0*	0.0*	0.0*	0.0*
Dwell Min Time	7	7	7	7
Dwell Max Time	120	120	120	120
Enable Backup Protection	N	N	N	N
Ped Clear Through Yellow	N	N	N	N
Omit Overlaps	-	-	-	-
Preempt Extend**	2	2	2	2

* Time defaults to time used [illegible] operation
** Program Timing on Optical Detection Unit

NC Dept of Transportation
Division of Highways
Final Drawing Date: 4/19/2018
[illegible]
ITS & Signals Unit

Signal Upgrade

Prepared For:
Transportation Mobility and Safety Division
Signal Design Section
750 N. Greenfield Pkwy, Garner, NC 27529

SR 1011 (N. Salem St.) and
SR 1613 (Davis Dr.)
at
US 64 Ramps

Division 5 Wake County Apex

PLAN DATE: January 2018	REVIEWED BY: SL Phillips
PREPARED BY: SF Pennington	REVIEWED BY:

SCALE 0 50 1"=50'

REVISIONS	INIT.	DATE

PLANS PREPARED IN THE OFFICE OF:
Kimley»Horn
NC License #F-0102
421 Fayetteville Street, Suite 600
Raleigh, NC 27601
(919) 677-2000

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032607 ENGINEER STACE L. PHILLIPS
4/11/2018
SIGNATURE DATE
SIG. INVENTORY NO. 05-1408

Intersection: Ave Wtown Dr

Signal Inventory #:

Collected by:

Date:

AM Peak Hour

Coordinated:

Plan #: 1/1

Duration: 7am-4pm

Cycle Length: 120

Offset: 114

Phase Seq. Page: 2

Laging Phases: 1

Timing Page: 1

Phase	1	2	3	4	5	6	7	8
Splits/Max	26	60	19	15	20	66	15	19
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

PM Peak Hour

Coordinated:

Plan #: 2/1

Duration: 4-7pm

Cycle Length: 130

Offset: 116

Phase Seq. Page: 2

Laging Phases: 1

Timing Page: 1

Phase	1	2	3	4	5	6	7	8
Splits/Max	20	80	15	15	15	85	15	15
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

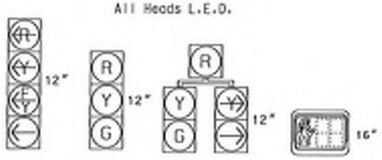
Notes:

PROJECT REFERENCE NO.	SHEET NO.
36249.3934	SIG. 1

8 PHASE FULLY ACTUATED W/ EMERGENCY VEHICLE PREEMPTION (SALEM STREET CLS)

SIGNAL FACE I.D.

All Heads L.E.D.



11	21, 22	62	P21, P22
31	41, 42		P41, P42
51	61		P61, P62
71	81, 82		P81, P82

OASIS 2070 LOOP & DETECTOR INSTALLATION CHART

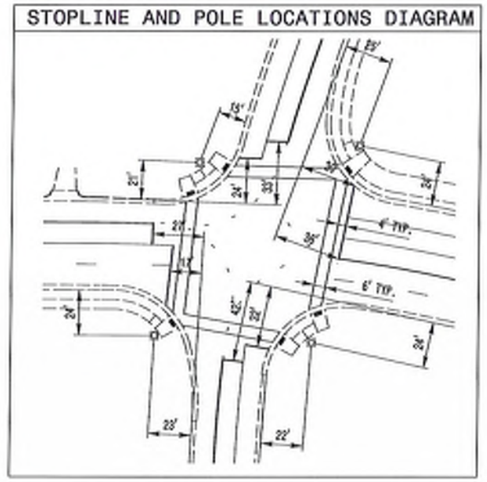
INDUCTIVE LOOPS					DETECTOR PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6X40	0	2-4-2	Y	1	Y	Y	-	-	15*	-	Y
					5**	Y	Y	-	-	-	-	Y
2A/S29	6X6	70	6	Y	2	Y	Y	-	-	-	Y	Y
2B/S30	6X6	70	6	Y	2	Y	Y	-	-	-	Y	Y
3A	6X40	0	2-4-2	Y	3	Y	Y	-	-	15*	-	Y
					8**	Y	Y	-	-	3	-	Y
4A	6X40	0	2-4-2	Y	4	Y	Y	-	-	10	-	Y
5A	6X40	0	2-4-2	Y	5	Y	Y	-	-	15*	-	Y
					2**	Y	Y	-	-	-	-	Y
6A	6X6	70	6	Y	6	Y	Y	-	-	-	-	Y
7A	6X40	0	2-4-2	Y	7	Y	Y	-	-	15*	-	Y
					4**	Y	Y	-	-	3	-	Y
8A	6X40	0	2-4-2	Y	8	Y	Y	-	-	10	-	Y
S31	6X6	+120	6	Y	-	Y	Y	-	-	-	Y	Y

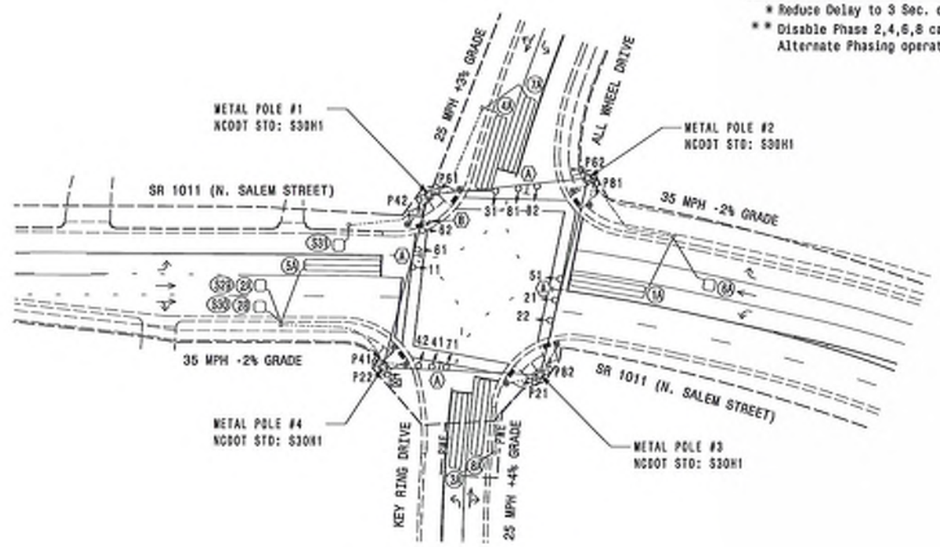
* Reduce Delay to 3 Sec. during Alternate Phasing operation.
** Disable Phase 2,4,6,8 calls for loops 1A,3A,5A,7A during Alternate Phasing operation.

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2018, "Standard Specifications for Roads and Structures" dated January 2018, and all applicable sections of the latest version of the generic Project Special Provisions. The PSP can be accessed at the following website: https://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx
2. Do not program signal for late night flashing operation unless otherwise directed by the Engineer.
3. Phase 1 and/or phase 5 may be lagged.
4. Phase 3 and/or phase 7 may be lagged.
5. Set all detector units to presence mode.
6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
7. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
8. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
9. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values shall supersede these values.
10. Pedestrian pedestals are conceptual and shown for reference only. See Roadway Standard Drawings 1705.04 for pushbutton location details.
11. The Division (Town) Traffic Engineer will determine the hours of use for each phasing plan.
12. Closed loop system data: Intersection Number 1989.
13. Install Applied Information GPS emergency preemption system per manufacturers instructions to achieve preemption needed, as shown in phasing diagram. Confirm model with Town Staff prior to purchase.

STOPLINE AND POLE LOCATIONS DIAGRAM





OASIS 2070 TIMING CHART

FEATURE	PHASE 1	2	3	4	5	6	7	8
Min Green 1 *	7	10	7	7	7	10	7	7
Extension 1 *	2.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0
Max Green 1 *	~~40~~ 35	60	~~20~~ 35	30	20	60	20	~~50~~ 40
Yellow Clearance	3.0	4.0	3.0	3.1	3.0	4.0	3.0	3.1
Red Clearance	2.8	1.8	2.8	2.8	2.6	1.8	2.4	2.8
Walk 1 *	-	7	-	7	-	7	-	7
Don't Walk 1	-	14	-	16	-	15	-	19
Seconds Per Actuation *	-	-	-	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-	-	-
Recall Mode	-	MIN RECALL	-	-	-	MIN RECALL	-	-
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW	-	-
Dual Entry	-	-	-	ON	-	-	-	ON
Simultaneous Gap	ON	ON	ON	ON	ON	ON	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

OASIS 2070 EV PREEMPT

FUNCTION	PRE 3	PRE 4	PRE 5
Interval 1 – Dwell Green	255	255	255
Interval 1 – Dwell Yellow	0.0*	0.0*	0.0*
Interval 1 – Dwell Red	0.0*	0.0*	0.0*
Interval 5 – Exit Green	1	1	1
Interval 5 – Yellow	0.0	0.0	0.0
Interval 5 – Red	0.0	0.0	0.0
Exit Phase(s)	2,6	2,6	4,8
Priority	MED	MED	MED
Delay Time	0.0	0.0	0.0
Min Green Before Pre	1	1	1
Ped Clear Before Pre	10	10	10
Yellow Clear Before Pre	0.0*	0.0*	0.0*
Red Clear Before Pre	0.0*	0.0*	0.0*
Dwell Min Time	7	7	7
Dwell Max Time	120	120	120
Enable Backup Protection	N	N	N
Ped Clear Through Yellow	Y	Y	Y
Omit Overlaps	-	-	-
Preempt Extend**	2	2	2

* Time defaults to time used in phase during normal operation
** Program Timing as Optical Detection Unit

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
	Type I Pushbutton Post	
	Metal Strain Pole	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
— PNE —	Permanent Signal Easement	— PNE —
	Directional Arrow	
N/A	Curb Ramp	
	Street Sign (D3-1)	
	Right Arrow "ONLY" Sign (R3-5R)	

NC Dept of Transportation
Division of Highways
Final Drawing Date: 4/19/2018
Reviewed by: [illegible]
ITS & Signals Unit

PLANS PREPARED IN THE OFFICE OF:
Kimley»Horn
NC License #F-0102
421 Fayetteville Street, Suite 600
Raleigh, NC 27601
(919) 677-2000

NEW INSTALLATION - SHEET 1 OF 2

Prepared For: Transportation Mobility and Safety Division, Signal Design Section
750 N. Greenfields Pkwy, Garner, NC 27529

SCALE 1"=40' (0 – 40')

SR 1011 (N. SALEM STREET)
AT
KEY RING DRIVE/ALL WHEEL DRIVE

DIVISION 5 WAKE COUNTY APEX

PLAN DATE:	NOVEMBER 2017	REVIEWED BY:	SL PHILLIPS
PREPARED BY:	SP PENNINGTON	REVIEWED BY:	KP BAUMANN

REVISIONS	INIT.	DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 032607 ENGINEER STACY L. PHILLIPS

Docusigned by: [signature] 4/11/2018
DOCUSIGNED SIGNATURE DATE

SIG. INVENTORY NO. 05-1989

4/10/2018 7:25:24 AM auburn.pennington K:\RAL_TMPA_STDWLS\HD\2257001 Salem Street Signal\64 - Signal Designs\01 05-1989_2011.dgn

Intersection: PARKWAY

Signal Inventory #:

Collected by:

Date:

AM Peak Hour

Coordinated: Plan Offset

Plan #: 4/4 / 1

Duration: 615-915

Cycle Length: 130

Offset: 2

Phase Seq. Page: 2

Laging Phases: 1,3

Timing Page: 2

Phase	1	2	3	4	5	6	7	8
Splits/Max	34	40	19	37	18	56	26	30
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

PM Peak Hour

Coordinated:

Plan #: 5/1

Duration: 345-645

Cycle Length: 140

Offset: 0

Phase Seq. Page: 2

Laging Phases: 1,3

Timing Page: 2

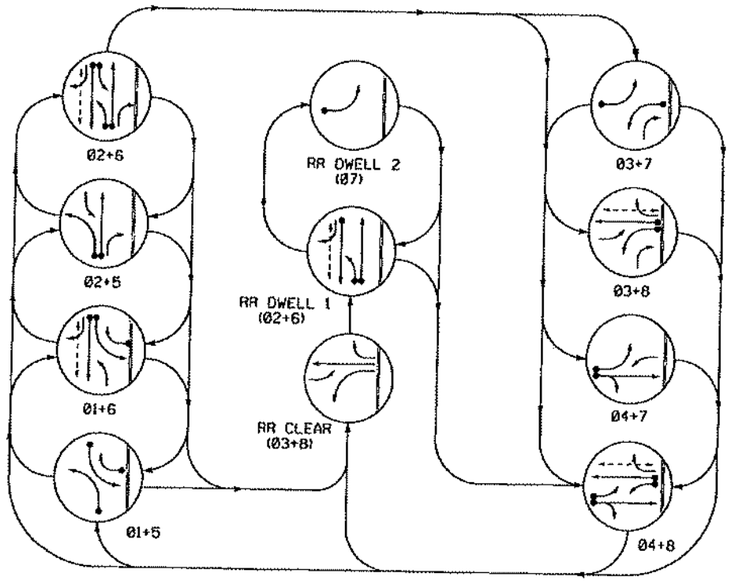
Phase	1	2	3	4	5	6	7	8
Splits/Max	37	40	18	45	18	59	23	40
Min. Green								
Yellow								
Red								
Veh. Ext.								
Walk								
Ped. Clear								
Time B4 Reduce								
Time 2 Reduce								
Min. Gap								
Seconds/Actuation								

Notes:

PROJECT REFERENCE NO.	SHEET NO.
Apex Peakway	Sig. 1

8 Phase w/Railroad Preemption Fully Acutated (Apex CBD Closed Loop System)

PHASING DIAGRAM

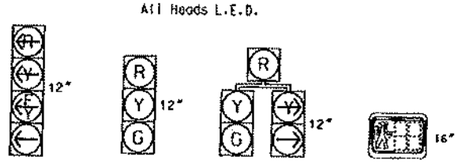


PHASING DIAGRAM DETECTION LEGEND

- DETECTED MOVEMENT
- UNDETECTED MOVEMENT (OVERLAP)
- UNSIGNALIZED MOVEMENT
- PEDESTRIAN MOVEMENT

SIGNAL FACE I.D.

All Heads L.E.D.



11 31 51 71	21 41, 42 61, 62 81	22 82	P61, P62 P81, P82

TABLE OF OPERATION

SIGNAL FACE	PHASE 01+5	01+6	02+5	02+6	03+7	03+8	04+7	04+8	RR CLEAR	RR DWELL 1	RR DWELL 2	FLASH
11	←	←	F	F	R	R	R	R	R	R	R	Y
21	R	R	G	G	R	R	R	R	R	G	R	Y
22	R	R	G	G	R/R		R	R	R	G	R	Y
31	R	R	R	R	—	—	F	F	—	R	R	R
41, 42	R	R	R	R	R	R	G	G	R	R	R	R
51	—	F	—	F	R	R	R	R	R	F	R	Y
61, 62	R	G	R	G	R	R	R	R	R	G	R	Y
71	R	R	R	R	—	F	—	F	F	R	—	R
81	R	R	R	R	G	R	G	G	G	R	R	R
82	R/R		R	R	R	G	R	G	G	R	R	R
P61, P62	DW	W	DW	W	DW	DW	DW	DW	DW	W	DW	DRK
P81, P82	DW	DW	DW	DW	DW	W	DW	W	DW	DW	DW	DRK
Sign A	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	*

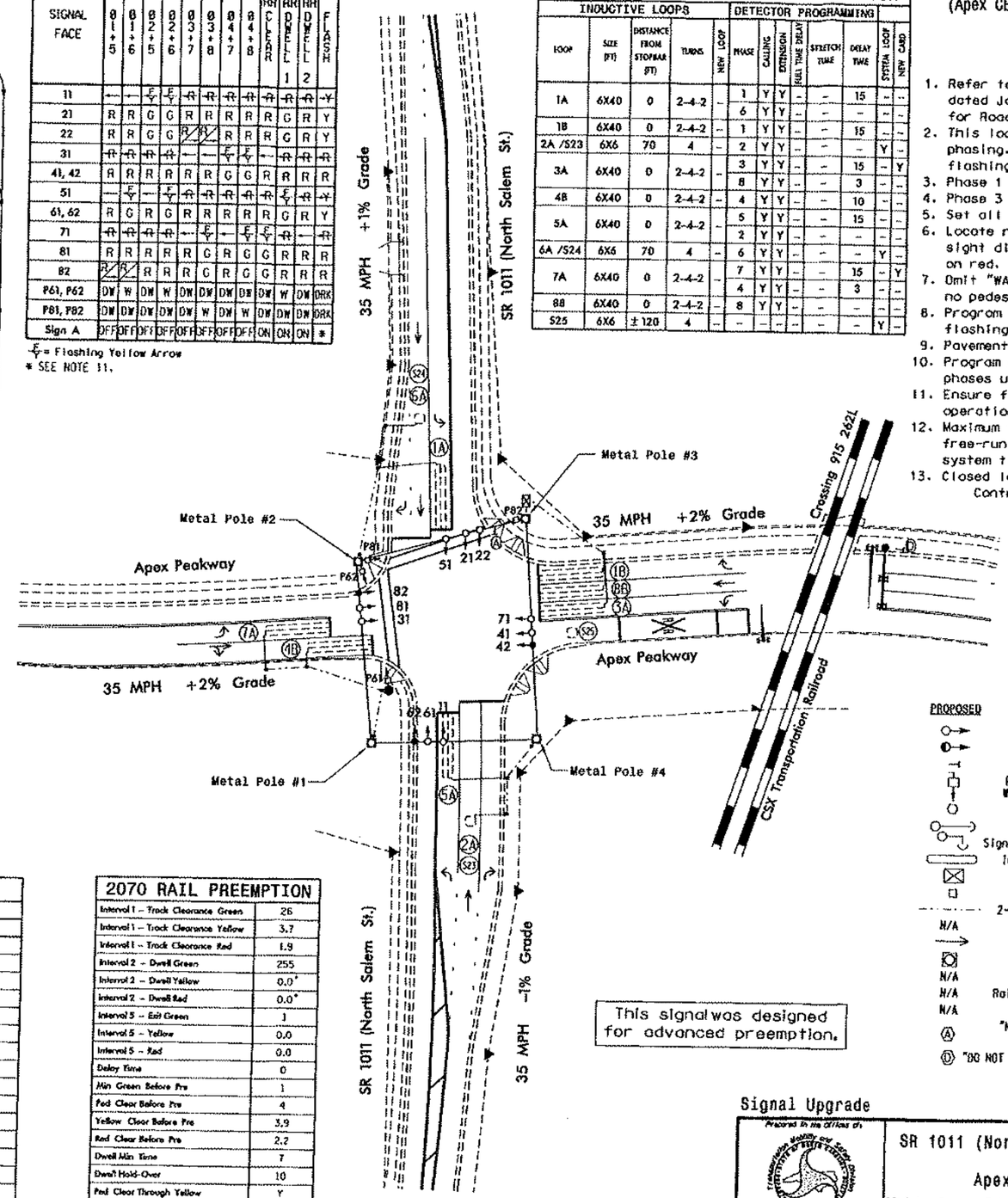
F = Flashing Yellow Arrow
* SEE NOTE 11.

2070L LOOP & DETECTOR INSTALLATION

INDUCTIVE LOOPS					DETECTOR PROGRAMMING							
LOOP	SIZE (FT)	DISTANCE FROM STOPBAR (FT)	TURNS	NEW LOOP	PHASE	CALLING	EXTENSION	FULL TIME DELAY	STRETCH TIME	DELAY TIME	SYSTEM LOOP	NEW CARD
1A	6X40	0	2-4-2	–	1	Y	Y	–	–	15	–	–
					6	Y	Y	–	–	–	–	–
1B	6X40	0	2-4-2	–	1	Y	Y	–	–	15	–	–
2A /S23	6X6	70	4	–	2	Y	Y	–	–	–	Y	–
3A	6X40	0	2-4-2	–	3	Y	Y	–	–	15	–	Y
					8	Y	Y	–	–	3	–	–
4B	6X40	0	2-4-2	–	4	Y	Y	–	–	10	–	–
5A	6X40	0	2-4-2	–	5	Y	Y	–	–	15	–	–
					2	Y	Y	–	–	–	–	–
6A /S24	6X6	70	4	–	6	Y	Y	–	–	–	Y	–
7A	6X40	0	2-4-2	–	7	Y	Y	–	–	15	–	Y
					4	Y	Y	–	–	3	–	–
8B	6X40	0	2-4-2	–	8	Y	Y	–	–	–	–	–
S25	6X6	± 120	4	–	–	–	–	–	–	–	Y	–

NOTES

1. Refer to "Roadway Standard Drawings NCDOT" dated January 2012 and "Standard Specifications for Roads and Structures" dated January 2012.
2. This location contains railroad preemption phasing. Do not program signal for late night flashing operation.
3. Phase 1 and/or phase 5 may be lagged.
4. Phase 3 and/or phase 7 may be lagged.
5. Set all detector units to presence mode.
6. Locate new cabinet so as not to obstruct sight distance of vehicles turning right on red.
7. Omit "WALK" and flashing "DON'T WALK" with no pedestrian calls.
8. Program pedestrian heads to countdown the flashing "Don't Walk" time only.
9. Pavement markings are existing.
10. Program parent phases for Overlap "P" for all phases used in normal operation.
11. Ensure flashing operation does not alter operation of blackout signs.
12. Maximum times shown in timing chart are for free-run operation only. Coordinated signal system timing values supersede these values.
13. Closed loop system data:
    Controller Asset #: 2347.



This signal was designed for advanced preemption.

LEGEND

PROPOSED		EXISTING
	Traffic Signal Head	
	Modified Signal Head	N/A
	Sign	
	Pedestrian Signal Head With Push Button & Sign	
	Signal Pedestal	
	Signal Pole with Guy	
	Signal Pole with Sidewalk Guy	
	Inductive Loop Detector	
	Controller & Cabinet	
	Junction Box	
	2-in Underground Conduit	
N/A	Right of Way	
	Directional Arrow	
	Metal Strain Pole	
N/A	Railroad Cantilever	
N/A	Railroad Gate and Flasher	
N/A	Railroad Tracks	
Ⓐ	"NO RIGHT TURN - TRAIN" LED Blankout Sign	Ⓐ
Ⓓ	"DO NOT STOP ON TRACKS" Sign (R8-8)	Ⓓ

OASIS 2070L TIMING CHART

FEATURE	PHASE 1	2	3	4	5	6	7	8
Min Green 1 *	7	10	7	7	7	10	7	7
Extension 1 *	2.0	3.0	2.0	2.0	2.0	3.0	2.0	2.0
Max Green 1 *	15	90	15	40	15	90	15	40
Yellow Clearance	3.0	3.9	3.0	3.7	3.0	3.9	3.0	3.7
Red Clearance	2.6	2.0	2.4	2.4	2.6	2.0	3.1	2.4
Red Revert	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Walk 1 *	-	-	-	-	-	7	-	7
Don't Walk 1	-	-	-	-	-	14	-	15
Seconds Per Actuation *	-	-	-	-	-	-	-	-
Max Variable Initial *	-	-	-	-	-	-	-	-
Time Before Reduction *	-	-	-	-	-	-	-	-
Time To Reduce *	-	-	-	-	-	-	-	-
Minimum Gap	-	-	-	-	-	-	-	-
Recall Mode	-	MIN RECALL	-	-	-	MIN RECALL	-	-
Vehicle Call Memory	-	YELLOW	-	-	-	YELLOW	-	-
Dual Entry	-	-	-	ON	-	-	-	ON
Simultaneous Gap	ON	ON	ON	ON	ON	ON	ON	ON

* These values may be field adjusted. Do not adjust Min Green and Extension times for phases 2 and 6 lower than what is shown. Min Green for all other phases should not be lower than 4 seconds.

2070 RAIL PREEMPTION

Interval 1 – Track Clearance Green	26
Interval 1 – Track Clearance Yellow	3.7
Interval 1 – Track Clearance Red	1.9
Interval 2 – Dwell Green	255
Interval 2 – Dwell Yellow	0.0*
Interval 2 – Dwell Red	0.0*
Interval 5 – Exit Green	1
Interval 5 – Yellow	0.0
Interval 5 – Red	0.0
Delay Time	0
Min Green Before Pre	1
Ped Clear Before Pre	4
Yellow Clear Before Pre	3.9
Red Clear Before Pre	2.2
Dwell Min Time	7
Dwell Hold-Over	10
Ped Clear Through Yellow	Y
Omit Overlaps	

* Time defaults to time used for phase during normal operation.

Signal Upgrade

Prepared in the Offices of:
Transportation Mobility and Safety Division of Traffic Engineering Signal Design Section
750 N. Greenfield Pkwy, Garner, NC 27529

SR 1011 (North Salem Street) at Apex Peakway

Division 5 Wake County Apex

PLAN DATE: June 2012 REVIEWED BY:
PREPARED BY: Q. Watkins REVIEWED BY:

REVISIONS | INIT. | DATE

SCALE 0 40 1"=40'

SEAL
NORTH CAROLINA PROFESSIONAL SEAL 026486 ENGINEER ROBERT J. ZIEMBA
SIGNATURE DATE
SIG. INSPECTOR'S NO. DE 2017

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
PHONE 919-249-3426

PUBLIC NOTIFICATION OF PUBLIC HEARINGS

CONDITIONAL ZONING #25CZ24
North Salem Street Mixed Use PUD

Pursuant to the provisions of North Carolina General Statutes §160D-602 and to the Town of Apex Unified Development Ordinance (UDO) Section 2.2.11, notice is hereby given of public hearings before the Planning Board of the Town of Apex. The purpose of these hearings is to consider the following:

Applicant: Merit Group, LLC
Authorized Agents: Matthew Carpenter, Parker Poe, LLP & Paul Munana, Merit Group, LLC
Property Addresses: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln
Acreage: ±32.35 acres
Property Identification Numbers (PINs): 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712
Current 2045 Land Use Map Designation: Mixed Use: High Density Residential/Office Employment/Commercial Services (4.92 ± acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (27.38 ± acres)
If rezoned as proposed, the 2045 Land Use Map Designation will change to: Mixed Use: High Density Residential/Office Employment/Commercial Services (8.27 ± acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (24.03± acres)
Existing Zoning of Properties: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Proposed Zoning of Properties: Planned Unit Development-Conditional Zoning (PUD-CZ)

Public Hearing Location: Apex Town Hall
Council Chamber, 2nd Floor
73 Hunter Street, Apex, North Carolina

Planning Board Public Hearing Date and Time: September 14, 2026 4:30 PM

You may attend the meeting in person or view the meeting through the Town's YouTube livestream at: https://www.youtube.com/c/townofapexgov.

If you are unable to attend, you may provide a written statement by email to public.hearing@apexnc.org, or submit it to the clerk of the Planning Board, Jeri Pederson (73 Hunter Street or USPS mail - P.O. Box 250, Apex, NC 27502), at least two business days prior to the Planning Board vote. You must provide your name and address for the record. The written statements will be delivered to the Planning Board prior to their vote. Please include the Public Hearing name in the subject line.

A separate notice of the Town Council public hearing on this project will be mailed and posted in order to comply with State public notice requirements.

Vicinity Map:

Property owners, tenants, and neighborhood associations within 500 feet of the proposed conditional zoning have been sent this notice via first class mail. All interested parties may submit comments with respect to the application by the means specified above. In addition to the above map, the location of the property may be viewed online at https://maps.raleighnc.gov/imaps. The 2045 Land Use Map may be viewed online at www.apexnc.org/DocumentCenter/View/478. You may call 919-249-3426, Planning Department, with questions or for further information. To view the petition and related documents on-line: https://www.apexnc.org/DocumentCenter/View/52723.

Dianne F. Khin, AICP
Planning Director

Published Dates: August 28 – September 14, 2026

TOWN OF APEX
PO BOX 250
APEX, NORTH CAROLINA 27502
TELÉFONO 919-249-3426

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS

ORDENAMIENTO TERRITORIAL CONDICIONAL #25CZ24
North Salem Street Mixed Use PUD

De conformidad con las disposiciones de los Estatutos Generales de Carolina del Norte §160D-602 y con la Sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del ayuntamiento de Apex, por la presente se notifican las audiencias públicas ante la Junta de Planificación de Apex. El propósito de estas audiencias es considerar lo siguiente:

Solicitante: Merit Group, LLC
Agente autorizado: Matthew Carpenter, Parker Poe, LLP & Paul Munana, Merit Group, LLC
Dirección de las propiedades: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem Street; 0 Charlion Downs Lane
Superficie: ±32.35 acres
Números de identificación de las propiedades: 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712
Designación actual en el Mapa de Uso Territorial para 2045: Mixed Use: High Density Residential/Office Employment/Commercial Services (4.92± acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (27.38 ± acres)
Si se aprueba el cambio de zonificación como se propone, el Mapa de Uso Territorial para el 2045 cambiará a: Mixed Use: High Density Residential/Office Employment/Commercial Services (8.27 ± acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (24.03 ± acres)
Ordenamiento territorial existente de las propiedades: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Ordenamiento territorial propuesto para las propiedades: Planned Unit Development-Conditional Zoning (PUD-CZ)

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2º piso
73 Hunter Street, Apex, Carolina del Norte

Fecha y hora de la audiencia pública de la Junta de Planificación: 14 de septiembre de 2026 4:30 P.M.

Puede asistir a la reunión de manera presencial o seguir la transmisión en directo por YouTube a través del siguiente enlace: https://www.youtube.com/c/townofapexgov.

Si no puede asistir, puede enviar una declaración escrita por correo electrónico a public.hearing@apexnc.org, o presentarla a la secretaría de la Junta de Planificación, Jeri Pederson (73 Hunter Street o por correo USPS a P.O. Box 250, Apex, NC 27502), al menos dos días hábiles antes de la votación de la Junta de Planificación. Debe proporcionar su nombre y dirección para que conste en el registro. Las declaraciones escritas se entregarán a la Junta de Planificación antes de la votación. No olvide incluir el nombre de la audiencia pública en el asunto.

De conformidad con los requisitos estatales de notificaciones públicas, se enviará por correo y se publicará por separado una notificación de la audiencia pública del Consejo Municipal sobre este proyecto.

Mapa de las inmediaciones:

Los propietarios, inquilinos y asociaciones de vecinos en un radio de 500 pies del Ordenamiento Territorial Condicional propuesto han recibido esta notificación por correo postal de primera clase. Todas las partes interesadas pueden presentar comentarios sobre la solicitud a través de los medios especificados anteriormente. La ubicación de la propiedad también puede verse aquí: https://maps.raleighnc.gov/imaps. Puede ver el Mapa de Uso Territorial para 2045 aquí: www.apexnc.org/DocumentCenter/View/478. Si tiene preguntas o desea obtener más información, puede comunicarse con el Departamento de Planificación al 919-249-3426. Puede ver la solicitud y otros documentos relacionados aquí: https://www.apexnc.org/DocumentCenter/View/52723

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 28 de agosto – 14 de septiembre de 2026

https://www.apexnc.org/DocumentCenter/View/56045/PBPN-25CZ24Tb-dlid=

Draw | 1 of 2 | Edit with Acrobat

TOWN OF APEX

PUBLIC NOTIFICATION
OF PUBLIC HEARINGS
CONDITIONAL ZONING #25CZ24
North Salem Street Mixed Use PUD

Pursuant to the provisions of North Carolina General Statutes §160D-602 and to the Town of Apex Unified Development Ordinance (UDO) Section 2.2.11, notice is hereby given of public hearings before the Planning Board of the Town of Apex. The purpose of these hearings is to consider the following:

Applicant: Merit Group, LLC
Authorized Agents: Matthew Carpenter, Parker Poe, LLP & Paul Morpina, Merit Group, LLC
Property Addresses: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 & Salem St/0 Charlton Downs Ln
Acreage: 152.35 acres
Property Identification Numbers (PINs): 0742360651, 0742363796, 0742360783, 0742360836, 0742360909, 0742362719, 0742368487, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742360573, 0742369429, 0742362378, 0742361712
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Public Hearing Location: Apex Town Hall
Council Chamber, 2nd Floor
73 Hunter Street, Apex, North Carolina

Planning Board Public Hearing Date and Time: September 14, 2026, 4:30 PM

You may attend the meeting in person or view the meeting through the Town's YouTube livestream at: https://www.youtube.com/c/TownofApexgov.

If you are unable to attend, you may provide a written statement by email to public.hearing@apexnc.org, or submit it to the clerk of the Planning Board, Jeri Pedersen (73 Hunter Street or USPS mail - P.O. Box 250, Apex, NC 27502), at least two business days prior to the Planning Board date. You must provide your name and address for the record. The written statements will be delivered to the Planning Board prior to their vote. Please include the Public Hearing name in the subject line.

A separate notice of the Town Council public hearing on this project will be mailed and posted in order to comply with State public notice requirements.

Vicinity Map:

Property owners, tenants, and neighborhood associations within 500 feet of the proposed conditional zoning have been sent this notice via first class mail. All interested parties may submit comments with respect to the applications by the means described above. In addition to the above map, the location of the property may be viewed online at https://maps.apexnc.org/maps. The 2045 Land Use Map may be viewed online at www.apexnc.org/DocumentCenter/View/15296/2045. You may dial 919-249-3426, Planning Department, with questions or for further information. To view the petition and related documents online: https://www.apexnc.org/DocumentCenter/View/56715

Dianne F. Khin, AICP
Planning Director

Published Dates: August 28 – September 14, 2026

https://www.apexnc.org/DocumentCenter/View/56045/PBPN-25CZ24Tb-dlid=

Draw | 2 of 2 | Edit with Acrobat

TOWN OF APEX

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS
ORDENAMIENTO TERRITORIAL CONDICIONAL #25CZ24
North Salem Street Mixed Use PUD

De conformidad con las disposiciones de las Estatutas Generales de Carolina del Norte §160D-602 y con la Sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del ayuntamiento de Apex, por la presente se convocan las audiencias públicas ante la Junta de Planificación de Apex. El propósito de estas audiencias es considerar lo siguiente:

Solicitante: Merit Group, LLC
Agente autorizado: Matthew Carpenter, Parker Poe, LLP & Paul Morpina, Merit Group, LLC
Dirección de las propiedades: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 & Salem Street, 0 Charlton Downs Lane
Superficie: 152.35 acres
Números de identificación de las propiedades: 0742360651, 0742363796, 0742360783, 0742360836, 0742360909, 0742362719, 0742368487, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742360573, 0742369429, 0742362378, 0742361712
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Si se aprueba el cambio de zonificación como se propone, el Mapa de Uso Territorial para el 2045 cambiará a: Mixed Use: High Density Residential/Office Employment/Commercial Services (8.27 ± acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (24.03 ± acres)
Ordenamiento territorial existente de las propiedades: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial Conditional Zoning (PC-CZ #15CZ02)
Ordenamiento territorial propuesto para las propiedades: Planned Unit Development-Conditional Zoning (PUD-CZ)

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2º piso
73 Hunter Street, Apex, Carolina del Norte
Fecha y hora de la audiencia pública de la Junta de Planificación: 14 de septiembre de 2026 4:30 P.M.

Puede asistir a la reunión de manera presencial o seguir la transmisión en directo por YouTube a través del siguiente enlace: https://www.youtube.com/c/TownofApexgov.

Si no puede asistir, puede enviar una declaración escrita por correo electrónico a public.hearing@apexnc.org. O presentarla a la secretaria de la Junta de Planificación, Jeri Pedersen (73 Hunter Street o por correo USPS a P.O. Box 250, Apex, NC 27502), al menos dos días hábiles antes de la celebración de la Junta de Planificación. Debe proporcionar su nombre y dirección para que conste en el registro. Las declaraciones escritas se entregarán a la Junta de Planificación antes de la celebración. No olvide incluir el nombre de la audiencia pública en el asunto.

De conformidad con los requisitos estatales de notificaciones públicas, se enviará por correo y se publicará por separado una notificación de la audiencia pública del Consejo Municipal sobre este proyecto.

Mapa de las inmediaciones:

Los propietarios, inquilinos y asociaciones de vecinos en un radio de 500 pies del Ordenamiento Territorial Condicional propuesto han recibido esta notificación por correo postal de primera clase. Todas las partes interesadas pueden presentar comentarios sobre la consulta a través de los medios especificados anteriormente. La solicitud de la propiedad, también disponible aquí: https://maps.apexnc.org/maps. Puede ver el Mapa de Uso Territorial para 2045 aquí: www.apexnc.org/DocumentCenter/View/15296/2045. Si tiene preguntas o desea obtener más información, puede comunicarse con el Departamento de Planificación al 919-249-3426. Puede ver la solicitud y otros documentos relacionados aquí: https://www.apexnc.org/DocumentCenter/View/56715

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 28 de agosto – 14 de septiembre de 2026

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
PHONE 919-249-3426

AFFIDAVIT CERTIFYING
Public Notification – Written (Mailed) Notice

Section 2.2.11
Town of Apex Unified Development Ordinance

Project Name:	Conditional Zoning #25CZ24 North Salem Street Mixed Use Planned Unit Development
Project Location:	0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln.
Applicant or Authorized Agent:	Paul Munana, Merit Group, LLC Matthew Carpenter, Parker Poe, LLP
Planning Board Public Hearing Date:	September 14, 2026
Project Planner:	June Cowles, Senior Planner

This is to certify that I, as Planning Director, mailed or caused to have mailed by first class postage for the above mentioned project on August 28, 2026, a notice containing the time and place, location, nature and scope of the application, where additional information may be obtained, and the opportunity for interested parties to be heard, to the property owners and tenants within 500' of the land subject to notification. I further certify that I relied on information from the Wake County Tax Assessor and the Town of Apex Master Address Repository provided to me by Town of Apex GIS Staff as to accuracy of the list and accuracy of mailing addresses of property owners and tenants within 500' of the land subject to notification.

8/31/2026
Date

Planning Director

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, LAUREN J SISSON, a Notary Public for the above State and County, this the 31st day of AUGUST, 2026.

Notary Public

LAUREN J SISSON
Notary Public - North Carolina
Wake County
My Commission Expires Oct 3, 2027

My Commission Expires: 10/3/2027

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
PHONE 919-249-3426

PUBLIC NOTIFICATION OF PUBLIC HEARINGS

CONDITIONAL ZONING #25CZ24
N. Salem Street Mixed-Use PUD

Pursuant to the provisions of North Carolina General Statutes §160D-602 and to the Town of Apex Unified Development Ordinance (UDO) Section 2.2.11, notice is hereby given of public hearings before the Planning Board and Town Council of the Town of Apex. The purpose of these hearings is to consider the following:

Applicant: Merit Group, LLC
Authorized Agents: Matthew Carpenter, Parker Poe, LLP & Paul Munana, Merit Group, LLC
Property Addresses: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln
Acreage: ±32.35 acres
Property Identification Numbers (PINs): 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712
Current 2045 Land Use Map Designation: Mixed Use: High Density Residential/Office Employment/Commercial Services (±4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±27.38 acres)
If rezoned as proposed, the 2045 Land Use Map Designation will change to: Mixed Use: High Density Residential/ Office Employment/Commercial Services (±8.27 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±24.03 acres)
Existing Zoning of Properties: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Proposed Zoning of Properties: Planned Unit Development-Conditional Zoning (PUD-CZ)

Public Hearing Location: Apex Town Hall
Council Chamber, 2nd Floor
73 Hunter Street, Apex, North Carolina

Comments received prior to the Planning Board public hearing will not be provided to the Town Council. Separate comments for the Town Council public hearing must be provided by the deadline specified below.

Town Council Public Hearing Date and Time: October 13, 2026 6:00 PM

You may attend the meeting in person or view the meeting through the Town's YouTube livestream at: https://www.youtube.com/c/townofapexgov.

If you are unable to attend, you may provide a written statement by email to public.hearing@apexnc.org, or submit it to the Office of the Town Clerk (73 Hunter Street or USPS mail - P.O. Box 250, Apex, NC 27502), at least two business days prior to the Town Council vote. You must provide your name and address for the record. The written statements will be delivered to the Town Council prior to their vote. Please include the Public Hearing name in the subject line.

Vicinity Map:

Property owners, tenants, and neighborhood associations within 500 feet of the proposed conditional zoning have been sent this notice via first class mail. All interested parties may submit comments with respect to the application by the means specified above. In addition to the above map, the location of the property may be viewed online at https://maps.raleighnc.gov/imaps. The 2045 Land Use Map may be viewed online at www.apexnc.org/DocumentCenter/View/478. You may call 919-249-3426, Planning Department, with questions or for further information. To view the petition and related documents on-line: https://www.apexnc.org/DocumentCenter/View/52723.

Dianne F. Khin, AICP
Planning Director

Published Dates: September 18 – October 13, 2026

TOWN OF APEX
PO BOX 250
APEX, NORTH CAROLINA 27502
TELÉFONO 919-249-3426

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS

ORDENAMIENTO TERRITORIAL CONDICIONAL #25CZ24

N. Salem Street Mixed-Use PUD

De conformidad con las disposiciones de los Estatutos Generales de Carolina del Norte §160D-602 y con la Sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del ayuntamiento de Apex, por la presente se notifican las audiencias públicas ante el Consejo Municipal del Ayuntamiento de Apex. El propósito de estas audiencias es considerar lo siguiente:

Solicitante: Merit Group, LLC
Agente autorizado: Matthew Carpenter, Parker Poe, LLP & Paul Munana, Merit Group, LLC
Dirección de las propiedades: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln
Superficie: ±32.35 acres
Números de identificación de las propiedades: 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712
Designación actual en el Mapa de Uso Territorial para 2045: Mixed Use: High Density Residential/Office Employment/ Commercial Services (±4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±27.38 acres)
Si se aprueba el cambio de zonificación como se propone, el Mapa de Uso Territorial para el 2045 cambiará a: Mixed Use: High Density Residential/Office Employment/Commercial Services (±8.27 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±24.03 acres)
Ordenamiento territorial existente de las propiedades: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Ordenamiento territorial propuesto para las propiedades: Planned Unit Development-Conditional Zoning (PUD-CZ)

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2º piso
73 Hunter Street, Apex, Carolina del Norte

Los comentarios recibidos antes de la audiencia pública de la Junta de Planificación no se proporcionarán al Consejo Municipal. Los comentarios para la audiencia pública del Consejo Municipal deben presentarse por separado en el plazo especificado a continuación.

Fecha y hora de la audiencia pública del Consejo Municipal: 13 de octubre de 2026 6:00 P.M.

Puede asistir a la reunión de manera presencial o seguir la transmisión en directo por YouTube a través del siguiente enlace: https://www.youtube.com/c/townofapexgov.

Si no puede asistir, puede enviar una declaración escrita por correo electrónico a public.hearing@apexnc.org, o presentarla a la oficina del Secretario Municipal (73 Hunter Street o por correo USPS a P.O. Box 250, Apex, NC 27502), al menos dos días hábiles antes de la votación del Consejo Municipal. Debe proporcionar su nombre y dirección para que conste en el registro. Las declaraciones escritas se entregarán al Consejo Municipal antes de la votación. No olvide incluir el nombre de la audiencia pública en el asunto.

Mapa de las inmediaciones:

Los propietarios, inquilinos y asociaciones de vecinos en un radio de 500 pies del Ordenamiento Territorial Condicional propuesto han recibido esta notificación por correo postal de primera clase. Todas las partes interesadas pueden presentar comentarios sobre la solicitud a través de los medios especificados anteriormente. La ubicación de la propiedad también puede verse aquí: https://maps.raleighnc.gov/imaps. Puede ver el Mapa de Uso Territorial para 2045 aquí: www.apexnc.org/DocumentCenter/View/478. Si tiene preguntas o desea obtener más información, puede comunicarse con el Departamento de Planificación al 919-249-3426. Puede ver la solicitud y otros documentos relacionados aquí: https://www.apexnc.org/DocumentCenter/View/52723.

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 18 de septiembre – 13 de octubre

Legal Notice of Public Hearings / AGENDA
https://www.apexnc.org/DocumentCenter/View/56331/25CZ24-TC-Public-Notice-combo?bidId=
Maps/GIS | Team Apex Landin... | SharePoint Folders | Planning Tools | GeoCivix Home | Unified Developm... | Apex Pages | ECU | Documents - One... | Training | Employee Olympics | ECU PiratePort
Draw | 1 of 2 | Edit with Acrobat

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
PHONE 919-249-3426

PUBLIC NOTIFICATION OF PUBLIC HEARINGS
CONDITIONAL ZONING #25CZ24
N. Salem Street Mixed-Use PUD

Pursuant to the provisions of North Carolina General Statutes §160D-602 and to the Town of Apex Unified Development Ordinance (UDO) Section 2.2.11, notice is hereby given of public hearings before the Planning Board and Town Council of the Town of Apex. The purpose of these hearings is to consider the following:

Applicant: Merit Group, LLC
Authorized Agents: Matthew Carpenter, Parker Poe, LLP & Paul Murana, Merit Group, LLC
Property Addresses: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln
Acreage: ±32.35 acres
Property Identification Numbers (PINs): 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742368387, 0742362632, 0742368697, 0742363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742360278, 0742367712
Current 2045 Land Use Map Designation: Mixed Use: High Density Residential/Office Employment/Commercial Services (±4.92 acres) and Mixed Use: Medium Density Residential/Office Employment/Commercial Services (±27.38 acres)
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Existing Zoning of Properties: Residential Agricultural (RA), Rural Residential (RR), Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Proposed Zoning of Properties: Planned Unit Development-Conditional Zoning (PUD-CZ)

Public Hearing Location: Apex Town Hall
Council Chamber, 2nd Floor
73 Hunter Street, Apex, North Carolina

Comments received prior to the Planning Board public hearing will not be provided to the Town Council. Separate comments for the Town Council public hearing must be provided by the deadline specified below.

Town Council Public Hearing Date and Time: October 13, 2026 6:00 PM
You may attend the meeting in person or view the meeting through the Town's YouTube livestream at: https://www.youtube.com/c/townofapexgov

If you are unable to attend, you may provide a written statement by email to public.hearing@apexnc.org, or submit it to the Office of the Town Clerk (73 Hunter Street or USPS mail - P.O. Box 250, Apex, NC 27502), at least two business days prior to the Town Council vote. You must provide your name and address for the record. The written statements will be delivered to the Town Council prior to their vote. Please include the Public Hearing name in the subject line.

Vicinity Map:

Property owners, tenants, and neighborhood associations within 500 feet of the proposed conditional zoning have been sent this notice via first class mail. All interested parties may submit comments with respect to the application by the means specified above. In addition to the above map, the location of the property may be viewed online at https://maps.raleighnc.gov/maps. The 2045 Land Use Map may be viewed online at www.apexnc.org/DocumentCenter/View/678. You may call 919-249-3426. Planning Department, with questions or for further information. To view the petition and related documents on-line: https://www.apexnc.org/DocumentCenter/View/52723.

Dianne F. Khin, AICP
Planning Director

Published Dates: September 18 – October 13, 2026

Search | 75°F Partly sunny | 8:31 AM 9/18/2026

Legal Notice of Public Hearings / AGENDA
https://www.apexnc.org/DocumentCenter/View/56331/25CZ24-TC-Public-Notice-combo?bidId=
Maps/GIS | Team Apex Landin... | SharePoint Folders | Planning Tools | GeoCivix Home | Unified Developm... | Apex Pages | ECU | Documents - One... | Training | Employee Olympics | ECU PiratePort
Draw | 2 of 2 | Edit with Acrobat

TOWN OF APEX
PO BOX 250
APEX, NORTH CAROLINA 27502
TELEFONO 919-249-3426

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS
ORDENAMIENTO TERRITORIAL CONDICIONAL #25CZ24
N. Salem Street Mixed-Use PUD

De conformidad con las disposiciones de los Estatutos Generales de Carolina del Norte §160D-602 y con la Sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del ayuntamiento de Apex, por la presente se notifican las audiencias públicas ante el Consejo Municipal del Ayuntamiento de Apex. El propósito de estas audiencias es considerar lo siguiente:

Solicitante: Merit Group, LLC
Agente autorizado: Matthew Carpenter, Parker Poe, LLP & Paul Murana, Merit Group, LLC
Dirección de la propiedades: 0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln
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Ordenamiento territorial propuesto para las propiedades: Planned Unit Development-Conditional Zoning (PUD-CZ)

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2º piso
73 Hunter Street, Apex, Carolina del Norte

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Fecha y hora de la audiencia pública del Consejo Municipal: 13 de octubre de 2026 6:00 P.M.
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Mapa de las inmediaciones:

Los propietarios, inquilinos y asociaciones de vecinos en un radio de 500 pies del Ordenamiento Territorial Condicional propuesto han recibido esta notificación por correo postal de primera clase. Todas las partes interesadas pueden presentar comentarios sobre la solicitud a través de los medios especificados anteriormente. La ubicación de la propiedad también puede verse aquí: https://maps.raleighnc.gov/maps. Puede ver el Mapa de Uso Territorial para 2045 aquí: www.apexnc.org/DocumentCenter/View/678. Si tiene preguntas o desea obtener más información, puede comunicarse con el Departamento de Planificación al 919-249-3426. Puede ver la solicitud y otros documentos relacionados aquí: https://www.apexnc.org/DocumentCenter/View/52723.

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 18 de septiembre – 13 de octubre de 2026

Search | 75°F Partly sunny | 8:33 AM 9/18/2026

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
PHONE 919-249-3426

AFFIDAVIT CERTIFYING
Public Notification – Written (Mailed) Notice

Section 2.2.11
Town of Apex Unified Development Ordinance

Project Name:	Conditional Zoning #25CZ24 N. Salem Street Mixed-Use Planned Unit Development
Project Location:	0, 1201, 1205, 1207, 1301, 1303, 1401, 1403, 1405, 1409 N. Salem St; 0 Charlion Downs Ln.
Applicant or Authorized Agent:	Paul Munana, Merit Group, LLC Matthew Carpenter, Parker Poe, LLP
Town Council Public Hearing Date:	October 13, 2026
Project Planner:	June Cowles, Senior Planner

This is to certify that I, as Planning Director, mailed or caused to have mailed by first class postage for the above mentioned project on September 18, 2026, a notice containing the time and place, location, nature and scope of the application, where additional information may be obtained, and the opportunity for interested parties to be heard, to the property owners and tenants within 500' of the land subject to notification. I further certify that I relied on information from the Wake County Tax Assessor and the Town of Apex Master Address Repository provided to me by Town of Apex GIS Staff as to accuracy of the list and accuracy of mailing addresses of property owners and tenants within 500' of the land subject to notification.

9/21/2026
Date

Planning Director

STATE OF NORTH CAROLINA
COUNTY OF WAKE

Sworn and subscribed before me, LAUREN J SISSON, a Notary Public for the above State and County, this the 21st day of SEPTEMBER, 2026.

Notary Public

LAUREN J SISSON
Notary Public - North Carolina
Wake County
My Commission Expires Oct 3, 2027

My Commission Expires: 10 / 3 / 2027

Public Hearing Sign Posted By:

Signature

12/17/2025

Date

WAKE COUNTY
PUBLIC SCHOOL SYSTEM

Office of Student Assignment
5625 Dillard Dr.
Cary, NC 27518
studentassignment@wcpss.net

tel: (919) 431-7333
fax: (919) 694-7753

August 05, 2026

Dianne Khin, AICP
Director, Planning Department
Town of Apex
Dianne.Khin@apexnc.org

Dear Dianne,

The Wake County Public School System (WCPSS) Office of School Assignment received information about a proposed rezoning/development within the Town of Apex planning area. We are providing this letter to share information about WCPSS's capacity related to the proposal. The following information about the proposed rezoning/development was provided through the Wake County Residential Development Notification database:

- Date of application: November 2, 2025
- Name of development: 25CZ24 N. Salem St Mixed Use PUD
- Address of rezoning: 0, 1201, 1205, 1207, 1301, 1303, 1405, 1409, N. Salem Street; 0 Charlion Downs Lane (PINs 0742360631, 0742363799, 0742366583, 0742366306, 0742350909, 0742362719, 0742268387, 0742362432, 0742368697, 2363169, 0742358857, 0742353848, 0742365731, 0742369479, 0742369278, 0742367712)
- Total number of proposed residential units (revised July 2026): 460 (175 max townhomes/small scale multi-family; 285 max apartments)
- Type(s) of residential units proposed: Townhomes, small scale multi- family (2–10-unit buildings), and apartments

Based on the information received at the time of application, the Office of School Assignment is providing the following assessment of possible impacts to the Wake County Public School System:

☒ Schools at <u>all</u> grade levels within the current assignment area for the proposed rezoning/development are anticipated to have <u>sufficient</u> capacity for future students.

☐ Schools at <u>the following</u> grade levels within the current assignment area for the proposed rezoning/development are anticipated to have <u>insufficient</u> capacity for future students; transportation to schools outside of the current assignment area should be anticipated:

☐ Elementary ☐ Middle ☐ High

The following mitigation of capacity concerns due to school construction or expansion is anticipated:

☒ Not applicable – existing school capacity is anticipated to be sufficient.

☐ School expansion or construction within the next five years is not anticipated to address concerns.

☐ School expansion or construction within the next five years may address concerns at these grade levels:

☐ Elementary ☐ Middle ☐ High

Thank you for sharing this information with the Town of Apex Planning Board and Town Council as they consider the proposed rezoning/development.

Sincerely,

Susan W. Pullium, MSA
Senior Director

S&EC

Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467
sandec.com

January 12, 2026
S&EC Project No: 16759.W8
USFWS Project Code: 2026-0032073

Re: 1301 North Salem Street Assemblage, Apex – Wake County, North Carolina

We have reviewed the referenced project using the USFWS North Carolina Field Office's online project review process and have followed all guidance and instructions in completing the review. We completed our review January 12, 2026, and are submitting our project review package in accordance with the instructions for further review.

Our proposed action consists of: *A planned mixed residential and commercial development with no proposed impacts to jurisdictional waters of the US.*

The location of the project and the action area are identified on the enclosed maps.
1301 North Salem Street Assemblage (35.745764, -78.851684). The site is located at 1301 North Salem Street, Apex – Wake County, North Carolina.

The enclosed project review package provides the information about the species and critical habitat considered in our review. The species conclusions table included in the package identifies our determinations for the resources that may be affected by the project.

For additional information, please contact Mason Montgomery at mmontgomery@sandec.com

Sincerely,
SOIL & ENVIRONMENTAL CONSULTANTS, INC.

Mason Montgomery
Environmental Scientist, Wetlands Department

Enclosures:

1. Project Request Review Package
2. S&EC T&E Species Report
3. Vicinity Maps
4. S&EC Photo Report
5. Concept Plan
6. FWS Official Species List
7. NHP Report
8. FWS Species Conclusion Table
9. FWS Self-Certification Letter

Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467
sandec.com

January 12, 2026
S&EC Project No.: 13759.W8
USFWS Project Code: 2026-0032073

To: Merit Group, LLC
Paul Muñana
5053 Sunset Fairways Dr.
Holly Springs, NC 27540

Re: **THREATENED & ENDANGERED SPECIES REPORT**
1301 North Salem Street Assemblage (+/- 32.4 acres)
1301 North Salem Street, Apex, Wake County, NC

Paul Muñana:

On January 8, 2026, Soil & Environmental Consultants, Inc. (S&EC) evaluated the 1301 North Salem Street Assemblage site shown on the attached maps for potential endangered species. The property is located at North Salem Street in Wake County, NC and is in the B Everett Jordan Lake-New Hope River watershed (030300020609). Surface waters on-site flow into Beaver Creek in the Cape Fear River Basin, which has been classified in the "Classification and NC DWQ Standards Applicable to Surface Waters and Wetlands of North Carolina" as WS-IV; NSW.

We obtained the attached automatically generated official species list from the U.S. Fish & Wildlife Service (FWS) and N.C. Natural Heritage Program (NHP) report identifying the protected species on or within one mile of the project area that could potentially be affected by the project. The FWS official species list specific to the project was valid as of the date of this report. The official species list is valid for 90 days.

We conducted preliminary habitat assessments to identify suitable habitat for the individual species listed on the official species list. Detailed botanical surveys were not conducted within the optimal

survey windows for the listed plant species. The preliminary habitat assessments included assessing the physical characteristics of the streams, identifying forest types, and looking for evidence of the listed species on-site. This survey did not include any detailed mist netting or acoustic surveys for bat species. The results of the search are discussed below.

RESULTS:

The FWS official species list identified the following species for the Evaluation limits:

- Tricolored Bat, (*Perimyotis subflavus*), Proposed Endangered
- Monarch Butterfly (*Danaus plexippus*), Proposed Threatened
- Michaux's Sumac (*Rhus michauxii*), Endangered

Of the species identified on the official species list, the NHP report did not identify any Federally threatened or endangered species within the project area or within one mile of the project area. Other State listed species were found within one mile of the project area as listed in the attached NHP report. The NHP report identified seven managed areas within one mile of the project area. These are listed out in the attached NHP Report.

TRICOLORED BAT (*Perimyotis subflavus*):

S&EC personnel conducted preliminary surveys of potential suitable habitat for the Tricolored Bat's within the project area. Due to the current status of TCB, consultation with USFWS under section 7 of the Endangered Species Act is not required. Additionally, no federal action is anticipated for this project. Due to the nature of the project being residential and commercial development, which will include tree removal, we concluded that the project will "*May affect, but not likely to jeopardize the existence of the species*" for TCB's. If it is later determined that the project does require a federal action, FWS should be consulted to determine if avoiding tree clearing during winter torpor (mid-December through mid-February) and the summer pup season (May through July) is necessary to reach a "*May affect, not likely to adversely affect*" determination for TCB.

MONARCH BUTTERFLY (*Danaus plexippus*):

The Monarch Butterfly is currently listed as a proposed threatened species. Due to the current status of Monarch Butterfly, consultation with USFWS under section 7 of the Endangered Species Act is not

required. S&EC believes the project will "*May affect, not likely to jeopardize the existence of the species*" for Monarch Butterfly. FWS recommends planting native milkweed and other species that support native pollinators as additional conservation measures.

MICHAUX'S SUMAC (*Rhus michauxii*):

S&EC personnel conducted preliminary surveys of suitable habitat within the project area. We found no individual Michaux's Sumac species within the project area. The NHP report did not list any known element occurrence within the project area or one mile of the project area. We found suitable habitat within the project areas to include primarily disturbed open areas along roads, paths, and pond edges. It should be noted that this preliminary survey was done outside of the optimal survey window (May-October). While we did not find any Michaux's Sumac plants within the project area, our survey was conducted outside of the optimal survey window and as suitable habitat was found it is possible that Michaux's Sumac exists and therefore we concluded the project would "*May affect, not likely to adversely affect*" Michaux's Sumac. We recommend consulting with USFWS and/or conducting follow up surveys within the optimal survey window if the project is determined to have a federal nexus.

BALD EAGLE (*Haliaeetus leucocephalus*):

S&EC personnel conducted preliminary surveys of suitable habitat, nesting sites, and individual Bald Eagles within the project area and 660' from the property boundary. The NHP report did not identify any known nests on-site or within one mile of the site. During our survey, we found no evidence of Bald Eagles or any nesting sites within the project area. There are known Bald Eagle nests +/- 5 miles west at Beaver Creek arm of Jordan Lake, and +/- 7 miles north at Lake Crabtree and Brier Creek Reservoir. Additionally, there are known nests +/- 9 miles east located at Lake Raleigh. Given that there are two ponds on property, and several other ponds and stormwater devices adjacent the property, It is possible Bald Eagles visit this area for foraging. Given the lack of species present, we have concluded that the project is "*Unlikely to disturb nesting bald eagles.*" We believe no Eagle Act Permit is required.

CONCLUSION:

After completing the habitat assessments and preliminary surveys, S&EC completed the attached "Species Conclusion Table" and "Self-Certification Letter." Using language typically used by the FWS in their conclusion letters, we have concluded that ***it appears the proposed project is not likely to adversely affect any federally listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Endangered Species Act (ESA).***

Sincerely,
SOIL AND ENVIRONMENTAL CONSULTANTS, INC.

Mason Montgomery
Environmental Scientist, Wetlands Department

Attachments:

1. USGS Vicinity Map
2. Soil Survey Vicinity Map
3. Aerial Map
4. Photo Report
5. Concept Plan
6. FWS Official Species List. January 2, 2026.
7. NHP Report: January 2, 2026.
8. S&EC – FWS Species Conclusion Table. January 12, 2026.
9. S&EC – FWS Self-Certification Letter. January 12, 2026.

References:

-"12 Digit Huc Subwatersheds." *NC DEQ GIS Data*, NCDEQ, data-ncdenr.opendata.arcgis.com/datasets/ncdenr::12-digithucsubwatersheds-1/explore.

-"Bald Eagle (Haliaeetus Leucocephalus): U.S. Fish & Wildlife Service." *FWS.Gov*, USFWS, www.fws.gov/species/baldeaglehaliaeetus- leucocephalus.

-"Monarch (Danaus Plexippus): U.S. Fish & Wildlife Service." *FWS.Gov*, USFWS, www.fws.gov/species/monarch-danaus-plexippus.

-"NC Surface Water Classifications." *Experience*, NCDEQ, experience.arcgis.com/experience/7073e9122ab74588b8c48ded34c3df55.

-North Carolina Natural Heritage Program. 2017. Biotics Database. Department of Environment and Natural Resources, Raleigh, North Carolina.

-Reid, Rebekah, and Dale Suiter. "North Carolina's Federally Threatened, Endangered, and at-Risk Plant Species: U.S. Fish & Wildlife Service." *FWS.Gov*, USFWS, 21 Mar. 2022, www.fws.gov/story/2022-03/north-carolinas-federally-threatened-endangered-and-riskplantspecies.

-US Fish and Wildlife Service. Information for Planning and Consultation (IPaC) & Raleigh Ecological Services Field Office Online Project Reviews website.

-U.S. Fish and Wildlife Service. 1993. Michaux's Sumac Recovery Plan. Atlanta, Georgia: U.S. Fish and Wildlife Service. 30pp.

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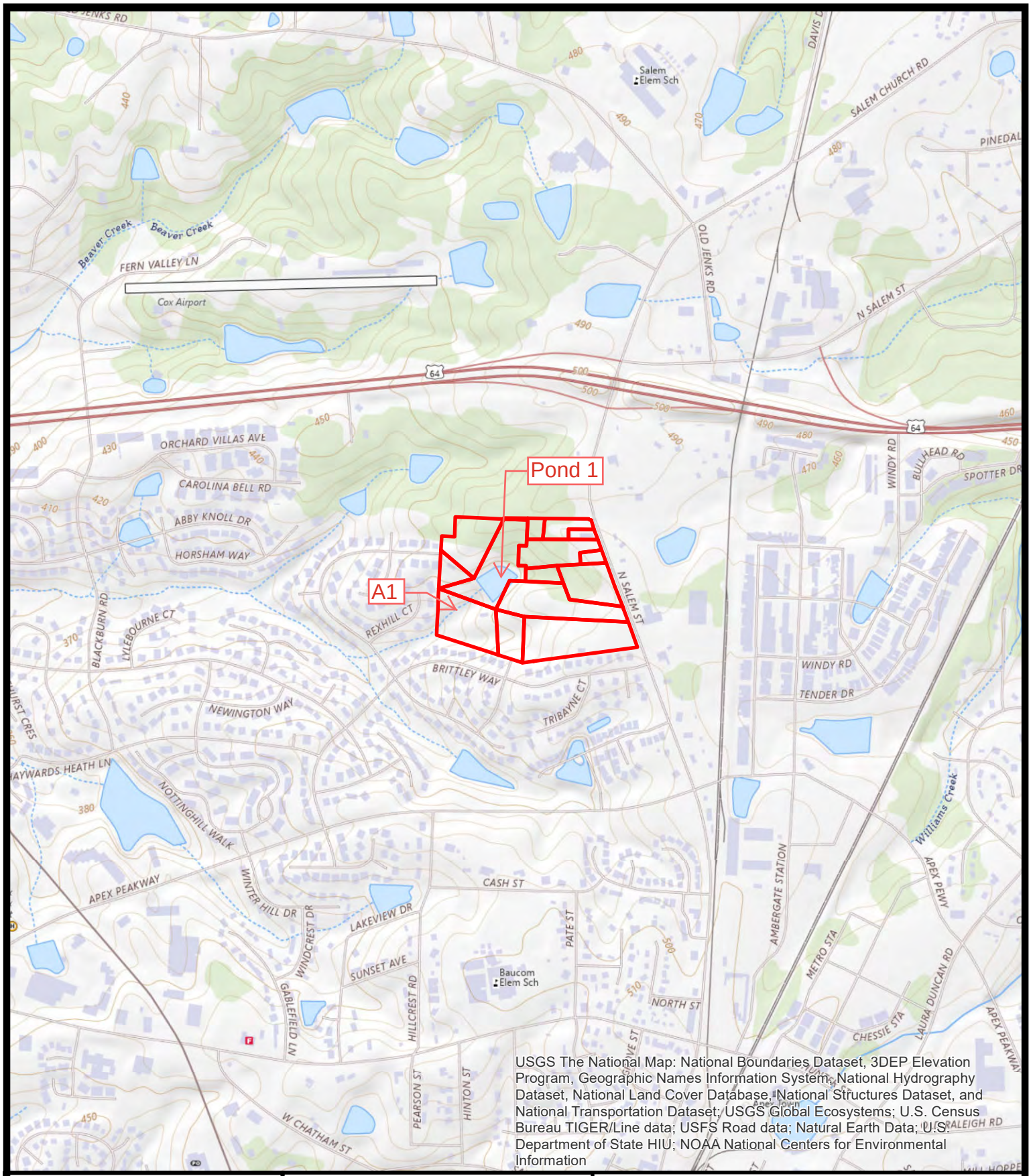
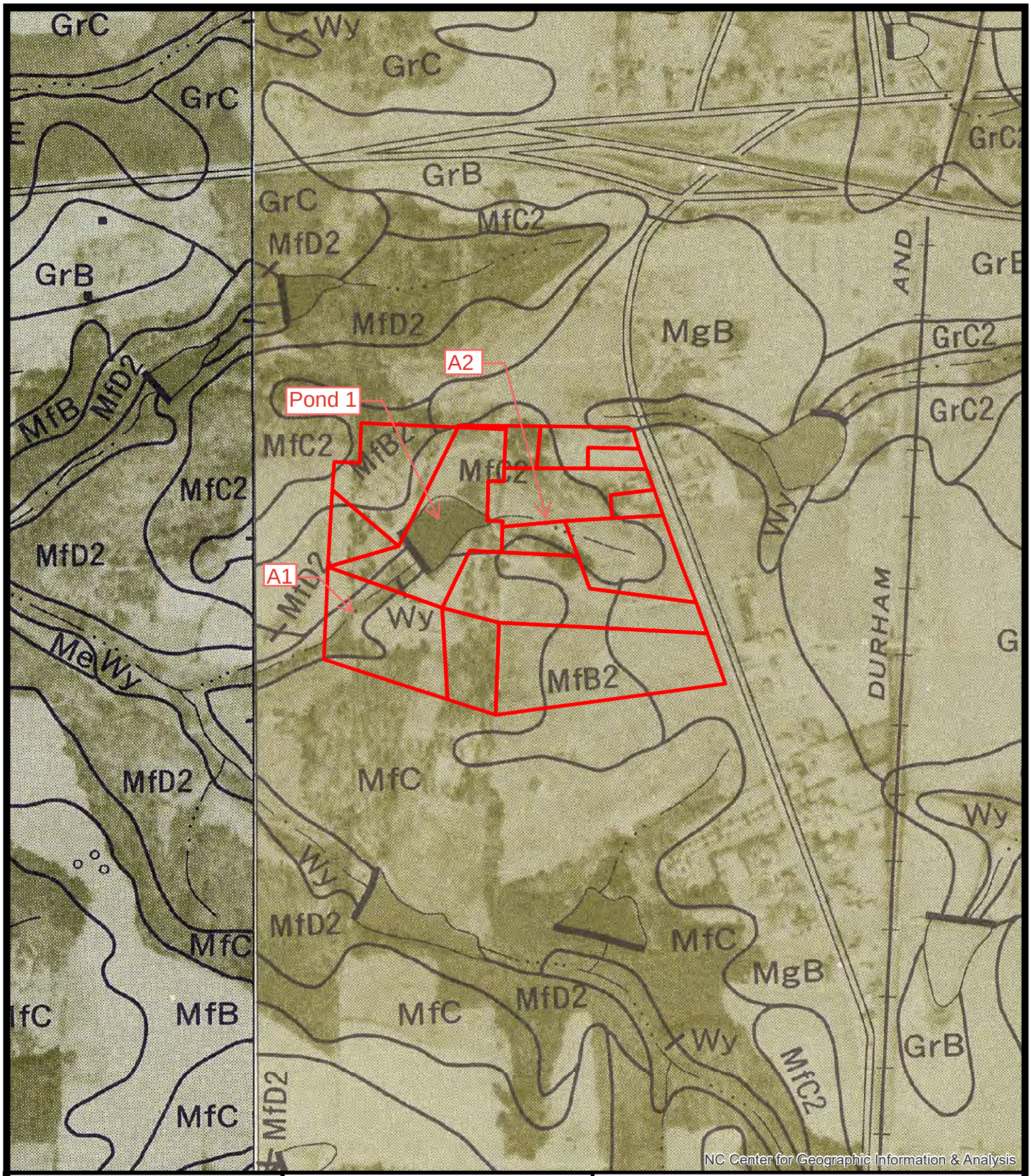


USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information

Project Number: 13759.W8	**Map Title:** USGS Map	0 1,000 2,000 Feet N
Project Manager: MM	1301 N. Salem St Assemblage, Apex, NC	
Scale: 1" = 1000'		
Date: 01/12/2026	**Source:** ESRI USGS Na	S&EC Soil & Environmental Consultants, Inc. 8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467 sandec.com



Project Number: 13759.W8	**Map Title:** Soil Survey Map	0 500 1,000 Feet N
Project Manager: MM	1301 N. Salem St Assemblage, Apex, NC	
Scale: 1" = 500'		
Date: 01/12/2026	**Source:** Wake Co Survey She	S&EC Soil & Environmental Consultants, Inc. 8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467 sandec.com

Project Number: 13759.W8	**Map Title:** Bald Eagle Disturbance Limit Map 1301 N. Salem St Assemblage, Apex, NC
Project Manager: MM	
Scale: 1" = 500'	
Date: 01/12/2026	**Source:** NC One

0 500 1,000
Feet

N

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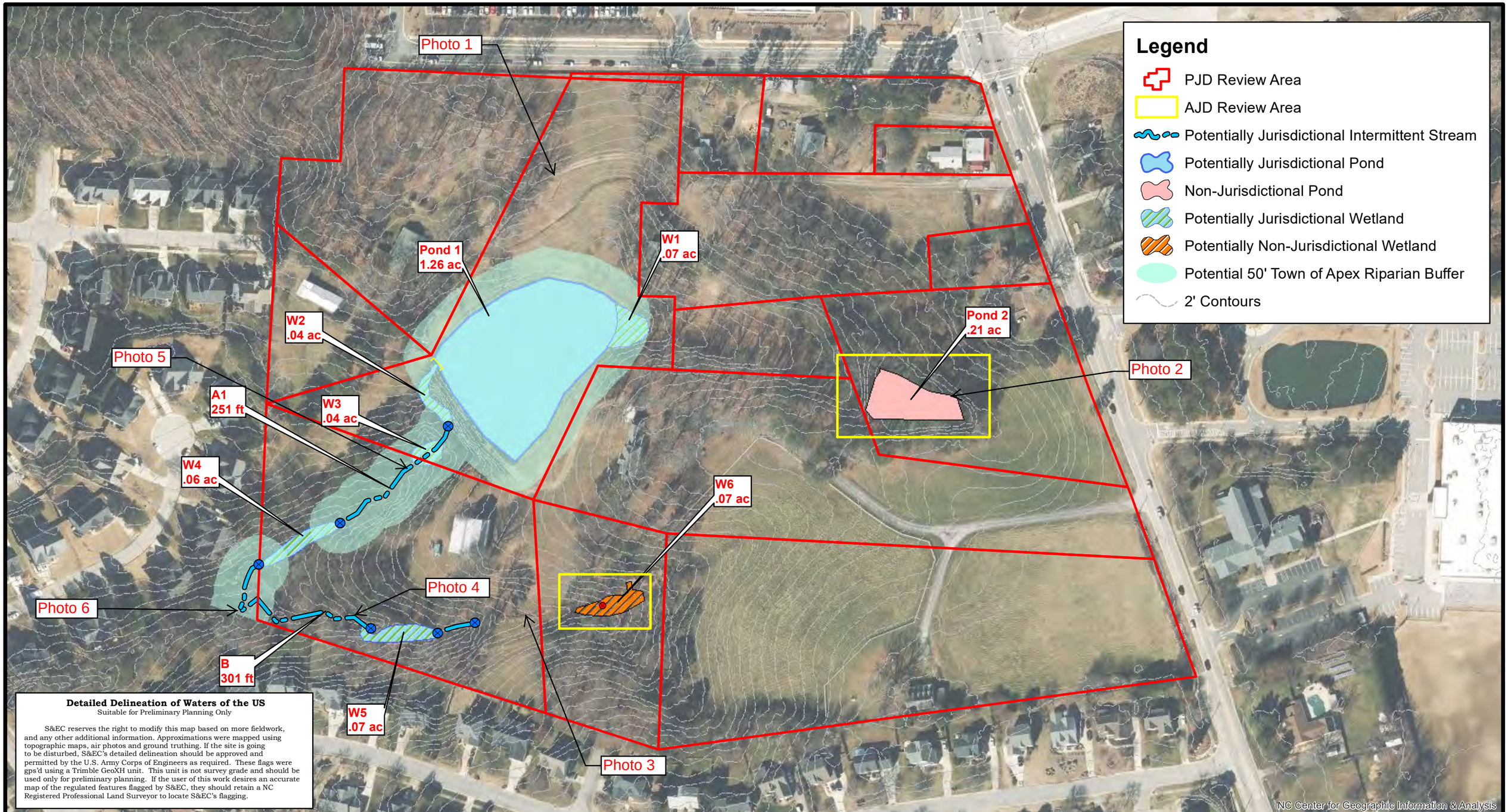
soilec.com



Detailed Delineation of Waters of the US
Suitable for Preliminary Planning Only

S&EC reserves the right to modify this map based on more fieldwork, and any other additional information. Approximations were mapped using topographic maps, air photos and ground truthing. If the site is going to be disturbed, S&EC's detailed delineation should be approved and permitted by the U.S. Army Corps of Engineers as required. These flags were gps'd using a Trimble GeoXH unit. This unit is not survey grade and should be used only for preliminary planning. If the user of this work desires an accurate map of the regulated features flagged by S&EC, they should retain a NC Registered Professional Land Surveyor to locate S&EC's flagging.

Project No. 13759.W8	N W E S	**Aerial Photo Map**	S&EC
Project Mgr.: MM		1301 N. Salem Rd Assemblage, Apex, NC	Soil & Environmental Consultants, Inc.
Scale: 1" = 150'	0 150 300 600 Feet	**Source:** Aerials from - Page 757 - aps	8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467 sandec.com
01/12/2026			

Job #: 13759.W8

Photos taken on January 8, 2026

Threatened and Endangered Species Photo Report for the 1301 North Salem Street Assemblage Project

Photo 1: Pond 1

Photo 2: Pond 2

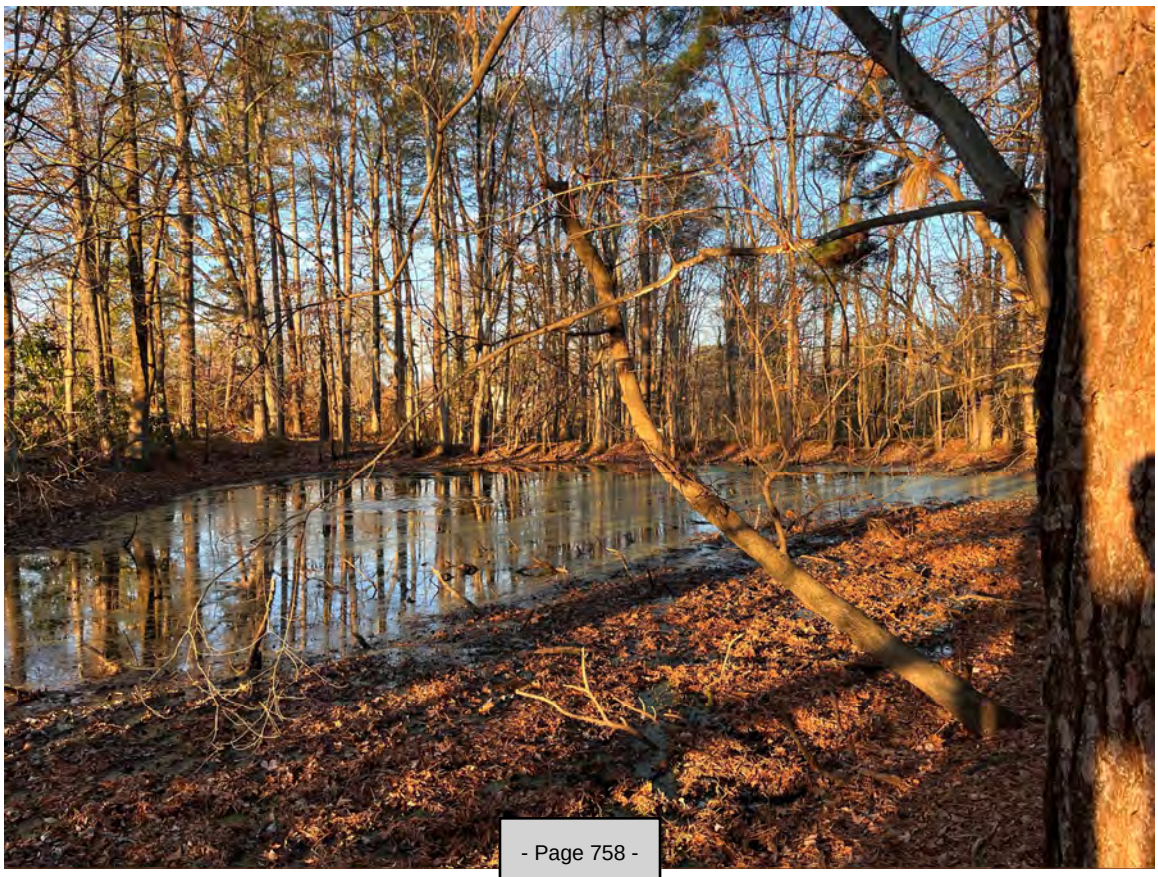


Photo 3: Wetland 6 disconnect

Photo 4: Feature B – Intermittent stream

Photo 5: Feature A – Intermittent stream

Photo 6: below confluence of Features A & B

SITE LEGEND

- PROPERTY LINE
- 50' TOWN OF APEX RIPARIAN BUFFER
- LOCAL STREET
- 10' SIDEPATH
- ACTIVE RECREATION AREA/PLAY LAWN
- VEHICULAR ACCESS
- 10' ROW DEDICATION
- BUILDINGS IN THIS AREA SHALL BE LIMITED TO 4 FLOORS (55 FT) SEE PLAN FOR LOCATION
- EXISTING WETLAND
- PERIMETER BUFFER/RESOURCE CONSERVATION AREA (MINIMUM OF 20% OF SITE AREA)
- MULTI-RESIDENTIAL (MULTI-FAMILY, TOWNHOUSES
- MULTI-FAMILY (APARTMENTS)
- MULTI-FAMILY APARTMENTS; NON-RESIDENTIAL
- TOWNHOUSES

GENERAL NOTES:

1. ALL ZONING PLAN SHEETS ARE INTENDED FOR ILLUSTRATIVE PURPOSES ONLY. FINAL DESIGN COMPONENTS SHALL BE DETERMINED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
2. REFER TO THE PUD TEXT DOCUMENTS FOR ALLOWABLE USES, ZONING CONDITIONS, AND OTHER DESIGN STANDARDS.
3. ALL VEHICULAR ACCESS LOCATIONS AND PEDESTRIAN CIRCULATION ARE CONCEPTUAL AND SHALL BE FINALIZED DURING THE SITE/SUBDIVISION PLAN APPROVAL PROCESS.
4. A PUBLIC PEDESTRIAN ACCESS EASEMENT WILL BE PROVIDED FROM THE CUL-DE-SAC ON CHARLION DOWNS LANE TO STREET B. EXACT LOCATION TO BE DETERMINED AT THE TIME OF SITE/SUBDIVISION PLAN APPROVAL PROCESS.
5. TREE PROTECTION FENCING SHALL BE PLACED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
6. ALL PARKING STANDARDS SHALL COMPLY WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
7. EXACT LOCATION OF OPEN SPACE AND RESOURCE CONSERVATION AREA TO BE FINALIZED DURING THE SITE/SUBDIVISION APPROVAL PROCESS.
8. NO SIGNS ARE APPROVED AS PART OF THE PUD-CZ APPROVAL PROCESS. A SEPARATE SIGN PERMIT MUST BE OBTAINED IN ACCORDANCE WITH THE TOWN OF APEX'S UNIFIED DEVELOPMENT ORDINANCE.
9. SITE ELEMENTS REQUIRED TO SATISFY RECREATIONAL REQUIREMENTS MUST MEET ANY APPLICABLE STANDARDS FOUND IN THE TOWN OF APEX STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS AND THE REQUIREMENTS OF THE TOWN OF APEX PARKS AND RECREATION DEPARTMENT.
10. SITE ITEMS SUCH AS BUT NOT LIMITED TO, LIGHTING, LANDSCAPING, SCREENING, SITE STABILIZATION (SEEDING), PARKING, AND PAVEMENT MARKING, MUST BE COMPLETED PRIOR TO SCHEDULING A FINAL SITE INSPECTION.

UTILITY NOTES:

1. THIS PROJECT IS REQUESTING FULL TOWN SERVICES, INCLUDING BUT NOT LIMITED TO, WATER, SEWER AND ELECTRICITY.
2. THE SITE WILL NOT UTILIZE PRIVATE SEWAGE DISPOSAL SYSTEMS.
3. ALL UTILITY EASEMENTS SHALL BE PROVIDED AS NECESSARY. EXACT LOCATION SHALL BE DETERMINED AT THE TIME OF CONSTRUCTION DRAWINGS.
4. ALL CONSTRUCTION SHALL COMPLY WITH THE TOWN OF APEX STANDARDS AND SPECIFICATIONS.
5. ALL WATER AND SEWER MAINS WITHIN THE PUBLIC EASEMENTS SHALL BE OWNED, OPERATED, AND MAINTAINED BY THE TOWN OF APEX.

GRAPHIC SCALE IN FEET
0 50 100 200

NORTH

No.	REVISIONS	DATE	BY
1	----	----	----
2	----	----	----
3	----	----	----
4	----	----	----
5	----	----	----
6	----	----	----
7	----	----	----

Kimley»Horn
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#F-0102 WWW.KIMLEY-HORN.COM PHONE: 984-212-4572
1070 SOUTH MAIN STREET, SUITE 230, HOLLY SPRINGS, NC 27540

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT
PRELIMINARY NOT FOR CONSTRUCTION
ZUMWALT

KHA PROJECT 000000000
DATE 12/01/2025
SCALE AS SHOWN
DESIGNED BY RCZ
DRAWN BY JTG
CHECKED BY RCZ

PRELIMINARY SITE LAYOUT

N. SALEM STREET MIXED USE

PREPARED FOR
MERIT GROUP LLC

APEX NORTH CAROLINA

SHEET NUMBER
C3.0

Plotted By:Guthrie, Jake Sheet Set:PUT NAME HERE Layout:C3.0 December 01, 2025 08:05:18am K:\HSP-LDEV_Marketing\Merit Group LLC\N. Salem Street - Apex\Rezoning\07_CAD Files\Phase 1\Plan\Sheets\C3.0 SITE PLAN.dwg
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh Ecological Services Field Office
3916 Sunset Ridge Rd
Raleigh, NC 27607
Phone: (919) 856-4520 Fax: (919) 856-4556

In Reply Refer To: 01/02/2026 20:07:42 UTC
Project Code: 2026-0032073
Project Name: 1301 North Salem Street Assemblage

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). If your project area contains suitable habitat for any of the federally-listed species on this species list, the proposed action has the potential to adversely affect those species. If suitable habitat is present, surveys should be conducted to determine the species' presence or absence within the project area. The use of this species list and/or North Carolina Natural Heritage program data should not be substituted for actual field surveys.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see https://www.fws.gov/program/migratory-bird-permit/what-we-do.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see https://www.fws.gov/library/collections/threats-birds.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/partner/council-conservation-migratory-birds.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Raleigh Ecological Services Field Office
3916 Sunset Ridge Rd
Raleigh, NC 27607
(919) 856-4520

PROJECT SUMMARY

Project Code: 2026-0032073
Project Name: 1301 North Salem Street Assemblage
Project Type: Residential Construction
Project Description: This project is located in Apex, NC
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@35.7453656,-78.85347865380902,14z

Counties: Wake County, North Carolina

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Tricolored Bat *Perimyotis subflavus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Michaux's Sumac *Rhus michauxii* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5217	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act [2] and the Migratory Bird Treaty Act (MBTA) [1]. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

1. The Bald and Golden Eagle Protection Act of 1940.
2. The Migratory Birds Treaty Act of 1918.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are Bald Eagles and/or Golden Eagles in your project area.

Measures for Proactively Minimizing Eagle Impacts
For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the National Bald Eagle Management Guidelines. You may employ the timing and activity-specific distance recommendations in this document when designing your project/activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to Bald Eagle Nesting and Sensitivity to Human Activity.

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional Migratory Bird Office or Ecological Services Field Office.

If disturbance or take of eagles cannot be avoided, an incidental take permit may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the Do I Need A Permit Tool. For assistance making this determination for golden eagles, please consult with the appropriate Regional Migratory Bird Office or Ecological Services Field Office.

Ensure Your Eagle List is Accurate and Complete
If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the Supplemental Information on Migratory Birds and Eagles, to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project

activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

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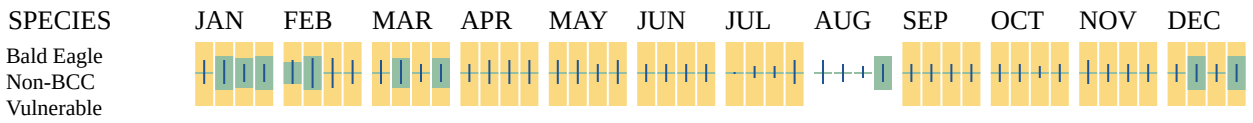
probability of presence breeding season survey effort no data



Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) [1] prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Black-billed Cuckoo *Coccyzus erythropthalmus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Chimney Swift *Chaetura pelagica* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25
Eastern Whip-poor-will *Antrostomus vociferus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10678	Breeds May 1 to Aug 20
Grasshopper Sparrow *Ammodramus savannarum perpallidus* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8329	Breeds Jun 1 to Aug 20
Prairie Warbler *Setophaga discolor* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9513	Breeds May 1 to Jul 31
Prothonotary Warbler *Protonotaria citrea* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9439	Breeds Apr 1 to Jul 31
Red-headed Woodpecker *Melanerpes erythrocephalus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398	Breeds May 10 to Sep 10

NAME	BREEDING SEASON
Wood Thrush *Hylocichla mustelina* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "Supplemental Information on Migratory Birds and Eagles", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

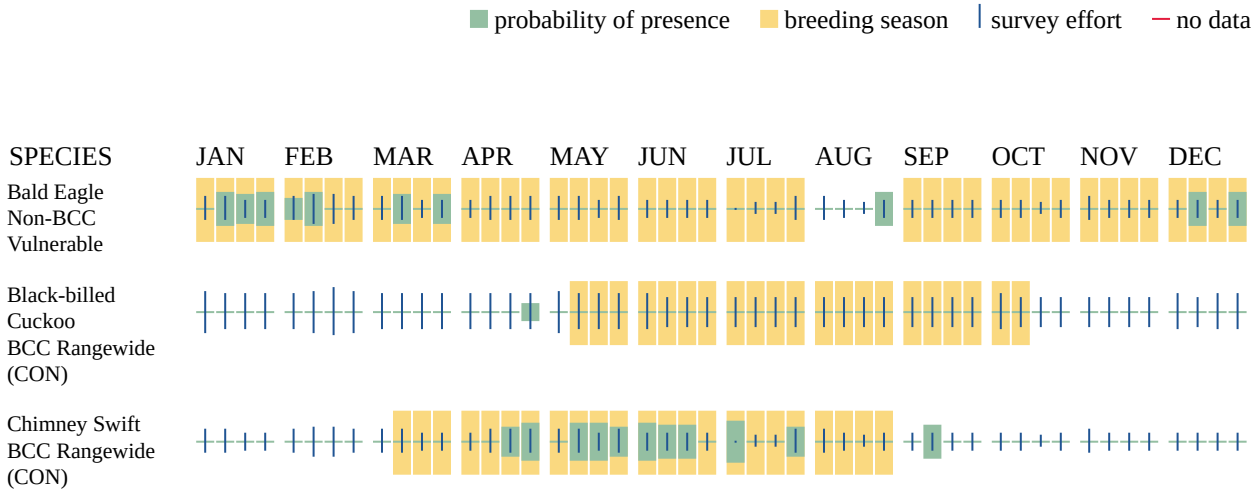
Probability of Presence (■)

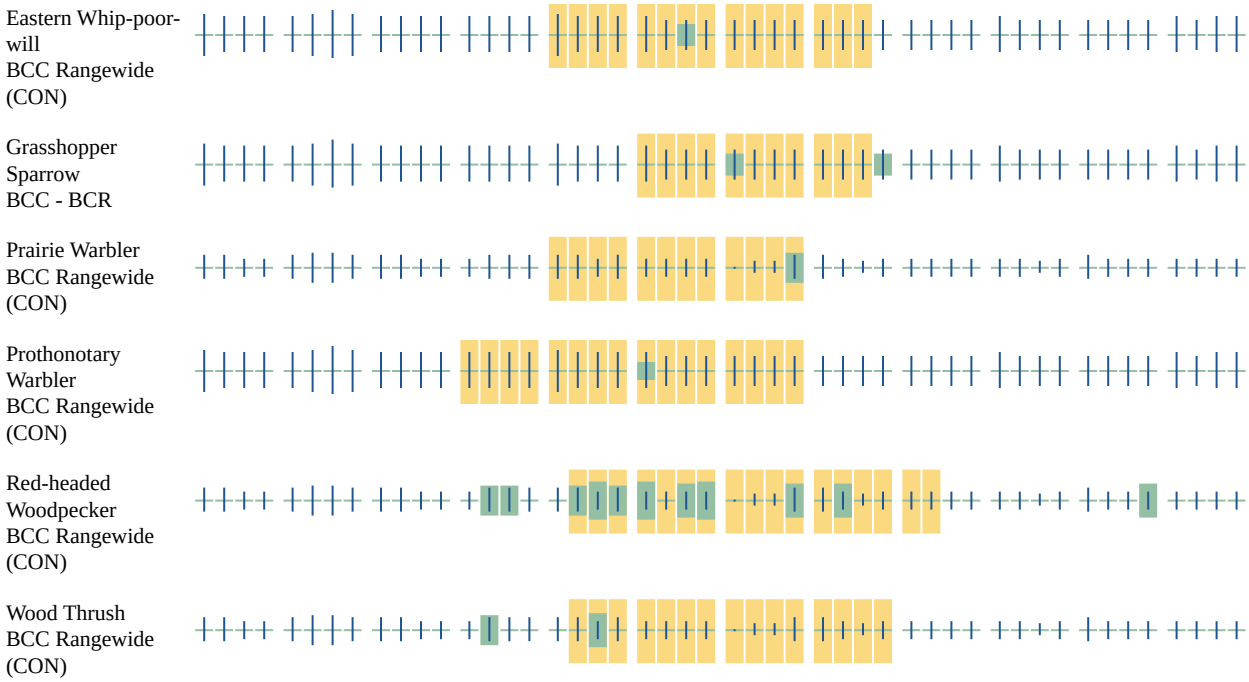
Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)
Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (–)
A week is marked as having no data if there were no survey events for that week.





Additional information can be found using the following links:

- Eagle Management https://www.fws.gov/program/eagle-management
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Emily McCarthy
Address: 8412 Falls of Neuse Road, Suite 104
City: Raleigh
State: NC
Zip: 27615
Email emccarthy@sandec.com
Phone: 9198465900

NC DEPARTMENT OF
NATURAL AND CULTURAL RESOURCES

Josh Stein, **Governor**

Pamela B. Cashwell
Secretary

Misty Franklin
Deputy Director for Natural Heritage

NCNHDE-33207

January 2, 2026

Mason Montgomery
Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road, Suite 104
Raleigh, NC 27615
RE: 1301 North Salem Street Assemblage; 13759

Dear Mason Montgomery:

The North Carolina Natural Heritage Program (NCNHP) appreciates the opportunity to provide information about natural heritage resources for the project referenced above.

Based on the project area mapped with your request, a query of the NCNHP database indicates that there are no records for rare species, important natural communities, natural areas, and/or conservation/managed areas within the proposed project boundary. Please note that although there may be no documentation of natural heritage elements within the project boundary, it does not imply or confirm their absence; the area may not have been surveyed. The results of this query should not be substituted for field surveys where suitable habitat exists. In the event that rare species are found within the project area, please contact the NCNHP so that we may update our records.

The attached 'Potential Occurrences' table summarizes rare species and natural communities that have been documented within a one-mile radius of the property boundary. The proximity of these records suggests that these natural heritage elements may potentially be present in the project area if suitable habitat exists. Tables of natural areas and conservation/managed areas within a one-mile radius of the project area, if any, are also included in this report.

If a Federally-listed species is found within the project area or is indicated within a one-mile radius of the project area, the NCNHP recommends contacting the US Fish and Wildlife Service (USFWS) for guidance. Contact information for USFWS offices in North Carolina is found here: https://www.fws.gov/our-facilities?type=%5B%22Conservation%20Office%22%5D&state_name=%5B%22North%20Carolina%22%5D.

Please note that natural heritage element data are maintained for the purposes of conservation planning, project review, and scientific research, and are not intended for use as the primary criteria for regulatory decisions. Information provided by the NCNHP database may not be published without prior written notification to the NCNHP, and the NCNHP must be credited as an information source in these publications. Maps of NCNHP data may not be redistributed without permission.

Also note that if a Dedicated Nature Preserve (DNP), Registered Natural Heritage Area (RHA), or a NC Land and Water Fund (NCLWF) Project or Conservation Agreement are documented near the project area, NCNHP or NCLWF staff may provide additional correspondence.

If you have questions regarding the information provided in this letter or need additional assistance, please contact the NCNHP at natural.heritage@dncr.nc.gov.

Sincerely,
NC Natural Heritage Program

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Within a One-mile Radius of the Project Area
1301 North Salem Street Assemblage
Project No. 13759
January 2, 2026
NCNHDE-33207

Element Occurrences Documented Within a One-mile Radius of the Project Area

Taxonomic Group	EO ID	Scientific Name	Common Name	Last Observation Date	Element Occurrence Rank	Accuracy	Federal Status	State Status	Global Rank	State Rank
Reptile	39358	Ophisaurus attenuatus longicaudus	Eastern Slender Glass Lizard	1964-09-14	H	4-Low	---	Special Concern	G5T5	S1

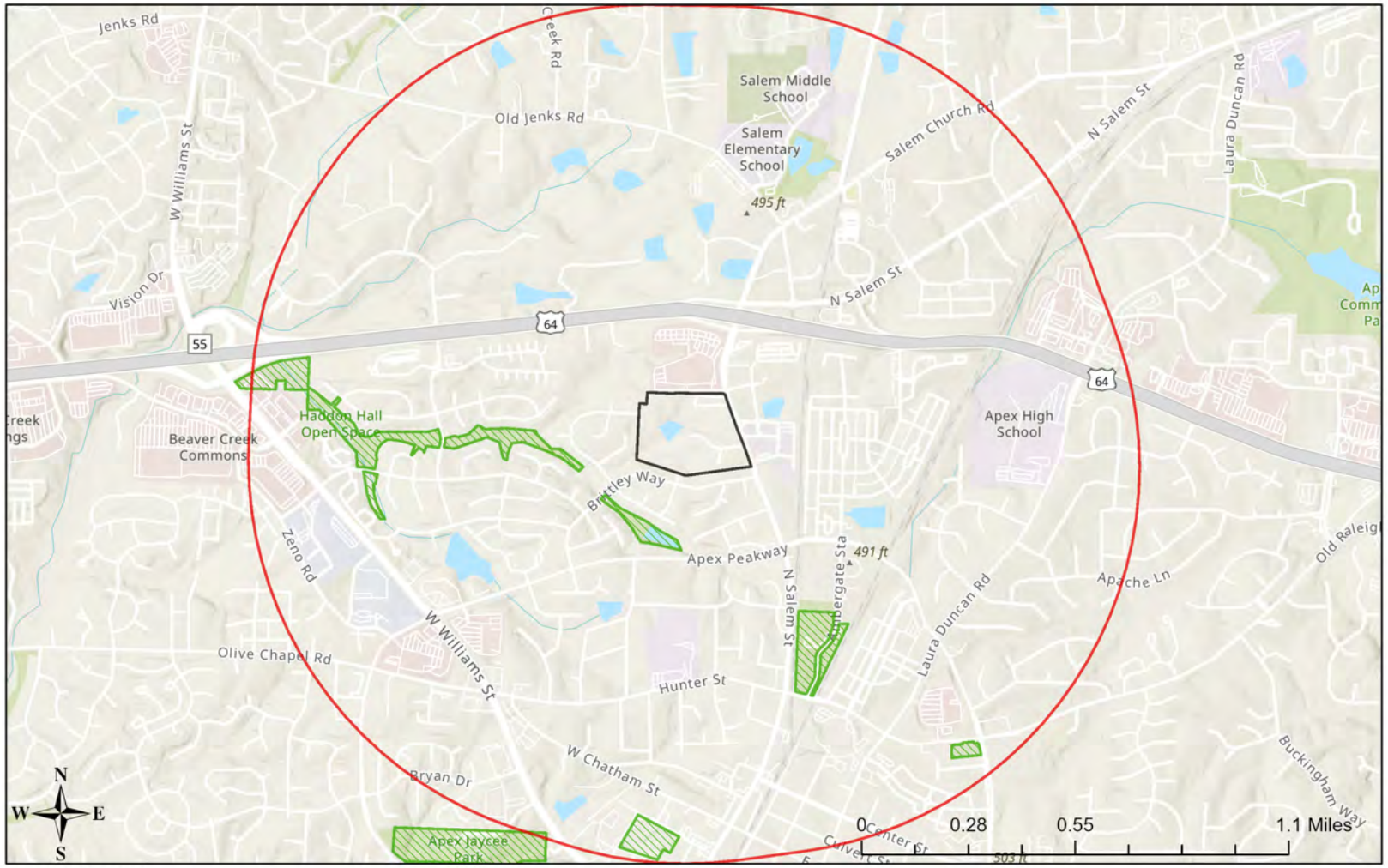
No Natural Areas are Documented Within a One-mile Radius of the Project Area

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Town of Apex Greenway	Town of Apex	Local Government
Town of Apex Greenway - Hadden Hall Greenway	Town of Apex	Local Government
Town of Apex Open Space	Town of Apex	Local Government
Town of Apex Open Space	Town of Apex	Local Government
Town of Apex Open Space - Hunter Street Park	Town of Apex	Local Government
Town of Apex Open Space - Jaycee Park	Town of Apex	Local Government
Town of Apex Open Space - Jones Park	Town of Apex	Local Government

Definitions and an explanation of status designations and codes can be found at https://ncnhde.natureserve.org/help. Data query generated on January 2, 2026; source: NCNHP, Fall (October) 2025. Please resubmit your information request if more than one year elapses before project initiation as new information is continually added to the NCNHP database.

NCNHDE-33207: 1301 North Salem Street Assemblage



January 2, 2026

Managed Area (MAREA)

Buffered Project Boundary

Project Boundary

Esri, NASA, NGA, USGS, FEMA
Duke University, Town of Apex, Wake County, State of North Carolina DOT, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Species Conclusions Table

Project Name: 1301 North Salem Street Assemblage

Date: January 12, 2026

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Tricolored Bat (*Perimyotis subflavus*)	Suitable habitat present, no current surveys conducted	May affect, not likely to jeopardize the existence of the species	Preliminary habitat survey completed by S&EC staff on January 8, 2026.
Monarch Butterfly (*Danaus plexippus*)	Suitable habitat present, no current surveys conducted	May affect, not likely to jeopardize the existence of the species	Preliminary habitat survey completed by S&EC staff on January 8, 2026.
Michaux's Sumac (*Rhus michauxii*)	Suitable habitat present, no current surveys conducted	May affect, not likely to adversely affect	Preliminary habitat survey completed by S&EC staff on January 8, 2026. It should be noted this survey took place outside of the optimal survey window (May through October).
Bald Eagle *(Haliaeetus leucocephalus)*	Unlikely to disturb nesting Bald Eagles	No Eagle Act permit required	Preliminary habitat survey completed by S&EC staff on January 8, 2026.
Critical Habitat	No critical habitat present	Not likely to adversely affect	Preliminary habitat survey completed by S&EC staff on January 8, 2026.

Acknowledgement: I agree that the above information about my proposed project is true. I used all of the provided resources to make an informed decision about impacts in the immediate and surrounding areas.

Mason Montgomery / Environmental Scientist, Wetlands Department at S&EC, Inc. January 12, 2026

Signature /Title Date

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Raleigh Field Office
P.O. Box 33726
Raleigh, NC 27636-3726

Date: January 12, 2026

Self-Certification Letter

Project Name: 1301 North Salem Street Assemblage

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Raleigh Ecological Services online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the project named above in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as amended (ESA), and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c, 54 Stat. 250), as amended (Eagle Act). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be submitted to this office for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA and Eagle Act conclusions. Based on your analysis, mark all the determinations that apply:

- [ ] "no effect" determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- [x] "may affect, not likely to adversely affect" determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- [ ] "may affect, likely to adversely affect" determination for the Northern long-eared bat (Myotis septentrionalis) and relying on the findings of the January 5, 2016, Programmatic Biological Opinion for the Final 4(d) Rule on the Northern long-eared bat;
- [x] "no Eagle Act permit required" determinations for eagles.

We certify that use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the “no effect” or “not likely to adversely affect” determinations for proposed and listed species and proposed and designated critical habitat; the “may affect” determination for Northern long-eared bat; and/or the “no Eagle Act permit required” determinations for eagles. Additional coordination with this office is not needed. Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species. Should project plans change or if additional information on the distribution of proposed or listed species, proposed or designated critical habitat, or bald eagles becomes available, this determination may be reconsidered. This certification letter is valid for 1 year. Information about the online project review process including instructions, species information, and other information regarding project reviews within North Carolina is available at our website http://www.fws.gov/raleigh/pp.html. If you have any questions, you can write to us at Raleigh@fws.gov or please contact Leigh Mann of this office at 919-856-4520, ext. 10.

Sincerely,

/s/Pete Benjamin

Pete Benjamin
Field Supervisor
Raleigh Ecological Services

Enclosures - project review package

WATER RESOURCES DEPARTMENT

July 8, 2025

AJ Kamal
Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road, Suite 105
Raleigh, NC 27615

Subject: Stream Buffer Determination
1301 N Salem Street Assemblage
Apex, NC
Cape Fear River Basin

Apex 25-26-001

On July 1, 2025, Steven Ball met with Evan Kirk at 1301 N Salem Street to evaluate three (3) drainage features to determine if they are subject to the Town of Apex (Town) riparian buffer rules. Based on the information obtained during the evaluation and per the requirements set forth in Section 6.1.11 of the Town Unified Development Ordinance (UDO), I concur with the stream classification as shown on the attached sketch dated June 26, 2025.

Drainage Feature	Shown as on USGS	Shown as on Soil Survey	Determination made in the field	Determined Buffer Width
A1	Intermittent	Perennial	Intermittent	50 feet
A2	Not Present	Intermittent	Ephemeral	0 feet
Pond 1	Present	Present	Jurisdictional	50 feet

This on-site determination shall expire five (5) years from the date of this letter. Landowners or affected parties that dispute a determination made by the Division of Water Resources (DWR) or Delegated Local Authority in the Jordan Lake watershed may request a determination by the DWR Director.

An appeal request must be made within sixty (60) days of date of this letter or from the date the affected party (including downstream and/or adjacent owners) is notified of this letter. A request for a determination by the Director shall be referred to in writing c/o Paul Wojoski, DWR – 401 & Buffer Permitting Brank; 1617 Mail Service Center, Raleigh, NC 27699-1617. Otherwise the appeal procedure will be in accordance with UDO Section 6.1.11.

If you dispute the Director's determination, you may file a petition for an administrative hearing. You must file the petition with the Office of Administrative Hearings within sixty (60) days of receipt of this notice of decision. A petition is considered filed when it is received in the Office of Administrative Hearings during normal office hours. The Office of Administrative Hearings accepts filings Monday through Friday between the hours of 8:00am and 5:00pm, except for official State holidays.

To request a hearing, send the original and one (1) copy of the petition to the Office of Administrative Hearings, 6714 Mail Service Center, Raleigh, NC 27699-6714. A copy of the petition must also be served to the Department of Natural Resources, c/o Bill Lane, General Counsel, 1601 Mail Service Center, Raleigh, NC 27699-1601.

This determination is final and binding unless, as detailed above, you ask for a hearing or appeal within sixty (60) days. This project may require a Section 404/401 Permit for the proposed activity. Any inquiries should be directed to the US Army Corp of Engineers (Raleigh Regulator Field Office) at (919) 554-4884. If you have any questions, please do not hesitate to contact me at (919) 372-7470.

Sincerely,

James Misciagno, CES, CPESC
Stormwater Field Services Supervisor

Riparian Buffer Call
Application

This application is required to be fully completed and submitted to Town staff prior to conducting a buffer call. Please submit the application package electronically to james.misciagno@apexnc.org .

PROPERTY INFORMATION

Owner(s): See Exhibit B: Good Acres Holdings, LLC

Site Address: 1301 N. Salem Road Apex, NC

CONSULTANT INFORMATION (If applicable)

Name: Soil & Environmental Consultants, INC (AJ Kamal)

Address: 8412 Falls of Neuse Road, Suite 104 Raleigh, NC 27615

Email: ajkamal@sandec.com

Phone: 828.320.1959

CHECKLIST

Please place a checkmark in the spaces provided below to indicate that the required information has been provided with this submittal.

Right of Entry Form	X
NCDEQ Stream Identification Forms (v. 4.11)	X
Sketch Map*	X

Topo Map (most recent version)	X
1970 Wake County Soil Survey Map	X

*Sketch map should show all drainage features on the property with all applicable riparian buffers shown. Please clearly indicate or list which features are being called with this application.

NOTES

SIGNATURE (Consultant or Responsible Party)

By my signature below, I certify that the information provided with this application is accurate and truthful.

AJ Kamal

Date: 6/26/2025

S&EC

Soil & Environmental Consultants, Inc.

8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467
sandec.com

PROPERTY OWNER CERTIFICATION / AGENT AUTHORIZATION

Project Name/Description: Good Acres Holdings LLC Assemblage S&EC Project # 13759

Date: 2/24/2025

The Department of the Army
U.S. Army Corps of Engineers, Wilmington District
69 Darlington Avenue
Wilmington, NC 28403

Attn: Lyle Phillips Field Office: Raleigh

I, the undersigned, a duly authorized owner of record of the property/properties identified herein, do authorize representatives of the Wilmington District, U.S. Army Corps of Engineers (Corps) and Soil & Environmental Consultants, Inc. (S&EC) staff (as my agent) to enter upon the property herein described for the purpose of conducting on-site investigations and issuing a determination associated with Waters of the U.S. subject to Federal jurisdiction under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act of 1899. This document also authorizes S&EC (as my agent) to act on my behalf and take all actions necessary for the processing, issuance and acceptance of a permit or certification and any and all associated standard and special conditions.This notification supersedes any previous correspondence concerning the agent for this project.

NOTICE: This authorization, for liability and professional courtesy reasons, is valid only for government officials to enter the property when accompanied by S&EC staff. You should call S&EC to arrange a site meeting prior to visiting the site.

PARCEL INFORMATION:
Parcel Index Number(s) (PIN): See Attachad - Exhibit B Good Acres Holdings, LLC
Site Address:
City, County, State:

PROPERTY OWNER INFORMATION:
Name: David L Goodwin Managar Good Acres Holdings LLC
Address: 5700 Calton Drive Raleigh NC 27612
Phone No.: Fax No.: Mobile No.: 9197880702
Email: dlkg1996@gmail.com

David L Goodwin LLC Manager 2/24/2025
Property Owner (please print) Date

Manager
Property Owner Signature

We hereby certify the above information submitted in this application is true and accurate to the best of our knowledge.

RIGHT OF ENTRY AGREEMENT

I hereby give permission to Soil & Environmental Consultants, Inc., its employees, agents, contractors, and subcontractors to enter the property described below for the purpose of conducting inspections with respect to the condition of the property as deemed necessary and desirable by the Town of Apex and making such surveys, engineering, topographical, geological, and other tests and measurements, and examinations, as well as the performance of an environmental audit of the property. This Right of Entry does not grant permission to enter any buildings or structures.

The right of entry granted hereunder shall apply to my property located at, or more particularly described as follows: THAT CERTAIN TRACT OF LAND CONTAINING _____ ACRES MORE OR LESS AND FOUND RECORDED IN DEED BOOK _____ AT PAGE _____ OF THE WAKE COUNTY REGISTRY AND FURTHER IDENTIFIED AS TAX PIN #____-__-____ LOCATED IN _____ TOWNSHIP, WAKE COUNTY, NORTH CAROLINA. THE PURPOSE OF THIS RIGHT OF ENTRY IS THE PERFORMANCE OF THE ABOVE LISTED TASKS IN CONJUNCTION WITH THE POSSIBLE WETLAND AND STREAM BUFFER DETERMINATIONS.

See Attached Exhibit B **Good Acres Holdings, LLC** "INSURANCE CERTIFICATE DLG REQUIRE BEFORE SITE ACCESS"

Date: 2/24/2025 BY: _____
(Manager)

Record Owner/Manager: David L Goodwin Good Acres Holdings, LLC Manager
Address: 5700 Calton Drive _____
Raleigh NC 27612_____
Phone#: (919) 788 0702_____
(Please enter a phone number)

Owner: SEE ABOVE

Address: _____

2/24/2025
Date

Representative

Exhibit B
Good Acres Holdings, LLC

Properties Listed for Sale under Good Acres Holdings, LLC

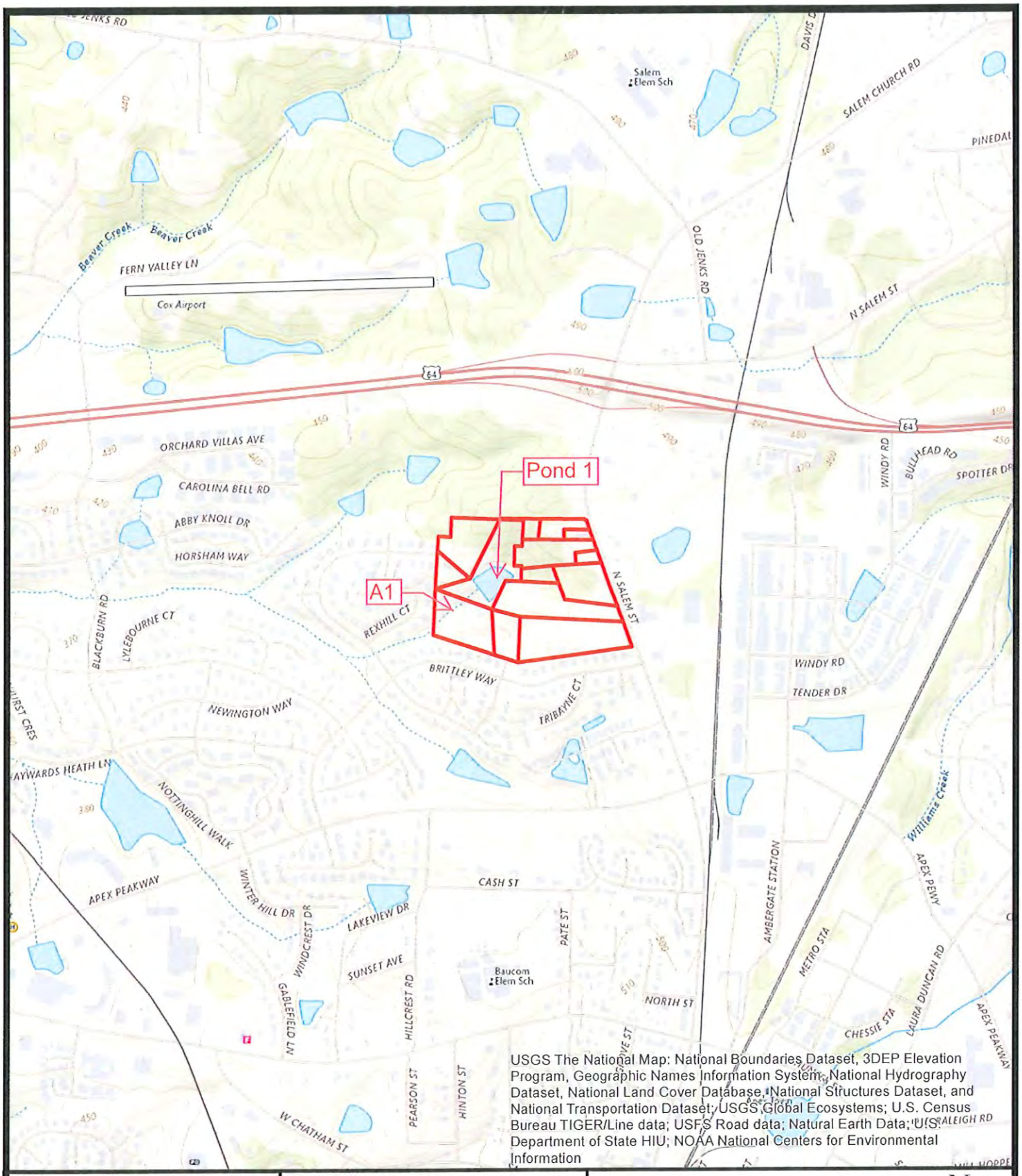
Properties are recorded in the Wake County, NC Register of Deeds under Purchase Contract to Good Acres Holdings, LLC

All properties are in Wake County, NC, in the Town of Apex jurisdiction.

PIN Numbers are Wake County, NC

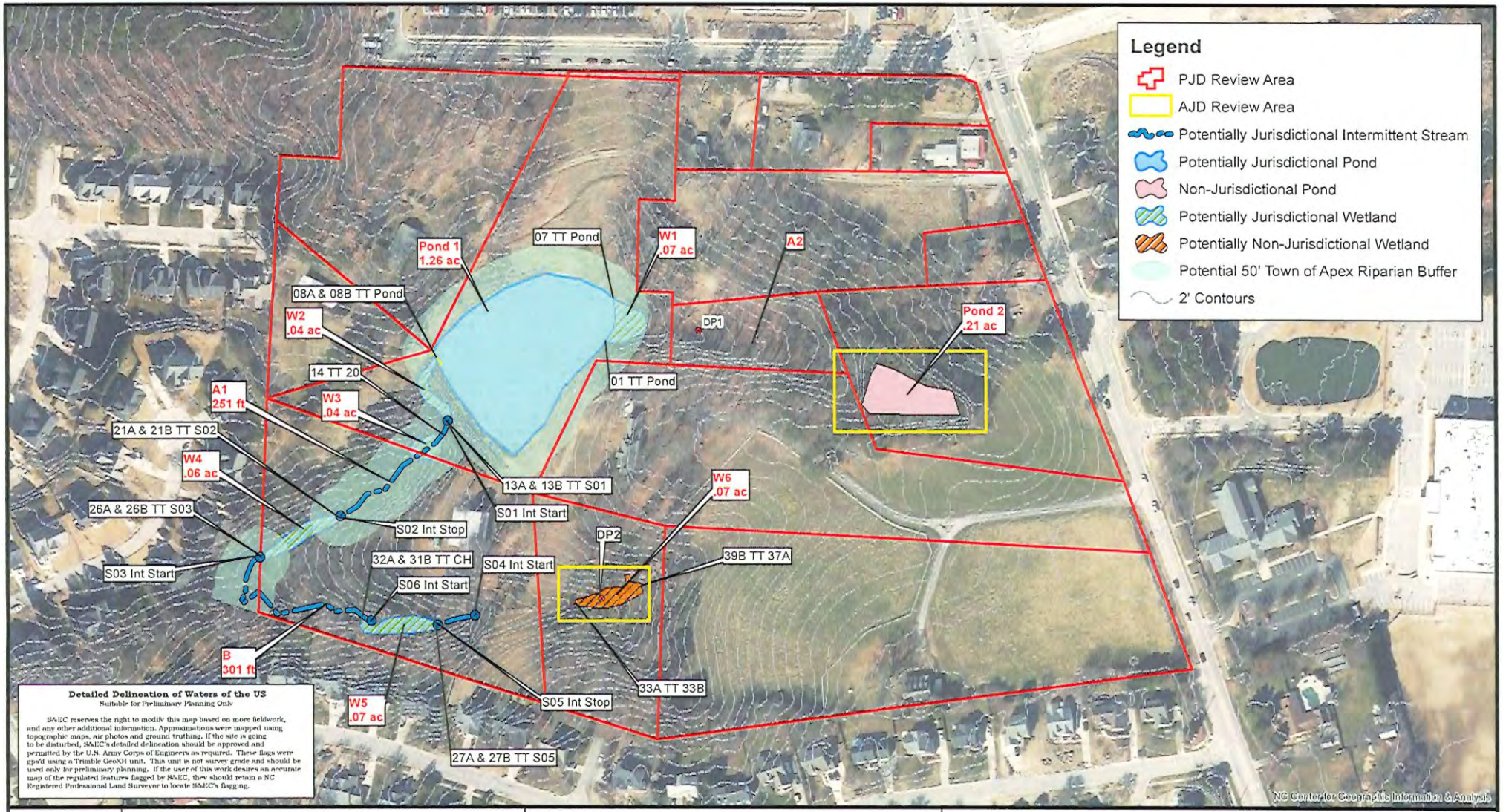
Deeds are recorded in Wake County NC Register of Deeds

	Underlying Owner Name	PIN #	Acreage	Deed Book/Page
1	DLG Holdings LLC	742360631	3.06 Acres	017929/01179
2	DLG Holdings LLC	742363799	.04 Acres	017929/01179
3	DLG Holdings LLC	742366583	2.54 Acres	017929/01179
4	DLG Holdings LLC	742366306	.73 Acres	017929/01179
5	DLG Holdings LLC	742350909	3.77 Acres	017929/01179
6	DLG Holdings LLC	742362719	.02 Acres	017929/01179
7	DLG Holdings LLC	742268387	.93 Acres	017929/1179
8	DLG Holdings LLC	742362432	4.59 Acres	017929/1179
9	Elizabeth Burgess Chapell	742363169	4.46 Acres	011242/00265
10	Elizabeth Burgess Chapell; Andrew Judson Burgess, Jr.	742358857	5.34 Acres	18-E/4113
11	Elizabeth Burgess Chapell; Andrew Judson Burgess, Jr.	742353848	1.67 Acres	18-E/4113
12	Geraldine L. Gilbert Heirs	742365731	.5 Acres	N/A
13	June N. Thompson Heirs	742369479	.5 Acres	002764/00579
14	June N. Thompson Heirs	742369278	2.8 Acres	002335/00365
			30.95 Total Acres	



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information

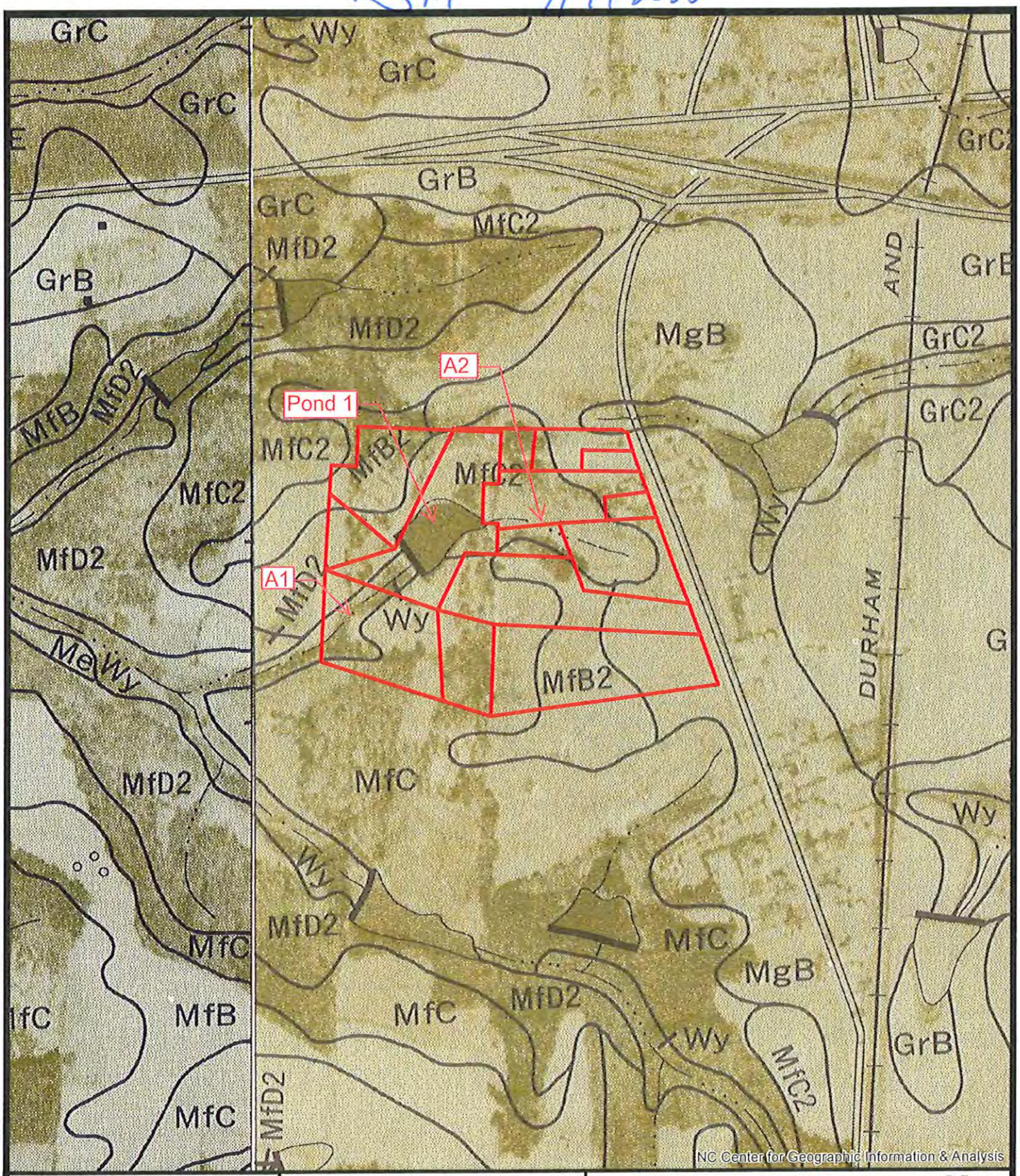
Project Number: 13759.W3	Map Title: USGS Map 1301 N. Salem St Assemblage, Apex, NC	0 1,000 2,000 Feet N
Project Manager: JH		
Scale: 1" = 1000'		
Date: 01/20/2025	Source: ESRI USGS Nat	S&EC Soil & Environmental Consultants, Inc. 8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-5467 seandec.com



Project No. 13759.W3	N W E S	**Wetland Sketch Map**	S&EC Soil & Environmental Consultants, Inc.
Project Mgr.: SB		1301 N. Salem Rd Assemblage, Apex, NC	8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467 sandec.com
Scale: 1" = 150'	0 150 300 600 Feet	Source: Aerials from NC One Maps	
6/26/2025			

JM 9/2025

JM 7/9/2025



Project Number: 13759.W3	Map Title: Soil Survey Map	0 500 1,000 Feet N
Project Manager: JH	1301 N. Salem St Assemblage, Apex, NC	
Scale: 1" = 500'		
Date: 01/20/2025	Source: Wake County Soil Survey Sheet	S&EC Soil & Environmental Consultants, Inc. 8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-5467 seandec.com

NC Division of Water Quality –Methodology for Identification of Intermittent and Perennial Streams and Their Origins v. 4.11

SF-Feature A2

NC DWQ Stream Identification Form Version 4.11

Date: 1/29/2025	**Project/Site:** 1301 N. Salem Rd	**Latitude:** 35.745616
Evaluator: S&EC - AJ Kamal	**County:** Wake	**Longitude:** -78.853065
Total Points: *Stream is at least intermittent if ≥ 19 or perennial if ≥ 30** Non-Scorable Feature	**Stream Determination (circle one)** Ephemeral Intermittent Perennial	**Other** *e.g. Quad Name:*

A. Geomorphology (Subtotal = _____)	Absent	Weak	Moderate	Strong
1[a]. Continuity of channel bed and bank	0	1	2	3
2. Sinuosity of channel along thalweg	0	1	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	2	3
4. Particle size of stream substrate	0	1	2	3
5. Active/relict floodplain	0	1	2	3
6. Depositional bars or benches	0	1	2	3
7. Recent alluvial deposits	0	1	2	3
8. Headcuts	0	1	2	3
9. Grade control	0	0.5	1	1.5
10. Natural valley	0	0.5	1	1.5
11. Second or greater order channel	No = 0		Yes = 3	

[a] artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = _____)				
12. Presence of Baseflow	0	1	2	3
13. Iron oxidizing bacteria	0	1	2	3
14. Leaf litter	1.5	1	0.5	0
15. Sediment on plants or debris	0	0.5	1	1.5
16. Organic debris lines or piles	0	0.5	1	1.5
17. Soil-based evidence of high water table?	No = 0		Yes = 3	

C. Biology (Subtotal = _____)				
18. Fibrous roots in streambed	3	2	1	0
19. Rooted upland plants in streambed	3	2	1	0
20. Macrobenthos (note diversity and abundance)	0	1	2	3
21. Aquatic Mollusks	0	1	2	3
22. Fish	0	0.5	1	1.5
23. Crayfish	0	0.5	1	1.5
24. Amphibians	0	0.5	1	1.5
25. Algae	0	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = 0			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Non-Scorable Feature

Sketch:

JH Feature not present JM 7/9/2025

soils = Intermittent

USGS: Not present

EK 6/27/25

NC Division of Water Quality –Methodology for Identification of Intermittent and Perennial Streams and Their Origins v. 4.11

SF1 - Feature A1

NC DWQ Stream Identification Form Version 4.11

Date: 1/29/2025	**Project/Site:** 1301 N. Salem Rd	**Latitude:** 35.745036
Evaluator: S&EC - AJ Kamal	**County:** Wake	**Longitude:** -78.855083
Total Points: *Stream is at least intermittent if ≥ 19 or perennial if ≥ 30** 23.5	**Stream Determination (circle one)** Ephemeral Intermittent Perennial	**Other** *e.g. Quad Name:*

A. Geomorphology (Subtotal = 11)	Absent	Weak	Moderate	Strong
1[a]. Continuity of channel bed and bank	0	1	2	3
2. Sinuosity of channel along thalweg	0	1	2	3
3. In-channel structure: ex. riffle-pool, step-pool, ripple-pool sequence	0	1	2	3
4. Particle size of stream substrate	0	1	2	3
5. Active/relict floodplain	0	1	2	3
6. Depositional bars or benches	0	1	2	3
7. Recent alluvial deposits	0	1	2	3
8. Headcuts	0	1	2	3
9. Grade control	0	0.5	1	1.5
10. Natural valley	0	0.5	1	1.5
11. Second or greater order channel	No = 0		Yes = 3	

[a] artificial ditches are not rated; see discussions in manual

B. Hydrology (Subtotal = 9.5)				
12. Presence of Baseflow	0	1	2	3
13. Iron oxidizing bacteria	0	1	2	3
14. Leaf litter	1.5	1	0.5	0
15. Sediment on plants or debris	0	0.5	1	1.5
16. Organic debris lines or piles	0	0.5	1	1.5
17. Soil-based evidence of high water table?	No = 0		Yes = 3	

C. Biology (Subtotal = 3)				
18. Fibrous roots in streambed	3	2	1	0
19. Rooted upland plants in streambed	3	2	1	0
20. Macrobenthos (note diversity and abundance)	0	1	2	3
21. Aquatic Mollusks	0	1	2	3
22. Fish	0	0.5	1	1.5
23. Crayfish	0	0.5	1	1.5
24. Amphibians	0	0.5	1	1.5
25. Algae	0	0.5	1	1.5
26. Wetland plants in streambed	FACW = 0.75; OBL = 1.5 Other = 0			

*perennial streams may also be identified using other methods. See p. 35 of manual.

Notes:

Sketch:

JH

soils = perennial
USGS = intermittent

EK 7/25

JM 7/9/2025

RiskHydro PLLC
916 East St #1206
Pittsboro, NC 27312
(336) 648-6980

MEMORANDUM

TO: Patrick Smith, PE, LEED AP (Soil & Environmental Consultants, Inc.)

FROM: Matthew Burnette, PG, PH, CFM (RiskHydro PLLC)

DATE: August 4, 2026

SUBJECT: Hydrologic Analysis and Development of Breach Design Flows for North Salem Street Dam (WAKE-649)

---

1 INTRODUCTION AND BACKGROUND

North Salem Street Dam (North Carolina State Dam ID: WAKE-649) is located within the Town of Apex in Wake County, North Carolina (Figure 1). The dam is located on parcel NC PIN 0742362432, approximately 1,400 feet northwest of the intersection of North Salem Street and Brittley Way (latitude 35.7453, longitude -78.8547). The dam is situated on an unnamed tributary to Beaver Creek.

Soil & Environmental Consultants, Inc. (S&EC) is preparing a Jurisdictional Determination/Hazard Classification (JDHC) request for submittal to the North Carolina Department of Environmental Quality (NCDEQ) Dam Safety Program. In support of the JDHC, RiskHydro PLLC performed a sunny-day dam breach analysis to evaluate potential downstream impacts and determine the appropriate hazard classification. The analysis indicated that a dam failure could affect Charlion Downs Lane, Blackburn Road, and a residential structure located at 1902 Charlion Downs Lane. Based on these potential impacts, the analysis supports classification of the dam as a High Hazard (Class C) dam. North Salem Street Dam has a maximum height of approximately 15.3 feet and a maximum impoundment storage capacity of approximately 9.8 acre-feet. Both values were determined from the topographic survey prepared by Canoy Surveying (Canoy, 2025). Both values fall below the small size classification thresholds of 35 feet in height and 750 acre-feet of total storage defined in 15A NCAC 02K (NCDEQ, 2017). The dam is therefore classified as small High Hazard (Class C).

The owner intends to permanently breach the dam by constructing a channel through the existing embankment. The permanent breach channel will allow storm flows to pass through the embankment without re-impounding the former reservoir. In accordance with NCDEQ Dam Safety Program requirements, the channel must safely convey the Spillway Design Flood (SDF) associated with the dam's hazard classification without re-impounding the former reservoir. For a small High Hazard (Class C) dam, the SDF is the flood resulting from the one-third Probable Maximum Precipitation (1/3 PMP) storm event (NCDEQ, 2017). In addition, NCDEQ requires the breach channel to be lined or otherwise stabilized to at least the water surface elevation associated with the peak flow from the 50-year, 24-hour storm event to provide stability during more frequent storm events (NCDEQ, 2026).

To support breach channel sizing and stabilization, a hydrologic analysis was performed to develop inflow design floods (IDFs) for the contributing watershed upstream of North Salem Street Dam. The IDFs provide the inflow hydrographs used to size the breach channel and determine the required extent of channel armoring. The analysis evaluated the watershed under existing land-cover and drainage conditions. Precipitation inputs were developed using rainfall depths and temporal distributions from the 2025 North Carolina Probable Maximum Precipitation Study (Applied Weather Associates [AWA], 2025). Annual exceedance probability (AEP) rainfall depths were also obtained from the study to maintain consistency with current NCDEQ Dam Safety Program hydrologic guidance.

Merit Group, LLC provided a preliminary site plan showing the anticipated development layout (Figure 2). Although the plan is not final, it indicates that most of the existing drainage area upstream of the dam will be rerouted to proposed stormwater control measures located downstream of the dam and will not discharge through the permanent breach channel. Because the anticipated drainage modifications would substantially reduce the area draining to the breach, future conditions were not modeled, and existing conditions were used as the basis for developing the breach flows. The site plan provided by Merit Group, LLC is preliminary and subject to revision. If the final grading and drainage design routes additional area or additional impervious cover to the permanent breach channel, the inflow design floods presented in this memorandum should be revisited and the breach channel sizing and stabilization revised accordingly.

Figure 2. Preliminary North Salem Street Mixed-Use Development Site Plan Prepared by Kimley-Horn for Merit Group, LLC

The following sections describe the methodology, data sources, and results of the hydrologic analysis used to establish the IDFs for North Salem Street Dam. These IDFs provide the basis for sizing and stabilizing the permanent breach channel.

2 HYDROLOGIC MODELING APPROACH

The United States Army Corps of Engineers (USACE) Hydrologic Engineering Center's Hydrologic Modeling System (HEC-HMS) Version 4.13 (USACE, 2026) was used to develop reservoir inflow hydrographs for the 10-year, 25-year, 50-year, and 100-year, 24-hour storm events and the 1/3 PMP design storm. Key inputs and procedures are described in the following sections.

2.1 Precipitation

Basin-average PMP depths were obtained using the Gridded PMP Tool, a Python script executed within the ArcGIS Pro environment. Because the contributing drainage area is relatively small (less than one square mile), only the Local PMP storm type was evaluated. For drainage areas less than 10 square miles, the Tropical Storm and General Storm PMP types are unlikely to control the PMP depths; therefore, the Local Storm PMP is the appropriate governing storm type for this evaluation (AWA, 2025).

PMP depths were evaluated for the Local storm type for the 6-hour and 24-hour durations to determine the governing PMP duration for the watershed. The resulting PMP precipitation depths were reduced by a factor of three to establish the 1/3 PMP design storm in accordance with NCDEQ Dam Safety Program guidance for small High Hazard (Class C) dams. The precipitation depths were distributed using the 90th percentile temporal distribution, which satisfied the interim PMP depth test defined in the 2025 North Carolina PMP Study. The PMP depth-duration relationship is shown in Figure 3.

Basin-average precipitation depths for the 10-year, 25-year, 50-year, and 100-year storm events were obtained from the Basin AEP Tool, a Python script executed within the ArcGIS Pro environment. Reservoir inflow hydrographs were developed using a 24-hour storm duration for all AEP storm events. The 10-year, 25-year, and 50-year storm events were distributed using the NOAA Atlas 14 24-hour temporal distribution (Quartile 1, 50th percentile). The 100-year storm event was distributed using the same 90th percentile temporal distribution applied to the PMP analysis as recommended by the 2025 North Carolina PMP Study. The resulting basin-average precipitation depths for the 24-hour duration are illustrated in Figure 4.

The resulting precipitation hyetographs were applied in the HEC-HMS model to generate reservoir inflow hydrographs for each storm event.

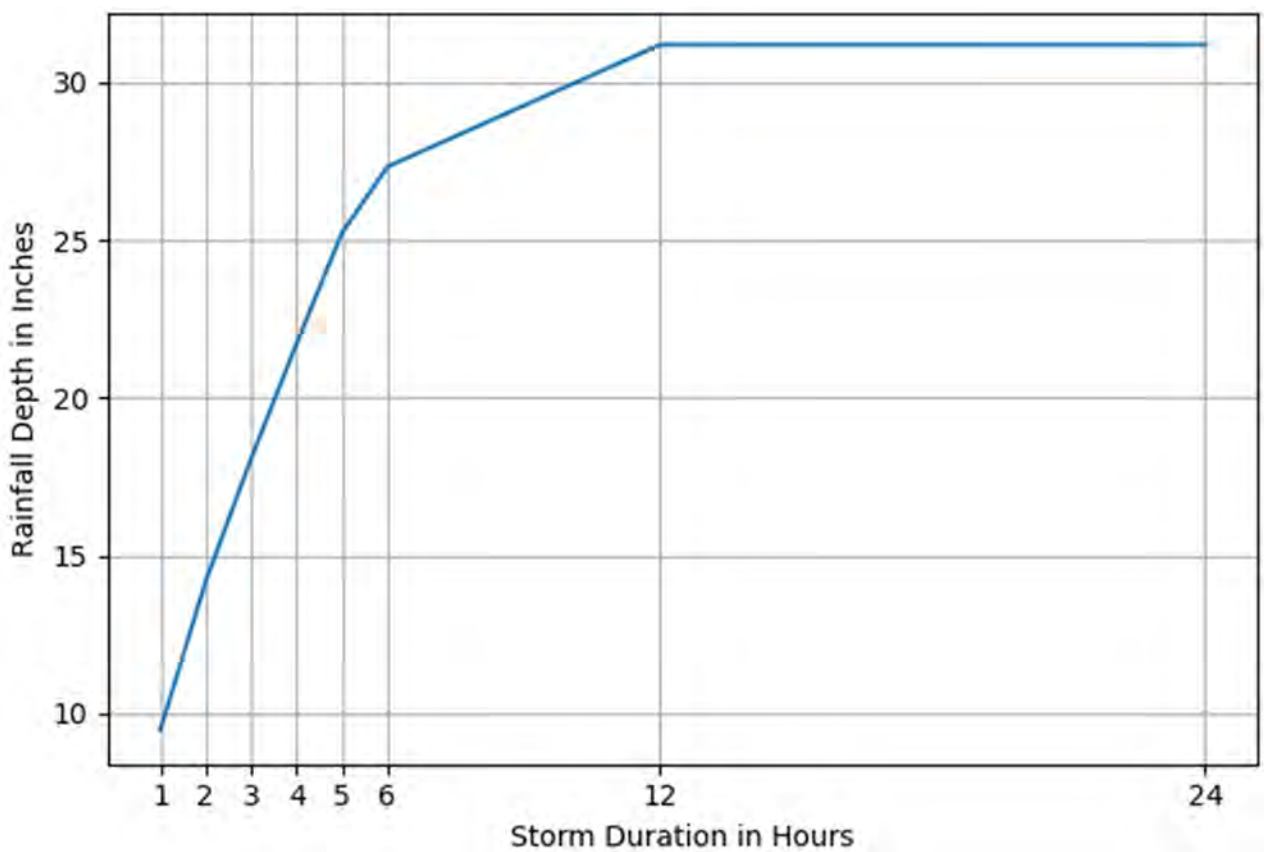
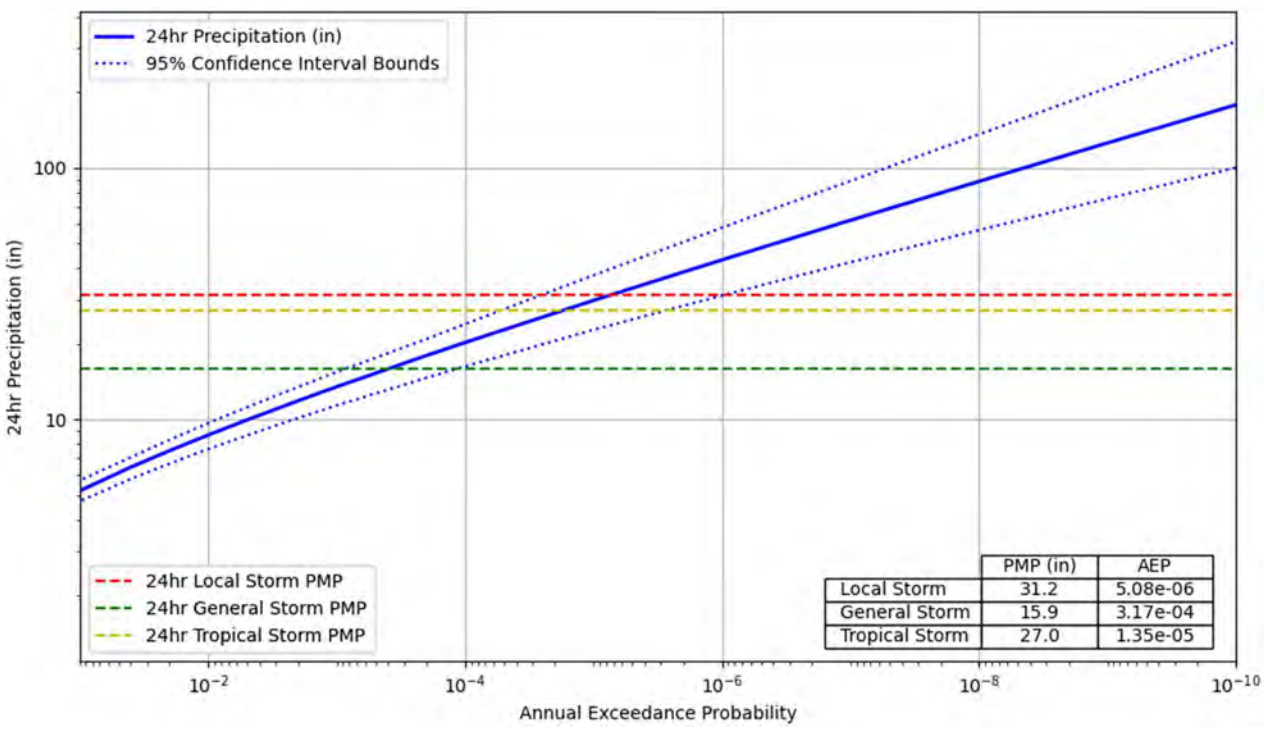


Figure 3. Local Storm PMP Depth-Duration Chart (full PMP values shown)



	PMP (in)	AEP
Local Storm	31.2	5.08e-06
General Storm	15.9	3.17e-04
Tropical Storm	27.0	1.35e-05

Figure 4. Basin-Average 24-Hour AEP Precipitation Depths

Basin-average precipitation depths for each storm event are summarized in Table 1:

Table 1. Basin Average Precipitation Depth

Storm Event	Precipitation Depth (in)
10 year, 24-hour	5.20
25 year, 24-hour	6.46
50 year, 24-hour	7.51
100 year, 24-hour	8.67
1/3 PMP, 6-hour	9.11
1/3 PMP, 24-hour	10.40

Note: Precipitation depths are reported to the nearest 0.01 inch as computed by the Gridded PMP Tool and Basin AEP Tool.

2.2 Watershed Delineation

The watershed draining to North Salem Street Dam was delineated using the Spatial Analyst tools within ArcGIS Pro and a three-foot digital elevation model (DEM) derived from Quality Level 1 LiDAR obtained from the North Carolina Spatial Data Download Center (NCSDD, 2026). The delineated watershed boundary was visually reviewed to confirm consistency with the surrounding topography and the location of the dam. The resulting drainage area is approximately 14.9 acres (Figure 5).

2.3 Land Cover and Hydrologic Soils

Existing land-cover conditions were characterized using the 2025 National Land Cover Database (NLCD) (USGS, 2026) and reviewed against recent aerial imagery to confirm the mapped classifications and identify any recent changes not reflected in the dataset (Figure 6). As summarized in Table 2, developed open space is the predominant land-cover type, comprising approximately 10.1 acres, or 67.8 percent, of the watershed. The remaining area consists of low- and medium-intensity development, deciduous and mixed forest, and open water.

Table 2. 2025 NLCD Land Cover Summary

2025 NLCD Land Cover	Area (acres)	Percent of Watershed
Open Water	0.22	1.5 %
Developed, Open Space	10.09	67.8 %
Developed, Low Intensity	1.73	11.7 %
Developed, Medium Intensity	0.30	2.0 %
Deciduous Forest	1.64	11.0 %
Mixed Forest	0.89	6.0 %
Total	**14.88**	**100 %**

Note: Areas are reported to the nearest 0.01 acre and percentages to the nearest 0.1 percent. Individual values may not sum to the totals shown due to rounding.

Hydrologic soil group (HSG) data were obtained from the USDA Natural Resources Conservation Service (NRCS) Web Soil Survey (NRCS, n.d.) (Figure 7). As summarized in Table 3, approximately 13.4 acres, or 90.3 percent, of the watershed are mapped as dual HSG C/D. The remaining 1.4 acres, or 9.7 percent, are mapped as water. For Curve Number development, dual HSG C/D soils were assumed to be undrained and were therefore assigned an effective HSG D classification. Areas mapped as water in the HSG dataset were assigned a Curve Number of 100.

Table 3. NRCS Hydrologic Soil Group Summary

NRCS HSG	Area (acres)	Percent of Watershed
C/D	13.44	90.3 %
Water	1.44	9.7 %
Total	**14.88**	**100 %**

Note: Areas are reported to the nearest 0.01 acre and percentages to the nearest 0.1 percent. Percentages are calculated on the total delineated drainage area of 14.88 acres.

Curve Numbers were assigned based on the combination of NLCD land cover, corresponding TR-55 land cover description, and HSG (NRCS, 1986). Curve Numbers were developed assuming antecedent moisture condition II (AMC II), representing average antecedent moisture conditions consistent with NRCS guidance for design storm applications. The Curve Number assignment matrix used for the HEC-HMS model is summarized in Table 4.

Table 4. TR-55 Curve Numbers Assigned to NLCD Land Cover Categories

2025 NLCD Land Cover Description	TR-55 Analog	Curve Number			
		HSG A	HSG B	HSG C	HSG D
Open Water	NA	100	100	100	100
Developed, Open Space	Open Space (Good Condition)	39	61	74	80
Developed, Low Intensity	Residential, 1/4 acre	61	75	83	87
Developed, Medium Intensity	Residential, 1/8 acre	77	85	90	92
Deciduous Forest	Woods (Good Condition)	30	55	70	77
Mixed Forest	Woods (Good Condition)	30	55	70	77

The resulting weighted composite Curve Number for the North Salem Street Dam watershed is 82. This composite value was used in the HEC-HMS model to estimate runoff from the contributing drainage area.

2.4 Hydrologic Methods and Parameters

Runoff was simulated using the NRCS Curve Number (CN) loss method (NRCS, 2010) within HEC-HMS. Excess precipitation was transformed using the SCS Unit Hydrograph method with a peak rate factor of 484. Watershed lag time was estimated using the NRCS lag time equation (Equation 1) (NRCS, 2010).

$$L = \frac{l^{0.8}(S+1)^{0.7}}{1{,}900Y^{0.5}} \tag{1}$$

where L = watershed lag time (hours)
l = length of longest flow path (feet)
S = potential maximum retention (inches) from Equation 2
Y = mean basin slope (percent)

$$S = \frac{1{,}000}{cn'} - 10 \tag{2}$$

where cn' = retardance factor (unitless), approximately the same as Curve Number

The hydrologic parameters used to estimate watershed lag time included a longest flow path length of 1,808 feet, a mean watershed slope of 5.25 percent, and a potential maximum retention of 2.18 inches based on the composite Curve Number. Using the NRCS lag time equation, the watershed lag time was calculated to be approximately 12 minutes.

3 INFLOW DESIGN FLOOD RESULTS

The HEC-HMS model was executed under existing watershed conditions for each evaluated storm event using PMP and AEP rainfall depths from the 2025 North Carolina PMP Study. The HEC-HMS model is provided as a project deliverable. The resulting peak inflows are summarized in Table 5 and are intended for direct use in sizing and stabilizing the permanent breach channel. Modeled peak inflows

range from 5.7 cfs for the 10-year, 24-hour storm event to 27.1 cfs for the 1/3 PMP, 24-hour storm event. The increase in peak inflow between the 50-year and 100-year storm events reflects the change in temporal distribution rather than the increase in rainfall depth alone. The 10-year through 50-year events were distributed using the NOAA Atlas 14 24-hour distribution (Quartile 1, 50th percentile), while the 100-year event was distributed using the 90th percentile distribution recommended by the 2025 North Carolina PMP Study, which concentrates a larger fraction of the total depth near the storm peak.

Table 5. Peak Inflow Discharges to North Salem Street Dam

Storm Event	Peak Discharge (cfs)
10 year, 24-hour	5.7
25 year, 24-hour	7.8
50 year, 24-hour	9.6
100 year, 24-hour	21.6
1/3 PMP, 6-hour	25.9
1/3 PMP, 24-hour	27.1

Note: Peak discharges are reported to the nearest 0.1 cfs and represent unrouted inflow to the dam.

4 SUMMARY AND DESIGN APPLICATION

The hydrologic analysis for North Salem Street Dam was completed in accordance with NCDEQ Dam Safety Program guidance using precipitation data from the 2025 North Carolina PMP Study. Existing watershed conditions were evaluated to develop the inflow hydrographs and peak discharges needed to size and stabilize the permanent breach channel. Future conditions were not evaluated because the preliminary development concept provided by Merit Group, LLC indicates that most of the existing drainage area will be rerouted downstream of the dam and away from the permanent breach channel (Figure 2). Because the site plan is preliminary and subject to revision, the inflow design floods presented in this memorandum should be revisited if the final grading and drainage design routes additional area or additional impervious cover to the permanent breach channel.

As summarized in Table 5, the permanent breach channel should be sized to safely convey the peak inflow of 27.1 cfs associated with the 1/3 PMP, 24-hour storm event without re-impounding the former reservoir. The channel should be lined or otherwise stabilized to at least the peak water-surface elevation associated with the 50-year, 24-hour peak inflow of 9.6 cfs. The final channel configuration should be evaluated hydraulically to confirm conveyance capacity, water-surface elevations, velocities, and the required extent of channel stabilization.

5 REFERENCES

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FIGURES

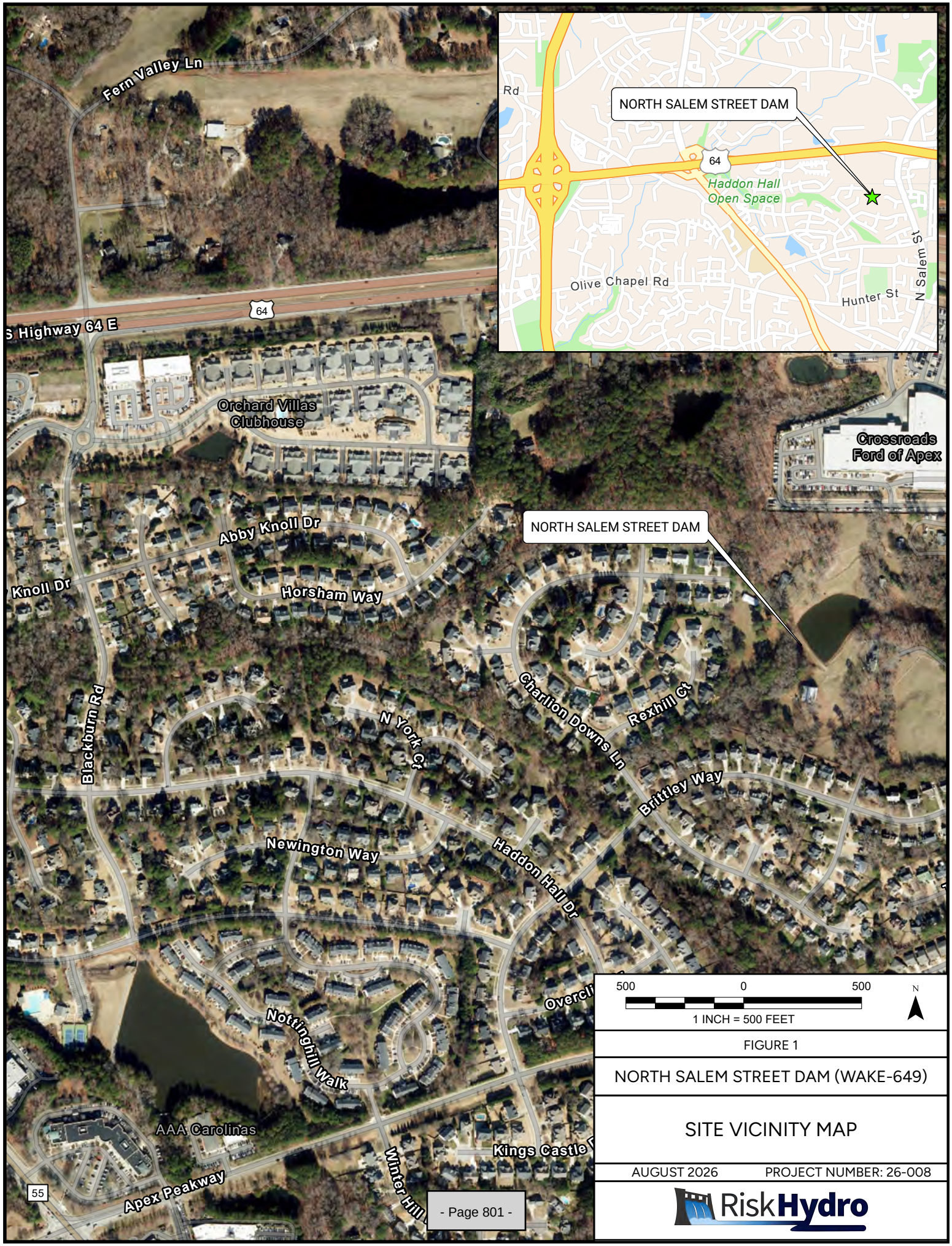

FIGURE 1

NORTH SALEM STREET DAM (WAKE-649)

SITE VICINITY MAP

AUGUST 2026 PROJECT NUMBER: 26-008

RiskHydro

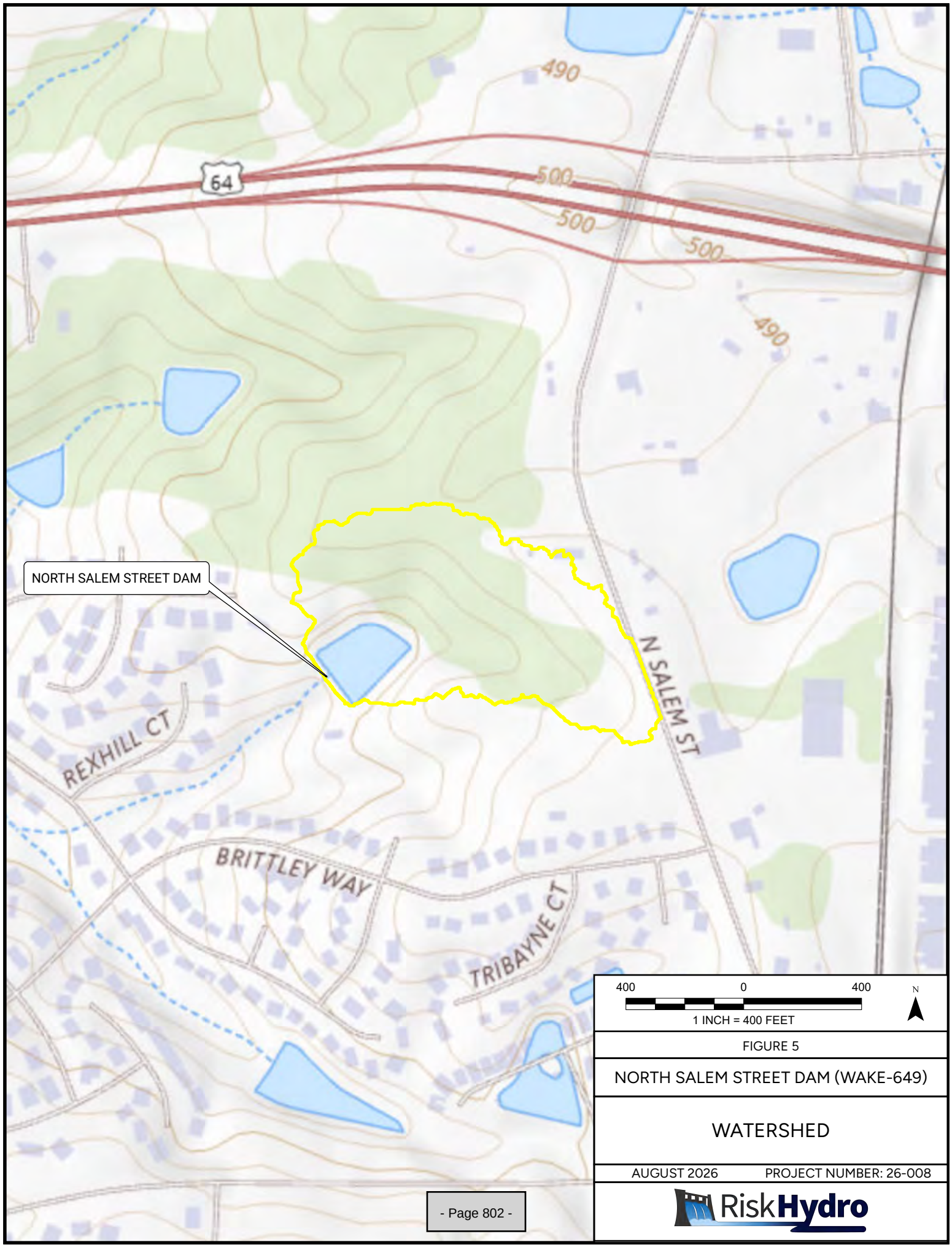

FIGURE 5

NORTH SALEM STREET DAM (WAKE-649)

WATERSHED

AUGUST 2026 PROJECT NUMBER: 26-008

RiskHydro

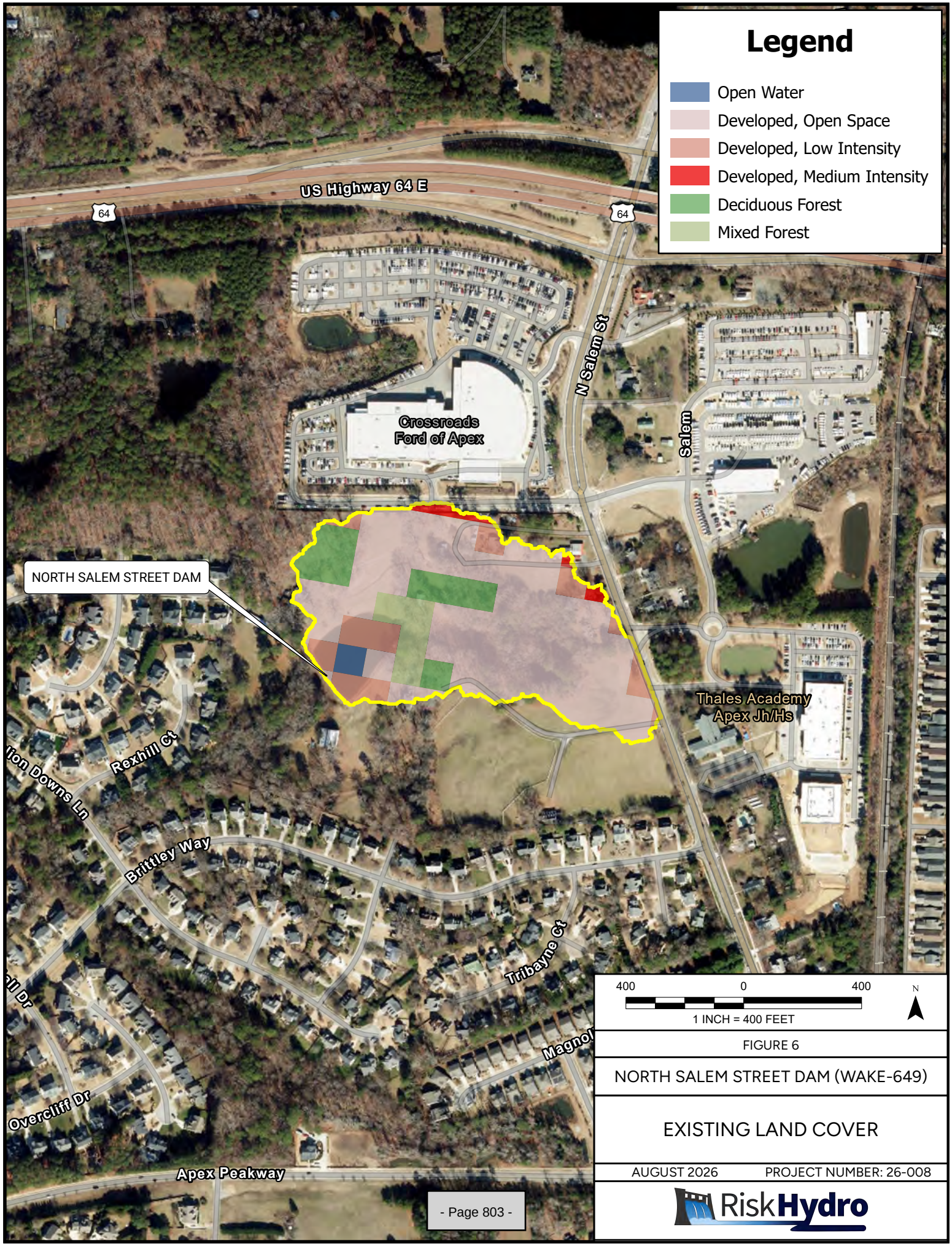

FIGURE 6

NORTH SALEM STREET DAM (WAKE-649)

EXISTING LAND COVER

AUGUST 2026 PROJECT NUMBER: 26-008

RiskHydro

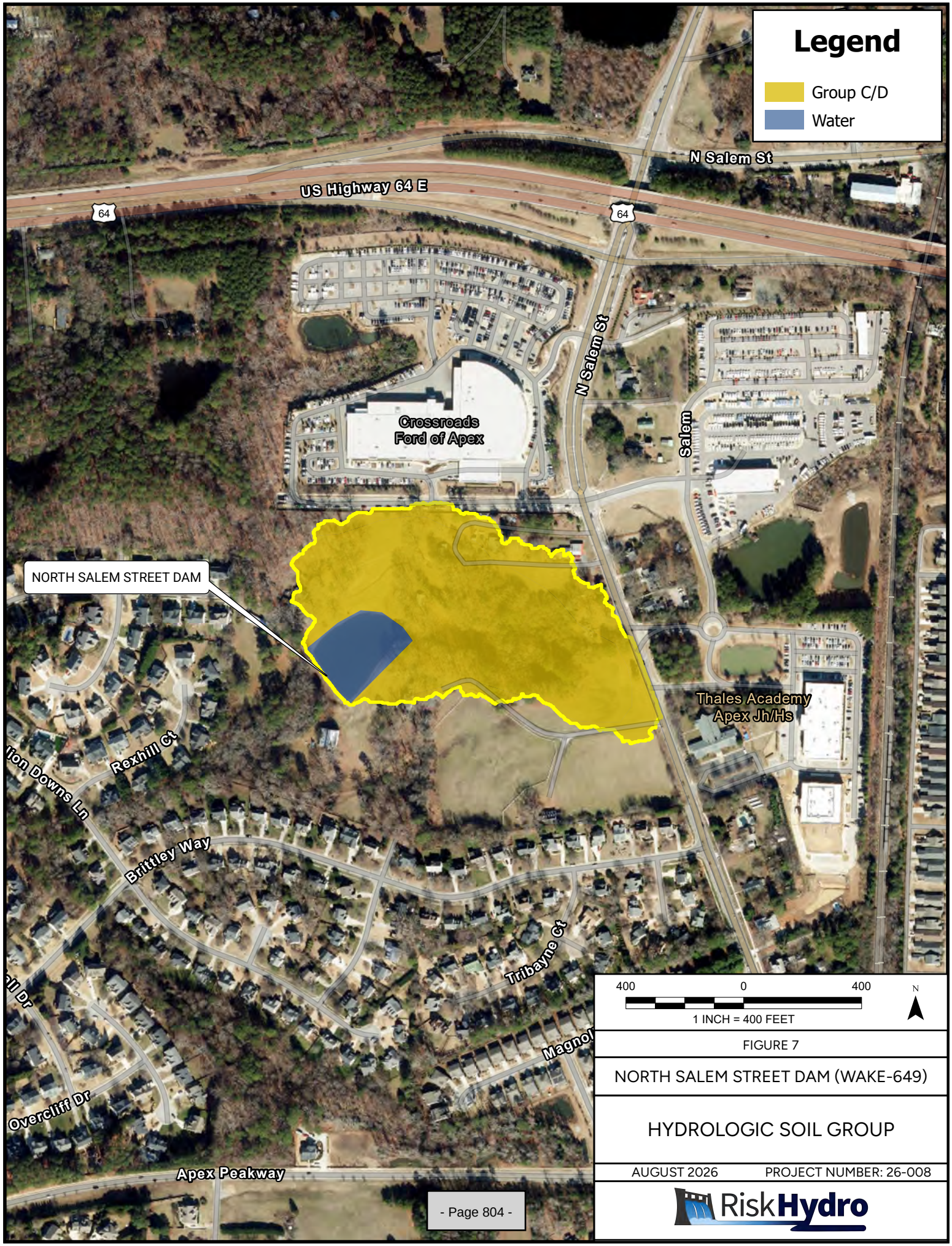

FIGURE 7

NORTH SALEM STREET DAM (WAKE-649)

HYDROLOGIC SOIL GROUP

AUGUST 2026 PROJECT NUMBER: 26-008

RiskHydro

Soil & Environmental Consultants, Inc.
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sandec.com

July 28, 2026
S&EC Project No. 13759.D1

North Carolina Department of Environmental Quality (NCDEQ)
Division of Energy, Mineral, and Land Resources (DEMLR)
Dam Safety Program
Attn: Mr. Jordan Pappas, PE
Archdale Building, Fifth Floor
512 North Salisbury Street
Raleigh, NC 27604

RE: Jurisdictional Determination/Hazard Classification Request
North Salem Street Dam (WAKE-TBD)
Wake County, NC

Dear Dam Safety Program:

Soil & Environmental Consultants, Inc. (S&EC) has prepared the attached documentation requesting a Jurisdictional Determination/Hazard Classification (JD/HC) for an existing dam located within the Town of Apex, Wake County, North Carolina. The dam is located on property identified as NC PIN 0742362432, approximately 1,400 feet northwest of the intersection of North Salem Street and Brittley Way, at coordinates 35.7453° latitude and -78.8547° longitude. Refer to the attached figures.

Based on a review of the North Carolina Department of Environmental Quality (NCDEQ) Dam Inventory, the subject dam does not appear to be listed and is therefore not currently regulated by the NCDEQ Dam Safety Program. S&EC is submitting this request on behalf of Merit Group, LLC (Attn: Mr. Paul V. Muñana), which retained S&EC to evaluate the dam and determine its regulatory status in support of the proposed decommission/breach of the existing dam.

On June 18, 2026, S&EC conducted a site visit to perform a preliminary evaluation of the dam and surrounding area. At the time of the site visit, no formal survey of the dam or its appurtenant features had been completed; therefore, the dimensions and

elevations documented during the site visit were estimated in the field and should be considered approximate.

Based on observations made during the June 18, 2026, site visit and available online data, a summary of the dam characteristics is provided below.

Subject Dam:

The dam has an estimated length of approximately 250 feet. The crest width is relatively uniform but varies slightly along the embankment, ranging from approximately 10 to 12 feet. The maximum dam height, measured at the highest crest elevation, was estimated in the field to be approximately 15.3 feet.

The upstream embankment slope varies along the length of the dam and was estimated to range from approximately 2H:1V to 3H:1V. The downstream embankment slope also varies and was estimated to range from approximately 1H:1V to 2H:1V. Refer to the Site Photographs included in Attachment 2.

At the time of the site visit, the water surface elevation (WSE) within the pond appeared to be approximately 30 to 36 inches below the design normal pool elevation, which was estimated in the field to be approximately 2.7 feet below the maximum dam crest elevation. The design normal pool elevation within the impoundment is controlled by a 24-inch-diameter masonry/brick riser with an approximate 15-inch-diameter reinforced concrete pipe (RCP) outlet barrel located near the right abutment of the dam.

Preliminary estimates based on available topographic mapping and aerial imagery indicated a pond surface area of approximately 1.3 acres at the estimated normal pool elevation and approximately 1.6 acres at the maximum embankment crest elevation, with corresponding storage volumes of approximately 6.6 acre-feet and 9.8 acre-feet, respectively. Available topographic data also indicate that the contributing drainage area to the pond is approximately 14.9 acres (see Figure 4).

During the site visit, portions of the unnamed tributary to Beaver Creek downstream of the dam were traversed to observe drainage patterns, floodplain characteristics, and potential downstream hazards. Field observations included the stream crossings at Charlion Downs Lane (approximately 980 feet [0.19 mile] downstream), Blackburn Road (approximately 3,550 feet [0.67 mile] downstream), Haddon Hall Greenway (approximately 4,870 feet [0.92 mile] downstream), and U.S. Highway 64 (approximately 6,860 feet [1.30 miles] downstream), as well as residences located along the unnamed tributary. Refer to the Site Photographs and Figure 5.

Following the site visit and a review of the field observations and available mapping data, S&EC determined that a failure of the subject dam could potentially impact the Charlion Downs Lane roadway crossing and the residence located at 1902 Charlion

Downs Lane. However, additional information was required to evaluate the potential downstream consequences of a dam failure and to support an appropriate hazard classification. Accordingly, RiskHydro, PLLC, of Pittsboro, North Carolina, was retained to perform a dam breach analysis.

To support the hydraulic analysis, Canoy Surveying, PLLC, of Stem, North Carolina, completed a topographic survey of the dam and impoundment. The survey data was provided to RiskHydro, PLLC, for development of the dam breach analysis supporting this Jurisdictional Determination/Hazard Classification request.

The topographic survey data was used to define the dam geometry, reservoir bathymetry, and stage-storage relationship for the hydraulic model. Based on the survey, the normal pool elevation corresponding to the crest of the principal spillway riser was determined to be Elevation 452.8 feet, approximately 1.2 feet higher than our preliminary field estimate, with an estimated storage volume of approximately 7.8 acre-feet, approximately 1.2 acre-feet greater than our preliminary estimate. These survey-derived values were incorporated into the hydraulic model and supersede the preliminary field estimates for purposes of the breach analysis.

Using HEC-RAS 2D Version 7.0, RiskHydro, PLLC, evaluated the potential downstream consequences of a sunny-day failure of the subject dam. The analysis assumed the reservoir to be at the surveyed normal pool elevation of Elevation 452.8 feet with an estimated storage volume of 7.8 acre-feet. No rainfall or downstream inflows were included in the analysis. The hydraulic model incorporated the Canoy Surveying, PLLC, topographic survey, the 2024 North Carolina Quality Level 1 LiDAR terrain, breach parameters estimated using the Froehlich (2008) empirical equations, and roadway crossing information obtained from Town of Apex GIS data.

The hydraulic modeling indicates a maximum overtopping depth of approximately 2.2 feet at the Charlion Downs Lane roadway crossing, inundation extending onto Blackburn Road (further downstream), and a maximum modeled flood depth of approximately 0.5 foot at the residence located at 1902 Charlion Downs Lane. These results indicate that a sunny-day failure of the dam has the potential to impact downstream public infrastructure and an occupied residence. An inundation map depicting the modeled sunny-day breach scenario is included as an attachment for reference.

Based on the results of the sunny-day breach analysis, the potential downstream consequences are sufficient to support a High Hazard classification for the subject dam. Because the sunny-day breach scenario alone demonstrates impacts consistent with a High Hazard classification, a rainy-day breach analysis was not performed.

Based on the field observations, available mapping, and the results of the sunny-day dam breach analysis, S&EC concludes that the subject dam meets the criteria for a High Hazard classification under the North Carolina Dam Safety Program. Accordingly, S&EC requests that the NCDEQ Dam Safety Program review the enclosed information

and concur with the requested Jurisdictional Determination and High Hazard Classification for the subject dam.

Enclosed are the completed Jurisdictional Determination/Hazard Classification Request Form, supporting figures, site photographs, and the inundation map depicting the modeled sunny-day breach scenario, supporting the recommended hazard classification.

If you have any questions regarding this letter or require additional information, please do not hesitate to contact us.

Sincerely,
SOIL & ENVIRONMENTAL CONSULTANTS, INC.

NORTH CAROLINA PROFESSIONAL SEAL 025525 07-28-2026 ENGINEER PATRICK K. SMITH

Patrick K. Smith, PE
NC License No. 25525
Firm License No. F-1523

Figures:

Figure 1 – Aerial Vicinity Map
Figure 2 – USGS Topographic Map
Figure 3 – Soil Survey Map
Figure 4 – Drainage Area Map
Figure 5 – Potential Hazards Map
Figure 6 – FEMA Floodplain Map

Attachments:

1. Jurisdictional Determination/Hazard Classification Request
2. Site Photographs
3. Inundation Map for Sunny Day Breach

Cc: Mr. Paul V. Muñana, Merit Group, LLC
Mr. David Goodwin, Property Owner
Mr. Rick Felice, Felice Development Group, LLC

FIGURES

Figure 1 - Aerial Vicinity Map

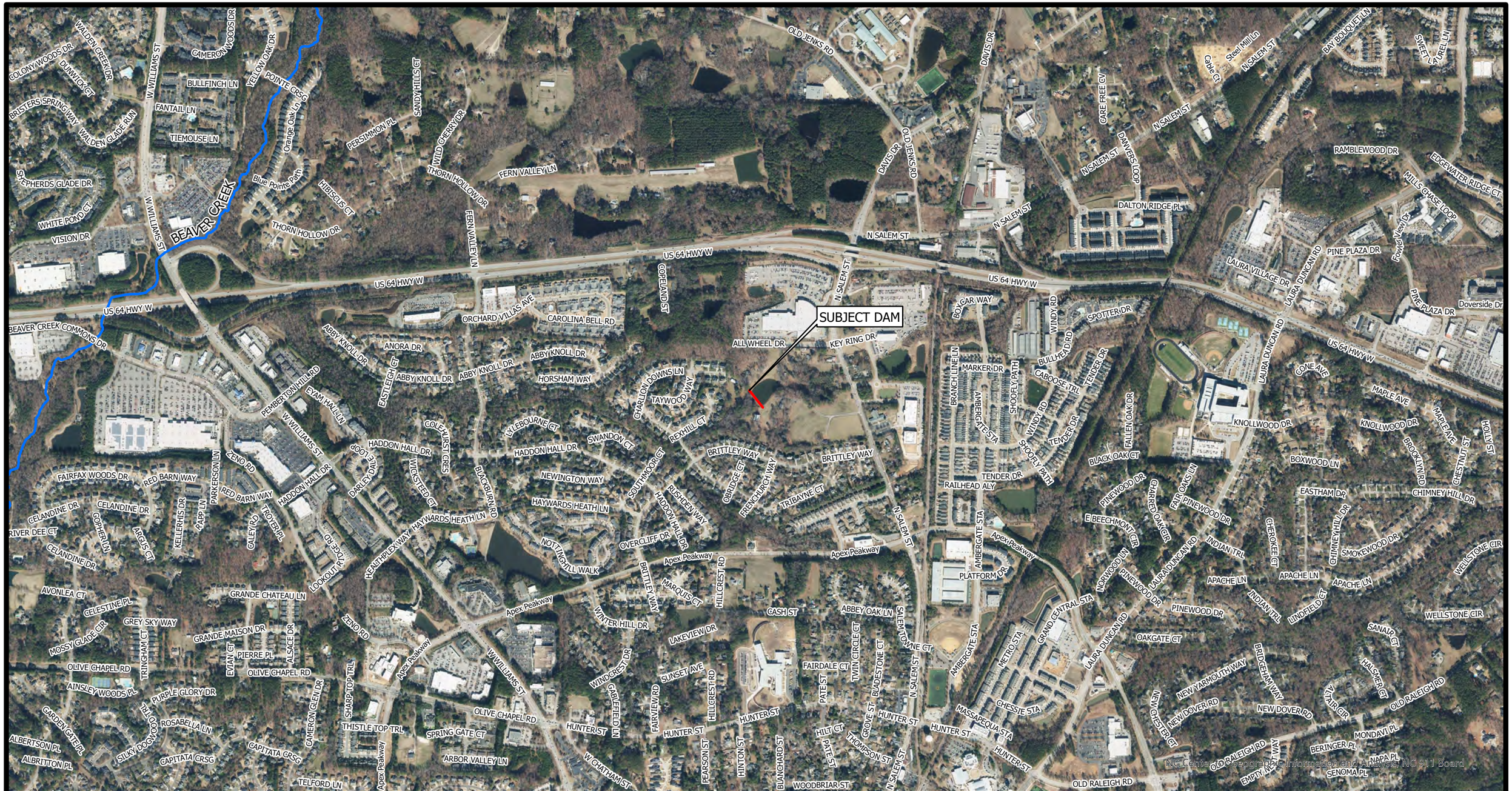
Figure 2 – USGS Topographic Map

Figure 3 – Soil Survey Map

Figure 4 – Drainage Area Map

Figure 5 – Potential Hazards Map

Figure 6 – FEMA Floodplain Map



Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 1,000'
Date:	6/23/2026

Map Title:

Figure 1 - Aerial Vicinity Map

N. Salem St. Dam JD/HC

Source: Aerial Imagery from NC C

0 500 1,000 2,000 Feet

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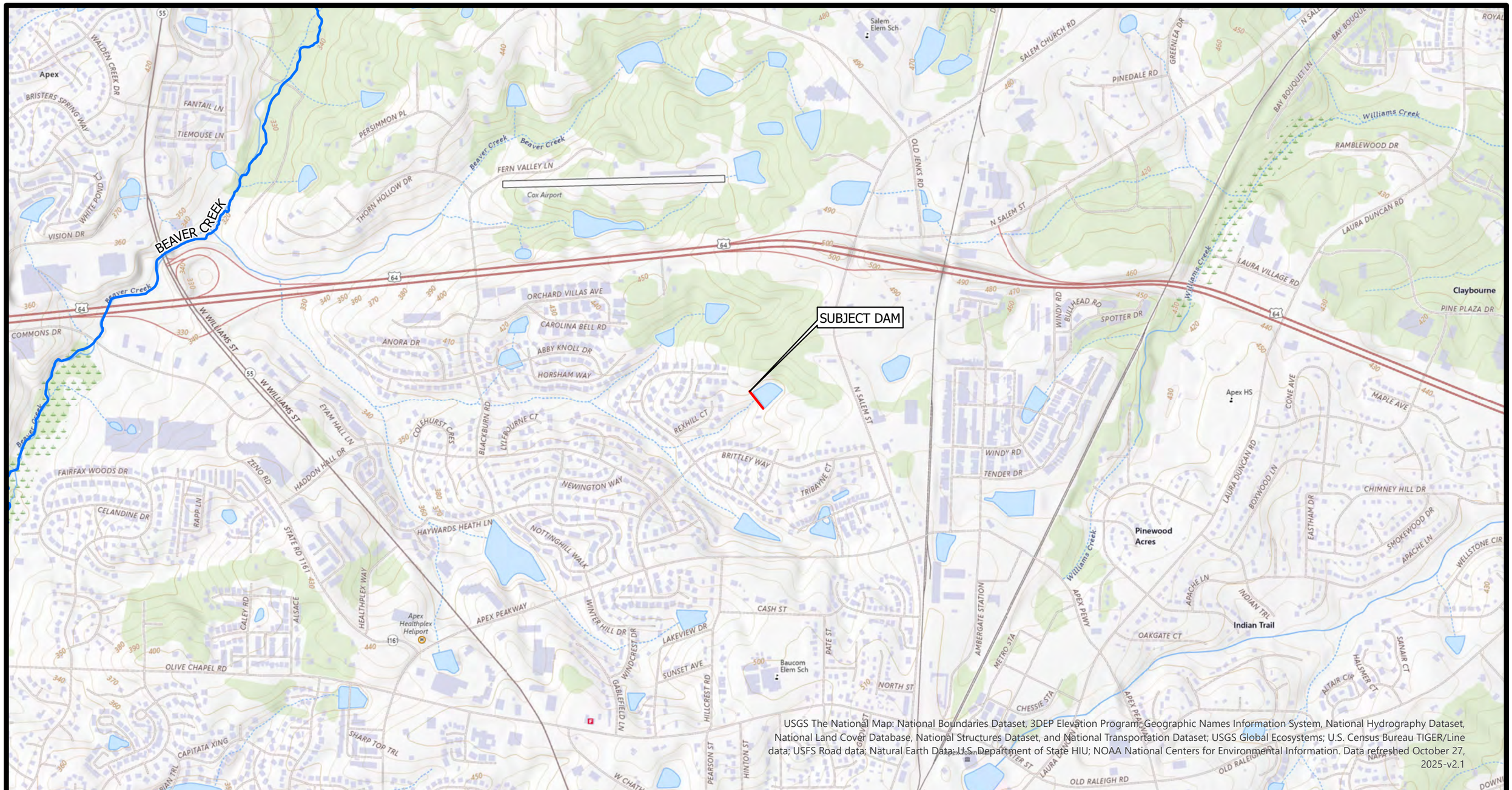

Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 1,000'
Date:	6/23/2026

Map Title:

Figure 2 - USGS Topographic Map

N. Salem St. Dam JD/HC

Source: USGS National Map

0 500 1,000 2,000 Feet

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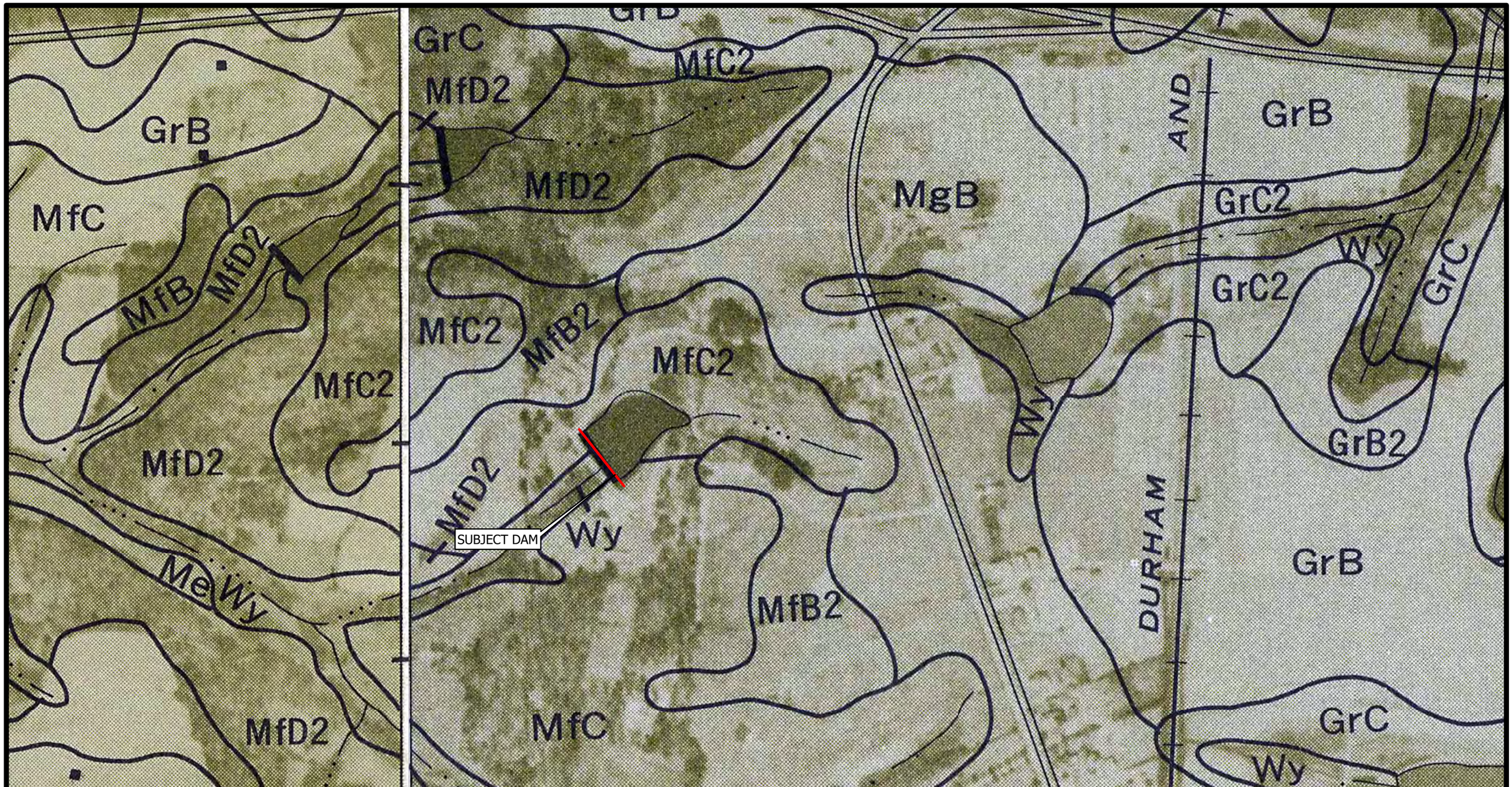

Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 300'
Date:	6/23/2026

Map Title:

Figure 3 - Soil Survey Map

N. Salem St. Dam JD/HC

Source: Wake County Soil Survey Sheet 66

0 150 300 600 Feet

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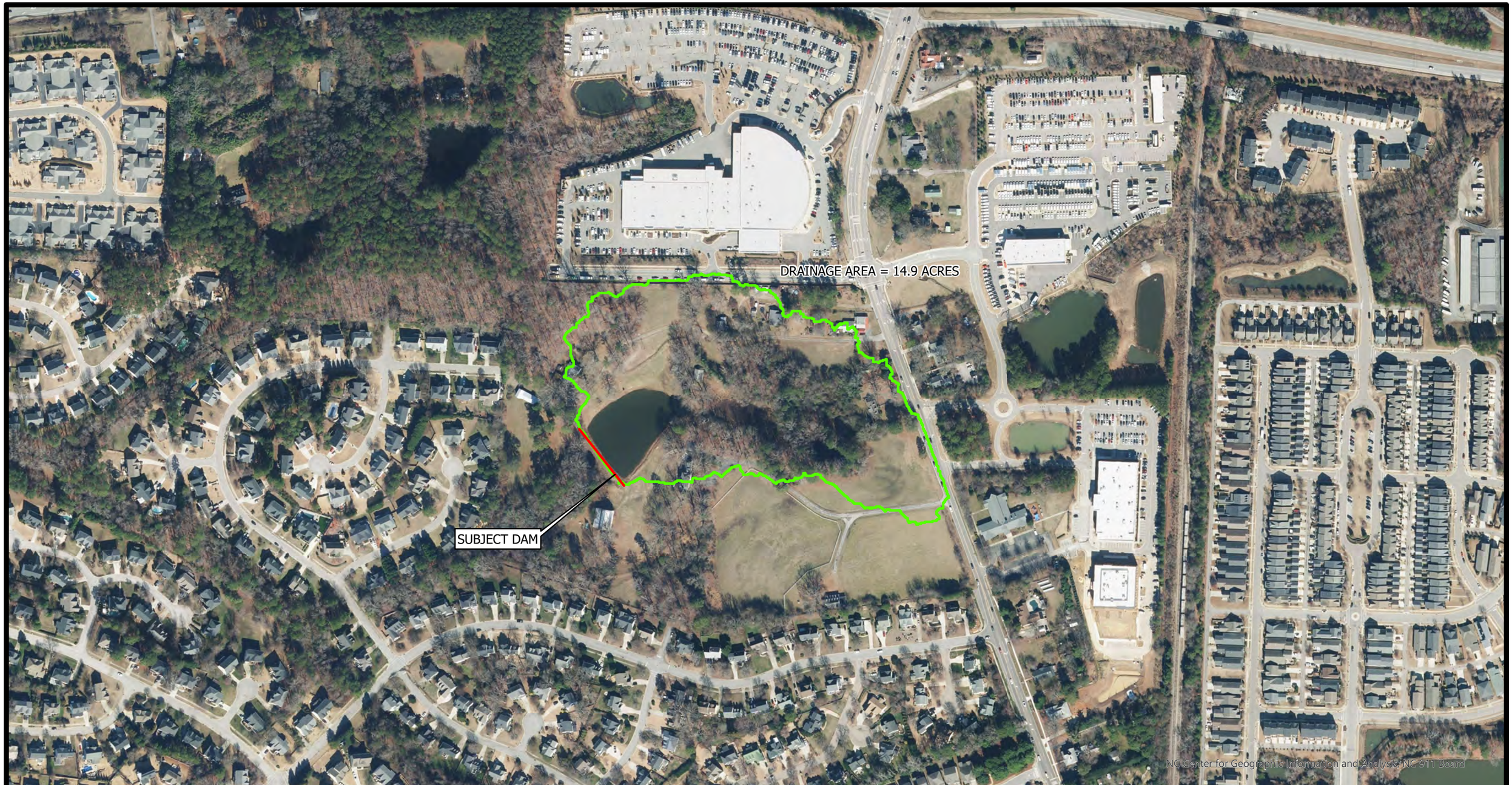

Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 300'
Date:	6/23/2026

Map Title:

Figure 4 - Drainage Area Map

N. Salem St. Dam JD/HC

Source: Aerial Imagery from NC C

0 150 300 600 Feet

N

S&EC
Soil & Environmental Consultants, Inc.
8412 Falls of Neuse Road, Suite 104, Raleigh, NC 27615 • Phone (919) 846-5900 • Fax (919) 846-9467
sandec.com

Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 1,000'
Date:	6/30/2026

Map Title:

Figure 5 - Potential Hazards Map

N. Salem St. Dam JD/HC

Source: Aerial Imagery from NC C

0 500 1,000 2,000 Feet

N

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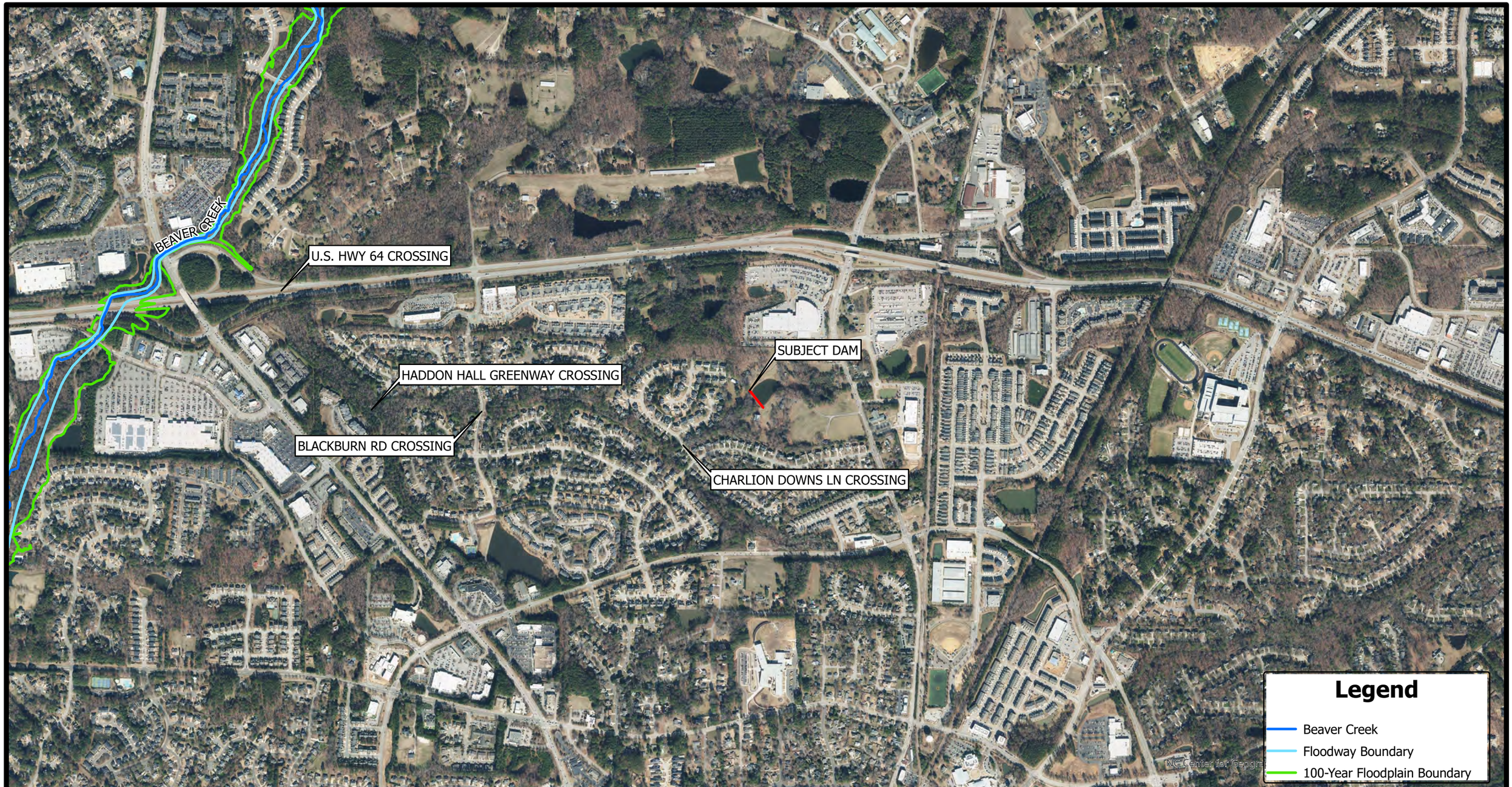

Project Number:	13759.D1
Project Manager:	Patrick K. Smith, PE
Scale:	1" = 1,000'
Date:	6/23/2026

Map Title:

Figure 6 - FEMA Floodplain Map

N. Salem St. Dam JD/HC

Source: Aerial Imagery from NC C

0 500 1,000 2,000 Feet

N

S&EC

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sandec.com

ATTACHMENTS

1. Jurisdictional Determination/Hazard Classification Request
2. Site Photographs
3. Inundation Map for Sunny Day Breach

ATTACHMENT 1

Energy, Mineral and Land Resources
ENVIRONMENTAL QUALITY

Jurisdictional Determination/Hazard Classification Request

To evaluate if a dam is governed by the Dam Safety Law of 1967 (as amended)

If it is your desire to have the Land Quality Section's Dam Safety Program staff determine if your dam is governed by the Dam Safety Law of 1967 (as amended) (General Statute §143-215.23-37),

Please complete this form in its entirety and, if applicable, send an electronic copy of all documents to the Central Office and the appropriate DEMLR Regional Office:

DEMLR Regional Offices:
Asheville Regional Office
Fayetteville Regional Office
Mooresville Regional Office
Raleigh Regional Office
Washington Regional Office
Wilmington Regional Office
Winston-Salem Regional Office

1. Describe any potential hazards for loss of life and environmental or structural property damage to existing and/or potential future downstream developments (i.e. buildings, houses, roads, bridges, major utility lines, etc.): Under existing conditions, potential downstream hazards resulting from a breach of the subject dam include stream crossings along the unnamed tributary to Beaver Creek at Charlion Downs Lane (approximately 0.19 miles downstream), Blackburn Road (approximately 0.67 miles downstream), Haddon Hall Greenway (approximately 0.92 miles downstream), and U.S. Highway 64 (approximately 1.30 miles downstream), as well as residential structures located along the unnamed tributary.

2. Please attach a vicinity map of the dam (Preferably aerial and/or topographic contour map, which shows the premise as well as the concerned downstream areas) and provide a brief description of the location/nearest physical street address: The dam is located on property identified as NC PIN 0742362432, approximately 1,400 feet northwest of the intersection of N. Salem Street and Brittley Way, at coordinates 35.7453° latitude and -78.8547° longitude.

3. General Summary of the Dam:
   a. Name of Owner: DLG Holdings LLC
   b. Address: 5700 Calton Drive
   c. City: Raleigh State: North Carolina Zip: 27612
   d. Phone No.: N/A Email: N/A

Dam Name (STATE- ID, if assigned):	N/A
Latitude (must be in decimal degrees i.e., yy.yyyy): Longitude: (must be in decimal degrees i.e., -xx.xxxx)	35.7453 -78.8547
Nearest State Road Number/Name:	N. Salem St (SR #5878)
County:	Wake
River/Stream:	Beaver Creek
Drainage Area (acres):	14.9
Dam Height (from the highest point on the top of dam to the lowest point on the downstream toe of dam in feet):	15.3
Dam Crest Elevation (ft.) (NAVD88):	454.3
Dam Toe Elevation (ft.) (NAVD88):	439.0
Depth of Water at Normal Pool (ft.):	12.6
Depth of Water at Top of Dam (ft.):	15.3
Impoundment Surface Area at Normal Pool (acres):	1.3
Impoundment Surface Area at Top of Dam (acres):	1.6
Storage Capacity at Normal Pool (acre-feet):	6.6
Maximum Storage Capacity at Top of Dam (acre-feet):	9.8

   e. Please provide any additional engineering documents to validate your assessment (historical records, design drawing plans, rating curves, etc.)

4. General Summary of the Downstream Area(s) [check all boxes that apply]:
   a. Primary Downstream Land Use:

☒ WOODLAND ☐ AGRICULTURAL ☒ RESIDENTIAL ☐ INDUSTRIAL/COMMERCIAL

   b. Existing and/or Future Downstream Developments/Improvements:

☒ DWELLINGS ☒ BUILDINGS ☒ ROADS ☒ UTILITIES ☐ "OTHER"

Existing and/or Future Downstream Development/Improvement(s) Data:

Downstream Hazard/Improvement Type	Distance Downstream from Dam	Floodplain Width	Elevation Relative to Floodplain	Channel Slope	Breach Flood Wave Elevation	Culvert/Bridge Dimensions	Traffic Count	Sight Distance
Charlion Downs Ln Crossing	0.19 miles	35 – 65 feet	Road crest approx. 4 feet above culvert top elevation	-	-	42-inch RCP	-	220 feet north bound / 120 feet south bound
Blackburn Rd Crossing	0.67 miles	50 – 60 feet	Road crest approx. 4 feet above culvert top elevation	-	-	Twin 60-inch RCPs	-	220 feet north bound / 140 feet south bound
Haddon Hall Greenway Crossing	0.92 miles	120 – 200 feet	Trail crest approx. 1 foot above culvert top elevation	-	-	Twin 60-inch RCPs	-	50 feet north bound / 40 feet south bound
U.S. HWY 64 Crossing	1.30 miles	30 – 290 feet	Road crest approx. 3 feet above culvert top elevation	-	-	8 foot span by 6 foot rise concrete box culvert	-	400 feet east bound / >2,000 feet west bound
Residences Along the UT to Beaver Creek	0 - 1.30 miles	30 – 290 feet	Structures appear to be outside estimated floodplain	-	-	-	-	-

In accordance with 15A NCAC 02K .0105, I am providing the following proposed hazard classification:

RECOMMENDED HAZARD CLASSIFICATION: ☐ LOW ☐ INTERMEDIATE ☒ HIGH

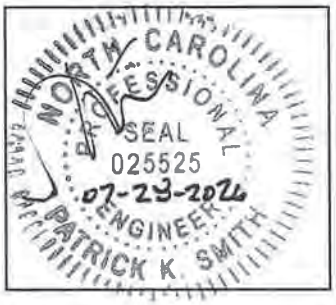
I agree that this form will be used to initiate the Jurisdictional Determination process and/or determine its Hazard Classification based on the current submittal and additionally requested documents, as needed.

NAME OF OWNER/REPRESENTATIVE or PROFESSIONAL ENGINEER: Patrick K. Smith, P.E.

SIGNATURE: _____

DATE: 07/28/2026

P.E. SEAL:



ATTACHMENT 2

North Salem Street Dam

Site Photographs

Photo 1 – View of Dam (looking Northwest) near Left Abutment of Dam

Photo 2 – View of Existing Pond (looking Northeast) from Center of Dam

Photo 3 – View of Dam (looking Southeast) near Right Abutment of Dam

Photo 4 – View of Dam Crest from near Left Abutment of Dam (looking Northwest)

Photo 5 – View of Dam Crest from near Right Abutment of Dam (looking Southeast)

Photo 6 – Upstream Embankment Slope of Dam, Typical

Photo 7 – Downstream Embankment Slope of Dam, Typical

Photo 8 – Downstream Embankment Slope of Dam (looking Northeast)

Photo 9 – Downstream Embankment Slope (looking North)

Photo 10 – Downstream Embankment Slope of Dam (looking Southeast)

Photo 11 – Observed Seepage near Downstream Toe of Dam

Photo 12 – Existing Masonry/Block Riser Spillway near Right Abutment of Dam

Photo 13 – Existing Concrete Spillway Barrel near Right Abutment of Dam

Photo 14 – View of Spillway Outlet Channel (Looking Upstream)

Photo 15 – View of Spillway Outlet Channel (Looking Downstream)

Photo 16 – View of Floodplain Immediately Downstream of Dam (Looking Southwest)

Photo 17 – View of Floodplain Approximately 100' Downstream of Dam (Looking Southwest)

Photo 18 – View of Floodplain Approximately 200' Downstream of Dam (Looking Southwest)

Charlion Downs Lane Crossing

Site Photographs

Photo 19 – Charlion Downs Lane Crossing Sight Distance (Looking Southeast)

Photo 20 – Charlion Downs Lane Crossing Sight Distance (Looking Northwest)

Photo 21 – Charlion Downs Lane 42-inch Reinforced Concrete Pipe (Looking Downstream)

Photo 22 – Charlion Downs Lane 42-inch Reinforced Concrete Pipe (Looking Upstream)

Photo 23 – Charlion Downs Lane Crossing Upstream Floodplain Area (Looking Upstream)

Photo 24 – Charlion Downs Lane Crossing Downstream Floodplain Area (Looking Downstream)

Blackburn Road Crossing

Site Photographs

Photo 25 – Blackburn Road Crossing Sight Distance (Looking North)

Photo 26 – Blackburn Road Crossing Sight Distance (Looking South)

Photo 27 – Blackburn Road Twin 60-inch Reinforced Concrete Pipe (Looking Downstream)

Photo 28 – Blackburn Road Twin 60-inch Reinforced Concrete Pipe (Looking Upstream)

Photo 29 – Blackburn Road Crossing Upstream Floodplain Area (Looking Upstream)

Photo 31 – Blackburn Road Crossing Downstream Floodplain Area (Looking Downstream)

Haddon Hall Greenway Trail

Site Photographs

Photo 31 – Haddon Hall Greenway Trail Crossing Sight Distance (Looking Northeast)

Photo 32 – Haddon Hall Greenway Trail Crossing Sight Distance (Looking Southwest)

Photo 33 – Haddon Hall Greenway Trail Crossing Twin 60-inch Reinforced Concrete Pipe (Looking Downstream)

Photo 34 – Haddon Hall Greenway Trail Crossing Twin 60-inch Reinforced Concrete Pipe (Looking Upstream)

Photo 35 – Haddon Hall Greenway Trail Crossing Downstream Floodplain Area (Looking Downstream)

HWY 64 Eastbound On-Ramp / HWY 64

Site Photographs

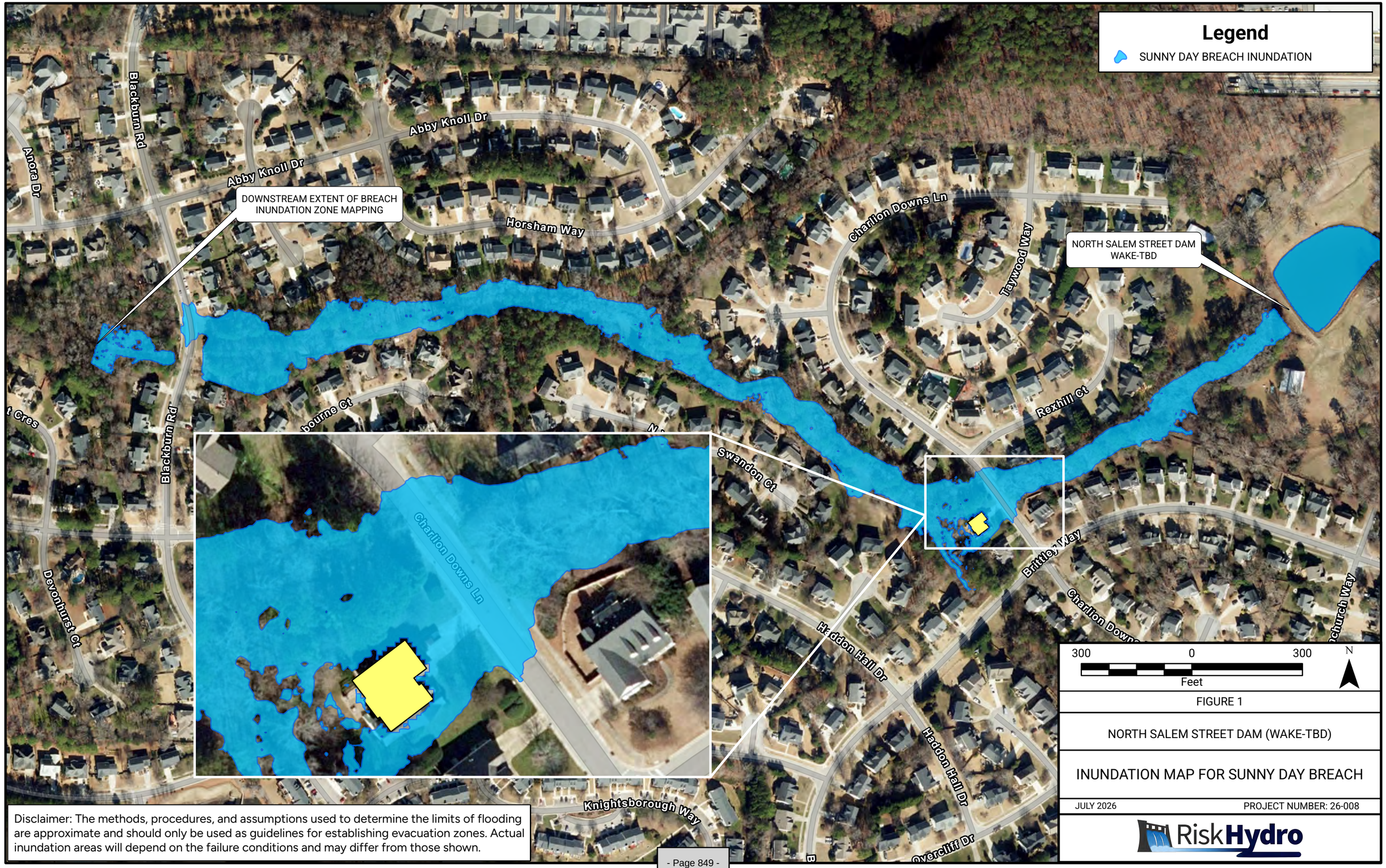
Photo 36 – Highway 64 Crossing Sight Distance (Looking East)

Photo 37 – Highway 64 Crossing Sight Distance (Looking West)

Photo 38 – Highway 64 Crossing 8’ x 5’ Reinforced Concrete Box Culvert (Looking Downstream)

Photo 39 – Highway 64 Crossing Upstream Floodplain Area (Looking upstream)

ATTACHMENT 3



Disclaimer: The methods, procedures, and assumptions used to determine the limits of flooding are approximate and should only be used as guidelines for establishing evacuation zones. Actual inundation areas will depend on the failure conditions and may differ from those shown.

FIGURE 1

NORTH SALEM STREET DAM (WAKE-TBD)

INUNDATION MAP FOR SUNNY DAY BREACH

JULY 2026

PROJECT NUMBER: 26-008

RiskHydro

JOSH STEIN
Governor
D. REID WILSON
Secretary
WILLIAM E. TOBY VINSON, JR
Director

NORTH CAROLINA
Environmental Quality

September 8, 2026

DLG Holdings LLC
5700 Calton Drive
Raleigh, North Carolina 27612

RE: Jurisdictional Determination and Hazard Classification
North Salem Street Dam
Wake County
State Dam ID: WAKE-649

Dam Owner(s):

This is in response to your latest submission dated July 28, 2026 and received on July 30, 2026 of a request for a jurisdictional determination and hazard classification of the existing subject dam. Personnel from the North Carolina Department of Environmental Quality's Division of Energy, Mineral, and Land Resources (DEMLR) reviewed the submitted materials and performed independent analyses to evaluate the subject dam's hazard potential. Additionally, personnel from DEMLR's Raleigh Regional Office conducted an inspection of the existing dam site and downstream areas on August 17, 2026. The existing dam height and maximum storage capacity are approximately 15 feet and 9.8 acre-feet, respectively.

Based on our reviews, analyses and inspections, DEMLR has determined that a Class-C high hazard classification is presently warranted due to the presence of homes and roads downstream from the dam within the potential breach inundation zone(s). Class-C includes dams located where failure will likely cause loss of life or serious damage to homes, industrial and commercial buildings, important public utilities, primary highways, or major railroads.

Due to its high hazard classification, this dam will be subject to the jurisdiction of the Dam Safety Law of 1967 in accordance with NCGS 143-215.25A(a)(6). The Dam Safety Law of 1967 can be found at the following web address: https://deq.nc.gov/about/divisions/energy-mineral-land-resources/energy-mineral-land-permits/dam-safety.

The referenced dam height and maximum storage capacity places this dam in the small size classification according to the criteria table shown in 15A NCAC 02K .0205(e), with the minimum Spillway Design Flood for small sized high hazard dams being the 1/3 Probable Maximum Precipitation.

In the event that future conditions change downstream of the dam, or that the dam height and/or total storage criteria are altered in accordance with approved plans (see 'Construction, Modifications and Repairs'), the dam may be subject to reassessment of its hazard class and/or jurisdictional status.

EMERGENCY ACTION PLAN:
An Emergency Action Plan (EAP) is required for intermediate hazard and high hazard dams in accordance with NCGS 143-215.31(a1)(1), and must be submitted to DEMLR and the North Carolina Department of Public Safety for review and approval within 90 days of receipt of this notification. Owners of dams that are undergoing or planning for construction, modifications or repairs must submit an EAP before final written consent for use of the dam is issued by DEMLR. Furthermore, the EAP must be updated every year and sent to DEMLR for review. EAP's for all dams were required to be provided to DEMLR by December 31, 2015. The EAP must include a downstream inundation map depicting areas affected by a dam failure and sudden release of the impoundment, as well as a list of impacted roads and structures. Failure to submit an EAP may result in enforcement action by DEMLR, which may include, but is not limited to, a Notice of Deficiency or a Dam Safety Order mandating drainage of the impoundment. Please contact this office to communicate your intent to comply with this requirement within 30 days of receipt of this notification, and/or if you need technical assistance and/or a list of consultants that can provide professional help in developing your EAP.

Our office's contact information is: email DamSafety@deq.nc.gov and phone number (919) 707-9220. You can also find documents and templates related to development of your EAP at: https://deq.nc.gov/about/divisions/energy-mineral-and-land-resources/dam-safety/planning-dam-emergency.

OPERATION AND MAINTENANCE PLAN:
An operation and maintenance (O&M) plan is required for all high hazard dams. The O&M plan should be specific to the subject dam and address all routine maintenance, annual operation of the bottom drain to ensure functionality, and the frequency of the following: mowing, tree removal, piezometer readings, lubrication and exercising of valves and gates, rodent control, and inspections by the owner or the owner's representative.

Owners of existing dams that are not undergoing construction, modifications or repairs must submit a copy of the current O&M plan to DEMLR within 90 days. Owners of dams that are undergoing or planning for construction, modifications or repairs must submit an O&M plan before final written consent for use of the dam is issued by DEMLR. For additional guidance on the preparation of an O&M plan, refer to the North Carolina Dam Operations & Maintenance and Inspection Manual: https://files.nc.gov/ncdeq/Energy%20Mineral%20and%20Land%20Resources/Land%20Quality/Dam%20Safety/Dam_O%26M_Insp_Manual_rev_2007.pdf.

We recommend that the reservoir be operated to provide the maximum freeboard feasible, particularly during significant precipitation events. We also recommend that adequate and readily accessible drawdown measures be provided and maintained in the reservoir should emergency conditions arise. We recommend that an engineer knowledgeable of current Dam Safety design and construction requirements evaluate these issues relative to long-term serviceability and overtopping protection.

CONSTRUCTION, MODIFICATIONS AND REPAIRS:
Any construction, breach, modification or repair work to the dam requires prior approval from DEMLR prior to proceeding. Plans, specifications, along with the data and calculations necessary to develop them in accordance with the Dam Safety Law of 1967 as well as North Carolina Administrative Code, Title 15A, Subchapter 02K Dam Safety, must be prepared by a Professional Engineer licensed in the State of North Carolina. The application in paper and electronic format must be submitted to the State Dam Safety Engineer for review and approval. There may be initial and additional application processing fees required to be submitted with the application, depending on the type, nature and cost of the project.

TREES AND WOODY VEGETATION ON DAMS:
All trees, brush and woody vegetation must be removed from the slopes and crest of the dam embankments and the emergency spillway areas. All trees and/or brush less than six inches in diameter at breast height may be removed either by excavation or cutting flush to the ground. All trees larger than six inches in diameter at breast height must be completely removed by excavation, including roots, and the resulting excavations properly backfilled with select fill. All disturbed areas must be immediately revegetated with a good cover of grass adequate to prevent surface erosion. Excavation and backfilling required for tree removal will require engineered plans to be submitted to Dam Safety for review and approval before removal may proceed. FEMA 534 "Technical Manual for Dam Owners, Impacts of Plants on Earthen Dams" should be used as guidance.

MINIMUM STREAM FLOW REQUIREMENTS:
Under 15A NCAC 02K .0502(b)(1), a minimum flow may be required to be released from the subject dam at all times in order to support water quality and aquatic habitat. However, DEMLR has determined that there is currently no required minimum flow for the subject dam. This required minimum flow value may be subject to change in the future.

INSPECTIONS AND ENFORCEMENT:
Personnel from DEMLR's Raleigh Regional Office will schedule and perform regular inspections of the dam to evaluate its safety and condition, and to determine continued compliance with applicable regulations. As the owner of a high hazard dam, you may expect that regular inspections will be performed on approximately a biennial basis.

DEMLR personnel reserve the right to inspect the dam at any time. Whenever an inspection indicates the dam may not perform satisfactorily, the Director may require a detailed investigation at the owner's expense to determine the required remedial actions, if any. If the dam is determined to be unsafe, or is not maintained in good operating

condition, the Director may issue an order directing the owner to take such measures as may be essential, including lowering the level of the impounded water, drainage of the impoundment, and destruction of the dam or reservoir in whole or in part, immediately or within a time limited by the order. Failure to comply with the requirements of the Director's order may result in enforcement actions, which could include criminal charges or civil penalties. Civil penalties may include an assessment of up to $500 per day and/or a request to the North Carolina Attorney General's office for injunctive relief.

OTHER PERMITS:
The Army Corps of Engineers and the Division of Water Resources of this Department should be contacted to determine if additional permits are required. Also, the erosion and sediment control program having jurisdiction should be contacted to determine plan approval requirements. In any case, sediment must be prevented from entering the waters of the state or flowing onto neighboring property.

Should the subject dam change ownership, a "Change of Ownership of a Dam" form must be completed by the new owner of the dam at the time of transfer in order to ensure the new owner receives important information concerning the subject dam, and the former owner be released from liability. The form may be located on the Dam Safety website at https://deq.nc.gov/about/divisions/energy-mineral-and-land-resources/dam-safety/application-forms. The completed form must be submitted via email to DamSafety@deq.nc.gov listing the change of ownership for the subject dam with its applicable state ID in the subject line.

There are additional guidance and resources available on the Dam Safety website at: https://deq.nc.gov/about/divisions/energy-mineral-land-resources/energy-mineral-land-permits/dam-safety. Also, to assist dam owners through outreach and education, the Association of State Dam Safety Officials' Owner Outreach Committee has developed three educational videos as a free resource for owners on critical basics of operating and maintaining a dam safely. The videos are 1) dam inspections, 2) spillways and outlet works, and 3) operation and maintenance plans. All the videos are available at: https://damsafety.org/dam-owners. These videos are the first in a series specific to owner education called the 'Dam Owner Academy.'

For assistance, you may contact William H. Denton, IV, PE, Raleigh Regional Engineer at 3800 Barrett Drive, Raleigh, North Carolina 27609, telephone number (919) 791-4200 or the Dam Safety Program in the Raleigh Central Office at telephone number (919) 707-9220 should you have questions concerning this matter.

Sincerely,

Jacob A. Smith
Environmental Program Supervisor II

JAS/bd

cc:
William Denton, IV, PE, Raleigh Regional Engineer

File name: WAKE-649_20260908_ JD_North Salem Dam

PLANNING BOARD REPORT TO TOWN COUNCIL

Rezoning Case: 25CZ24 N. Salem Street Mixed Use PUD

Planning Board Meeting Date: September 14, 2026

Report Requirements:

Per NCGS §160D-604(b), all proposed amendments to the zoning ordinance or zoning map shall be submitted to the Planning Board for review and comment. If no written report is received from the Planning Board within 30 days of referral of the amendment to the Planning Board, the Town Council may act on the amendment without the Planning Board report. The Town Council is not bound by the recommendations, if any, of the Planning Board.

Per NCGS §160D-604(d), the Planning Board shall advise and comment on whether the proposed action is consistent with all applicable officially adopted plans, and provide a written recommendation to the Town Council that addresses plan consistency and other matters as deemed appropriate by the Planning Board, but a comment by the Planning Board that a proposed amendment is inconsistent with the officially adopted plans shall not preclude consideration or approval of the proposed amendment by the Town Council.

PROJECT DESCRIPTION:

Acreage:	+32.35 acres
PIN(s):	0742367712, 0742368697, 0742365731, 0742366583, 0742369479, 0742369278, 0742350909, 0742362432, 0742366306, 0742268387,0742360631, 0742363169, 0742358857, 0742353848, 0742362719, & 0742363799
Current Zoning:	Residential Agricultural (RA), Rural Residential (RR), & Planned Commercial-Conditional Zoning (PC-CZ #15CZ02)
Proposed Zoning:	Planned Unit Development-Conditional Zoning (PUD-CZ)
Current 2045 Land Use Map:	Mixed Use: High Den Residential/Office Employment/Commercial Services (+/-4.92 acres) & Mixed Use: Medium Den Residential/Office Employment/Commercial Services (+/-27.38 acres)
If rezoned as proposed, the 2045 Land Use Map Designation will change to:	Mix Use: HD Residential/Office Employment/Comm Services (+/-8.27 acres) & Mix Use: MD Residential/Office Employment/Comm Services (+/-24.03 acres)
Town Limits:	Inside Corporate Limits and ETJ

Applicable Officially Adopted Plans:

The Board must state whether the project is consistent or inconsistent with the following officially adopted plans, if applicable. Applicable plans have a check mark next to them.

☑ 2045 Land Use Map

☐ Consistent ☑ Inconsistent Reason: _____

If the rezoning is approved, the Land Use Map will be automatically updated per State law.

☑ Apex Transportation Plan

☑ Consistent ☐ Inconsistent Reason: _____

☑ Parks, Recreation, Open Space, and Greenways Plan

☑ Consistent ☐ Inconsistent Reason: _____

Legislative Considerations:

The applicant shall propose site-specific standards and conditions that take into account the following considerations, which are considerations that are relevant to the legislative determination of whether or not the proposed conditional zoning district rezoning request is in the public interest. These considerations do not exclude the legislative consideration of any other factor that is relevant to the public interest.

1. *Consistency with 2045 Land Use Plan.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and consistency with the purposes, goals, objectives, and policies of the 2045 Land Use Plan.

   ☐ Consistent ☑ Inconsistent Reason:

If the rezoning is approved, the Land Use Map will be automatically updated per State law.

2. *Compatibility.* The proposed Conditional Zoning (CZ) District use's appropriateness for its proposed location and compatibility with the character of surrounding land uses.

   ☑ Consistent ☐ Inconsistent Reason:

3. *Zoning district supplemental standards.* The proposed Conditional Zoning (CZ) District use's compliance with Sec. 4.4 *Supplemental Standards*, if applicable.

   ☑ Consistent ☐ Inconsistent Reason:

4. *Design minimizes adverse impact.* The design of the proposed Conditional Zoning (CZ) District use's minimization of adverse effects, including visual impact of the proposed use on adjacent lands; and avoidance of significant adverse impacts on surrounding lands regarding trash, traffic, service delivery, parking and loading, odors, noise, glare, and vibration and not create a nuisance.

   ☑ Consistent ☐ Inconsistent Reason:

5. *Design minimizes environmental impact.* The proposed Conditional Zoning District use's minimization of environmental impacts and protection from significant deterioration of water and air resources, wildlife habitat, scenic resources, and other natural resources.

   ☑ Consistent ☐ Inconsistent Reason:

6. *Impact on public facilities.* The proposed Conditional Zoning (CZ) District use's avoidance of having adverse impacts on public facilities and services, including roads, potable water and wastewater facilities, parks, schools, police, fire and EMS facilities.
   ☑ Consistent ☐ Inconsistent Reason: _____

7. *Health, safety, and welfare.* The proposed Conditional Zoning (CZ) District use's effect on the health, safety, or welfare of the residents of the Town or its ETJ.
   ☑ Consistent ☐ Inconsistent Reason: _____

8. *Detrimental to adjacent properties.* Whether the proposed Conditional Zoning (CZ) District use is substantially detrimental to adjacent properties.
   ☑ Consistent ☐ Inconsistent Reason: _____

9. *Not constitute nuisance or hazard.* Whether the proposed Conditional Zoning (CZ) District use constitutes a nuisance or hazard due to traffic impact or noise, or because of the number of persons who will be using the Conditional Zoning (CZ) District use.
   ☑ Consistent ☐ Inconsistent Reason: _____

10. *Other relevant standards of this Ordinance.* Whether the proposed Conditional Zoning (CZ) District use complies with all standards imposed on it by all other applicable provisions of this Ordinance for use, layout, and general development characteristics.
    ☑ Consistent ☐ Inconsistent Reason: _____

Planning Board Recommendation:

Motion: Recommend approval with conditions

Introduced by Planning Board member: Kristy Yule

Seconded by Planning Board member: Mark Spanioli

☐ *Approval*: the project is consistent with all applicable officially adopted plans and the applicable legislative considerations listed above.

☑ *Approval with conditions*: the project is not consistent with all applicable officially adopted plans and/or the applicable legislative considerations as noted above, so the following conditions are recommended to be included in the project in order to make it fully consistent:

With condition that the applicant consider a wider buffer along the southern property boundary and Transportation condition 9c be revised to "At site access #3 on N. Salem Street align with Thales outbound driveway, with an exclusive northbound left turn lane on N. Salem Street and a channelized concrete median between them to prohibit left turns from both sides of N. Salem Street."

☐ *Denial*: the project is not consistent with all applicable officially adopted plans and/or the applicable legislative considerations as noted above.

With 6 Planning Board Member(s) voting "aye"

With 2 Planning Board Member(s) voting "no"

Reasons for dissenting votes:

See attached forms

This report reflects the recommendation of the Planning Board, this the 14th day of September 2026.

Attest:

Keith Braswell, Planning Board Chair

Amanda Bunce Digitally signed by Amanda Bunce Date: 2026.09.14 19:11:13 -04'00'

Amanda Bunce, Assistant Planning Director

PLANNING BOARD REPORT TO TOWN COUNCIL
Dissenting Member Comments

Planning Board Member Name: Sarah Soh

Meeting Date: 9/14/2026

☒ Rezoning # 25CZ24

☐ Long Range Plan amendment(s)

☐ Other

Reason(s) for dissenting vote:

I dissent due to several reasons, mainly due to some unknowns and necessity for further decision between the parties, with the understanding that this is a rezone case, not quite a project. I don't oppose to this but feel a further review may assist.
The concern for the current drainage situation was raised by the residents and with the extra proposed impervious surfaces, how will keeping the existing dam and existing pond #1 help? If in the fact that the dam and the existing pond is drained, and two new, modernized ponds are designed with the proper pump/culvert, etc. the footprint of the ponds do change the proposed buildable areas within the area noted as "TH-2." I believe this what-if scenario should be shared with the neighboring residents, in conceptual form in addition to the history and analysis of the dam and ponds.
Per the residents, if the existing traffic congestion has worsen over the years, how will the proposed extra lane constructed only in front of the site area, and connectivities to the existing stubs help with through traffic? If the proposal was a continuous 3-lane street beyond the site area, down the street, perhaps that would solve the congestion? Although the rendering of the proposed parking area in MU-1 parallels Salem Street is attractive, there is a possibility that cars would intentionally use this as a shortcut Salem which poses unsafe situations for those who will be parked and visiting the proposed commercial area. (Just for the record, I am not against the connectivity for Charlion and Street B, for safety reasons, mainly access for emergency vehicles is important for overall planning.) The developer is going beyond the site to propose Salem's widening, hoping to ameliorate the congestion, but will it just push the bottleneck down the street? In my opinion this is a bigger issue.

Lastly, my concern lays with the proposed design of the townhome structure blocks that will be perpendicular to the boundary of Haddon Hall community, esp along the south areas of TH-1 and TH-2. I believe further discussions on privacy should be addressed. Even though the minimum buffer of 20 feet + 10 feet structure setback is met, perpendicular streets will visually open to the rear of these homes at those points.

PLANNING BOARD REPORT TO TOWN COUNCIL
Dissenting Member Comments

Planning Board Member Name: Mary Petersen

Meeting Date: 9/14/26

☒ Rezoning # 25CZ24

☐ Long Range Plan amendment(s)_____

☐ Other_____

Reason(s) for dissenting vote:

I have concerns with the traffic that will be generated, not only along Salem St., but also within Haddon Hall. This section/neighborhood is already congested with Brittley Way being used as a cut through from the Peakway. I don't feel that an increase in traffic protects the citizens of Apex who live in this neighborhood. Traffic calming measures within the neighborhood were not discussed in enough detail for me to be comfortable with this proposal.

Additionally, I feel that a larger buffer is needed between the single-family homes on Brittley and the townhomes that will be constructed in TH1 and TH2. This mixed use development is clearly different than the nature of Haddon Hall and I feel that the residents of Haddon Hall need to have their concerns considered in more detail and their privacy protected.

Of further concern, the proposed mixed-use development, while beautiful, does not fully match the vibe of downtown Apex. If we are presenting this as a gateway to the town, it would be better to match it more to the buildings/character of what already exists in downtown.

I am not opposed to this development, but I do want further considerations made to residential traffic beyond what will certainly increase on Salem St. And larger buffers between the already established neighborhood and the new mixed-use development are needed as noted in the approval of #25CZ24.

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: PUBLIC HEARING

Meeting Date: October 13, 2026

Item Details

Presenter(s): Amanda Bunce, Assistant Planning Director

Department(s): Planning

Requested Motion

Public Hearing and possible motion regarding amendments to the Unified Development Ordinance (UDO) regarding the method of board appointments.

Approval Recommended?

At their September 14, 2026, meeting, the Planning Board voted to continue this item until the October 12, 2026, Planning Board meeting. The motion to continue passed by a vote of 7 to 2. The dissenting votes have been included with the Planning Board Report to Town Council for that meeting.

The Planning Board's recommendation will be determined at the October 12, 2026, Planning Board meeting and will be shared at the October 13, 2026, Town Council meeting.

Item Details

1. Amendments to Secs. 2.1.2 *Review and Decision-making Bodies, Planning Board and* 2.1.3 *Review and Decision-making Bodies, Board of Adjustment* in order to change the method for how board members are appointed.

Attachments

- PH6-A1: Planning Board Report to Town Council- Unified Development Ordinance (UDO) Amendments– September 14, 2026
- PH6-A2: Staff Report - Unified Development Ordinance (UDO) Amendments -September 2026
- PH6-A3: Public Notification of Public Hearing - Unified Development Ordinance (UDO) Amendments– September 2026
- PH6-A4: Ordinance- Unified Development Ordinance (UDO) – September 2026

PLANNING BOARD REPORT TO TOWN COUNCIL
Unified Development Ordinance Amendments

Planning Board Meeting Date:September 14, 2026

Report Requirements:

Per NCGS §160D-604, all proposed amendments to the zoning ordinance or zoning map shall be submitted to the Planning Board for review and comment. If no written report is received from the Planning Board within 30 days of referral of the amendment to the Planning Board, the Town Council may act on the amendment without the Planning Board report. The Town Council is not bound by the recommendations, if any, of the Planning Board.

Planning Board Recommendation:

Motion: Recommend item to be continued to October 12, 2026.

Introduced by Planning Board member: Keith Braswell

Seconded by Planning Board member: Mary Petersen

☐ Approval of the proposed UDO amendment(s)

☐ Approval of the proposed UDO amendment(s) with the following conditions:

☐ Denial of the proposed UDO amendment(s)

With 7 Planning Board Member(s) voting "aye"

With 2 Planning Board Member(s) voting "no"

Reasons for dissenting votes:

See attached forms.

This report reflects the recommendation of the Planning Board, this the 14th day of September 2026.

Attest:

Keith Braswell, Planning Board Chair

Amanda Bunce Digitally signed by Amanda Bunce Date: 2026.09.14 19:37:25 -04'00'

Amanda Bunce, Assistant Planning Director

PLANNING BOARD REPORT TO TOWN COUNCIL

Dissenting Member Comments

Planning Board Member Name: Alyssa Byrd

Meeting Date: September 14, 2026

☐ Rezoning # _____

☐ Long Range Plan amendment(s)_____

☒ Other Amendment to the UDO on board appointments

Reason(s) for dissenting vote:

Per discussion within the meeting, I recommend approval of these UDO amendments with the suggestion to strike the first sentence of 2.1.2(b)(f) and 2.1.3(b)(e). I think this reasonably balances the interests of the Mayor and Council while adding additional structure to the process. As proposed, I do not agree that Council should have authority to override the Mayor's appointment, but should retain the ability to decline an appointment.

PLANNING BOARD REPORT TO TOWN COUNCIL

Dissenting Member Comments

Planning Board Member Name: Alyssa Byrd

Meeting Date: September 14, 2026

☐ Rezoning # _____

☐ Long Range Plan amendment(s)_____

☒ Other Amendment to the UDO on board appointments

Reason(s) for dissenting vote:

Per discussion within the meeting, I recommend approval of these UDO amendments with the suggestion to strike the first sentence of 2.1.2(b)(f) and 2.1.3(b)(e). I think this reasonably balances the interests of the Mayor and Council while adding additional structure to the process. As proposed, I do not agree that Council should have authority to override the Mayor's appointment, but should retain the ability to decline an appointment.

Proposed amendments to the Unified Development Ordinance in this staff report include additions shown as bold, underlined text and deletions shown as struck-through text.

Requested by Town Council:

1. Amendments to Secs. 2.1.2 *Review and Decision-making Bodies, Planning Board and* 2.1.3 *Review and Decision-making Bodies, Board of Adjustment* in order to change the method for how advisory board members are appointed.

Background: The proposed amendments establish consistent timelines for mayoral recommendations for vacancies on the Planning Board and Board of Adjustment. The amendments also allow for the Town Council to appoint qualified candidates other than those recommended by the Mayor or when no recommendation from the Mayor has been received. The amendments do not change board composition, member qualifications, or appointment authority assigned to another governing body by state law.

2.1 Review and Decision-Making Bodies
2.1.2 Planning Board
…
B) *Membership*
…
4) *Appointment. Members shall be appointed as follows:*

a) Regular members of the Planning Board from the **Town's extraterritorial jurisdiction (**ETJ**)** shall be appointed by the Wake County Board of County Commissioners**. The Town Council may provide membership recommendations to the Wake County Board of County Commissioners prior to appointment.**

b) Regular members of the Planning Board **within the corporate limits of the Town** ~~from the Town~~ shall be recommended by the Mayor and appointed by the Town Council.

c) The regular member of the Planning Board who resides outside the corporate limits and **extraterritorial jurisdiction (**ETJ**)**, but within the area covered by the Town's 2045 Land Use Map shall be recommended by the Mayor and appointed by the Town Council.

d) The non-voting youth representative of the Planning Board shall be recommended by the Mayor and appointed by the Town Council.

e) **Membership recommendations made by the Mayor shall be provided to the Town Clerk no less than 30 calendar days prior to the expiration of a membership term. In the event of a vacancy not resulting from the scheduled expiration of a membership term, Mayor recommendations shall be provided to the Town Clerk no later than 30 calendar days after receipt of written notice of the vacancy from the Town Clerk.**

f) Notwithstanding anything to the contrary in subsections (a)-(d), the Town

Council may elect not to appoint an applicant recommended by the Mayor, in which case the Town Council shall appoint another qualified applicant without further recommendation from the Mayor. If no recommendation is provided by the Mayor within the applicable timeframe established in subsection (e), the Town Council may appoint a qualified applicant without a recommendation from the Mayor.

…

2.1.3 Board of Adjustment

…

B) *Membership*

…

4) *Appointment.* Members shall be appointed as follows:

a) Regular members of the Board of Adjustment from the **Town's** ETJ shall be appointed by the **Wake** County Board of County Commissioners ~~of Wake County~~. **The Town Council may provide membership recommendations to the Wake County Board of County Commissioners prior to appointment.**

b) Regular members of the Board of Adjustment **who reside within the corporate limits of the** ~~from the~~ Town shall be recommended by the Mayor and appointed by the Town Council.

c) Alternate members of the Board of Adjustment **who reside within the corporate limits of the Town** shall be recommended by the Mayor and appointed by the Town Council.

d) Membership recommendations made by the Mayor shall be provided to the Town Clerk no less than 30 calendar days prior to the expiration of a membership term. In the event of a vacancy not resulting from the scheduled expiration of a membership term, Mayor recommendations shall be provided to the Town Clerk no later than 30 calendar days after receipt of written notice of the vacancy from the Town Clerk.

e) Notwithstanding anything to the contrary in subsections (a)-(c), the Town Council may elect not to appoint an applicant recommended by the Mayor, in which case the Town Council shall appoint another qualified applicant without further recommendation from the Mayor. If no recommendation is provided by the Mayor within the applicable timeframe established in subsection (d), the Town Council may appoint a qualified applicant without a recommendation from the Mayor.

…

PLANNING STAFF RECOMMENDATION:

Planning staff have not provided a recommendation on the proposed amendment as the proposal primarily addresses policy and administrative considerations rather than matters typically addressed through the planning process.

PLANNING BOARD RECOMMENDATION:

At their September 14, 2026, meeting, the Planning Board voted to continue this item until the October 12, 2026, Planning Board meeting. The motion to continue passed by a vote of 7 to 2. The dissenting votes have been included with the Planning Board Report to Town Council for that meeting.

The Planning Board's recommendation will be determined at the October 12, 2026, Planning Board meeting and will be shared at the October 13, 2026, Town Council meeting.

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
TEL. 919-249-3426

PUBLIC NOTIFICATION OF PUBLIC HEARING

AMENDMENTS TO THE UNIFIED DEVELOPMENT ORDINANCE (UDO)

Pursuant to the provisions of North Carolina General Statutes §160D-601 and to the Town of Apex Unified Development Ordinance (UDO) Sec. 2.2.11, notice is hereby given of a public hearing before the Town Council of the Town of Apex for the purpose of soliciting comments relative to the following amendment(s) to the Unified Development Ordinance that are applicable Town-wide:

Requested by Town Council:

1. Amendments to Secs. 2.1.2 *Review and Decision-making Bodies, Planning Board and* 2.1.3 *Review and Decision-making Bodies, Board of Adjustment* in order to change the method for how board members are appointed.

Public Hearing Location: Apex Town Hall
Council Chamber, 2nd floor
73 Hunter Street, Apex, North Carolina

Town Council Public Hearing Date and Time: October 13, 2026, 6:00 PM

You may attend the meeting in person or view the meeting through the Town's YouTube livestream at: https://www.youtube.com/c/townofapexgov.

If you are unable to attend, you may provide a written statement by email to public.hearing@apexnc.org, or submit it to the Office of the Town Clerk (73 Hunter Street or USPS mail - P.O. Box 250, Apex, NC 27502), at least two business days prior to the Town Council vote. You must provide your name and address for the record. The written statements will be delivered to the Town Council members prior to their vote. Please include the Public Hearing name in the subject line.

The UDO can be accessed online at: http://www.apexnc.org/233.

Dianne F. Khin, AICP
Planning Director

Published Dates: September 25, 2026 – October 13, 2026

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
TEL. 919-249-3426

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS

Modificación de la Ordenanza de Desarrollo Unificado (UDO)

De conformidad con las disposiciones de los Estatutos Generales de Carolina del Norte §160D-601 y con la sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del pueblo de Apex, por la presente se notifican las audiencias públicas ante el Consejo Municipal del pueblo de Apex a fin de solicitar comentarios relativos a la siguiente modificación de la Ordenanza de Desarrollo Unificado que se aplican a todo el pueblo:

Solicitado por el ayuntamiento:

1. Enmiendas a las Secciones 2.1.2 *Órganos de Revisión y Toma de Decisiones, Junta de Planificación y* 2.1.3 *Órganos de Revisión y Toma de Decisiones, Junta de Ajuste* con el fin de modificar el método de nombramiento de los miembros de dichas juntas.

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2.º piso
73 Hunter Street, Apex, North Carolina

Fecha y hora de la audiencia pública del Consejo Municipal: 13 de octubre de 2026, 6:00 p.m.

Puede asistir a la reunión de manera presencial o seguir la transmisión en directo por YouTube a través del siguiente enlace: https://www.youtube.com/c/townofapexgov.

Si no puede asistir, puede proporcionar una declaración escrita por correo electrónico a public.hearing@apexnc.org, o presentarla a la Oficina de la Secretaria Municipal (73 Hunter Street o por correo postal a P.O. Box 250, Apex, NC 27502), al menos dos días hábiles antes de la votación del Consejo Municipal. Debe proporcionar su nombre y dirección para que conste en el registro. Las declaraciones escritas se entregarán al Consejo Municipal antes de la votación. No olvide incluir el nombre de la audiencia pública en el asunto.

Se puede acceder a la UDO en línea en http://www.apexnc.org/233.

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 25 de septiembre de 2026 - 13 de octubre de 2026

Legal Ad
https://www.apexnc.org/DocumentCenter/View/56506/UDO_Legal_Ad_October2026
Team Apex Landin... Town of Apex, Nor... Planning Departm... 2045LUM_0409202... Development in A... iMAPS Home Books! Online Rec... PL Team - Internal... Design and Develo... Watershed Protecti... Other favorites
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TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
TEL. 919-249-3426

PUBLIC NOTIFICATION OF PUBLIC HEARING

AMENDMENTS TO THE UNIFIED DEVELOPMENT ORDINANCE (UDO)

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Requested by Town Council:

1. Amendments to Secs. 2.1.2 *Review and Decision-making Bodies, Planning Board and* 2.1.3 *Review and Decision-making Bodies, Board of Adjustment* in order to change the method for how board members are appointed.

Public Hearing Location: Apex Town Hall
Council Chamber, 2nd floor
73 Hunter Street, Apex, North Carolina

Town Council Public Hearing Date and Time: October 13, 2026, 6:00 PM

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The UDO can be accessed online at: http://www.apexnc.org/233.

Dianne F. Khin, AICP
Planning Director

Published Dates: September 25, 2026 – October 13, 2026

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Legal Ad
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Team Apex Landin... Town of Apex, Nor... Planning Departm... 2045LUM_0409202... Development in A... iMAPS Home Books! Online Rec... PL Team - Internal... Design and Develo... Watershed Protecti... Other favorites
Draw 2 of 2 Edit with Acrobat

TOWN OF APEX
POST OFFICE BOX 250
APEX, NORTH CAROLINA 27502
TEL. 919-249-3426

NOTIFICACIÓN PÚBLICA DE AUDIENCIAS PÚBLICAS

Modificación de la Ordenanza
de Desarrollo Unificado (UDO)

De conformidad con las disposiciones de los Estatutos Generales de Carolina del Norte §160D-601 y con la sección 2.2.11 de la Ordenanza de Desarrollo Unificado (UDO) del pueblo de Apex, por la presente se notifican las audiencias públicas ante el Consejo Municipal del pueblo de Apex a fin de solicitar comentarios relativos a la siguiente modificación de la Ordenanza de Desarrollo Unificado que se aplican a todo el pueblo:

Solicitado por el ayuntamiento:

1. Enmiendas a las Secciones 2.1.2 *Órganos de Revisión y Toma de Decisiones, Junta de Planificación* y 2.1.3 *Órganos de Revisión y Toma de Decisiones, Junta de Ajuste* con el fin de modificar el método de nombramiento de los miembros de dichas juntas.

Lugar de la audiencia pública: Ayuntamiento de Apex
Cámara del Consejo, 2.º piso
73 Hunter Street, Apex, North Carolina

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Si no puede asistir, puede proporcionar una declaración escrita por correo electrónico a public.hearing@apexnc.org, o presentarla a la Oficina de la Secretaria Municipal (73 Hunter Street o por correo postal a P.O. Box 250, Apex, NC 27502), al menos dos días hábiles antes de la votación del Consejo Municipal. Debe proporcionar su nombre y dirección para que conste en el registro. Las declaraciones escritas se entregarán al Consejo Municipal antes de la votación. No olvide incluir el nombre de la audiencia pública en el asunto.

Se puede acceder a la UDO en línea en http://www.apexnc.org/233.

Dianne F. Khin, AICP
Directora de Planificación

Fechas de publicación: 25 de septiembre de 2026 - 13 de octubre de 2026

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AN ORDINANCE TO AMEND CERTAIN SECTIONS OF THE UNIFIED DEVELOPMENT ORDINANCE

BE IT ORDAINED by the Town Council of the Town of Apex as follows:

Section 1. **Sections 2.1.2 and 2.1.3 of the Unified Development Ordinance are now amended to read as follows with additions shown as bold underlined text and deletions shown as struck-through text:**

2.1.2 Planning Board

…

B) *Membership*

…

4) *Appointment. Members shall be appointed as follows:*

a) Regular members of the Planning Board from the **Town's extraterritorial jurisdiction (**ETJ**)** shall be appointed by the Wake County Board of County Commissioners**. The Town Council may provide membership recommendations to the Wake County Board of County Commissioners prior to appointment.**

b) Regular members of the Planning Board **within the corporate limits of the Town** ~~from the Town~~ shall be recommended by the Mayor and appointed by the Town Council.

c) The regular member of the Planning Board who resides outside the corporate limits and **extraterritorial jurisdiction (**ETJ**)**, but within the area covered by the Town's 2045 Land Use Map shall be recommended by the Mayor and appointed by the Town Council.

d) The non-voting youth representative of the Planning Board shall be recommended by the Mayor and appointed by the Town Council.

e) **Membership recommendations made by the Mayor shall be provided to the Town Clerk no less than 30 calendar days prior to the expiration of a membership term. In the event of a vacancy not resulting from the scheduled expiration of a membership term, Mayor recommendations shall be provided to the Town Clerk no later than 30 calendar days after receipt of written notice of the vacancy from the Town Clerk.**

f) Notwithstanding anything to the contrary in subsections (a)-(d), the Town Council may elect not to appoint an applicant recommended by the Mayor, in which case the Town Council shall appoint another qualified applicant without further recommendation from the Mayor. If no recommendation is provided by the Mayor within the applicable timeframe established in subsection (e), the Town Council may appoint a qualified applicant without a recommendation from the Mayor.

…

2.1.3 Board of Adjustment

…

B) *Membership*

…

4) *Appointment.* Members shall be appointed as follows:

a) Regular members of the Board of Adjustment from the **Town's** ETJ shall be appointed by the **Wake** County Board of County Commissioners ~~of Wake County~~. **The Town Council may provide membership recommendations to the Wake County Board of County Commissioners prior to appointment.**

b) Regular members of the Board of Adjustment **who reside within the corporate limits of the** ~~from the~~ Town shall be recommended by the Mayor and appointed by the Town Council.

c) Alternate members of the Board of Adjustment **who reside within the corporate limits of the Town** shall be recommended by the Mayor and appointed by the Town Council.

d) Membership recommendations made by the Mayor shall be provided to the Town Clerk no less than 30 calendar days prior to the expiration of a membership term. In the event of a vacancy not resulting from the scheduled expiration of a membership term, Mayor recommendations shall be provided to the Town Clerk no later than 30 calendar days after receipt of written notice of the vacancy from the Town Clerk.

e) Notwithstanding anything to the contrary in subsections (a)-(c), the Town Council may elect not to appoint an applicant recommended by the Mayor, in which case the Town Council shall appoint another qualified applicant without further recommendation from the Mayor. If no recommendation is provided by the Mayor within the applicable timeframe established in subsection (d), the Town Council may appoint a qualified applicant without a recommendation from the Mayor.

Section 2. The Planning Director and/or Town Manager are hereby authorized to renumber, revise formatting, correct typographic errors, to verify and correct cross references, indexes and diagrams as necessary to codify, publish, and/or accomplish the provisions of this ordinance or future amendments as long as doing so does not alter the terms of this ordinance.

Section 3. All ordinances or parts of ordinances in conflict with this ordinance are hereby repealed. If any section, paragraph, subdivision, clause or provision of this ordinance shall be adjudged invalid, such adjudication shall apply only to such section, paragraph, subdivision, clause or provision so adjudged and the remainder of the ordinance shall be deemed valid and effective.

Section 4. The ordinances shall be effective upon enactment on the ____ day of _____2026.

Introduced by Council Member _____

Seconded by Council Member _____

Attest:

_____
Allen Coleman, CMC, NCCCC
Town Clerk

TOWN OF APEX

_____
Jacques K. Gilbert
Mayor

Approved as to Form:

_____
Brian Meyer
Interim Town Attorney

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: REGULAR MEETING AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Discussion and consider a possible motion to adopt the ordinance amending the Town Code of Ordinances to update the Resident Advisory Board appointment process for the Environmental Advisory Board, Culture and Arts Advisory Board, Multimodal Transportation Advisory Board, and Parks and Recreation Advisory Board consistent with the proposed amendment to the Town's Unified Development Ordinance (UDO).

Approval Recommended?

TBD

Item Details

At the direction of the Town Council, staff have prepared amendments to the Town Code of Ordinances related to the appointment process for members of the Town's Resident Advisory Boards. The proposed amendments apply to the Environmental Advisory Board, Culture and Arts Advisory Board, Multimodal Transportation Advisory Board, and Parks and Recreation Advisory Board, which are established within the Town Code. Similar amendments addressing the Planning Board and Board of Adjustment are being considered separately through amendments to the Unified Development Ordinance (UDO).

Currently, members of these Resident Advisory Boards are recommended by the Mayor and appointed by the Town Council. The proposed Town Code amendments are intended to establish a more consistent and defined appointment process across the Town's Resident Advisory Boards. Consistent with the proposed UDO amendments, the changes would establish timelines for mayoral recommendations and clarify the process available to the Town Council when a recommended applicant is not appointed or when a mayoral recommendation is not received within the established timeframe. The companion UDO amendments provide for mayoral recommendations to be submitted at least 30 calendar days before the expiration of a scheduled term, or within 30 calendar days following notice of an unscheduled vacancy, and allow the Town Council to appoint another qualified applicant without an additional mayoral recommendation under specified circumstances.

The amendments are intended to provide greater clarity and consistency in the appointment process while maintaining the existing structure and responsibilities of each Resident Advisory Board. The proposed changes do not otherwise modify the purpose, composition, qualifications, or duties of the affected boards.

The ordinance amendment would revise Chapter 2 – Administration, Article IV. Apex Environmental Advisory Board; Article V. Culture and Arts Advisory Board; Article VI. Multimodal Transportation Advisory Board; and Chapter 15 – Parks and Recreation Advisory Board to incorporate the revised appointment process.

Attachments

- RA1-A1: Ordinance Amendment - Chapter 2 – Administration, Article IV. Apex Environmental Advisory Board; Article V. Culture and Arts Advisory Board; Article VI. Multimodal Transportation Advisory Board; and Chapter 15 – Parks and Recreation Advisory Board – ***pending***

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: REGULAR MEETING AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Upon voting by ballot as outlined in the Apex Town Council Rules of Procedures, appoint one individual to serve in a Regular Member Position on the Culture and Arts Advisory Board (CAAB) for a partial term effective September 1, 2026, through June 30, 2027. This position was previously occupied by Ranjit Hota.

Approval Recommended?

Mayor Jacques K. Gilbert has not provided a recommendation for this position as of the agenda publication.

Item Details

A total of fourteen **(14) applications** were received for appointment consideration, and they are (in alphabetical order by last name). Names denoted with an asterisk (*) are current members seeking reappointment:

- **Broadnax, Jessica** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Chappidi, Sathvika** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Corsetti, Julianna*** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Famlare, Christy** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Harrien, Darryl* –** Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Jain, Nirjara** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Koshti, Ritu** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Linson, Makyia** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Liu, Angela** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Mohammad, Ishak** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Premlata, Vaishnava** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position

- **Prendes, Amie** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Schultz, Erin** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Shoyoye, Adesiyan "Shiyan"** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position

The Culture and Arts Advisory Board (CAAB) for the Town of Apex is responsible for increasing community awareness for various forms of art and building a vital and ever-expanding creative community. The CAAB will gather public input through surveys, focus groups, meetings with civic groups, neighborhood groups, etc., and liaising with Town Departments and other Town Committees related to culture and arts initiatives. CAAB shall be responsible for recommending projects, programs, and potential artist to the Town Council for consideration in the development of certain projects.

The Culture and Arts Advisory Board (CAAB) shall consist of nine (9) voting members, including one (1) youth representative as defined in the Resident Advisory Board Administrative Policy. All members shall be recommended by the Mayor and appointed by the Town Council. Members shall be appointed for two-year (2) terms, except the voting youth representative which shall have a term of one-year. Membership shall be restricted to residents of the town's corporate limits except that no more than two (2) members may be residents of the Town's established Extraterritorial Jurisdiction (ETJ).

Attachments

- RA2-A1: Applicants at A Glance – Culture and Arts Advisory Board (CAAB) w-applications
- RA2-A2: Nomination Summary by Councilmember – Multiple Boards – As of August 25, 2026

CULTURE AND ARTS ADVISORY BOARD

APPLICANTS AT A GLANCE

Requested Action(s):

A. Recommendation is needed to fill one (1) Regular Member position on the Culture and Arts Advisory Board (CAAB) for a partial term beginning September 1, 2026 through June 30, 2027. The following candidates applied and are eligible for appointment. The candidates shaded in blue are not eligible for this position since they are youth applicants:

APPLICANTS AT A GLANCE – NEW APPLICANTS

Applicant(s)	Status	Resident Status	Notes
Broadnax, Jessica	NEW	Corporate Limits	Eligible for Appointment
Chappidi, Sathvika	NEW	Corporate Limits	Youth
Koshti, Ritu	NEW	Corporate Limits	Youth
Linson, Makyia	NEW	Corporate Limits	Youth
Liu, Angela	NEW	Corporate Limits	Appointed to Environmental Advisory Board 9/22/2026
Mohammad, Ishak	NEW	Corporate Limits	Eligible for Appointment
Prendes, Amie	NEW	Corporate Limits	Eligible for Appointment

Continued on next page

APPLICANTS AT A GLANCE – NEW APPLICANTS
CONTINUED

Applicant(s)	Status	Resident Status	Notes
Schultz, Erin	NEW	Corporate Limits	Eligible for Appointment
Shoyoye, Adesiyan "Shiyan"	NEW	Corporate Limits	Eligible for Appointment

APPLICATIONS ELIGIBLE FOR APPOINTMENT
(As of May 2026)

The following applicants meet eligibility requirements for appointment consideration:

Applicant Name	Status	Residency
Broadnax, Jessica	NEW	Corporate Limits
Chappidi, Sathvika	NEW - Youth	Corporate Limits
Famlare, Christy	NEW	Corporate Limits
Jain, Nirjara	NEW - Youth	Corporate Limits
Koshti, Ritu	NEW - Youth	Corporate Limits
Linson, Makyia	NEW - Youth	Corporate Limits
Liu, Angela	NEW - Youth	Corporate Limits
Mohammad, Ishak	NEW	Corporate Limits
Vaishnava, Premlata	NEW	Corporate Limits
Prendes, Amie	NEW	Corporate Limits
Schultz, Erin	NEW	Corporate Limits
Shoyoye, Adesiyan “Shiyan”	NEW	Corporate Limits

Entry #: 821 **Status:** Submitted **Submitted:** 5/27/2026 10:30 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Jessica Broadnax

Pronouns

Preferred First Name

Jessica

Spouse/Partner Name (If applicable)

Phyiscal Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Mailing Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Planning Board (PB), PRAB

How did you hear about this opportunity to serve?

Nextdoor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Meridian

Current Job Title

Scrum Master/Implementation Consultant

Employer Main Work Telephone Number

7704148400

Employer Onsite Office Location

Atlanta, Georgia 30346

Please briefly describe your job function and core duties,

Lead Agile Transformation: Facilitating Daily Stand-ups, Sprint Planning, Retrospectives, and Reviews for cross-functional teams, ensuring smooth execution of Agile methodologies and successful project delivery.
Collaborative Stakeholder Management: Work closely with Product Owner to refine and groom the product backlog, prioritizing tasks based on current development status and business goals, enhancing overall project flow.
Cross-Team Coordination: Act as a bridge between clients and technical teams, effectively translating customer requirements into actionable tasks, and providing ongoing solutions to complex issues and data challenges.
End-to-End ERP Implementation: Map, configure, test, and train users on ERP Accounting/HR systems, ensuring successful system integration and user adoption.
Customer Engagement & Training: Provide on-site customer support (up to 40% travel) during project lifecycle, resolving queries, delivering tailored training, and recommending system enhancements to optimize business operations.
Continuous Process Improvement: Collaborate with end-users to identify opportunities for system improvements, ensuring the development of tools that meet both functional and business needs.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I'm interested in serving on this board because I care about contributing to the continued growth and quality of life in Apex. As our community continues to expand, I believe it's important to have engaged residents who are willing to listen, collaborate, and thoughtfully consider the needs of both current and future residents.

I would bring a professional, organized, and solutions oriented mindset to the board. I value clear communication, fairness, and community engagement, and I'm comfortable working with different perspectives to help reach balanced decisions. I'm especially interested in ensuring that growth, community resources, and long term planning continue to reflect the values that make Apex a strong and welcoming town.

In addition to my professional experience managing projects and working with diverse groups of people, I'm motivated by a genuine desire to give back to the community and become more involved in local government and civic service. I would approach the role with reliability, preparation, and a willingness to learn.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I would bring a collaborative and community focused perspective to the board. I value listening to residents, understanding different viewpoints, and helping find practical solutions that support the long-term success of Apex.

2. My professional experience in project coordination and communication has helped me develop strong organizational, problem solving, and decision making skills. I can contribute thoughtful preparation, attention to detail, and a reliable work ethic when reviewing issues and participating in board discussions.

3. I am genuinely invested in the future of Apex and want to contribute positively to the community's growth and quality of life. I would approach the role with professionalism, openness to learning, and a commitment to serving the best interests of residents and the Town as a whole.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support thoughtful and balanced growth that preserves the character of Apex while also planning responsibly for future residents, infrastructure, and community needs.

2. Encourage stronger community engagement by helping residents feel informed, heard, and included in local discussions and decision making processes. I believe transparency and communication are important to building trust and participation.

3. Contribute to initiatives that improve overall quality of life in Apex, including maintaining strong public spaces, supporting local businesses, and promoting long term planning that keeps the town welcoming, accessible, and sustainable for all residents.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My recent volunteer experience has included supporting food pantries in Wake County as well as participating in fundraising and awareness runs for organizations focused on St. Jude Children's Research Hospital and breast cancer awareness initiatives. Through food pantry volunteer work, I had the opportunity to help support individuals and families facing food insecurity by assisting with organization, distribution, and community support efforts.

Participating in charity runs and awareness events allowed me to contribute to causes that promote health, research, and community connection. These experiences strengthened my appreciation for service, teamwork, and community involvement, and they reinforced the importance of supporting programs that improve quality of life for residents both locally and beyond. I believe volunteerism helps create a stronger and more connected community, which is something I value for Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

N/A

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I rent my apartment/condo

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Jessica Broadnax

Entry #: 770 **Status:** Submitted **Submitted:** 9/2/2025 10:10 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Sathvika Chappidi

Pronouns

She/Her/Hers

Preferred First Name

Sathvika

Spouse/Partner Name (If applicable)

N/A

Phyiscal Address

2409 Fillmore Hall Ln, Apex, North Carolina 27523

Mailing Address

2409 Fillmore Hall Ln, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)
Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB)

How did you hear about this opportunity to serve?
Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education
Youth Representative (Currently in High School)

Current Employer
Youth Rep

Current Job Title
Youth Rep

Employer Main Work Telephone Number
Youth Rep

Employer Onsite Office Location
Youth Rep, North Carolina 27523

Please briefly describe your job function and core duties,
Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

My interest in serving on the boards I had chosen was because I believe that the Town the Apex could benefit from learning and experiencing new cultures, and see the impact that improving the environment will have on the town and the townspeople. I have always had an interest in arts and cultures such as mine and others, along with the history behind it. I have helped volunteered with the Apex Youth Council for Juneteenth two years in a row, and while I was there I noticed that cultural celebrations inspire people to reach out to learn more and ask questions. Along with that there were people from out of town who came to attend the celebration. The environment in the Town of Apex is enjoyed by many people because of its parks downtown area, etc, but I believe that we can boost the state of our environment by having people help with fixing town gardens and teaching them why its beneficial for the town that they know and love to have a great environment.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Three reasons as to why my service on the chosen board could be beneficial to the Town of Apex is that I have been a member of the Apex Youth Council for the past 4 years, which makes me experienced with most town activities and celebrations. I have a lot of experience with holding gatherings and helping out in many different events, whether it be marathons, food drives, holiday events, etc. I truly do enjoy spending my time out helping people in the community, since it allows me to really learn what people think about the town and what their interests are.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

My three goals I hope to achieve during my term is to expand people's knowledge on cultures since the Town of Apex is a place where people come from many different backgrounds. I also hope to learn more about the town and its own history, and I hope that during this term I grow to become a better leader

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have volunteered with the Green Level High Schools Athletic Department to help clean roads and help with gardening. I am currently a member of the Apex Youth Council, where I have 90+ hours volunteering in marathons, holiday events, food events, etc. I was also a member of HOSA for a year.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

N/A

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?
Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?
Yes

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?
I own my single family home

My age range is (please select one):

Under 16

I have been an Apex resident for
7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?
No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?
No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?
Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 825 **Status:** Submitted **Submitted:** 5/28/2026 3:49 PM

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Christy Famolare

Pronouns

She/Her/Hers

Preferred First Name

Christy

Spouse/Partner Name (If applicable)

Phyiscal Address

2401 Balmoor Trace, Apex, North Carolina 27523

Mailing Address

2401 Balmoor Trace, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Parks & Recreation Advisory

How did you hear about this opportunity to serve?

Peak Weekly

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Self employed

Current Job Title

Owner/CEO

Employer Main Work Telephone Number

9198151541

Employer Onsite Office Location

Apex, North Carolina 27523

Please briefly describe your job function and core duties,

I am in the process of creating an Event Venue Space

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I have 15 years experience in municipal parks and recreation focusing on cultural programming and working with immigrants populations and while I'm no longer in the industry I would love to stay involved through participation on an advisory board. I have also lived internationally and speak English and Spanish fluently.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I have created and implemented community assessments in English and Spanish and would be willing to help admin that when departments are planning their long-term strategic plan.
2. I have experience and have spoken nationally on accessibility at the NRPA conference in event planning.
3. I have experience in creating and implementing town-wide cultural program initiatives (as well as a couple of public art programs).

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

I would really like to serve on juts one board but am amicable to either (wherever I'm most needed) my goals would be the same
1. Gather and use community-centric assessments to guide advising
2. I would like to ensure programs and initiatives are accessible to all and so would advise with that lens.
3. Connect the community with P&R and/or Culture & Arts in apex (awareness)

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I am currently volunteering for NeighborUp. I understand that the Town and the organization have a continuing partnership

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Wake County Juvenile Crime Prevention Council (JCPC) 2011-2021

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

n/a

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

Yes

If you selected yes, please provide additional details below. If not, please indicate NA.

maybe. it has not opened however I am trying to create an event space for rent

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Christy Famolare

Entry #: 831 **Status:** Submitted **Submitted:** 5/30/2026 12:00 AM

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Nirjara Jain

Pronouns

She/Her/Hers

Preferred First Name

Nirjara

Spouse/Partner Name (If applicable)

Phyiscal Address

1730 Pershore Drive, Apex, North Carolina 27502

Mailing Address

1730 Pershore Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27502

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

As a student, I have written about my passion in public transportation so much that every teacher I have can individually point it out. Multimodal transportation is an active part of my everyday lifestyle, and I aspire to implement a variety of transportation styles for the community I grew up in. Serving on the Multimodal Transportation Advisory Board would let me learn more about multimodal transportation and municipal policy – and it would let me do something I have genuinely always been interested in: continually improving access to all different kinds of transportation.

Through another perspective, music has been running through my veins for generations. In college, I want to study anthropology and partake in musical ensembles. The Arts and Culture board feels like a natural choice for me; living in arts throughout my life has given me a deep respect and care for the kind of rigor that art takes, and I love immersing myself in and analyzing culture. Serving on this board would allow me to put my artistic experience and cultural passion into practice in a way I've never done before: by giving my knowledge to the Town of Apex to improve our lifestyle.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Being on either the Multimodal Transportation Advisory Board or Arts and Culture Board I would need to be fact-based. I have learned through school leadership that it is important to have any decision-making group understand the opinions of the diverse groups of our community. I have experience with public speaking and information synthesis through activities like Model UN and Speech and Debate. With these experiences, I would be able to use my skills to contribute to keeping the group well-organized, and I would make sure that all of my opinions are fact-based.

Working with arts and culture organizations, as well as being in touch with all sorts of people with different access to transportation, I hear from a diverse range of opinions, allowing me to convey the impressions of a particular action on a wide group of people. This would let the multimodal transportation board or the arts and culture board learn from sentiments they don't always necessarily hear.

I am genuinely passionate about both multimodal transportation and arts and culture, and I have done years of both formal and informal research on both of these subjects. As such, I would be able to serve the town by using my care for and knowledge of these topics, combined in such a way that would lead to me being vocal about causes that would be beneficial to the Town of Apex.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Multimodal Transportation Advisory Board:

Make knowledge of multimodal transportation widespread through effective advertisement in targeted places to reach specific populations (e.g. putting informational flyers about bus routes in Apex in businesses in Downtown Apex or in popular gathering places)

Have pedestrian and biking transportation be safer around Apex schools, especially by having increased walkways and school zone lights around schools like Apex Elementary and Apex Friendship High School.

Organize a well-known walk-to-school/bike-to-school day to encourage greater knowledge of different walking and biking routes for kids to take to school.

Arts & Culture Advisory Board:

Having more town-organized events for multicultural appreciation, allowing for a better sense of community and inclusion with everyone in Apex as well as greater appreciation for arts overall.

Giving more highlight to the student arts in Apex schools, whether that be performing or visual arts, especially through featured performances and advertisement. Apex's arts departments are some of the best in the state, and highlighting these achievements would solidify Apex's position as the cultural and artistic center for many students that it is.

Popularizing historic part of Apex like Downtown by continuing to add historic signs and information throughout the city, and actively advertising that historic significance in new ways. This would let the true long-standing nature of Apex shine through.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Volunteering with the Mental Health Task Force in Apex has led to a greater awareness of mental health in the Town of Apex. As well as this, on May 29th, the first Behavioral Health Community Workshop was hosted, with a variety of organization and ideas contributed from all members in the Mental Health Task Force. Taking part in this task force has led me to think about the intersection of mental health and government, and when I attend meetings, I'm able to vocalize my learnings, which have helped the task force meet our end goals.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Town of Apex Mental Health Task Force

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

N/A

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

N/A

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 815 **Status:** Submitted **Submitted:** 5/20/2026 3:45 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Ritu e Koshti

Pronouns

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address

2632 Jordan Pointe Blvd, New Hill, North Carolina 27562

Mailing Address

2632 Jordan Pointe Blvd, New Hill, North Carolina 27562

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB)

How did you hear about this opportunity to serve?

School

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Green Level High School

Current Job Title

Student

Employer Main Work Telephone Number

919-694-8222

Employer Onsite Office Location

Cary, North Carolina 27519

Please briefly describe your job function and core duties,

High school junior at Green Level High School applying for a Youth Rep role.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in serving on the Culture and Arts Advisory Board because I care deeply about how arts and culture shape a community's identity, especially for young people. As a high school student, I see every day how music, visual arts, theater, and cultural events help students feel seen, connected, and proud of who they are. I want to bring that youth perspective into the conversations and decisions that guide our city's cultural priorities.

I'm particularly interested in how the board can make arts more accessible and inclusive—both in terms of whose stories are represented and who feels welcome to participate. As a youth representative, I would listen to my peers, share what matters to them, and help bridge the gap between young people and decision-makers. Serving on this board would allow me to contribute my ideas, learn how public decisions are made, and help ensure that our community's cultural spaces and programs reflect the diversity, creativity, and voices of the next generation.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1.Fresh Youth Perspective on Arts & Culture
As a young person who actively experiences the arts in school and in the community, I can offer insight into what resonates with youth and what types of programs would increase participation among students and families. My perspective can help the board design events, public art, and cultural initiatives that feel relevant, inclusive, and engaging for the next generation.
2.Strong Connection to the Community and Local Schools
Because I am involved in the Apex community through school activities, clubs, and local events, I understand what students are excited about and what opportunities they feel are missing. I can serve as a bridge between the board and local youth by sharing feedback, gathering input, and helping the board stay connected to the needs and interests of younger residents.
3. Commitment to Expanding Access and Representation in the Arts
I care deeply about making arts and cultural experiences accessible to everyone, regardless of background. I would bring a focus on diversity, representation, and inclusion—ensuring that programs reflect the wide range of cultures, identities, and creative interests within Apex. My goal is to help the board create spaces where all residents feel welcome and inspired.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Increase Youth Engagement in Arts & Cultural Programs
My first goal would be to help the Town of Apex create more opportunities for young people to participate in arts and cultural events. This could include gathering feedback from students, promoting events through schools, and suggesting programs that appeal to a wider range of youth interests. By strengthening the connection between the board and local students, I hope to help build a more vibrant, youth-inclusive arts community.
2. Promote Diversity and Cultural Representation in Town Events and Public Art
I would like to support initiatives that highlight the diverse cultures within Apex. This could include recommending multicultural performances, supporting public art that reflects different backgrounds, or encouraging events that celebrate global traditions. My goal is to help ensure that all residents feel seen, valued, and represented in the town's cultural programming.
3. Expand Access to Creative Opportunities for All Residents
I hope to advocate for programs that make arts participation more accessible — whether through free community workshops, youth-friendly events, or partnerships with schools and local organizations. I want to help remove barriers so that more people, especially students, can explore creative activities regardless of experience or resources.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

In the past year, I have been involved in several volunteer activities that have helped me stay connected to the Apex community and contribute in meaningful ways. I have volunteered at local school events, community gatherings, and service projects where I helped with setup, organization, and supporting younger students. Through these experiences, I've learned how important it is to create welcoming, well-run events that bring people together.

My volunteer work has helped the Town of Apex by supporting events that strengthen community engagement and by contributing to a positive environment for families and students. I've also had opportunities to listen to community members and understand what kinds of programs and activities they value. These experiences have given me a deeper appreciation for how arts, culture, and community events shape the identity of Apex, and they motivate me to continue serving in ways that help make our town more vibrant, inclusive, and connected.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

NA

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

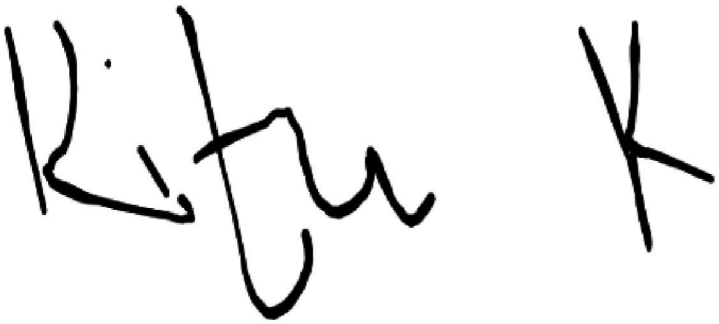
NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 781 **Status:** Submitted **Submitted:** 11/18/2025 6:46 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Makyia Linson

Pronouns
She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
503 Stonecreek drive, Apex, North Carolina 27539

Mailing Address
SAME, SAME, North Carolina 27539

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official, Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27539-5369

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I want to join this board because I really care about making decisions that matter—and honestly, I'm excited to get some real leadership experience along the way. As a student, I think it's crucial for young people to actually have a say in the programs and policies that shape our lives. If I get the chance to serve, I'll bring the student perspective to the table, but I'm also looking forward to learning from people who've been doing this longer than I have.

I've got a few strengths I can offer. My classes have sharpened my communication, critical thinking, and problem-solving skills. Working on group projects and getting involved outside the classroom taught me how to work with all kinds of people, listen to different opinions, and keep an open mind—even when things get tough. I'm organized, I stay motivated, and I make sure to follow through on what I start.

On top of that, I know what it's like to be a student right now. I get the pressure of academic expectations, the juggling act of campus activities, and the challenge of balancing school with everything else. These real-life experiences help me understand what my peers need and what they're worried about, and I want to bring that insight to the board's decisions.

In the end, I want to give back to my community and keep growing as a leader. I'm ready to bring energy, curiosity, and a genuine student point of view to the board. I'd be proud to help support its mission.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

The reason why my service on my chosen boards could be beneficial is so I can offer my perspective as a long-term resident, contribute to better decision-making, and as a student, I can help my other board members thing critically about decisions.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

One of the most important goals that I wish to achieve during my term is to garner awareness of consumer waste and the importance of reusing, reducing, and reusing products we take for granted. Another issue that I wish to execute is the deforestation epidemic that we are currently facing in Apex. I wish to make further use of the land that we still have and produce multiple urban green spaces out of them. My last concern that I would love to fix is the major water quality degradation that is now prevalent in our communities.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

One of my most recent volunteer experiences that executed is by reading to the seniors of Apex. By understanding our older class, I can further realize the dynamic between our present and future generations.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not served on a governmental board, but I have spent a couple years in student body leadership.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

N/A

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I own my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

Yes

If you selected yes, please provide additional details below. If not, please indicate NA.

My school work and responsibilities

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 812 **Status:** Submitted **Submitted:** 5/19/2026 12:12 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Angela X Liu

Pronouns

Prefer not to say

Preferred First Name

Angela

Spouse/Partner Name (If applicable)

Phyiscal Address

329 Gartrell Way, Cary, North Carolina 27519

Mailing Address

329 Gartrell Way, Apex, North Carolina 27519

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Recreational and PArk usage Advisory Board

How did you hear about this opportunity to serve?

Teacher

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27519

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am highly interested in serving on the Recreational and Environmental Board to bridge the gap between community use and ecological preservation. My interest is rooted in two distinct perspectives. As an avid cyclist who spends hundreds of hours on our local greenways, I interact daily with a diverse cross-section of residents. This gives me a firsthand, user-level understanding of our infrastructure's safety, accessibility, and maintenance needs. Secondly, my love for environmental science allows me to view these spaces as critical ecological assets. I look forward to helping the board balance public recreation with sustainability, advocating for biodiversity, native landscaping, and smart stormwater management. Ultimately, I offer a unique fusion of practical trail insight and scientific curiosity, making me a dedicated advocate for resilient, accessible green spaces.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Biking Apex’s trails lets me serve as a mobile listening post. The casual conversations I have with families, runners, and commuters give me real-time feedback on what our trail users actually need. Secondly, I bridge the gap between human enjoyment and environmental science. I will help the town design spaces that serve a dual purpose: vibrant parks for residents that simultaneously function as thriving, biodiverse ecosystems. Lastly, I will advocate for our greenways to grow with it. As the apex community increases in population, it is very crucial for us to advocate for further environmental policies that help us conserve ecosystems and recreational parks.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

As an avid insect collector and learning entomologist, I want to advocate for planting native flora and creating pollinator habitats directly along the margins of existing and new greenways. I also want to use my frequent rides to audit and advocate for closing gaps between existing trails and neighborhoods. I hope to increase community-driven environmental science programs that help educate the public on the conservation of our environment.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

At Triangle Chess, I instructed children from all walks of life, diverse backgrounds, and varying learning styles, helping them find common ground over a shared board. From my experience as a coach and assistant coach (with no pay), I was able to increase many of my students' passion for chess and other topics they were interested in. Frequently, my students placed top in their local tournaments and saw massive success in their own learning with my guidance. This experience honed my ability to communicate complex ideas clearly and adapt my approach to meet diverse needs. I understand how to build inclusive environments where people feel valued. On a town board, I will apply this exact mindset to ensure Apex's public parks, greenways, and programs are accessible and welcoming to every resident.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not served on any governmental board yet, but I am disciplined and motivated internally to pursue what I want. I am confident in my ability to provide creative solutions to hard problems that the Town of Apex might experience environmentally. You will not hesitate or reject my presence in a potential board because I can provide solid solutions and feedback to any problem I'm interested in.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 813 **Status:** Submitted **Submitted:** 5/20/2026 12:53 AM

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ishak Mohammad

Pronouns
He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
3413 Dropseed Dr, Apex, North Carolina 27502

Mailing Address
3413 Dropseed Dr, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Private Inc

Current Job Title

Software Solutions Architect

Employer Main Work Telephone Number

3108958691

Employer Onsite Office Location

Durham, North Carolina 27703

Please briefly describe your job function and core duties,

As a Software Architect, my primary function is to serve as a trusted advisor, providing clarity in ambiguity by designing effective and fit-for-purpose software solutions while ensuring strong governance. My core duties include:

Problem Analysis: Identifying and understanding the specific challenges faced by clients or users to develop tailored solutions.
Solution Design: Creating architectural designs that align with business objectives and technical requirements.
Collaboration: Working closely with customers and stakeholders to ensure their needs are understood and addressed through effective software solutions.
Technical Leadership: Guiding development teams in implementing best practices and adhering to architectural standards.
Governance Oversight: Establishing and enforcing architectural guidelines and policies to ensure compliance, security, and quality throughout the development process.
Continuous Improvement: Evaluating existing systems and processes to recommend enhancements and ensure optimal performance.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Living in Raleigh, Durham Area since 2015.
Qualifications: MBA from NC university and Computer-science college degree with 20 years of experience.
Profession: Enterprise/Solutions Architect
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

My interest in serving on the Apex advisory board stems from a deep commitment to community development, supported by my MBA and Computer Science degree, along with 20 years of professional experience, particularly as a Software Architect. In this role, I have honed my skills in system design, technical leadership, and collaborative problem-solving.

As the Architecture Chairman and Vice President of my HOA from 2023 to 2026, I gained valuable leadership and collaboration skills, while my role as Vice President of Public Relations for Toastmasters has enhanced my communication abilities.

Additionally, my extensive volunteer work with various non-profits demonstrates my dedication to serving others and understanding community needs. My unique blend of technical expertise, managerial experience, and passion for community engagement positions me well to advocate for initiatives that benefit all residents of Apex.

Through my architectural experience, I can leverage analytical thinking and a structured approach to decision-making, which will be invaluable in addressing community challenges and promoting sustainable development.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Reason 1: Diverse Experience and Insights
My background in Governance and Architecture equips me with valuable insights and perspectives that can inform the board's decision-making process. I can bring a fresh viewpoint on community issues, utilizing best practices from other contexts to enhance initiatives. This diversity in experience can foster innovative solutions and create well-rounded policies that benefit all residents.

Reason 2: Strong Community Connections
Living in Raleigh, Durham area since 2015. I have established relationships with various community groups, local organizations, and residents, which can facilitate collaboration and engagement. By leveraging these connections, I can ensure that the advisory board remains in touch with the needs and interests of the community. This can lead to increased participation in board initiatives and stronger support for decisions made.

Reason 3: Commitment to Community and Effective Advocacy
My dedication to serving the Town of Apex is unwavering, and I am passionate about advocating for the best interests of our residents. I will work diligently to represent community voices and amplify concerns that might otherwise go unheard. My proactive approach can help the board effectively address community needs, fostering a sense of trust and collaboration between residents and local governance.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

To Keep Apex at Its Peak
Goal 1: Enhance Community Engagement
Develop initiatives to increase participation in local governance, such as town hall meetings and online feedback platforms, ensuring diverse voices are heard.

Goal 2: Improve Local Economic Opportunities
Support local economic development by fostering partnerships with small businesses, advocating for job training, and promoting Apex as an attractive destination for new businesses.

Goal 3: Foster Inclusivity and Diversity
Create programs celebrating diversity, organize cultural events, and establish support networks for underrepresented groups, strengthening community ties.

Goal 4: Improve Infrastructure and Transportation
Prioritize enhancements in transportation, advocate for better public transit, and upgrade community facilities to meet residents' needs and promote economic growth.

Goal 5: Support Education and Youth Programs
Strengthen educational opportunities for youth by collaborating with local schools, promoting mentorship programs, and increasing funding for resources, empowering the next generation.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I'm new to Apex but I have rich previous volunteer experience with several non-profits. Some of them are
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Served as HOA Architecture Chairman and Vice President 2023 to 2026. I was responsible for chairing meetings, making decisions and reviewing 200+ Architecture requests and rendering decision. Also, contributed in beautification projects and safety committees.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 828 **Status:** Submitted **Submitted:** 5/29/2026 6:48 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Premlata Vaishnava

Pronouns

She/Her/Hers

Preferred First Name

Pinki

Spouse/Partner Name (If applicable)

Phyiscal Address

1005 Wild Sonnet Ct., Apex, North Carolina 27502

Mailing Address

1005 Wild Sonnet ct, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Community Health and Yoga

How did you hear about this opportunity to serve?

Friend / Neighbor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Onelife Fitness

Current Job Title

Yog Instructor

Employer Main Work Telephone Number

(919) 975-5515

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

Planning and teaching Yog postures as a Slow Flow motion.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Being an Apex resident I find it important to know about my community's future plans for development, social events, education and healthy life.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1.I am an immigrant with multicultural and multilingual background and my experiences and advocacy can help shape our community.

2. As an academic I can bring ideas to include intercultural aspects in our school curriculum and/or adult community members.

3. As a certified Yog instructor and Yog therapist I can speak about the importance of Yog for our community.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Making our community more safe and welcoming for immigrants
2. Foreign langauge and culture classes
3. Intercultural meetings such a trading groups where cretive minds can share their creative pieces (they don't have to be famous, just be creative).

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have not specifically worked as a volunteer in Apex but I have volunteered at the Eno River festival in Durham where I cooked food for the performers and sold tickets. Such events are a great success because community members like me participate and contribute. I also volunteered for the meal drive.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

NA

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Premlata Vaishnava

Entry #: 814 **Status:** Submitted **Submitted:** 5/20/2026 2:36 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Amie Prendes

Pronouns

Preferred First Name

Amie

Spouse/Partner Name (If applicable)

Matthew Johnson

Phyiscal Address

105 Kelly Brook Court, Apex, North Carolina 27502

Mailing Address

105 Kelly Brook Court, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Amie's Academy

Current Job Title

Owner/Teacher

Employer Main Work Telephone Number

4026180148

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

Own and operate music studio including budgeting, marketing, and scheduling. Select age and skill level appropriate materials for students of all ages studying piano/and or brass instruments, produce yearly recitals.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

As a former middle school band director, I have witnessed the transformative power of the arts. I also have a Masters in Arts Leadership and Cultural Management. While earning this degree, I had the opportunity to research the other communities on the global and national level and learn of the efforts being made to create cultural awareness and access to the arts for all. I worked for Opera Omaha, The Omaha Symphony, and Omaha Performing Arts creating and promoting various community events. As manger of donor relations at The Durham Museum in Omaha, NE, I promoted the mission of the museum and engaged with patrons wanting to learn more about the history and culture of Omaha and the surrounding area. Now that I have lived in Apex for three years, I am ready to jump in and give back to the community that has already given so much to me.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Arts and culture have been at the root of my soul since attending my first musical at the age of seven. 2. I excel at engagement and promotion of arts and culture. 3. I am Apex proud and it would be an honor to see the community grow in artistic and cultural richness.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. City wide art installations 2. A city wide art/cultural project 3. Formation of a city wide band or choir. 4. Greater promotion of The Halle Center

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have not had the opportunity to volunteer in Apex yet. While living in Omaha, NE I started a non profit called Arts ConNEct whose purpose was to connect students and aging members of thee community through musical performances. ArtsConNEct started as a project for graduate school, however it became evident that connecting generations through the arts was a bridge that has not yet been built in thee community. These efforts quickly spread statewide.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

NA

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Ethnicity

Two or more

Do you rent or own your home?

I rent my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Amie Prendes

Entry #: 823 **Status:** Submitted **Submitted:** 5/27/2026 7:05 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Erin Schultz

Pronouns
She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)
Hannah Schultz

Phyiscal Address
1020 Drayman Pl, Apex, North Carolina 27502

Mailing Address
1020 Drayman Pl, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB)

How did you hear about this opportunity to serve?

Facebook

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

WCPSS

Current Job Title

Substitute Teacher

Employer Main Work Telephone Number

919-363-2865

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

As a substitute teacher I have to be prepared to step into any classroom and provide education based on plans left by the teacher. I am also responsible for student safety and behavior management.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I believe that the arts are vital to a thriving community. I have been the cultural arts chair at Salem Elementary School for the past 4 years and have focused on bringing a variety of artistic experiences to the students. We work with the United Arts Council to find artists that represent the diversity present in our school community.
I also have experience working professional theatre and love being behind the scenes producing a show. I especially love fostering a love of music and theatre for youth.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I have a love for the arts, particularly when art represents community. I am a strong leader, with 2 years of experience as PTA president. I am familiar with the government and programs through Peak Academy and working with Ellison in the volunteer office.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

I would love to see a community theatre program that would include people of all ages, including youth and seniors.
I would like to work on bringing diverse artists and performances to Apex, especially those representing marginalized communities.
I would like to work on promotion and visibility for local Apex artists, especially at town events.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have been a volunteer with the PTA at Salem Elementary School for 5 years. The past 4 years I have been the cultural arts chair and book fair chair. The past 2 years I have also been the PTA president. Through the PTA, I worked with Ellison in the ToA volunteer office to create and implement a Senior Reading buddy program which pairs senior volunteers with students at Salem to read together. The program has been a huge success for our seniors, students, and teachers. Our senior volunteers have helped many students gain confidence in reading.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

None

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

No, I have not read the current scope of responsibilities assigned to my preferred board

Are you a Peak Academy Graduate?

Yes

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

2023

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my townhome

My age range is (please select one):

46 to 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Erin Schultz

Entry #: 776 **Status:** Reviewed **Submitted:** 9/5/2025 1:11 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Adesiyan Shoyoye

Pronouns

She/Her/Hers

Preferred First Name

Shiyan

Spouse/Partner Name (If applicable)

Michael Monsees

Phyiscal Address

586 Village Loop Drive, Apex, North Carolina 27502

Mailing Address

586 Village Loop Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Parks and Recreation Advisory Board (PRAB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Aetna, a CVS Health Company

Current Job Title

Program Manager, Medical Affairs

Employer Main Work Telephone Number

(919) 337-1800

Employer Onsite Office Location

Cary, North Carolina 27513

Please briefly describe your job function and core duties,

- Utilize agile-based methodologies to implement various Medical Affairs projects, increasing delivery speed and efficiency in programs with budgets of more than $1,000,000.
- Lead the Aetna Medicaid Population Health Management Program, ensuring comprehensive implementation and adherence to NCQA and AHRQ quality standards.
- Develop the Enterprise Maternity Pilot Program, including managing budget, planning, and execution in collaboration with premier universities.
- Create and maintain Aetna Medical Affairs' first centralized Full-Time Equivalent (FTE) QuickBase, streamlining tracking, department budgeting, and organization of department staff saving the enterprise $500,000+ a year through Labor Cost Savings through Process Automation
- Key accomplishment: Successfully launched the Enterprise Maternity Pilot Program in collaboration with premiere universities, resulting in a 20% improvement in patient engagement and a 15% reduction in program costs by leveraging innovative data-driven strategies and optimizing resource allocation.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am deeply motivated to serve on this board because community is more important than ever in a time when divisiveness is at an all-time high. I believe that by engaging our residents through meaningful programs, we can highlight what we share in common and strengthen our connections. As a Nigerian-American, cultural competency is a core value in my life, and I bring that perspective to ensure inclusivity and accessibility for all.

Professionally, I am a Program Manager with a proven record of process improvement, stakeholder engagement, and building collaborative programs. These skills directly translate to board service, where thoughtful planning, organization, and inclusivity are essential. Beyond my career, Apex has become a town I love and want to permanently call home. My drive to excel and my desire to raise a family here inspire me to contribute to building community programs and youth opportunities that enrich the lives of all residents.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Arts & Cultural Board:
1. I bring strong cultural competency and firsthand experience as a Nigerian-American, which will help ensure Apex's cultural programming reflects and celebrates our town's diversity.
2. My professional background in project management equips me to support efficient planning and delivery of cultural initiatives.
3. I am committed to youth enrichment, which can be expanded through cultural programming that connects young people to the arts and to one another.

Parks & Recreation:
1. Apex's parks are a defining feature of the town, and I want to help maintain and expand them to match our community's growth.
2. My project management expertise can support long-term planning and process improvement for programs and facilities.
3. I bring a commitment to accessibility, ensuring that recreational opportunities remain available and welcoming to all children and families.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

If appointed to my preferred board, I hope to:
1. Meet more members of the Apex community and build rapport across diverse groups.
2. Gain knowledge of what it takes to properly participate in a town board and apply my project management background to strengthen Apex's initiatives.
3. Contribute to the continued growth and beautification of Apex, ensuring that programs remain enriching, accessible, and reflective of community needs.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My most recent volunteer work was with the Interfaith Food Shuttle, where I helped till the land alongside a diverse group of volunteers. This experience reinforced for me the value of building community through service and reminded me of how much can be achieved when people from different walks of life come together. I would love to see more programs like this in Apex, where residents can connect while serving a shared purpose.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

While I have not yet served on a governmental board, I view this as a tremendous opportunity to contribute my skills and passion to my community. I am eager to learn and grow through service to Apex and believe my professional background and lived experiences position me to make a meaningful impact.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
CAAB	Broadnax	Jessica	New	CL	BOA, EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Famolare	Christy	New	CL	PRAB	**JKG**	**TM**	AZ	**EG**	**SR**	SM	**3**
CAAB	Harrien	Darryl	Reappoint	CL	PRAB	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Mohammad	Ishak	New	CL	BOA, EAB, MTAB, PB	JKG	TM	AZ	EG	SR	**SM**	**1**
CAAB	Premlata	Vaishnava	New	CL	BOA, EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Prendes	Amie	New	CL	N/A	**JKG**	TM	**AZ**	EG	SR	SM	**1**
CAAB	Schultz	Erin	New	CL	N/A	JKG	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Shoyoye	Adesiyan "Shiyan"	New	CL	PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Chappidi	Sathvika	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Corsetti	Julianna	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
CAAB-Youth	Jain	Nirjara	New	CL	MTAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Koshti	Ritu	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**1**
CAAB-Youth	Linson	Makyia	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Liu	Angela	New	CL	EAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Andrady	Alana	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Green	Alexis	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Linson	Makyia	New	CL	CAAB	JKG	TM	AZ	**EG**	SR	SM	**1**
EAB-Youth	Liu	Angela	New	CL	CAAB, PRAB	**JKG**	**TM**	AZ	EG	**SR**	**SM**	**3**
EAB-Youth	Pancras	Arni	New	CL	MTAB, PB, PRAB	JKG	TM	**AZ**	EG	SR	SM	**1**
EAB-Youth	Singareddy	Vishwacq	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Strobl	Graham	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Bacola	Robert	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Gerhard	William "Billy"	**Other**	CL	BOA, EAB, PB	JKG	**TM**	**AZ**	EG	SR	SM	**2**
MTAB	Gregus	Louis	New	CL	BOA, PB	**JKG**	TM	AZ	**EG**	SR	SM	**1**
MTAB	Jain	Nijara	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Lawrence	Kevin	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Meadows	John	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Poythress	Michael	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Pritchard	Ewan	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Rodgers	Martha	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Saket	Jain	**Other**	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Shealey	Christopher	New	CL	PB	JKG	TM	AZ	EG	**SR**	**SM**	**2**
MTAB	Waldorf	William	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Bang	Elizabeth	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Kadari	Samiksha	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
MTAB-Youth	Pancras	Arni	New	CL	EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Tadishetti	Ritika	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**

08/24/2026
Prepared by Town Clerk Allen Coleman

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
PRAB	Baber	Robert	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Broadnax	Jessica	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Croom	Jeremy	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Famolare	Christy	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB	McQuaig	Jessica	New	CL	EAB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Shoyoye	Adesiayn "Shiyan"	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Herbst	James "Jim"	New	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB-Senior	McClellan	Beverly	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Staiano	Adriana	New	CL	BOA, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB-Youth	Liu	Angela	New	CL	CAAB, EAB	JKG	TM	**AZ**	EG	SR	SM	**0**
PRAB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PB	**JKG**	**TM**	AZ	**EG**	**SR**	**SM**	**4**
PRAB-Youth	Rao	Adhvick	Reappoint	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Bang	Elizabeth	New	CL	EAB, MTAB	JKG	**TM**	AZ	EG	SR	SM	**1**
PB-Youth	Cook	Kaleb	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Dickerson	Maxwell "Max"	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**0**
PB-Youth	Jesperson	Nathan	New	CL	N/A	**JKG**	TM	**AZ**	**EG**	**SR**	**SM**	**4**
PB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Tadishetti	Ritika	New	CL	EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**

LEGEND	
	Nominations
Other	Currently Appointed to Another Board / Serving

08/24/2026
Prepared by Town Clerk Allen Coleman

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: REGULAR MEETING AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Upon voting by ballot as outlined in the Apex Town Council Rules of Procedures, appoint one (1) individual to serve in a Regular Member Position on the Multimodal Transportation Advisory Board (MTAB), for a partial term effective October 1, 2026, through July 31. 2027. This position was previously occupied by Wendy Perry.

Approval Recommended?

Mayor Jacques K. Gilbert has not provided a recommendation for this position as of the agenda publication. Long Range Planning Staff recommended Christopher Shealey given his bicycle advocacy/ridership demonstrated in his application.

Item Details

Mrs. Wendy Perry has submitted her resignation from the Town's Multimodal Transportation Advisory Board (MTAB), given the new meeting time of the Board moving from 4:00 p.m. to 4:45 p.m. and the Board's request to increase the meeting cadence to every-other month vs. once per quarter.

A total of **seventeen (17) applications** were received for appointment consideration, and they are (in alphabetical order by last name):

- **Bang, Elizabeth** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Bocola, Robert "Bob"**– Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Gerhard, William "Billy"**– Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Gregus, Louis "Lou"** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Jain, Nijara** – Corporate Limits Resident – Eligible for Voting Youth Representative Position

- **Kadari, Samiksha** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Lawrence, Kevin** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Meadows, John** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Mohammad, Ishak** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Pancras, Arni** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Poythress, Michael** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Pritchard, Ewan** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Rodgers, Martha "Molly"** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Saket, Jain** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Shealey, Christopher "Ryan"** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Tadishetti, Ritika** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Waldorf, William "Bob"** – Corporate Limits Resident – Eligible for Voting Over 18 Representative Position

The purpose of the Multimodal Transportation Advisory Board (MTAB) is to support and expand opportunities for biking, walking, and riding transit as a means of transportation in the Town of Apex. More specifically, the Multimodal Transportation Advisory Board (MTAB) has the following powers and duties:

- Advise the Mayor and Town Council regarding proposed local multimodal plans, policies, priorities, capital improvements, and transit service changes.
- Review regional transit plans, policies, capital improvements, and proposed service changes relevant to the Town of Apex and provide recommendations.
- Gather community input regarding the experience of biking, walking, and using transit in Apex and work to address identified needs.
- Raise community awareness about using multimodal transportation in Apex.

The Multimodal Transportation Advisory Board (MTAB) shall consist of nine (9) voting members, including one youth representative as defined by the Resident Advisory Board Administrative Policy. All members shall be recommended by the Mayor and appointed by the Town Council. Members shall be appointed for two-year (2) terms, except the voting youth representative which shall have a term of one-year

Attachments

- RA3-A1: Applicants at A Glance – Multimodal Transportation Advisory Board (MTAB) w-applications
- RA3-A2: Nomination Summary by Councilmember – Multiple Boards – As of August 25, 2026

MULTIMODAL TRANSPORTATION ADVISORY BOARD

APPLICANTS AT A GLANCE

Requested Action(s):

- Recommendation is needed to fill one (1) Regular Member position on the Multimodal Transportation Advisory Board (MTAB) for a partial term beginning October 1, 2026 through July 31, 2027. This position was previously occupied by Wendy Perry. The following candidates applied and are eligible for appointment. The candidates shaded in blue **are not** eligible for this position since they are youth applicants.

APPLICANTS AT A GLANCE – NEW APPLICANTS

Applicant(s)	Status	Resident Status	Notes
Bang, Elizabeth	NEW	Corporate Limits	Eligible for Voting-Youth Rep.
Bacola, Robert	NEW	Corporate Limits	Eligible for Appointment
Gerhard, William "Billy"	NEW	Corporate Limits	Eligible for Appointment
Gregus, Louis	NEW	Corporate Limits	Eligible for Appointment
Jain, Nirjara	NEW	Corporate Limits	Eligible for Appointment
Lawrence, Kevin	NEW	Corporate Limits	Eligible for Appointment
Meadows, John	NEW	Corporate Limits	Eligible for Appointment
Mohammad, Ishak	NEW	Corporate Limits	Eligible for Appointment

Continued on next page.

APPLICANTS AT A GLANCE – NEW APPLICANTS
CONTINUED

Applicant(s)	Status	Resident Status	Notes
Pancras, Arni	NEW	Corporate Limits	Appointed to Parks and Recreation Advisory Board on 9/22/2026
Poythress, Michael	NEW	Corporate Limits	Eligible for Appointment
Pritchard, Ewan	NEW	Corporate Limits	Eligible for Appointment
Rodgers, Martha	NEW	Corporate Limits	Eligible for Appointment
Saket, Jain	NEW	Corporate Limits	Eligible for Voting-Youth Rep.
Shealey, Christopher	NEW	Corporate Limits	Eligible for Appointment
Waldorf, William	NEW	Corporate Limits	Eligible for Appointment
Tadishetti, Ritika	NEW	Corporate Limits	Eligible for Voting-Youth Rep.

APPLICATIONS ELIGIBLE FOR APPOINTMENT
(As of May 2026)

The following applicants meet eligibility requirements for appointment consideration:

Applicant Name	Status	Residency
Bang, Elizabeth	NEW - Youth	Corporate Limits
Bacola, Robert	NEW	Corporate Limits
Gerhard, William "Billy"	NEW	Corporate Limits
Gregus, Louis	NEW	Corporate Limits
Jain, Nirjara	NEW	Corporate Limits
Lawrence, Kevin	NEW	Corporate Limits
Meadows, John	NEW	Corporate Limits
Mohammad, Ishak	NEW	Corporate Limits
Pancras, Arni	NEW - Youth	Corporate Limits
Poythress, Michael	NEW	Corporate Limits
Pritchard, Ewan	NEW	Corporate Limits
Rodgers, Martha	NEW	Corporate Limits
Saket, Jain	NEW	Corporate Limits
Shealey, Christopher	NEW	Corporate Limits
Waldorf, William	NEW	Corporate Limits
Tadishetti, Ritika	NEW - Youth	Corporate Limits

Entry #: 768 **Status:** Reviewed **Submitted:** 9/1/2025 6:25 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Elizabeth Y Bang

Pronouns
She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
3133 Beechcroft Lane, Apex, North Carolina 27502

Mailing Address
SAME, SAME, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27502

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in serving on this board because I know that Apex is continuously growing and I want to help contribute by representing ideas of the youth living in our community. As a student who is living in Apex for middle and high school, I have noticed how the town is developing, and I believe it is important for students to have an opinion in shaping our town's growth. Moreover, my experiences as a Key Club sophomore representative and a shift leader for the Apex Youth Council have helped me learn how to collaborate and advocate for others. These positions taught me how important it is to listen and understand others when working as a group while showing leadership. I have also gained experience in NJHS, Student Council, altar server, and as a teacher, helping to teach new students.

Being a student leader, my ideas will distinguish me from others on the board, representing many different perspectives of youth in my age. However, I also know that if voted as a board member, I have to listen to and amplify the ideas of others. My responsibility would be to collaborate, respect different opinions, and work toward solutions that reflect the needs of the entire community, not just my own.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Through my roles as a Key Club sophomore representative and a shift leader for the Apex Youth Council, I can bring leadership and service experience that directly benefits Apex. I've helped lead donation drives, volunteers, and town-related events. These experiences prepared me to contribute youth ideas while also being able to listen in many different environments. If chosen as a board member, I would be able to incorporate the town's decisions with our school and community's ideas.
2. Volunteering since middle school, I have had a consistent record of community service. I have participated in many volunteer clubs such as NJHS and Student Council in middle school, while being a member in Key Club and Apex Youth Council in high school. Furthermore, I have been in many organizations such as English Conversation Club and club soccer, so I know that communication and commitment are one of the most important skills while working together.
3. As a student, I have been recognized many times for academic and character achievement. I have received all A-Honor Roll since middle school, Outstanding Achievement Awards in multiple subjects, and Vision Awards both inside and outside of school. These qualities reflect on my character and confidently show that I can contribute thoughtfully and seriously to the board's discussions.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. As someone who has served in student organizations, I know many students often have ideas but aren't sure how to share them. I would work to create ways for youth to provide feedback to the board whether through surveys, focus groups, or collaboration with school clubs. This would also help to increase participation in more events and input from the town.
2. Being active in athletics, orchestra, and school events, I have seen and know how important safe spaces are for student growth. I would work to support planning and transportation projects that help make Apex more accessible for young people, and offer a safe environment for doing activities that both students and community members can enjoy.
3. As a Korean School teaching assistant and member of English Conversation Club, I've seen how sharing culture and language brings people together. The town already has amazing events that promote this, and I would further support and raise awareness for cultural events, performances, or awareness projects that would make Apex more inclusive and culturally diverse.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My most impactful recent volunteer work has been through Key Club and the Apex Youth Council. Through these organizations, I have been able to participate in many different events and activities, such as moving firewood in Warmth for Wake, or volunteering at food banks.
In the Apex Youth Council, where I serve as a shift leader, I've taken on responsibility for helping volunteers and assisting with service events that support the town. This has allowed me to contribute to Apex in a positive setting while learning how youth input matters in community planning.
In addition, I serve regularly as a church altar server, volunteer weekly as a Korean School teaching assistant, and have contributed to school events such as recycling and spirit weeks. Together, these experiences reflect my commitment to service and my dedication to helping Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

preparing events connected to the town. I also serve as the sophomore representative for Key Club, where I assist in coordinating projects that support the community since freshmen year. Previously, I have been in NJHS in middle school as well as the Student Council for 3 years.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Under 16

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Elizabeth Bang

Entry #: 764 **Status:** Reviewed **Submitted:** 8/28/2025 11:37 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Robert Bacola

Pronouns
He/Him/His

Preferred First Name
Bob

Spouse/Partner Name (If applicable)

Phyiscal Address
4004 New Yarmouth Way, Apex, North Carolina 27502

Mailing Address
4004 New Yarmouth Way, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Retired from John Deere in Cary

Current Job Title

NA

Employer Main Work Telephone Number

NA

Employer Onsite Office Location

Cary, North Carolina 27513

Please briefly describe your job function and core duties,

I was an IT Architect.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I have experience taking multimodal transportation and have an interest in making it better and more widely adopted. During a span of three years in the early 2010's I commuted from my home in Apex to my job at John Deere in the Weston area of Cary riding my bicycle partway and transferring to the GoTriangle 305 and GoCary buses. I still enjoy taking the 305 into Raleigh.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

My experience using multimodal transportation could be beneficial in making informed decisions on planning and improvements. I also have the desire to give back to the community.

I have posted on social media advocating the use of public transit. Here is a Facebook post I made to the Apex Community group in March 2025 advertising the expansion of the GoTriangle Route 305 to weekends:

https://www.facebook.com/groups/615260665324487/user/100057674796094

In case you don't have access to the group, I wrote: "Beginning this weekend the GoTriangle Route 305 bus which runs through Apex each hour and continues on to Raleigh has been expanded to run on Saturdays and Sundays. It previously ran on weekdays only. Many here may have never tried it but it's a good way to avoid driving and parking to get to downtown Raleigh and points in between such as Wake Med Cary, Crossroads, the State Fairgrounds and NC State. By using connections to other buses, you can also get to many other destinations in Raleigh, Durham, Chapel Hill etc. Fares are $2.50 per ride with a max of $5.00 per day. If you're 65 and over, it's free."

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

I would like to advocate multimodal transportation options, bring awareness to existing options and explore expansion and improvements.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Regrettably I don't have a lot of recent volunteer experience but I did assist in administering the Apex Elementary School website with my wife Teri while she was the media center assistant and webmaster there. I developed an application where students and parents could search for accelerated reader books from home.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not previously served on a governmental board in the past. Since becoming aware of this opening I have reviewed some of the MTAB meeting minutes and YouTube livestream videos and they have been very helpful in bringing me up to speed with the work of the board. I am very interested in becoming a member.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 780 **Status:** Submitted **Submitted:** 10/27/2025 10:07 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
William Gerhard

Pronouns
He/Him/His

Preferred First Name
Billy

Spouse/Partner Name (If applicable)
Alexa Waters

Phyiscal Address
2076 Toad Hollow Trl, Apex, North Carolina 27502

Mailing Address
SAME, SAME, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Three Ships

Current Job Title

Chief Technology Officer

Employer Main Work Telephone Number

7043157960

Employer Onsite Office Location

Raleigh, North Carolina 27605

Please briefly describe your job function and core duties,

As Chief Technology Officer at Three Ships, I lead the company's technology, data, and analytics strategy across a portfolio of digital marketing and consumer services businesses. My core duties include overseeing software development, data infrastructure, and AI initiatives that improve efficiency and decision-making. I work closely with business and operations leaders to design and implement technology solutions that drive growth, transparency, and better customer experiences.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Apex has been an incredible place for my family, and I'm eager to give back by contributing to the town's continued growth and success. I've built my career at the intersection of technology, data science, and organizational leadership, and I believe those skills can add real value to the board's work.

As the Chief Technology Officer of a North Carolina–based company, I lead cross-functional teams that design and implement data systems used to make complex decisions more transparent and efficient. My work often involves translating technical insights into practical, people-centered policies -- an approach I believe mirrors the kind of thoughtful governance that helps a town like Apex thrive.

I'm particularly passionate about using data and technology to improve service delivery, enhance transparency, and support long-term planning grounded in evidence rather than opinion. I see public service as an opportunity to apply that same analytical rigor and collaborative spirit in a way that benefits the community I call home.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Data-Driven Decision Making:
I bring extensive experience using analytics and technology to inform strategic decisions. I can help the Town use data more effectively to evaluate policies, optimize resource allocation, and measure outcomes—ensuring decisions are transparent, evidence-based, and grounded in long-term impact.

Technical and Operational Expertise:
As a Chief Technology Officer leading interdisciplinary teams across software, data science, and process design, I have firsthand experience managing complex systems and translating technical insights into practical action. I can contribute to modernizing how the Town approaches digital transformation, cybersecurity, and citizen services.

Collaborative and Community-Oriented Leadership:
My professional success has depended on building cross-functional alignment among people with diverse perspectives. I value respectful debate, clear communication, and finding common ground—skills that are essential for effective public service. My goal is to apply that same collaborative mindset to help Apex grow in a way that balances innovation with preserving the character that makes it special.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Use Data to Strengthen Decision-Making and Transparency:
I would like to help the Town of Apex make more informed decisions by using data and technology to track performance, measure impact, and communicate outcomes clearly to residents. By establishing simple, transparent dashboards or periodic reporting frameworks, we can ensure that policy and resource decisions are grounded in evidence and understood by the community.

Promote Smart, Sustainable Growth:
Apex is growing rapidly, and I want to support initiatives that balance development with livability -- focusing on traffic management, infrastructure planning, and maintaining the town's unique character. My goal would be to help apply analytical tools and scenario modeling to anticipate long-term needs and ensure our growth remains responsible and financially sound.

Advance Digital Efficiency and Citizen Engagement:
I would like to help modernize how the Town communicates and delivers services -- making it easier for residents to access information, provide feedback, and engage with local government. Drawing from my background in building digital systems and automation tools, I'd focus on practical ways to streamline internal workflows and improve the resident experience.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

While I haven't recently volunteered within the Town of Apex, I've long believed in the importance of community-driven service. During my undergraduate studies, I volunteered for hundreds of hours to establish the first water quality monitoring program in the Galápagos Islands. That initiative -- still active more than a decade later -- provides ongoing testing to ensure clean drinking water for both residents and visitors. The experience taught me how data, collaboration, and local partnerships can create sustainable, real-world impact, and it continues to shape how I think about community problem-solving and long-term stewardship here in Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

NA

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 804 **Status:** Submitted **Submitted:** 3/15/2026 8:16 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Louis J Gregus

Pronouns

Preferred First Name

Lou

Spouse/Partner Name (If applicable)

Teresa E Gregus

Phyiscal Address

2107 Abby Knoll Drive, APEX, North Carolina 27502-4307

Mailing Address

2107 Abby Knoll Drive, APEX, North Carolina 27502-4307

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Friend / Neighbor, Facebook, Instagram, Town Employee / Elected Official, Town Email, Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Retired

Current Job Title

Retired

Employer Main Work Telephone Number

9196676744

Employer Onsite Office Location

APEX, North Carolina 27502-4307

Please briefly describe your job function and core duties,

Recently retired after a 17-year career with Fidelity Investments Corporate Real Estate Group, where I functioned as the Global Lead for Project Design and Delivery, Global Lead for Facilities and Operations and the Global Lead for Engineering, Energy and Data Centers (at separate times). In these roles I was responsible for to deliver, maintain and operate the 10 million+ square feet of commercial office, retail and data center spaces that Fidelity used to support its business functions in the US and abroad. Prior to that I served for 20 years the US Navy as a Surface Warfare Officer (specialist in ships, as opposed to submarines or aviation) rising to the rank of Commander before retirement. In various ships and shore stations I was responsible for the ship's tactical missions - including maintaining the ships; training the Sailors, and equipping it with the necessary supplies to deploy around the globe. I completed my time in uniform as the Commanding Officer of Navy Recruiting District Carolinas, where I was responsible for attraction and accessing active and reserve officers and enlisted sailors in all of NC and SC.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I served on Apex Board of Adjustments for three terms from 2008-2017, until I became term limited. I served as Fidelity Investments' representative to the RTP Foundation's Owners and Tenants Committee and was active in the RTP 3.0 Working Group, where we developed a new charter for RTP to ensure it would remain an attractive place for future business to locate and grow.
My work in corporate real estate and the BoA has give me a strong understanding of the work involved to balance competing constituent needs and desires in a growing municipality. My service in my church and the American Legion has helped me see the diversity of requirements across the population base.
Since I have lived in Apex for a long time, and worked in and around real estate and development, I have been able to see the ways our town has grown - intended and otherwise. I've watched our town grow - slowly in the early years because of infrastructure constraints, and then as one of the most rapidly growing towns in the country. I understand fully why Money Magazine has named us one of the "Best Places to Live in the US," more than once.
I want to use that experience to help shape our future. Foundation
My work in corporate real estate and the BoA has give me a strong understanding of the work involved to balance competing constituent needs and desires in a growing municipality. My service in my church and the American Legion has helped me see the diversity of requirements across the population base.
Since I have lived in Apex for a long time, and worked in and around real estate and development, I have been able to see the ways our town has grown - intended and otherwise. I've watched our town grow - slowly in the early years because of infrastructure constraints, and then as one of the most rapidly growing towns in the country. I understand fully why Money Magazine has named us one of the "Best Places to Live in the US," more than once.
I want to use that experience to help shape our future.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Experience: I have a long tenure with the Apex Board of Adjustments and meaningful volunteer service with the RTP Foundation, volunteer with Apex civic organizations and have lived here for decades - I will bring a tenured and balanced perspective to the role.
Commitment: As I mentioned, I am deeply proud of my town and its unique place in the Triangle. If given the opportunity to serve again, I will approach the role with the same strong work ethic and focus that made me successful in military service and my corporate vocation.
Wisdom: Shaped by my experiences, I understand that there are few issues that are truly cut-and-dried. Municipal decision have consequences and ramifications that will often determine winners and losers. And I understand that decisions are not isolated - they are based on prior actions and will have effects on future initiatives. Effective understanding of the text, the subtext and the context are vital for the best decisions to be made at the time necessary.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Planning Board, Board of Adjustments and Transportation Committee: I do not have any platform agenda that I am seeking to steward - This is not the reason I am applying to serve. But if I am able to serve, I hope I can help to shape the major areas of growth for our Town: The Veridia project and NC Children's Hospital developments, Residential and commercial/retail development in the western portions of Apex - towards New Hill and Jordan Lake, and the development within the historic town center. I hope that our growth can provide residences such that everyone who works in Apex can also call it home.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Served on Apex Board of Adjustments (2008-2017). Served on RTP Foundation's RTP 3.0 Covenants Working Group (2004-2005) Member of Apex American Legion Post #124. Helped organize and execute Apex Octoberfest 2024 and 2025.
Have and continue to serve my local church in a variety of capacities: Youth leader, small group leader, facilities coordinator, short term mission leader (led four separate teams to visit missionaries in central America . Coordinated our involvement with Habitat for Humanity neighborhood builds in Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Apex Board of Adjustments - 9 years 2008-2017
RTP Foundation Owners and Tenants Association. RTP 3.0 Covenants Working Group 2024-2025.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Louis J Gregus

Entry #: 831 **Status:** Submitted **Submitted:** 5/30/2026 12:00 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Nirjara Jain

Pronouns

She/Her/Hers

Preferred First Name

Nirjara

Spouse/Partner Name (If applicable)

Phyiscal Address

1730 Pershore Drive, Apex, North Carolina 27502

Mailing Address

1730 Pershore Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27502

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

As a student, I have written about my passion in public transportation so much that every teacher I have can individually point it out. Multimodal transportation is an active part of my everyday lifestyle, and I aspire to implement a variety of transportation styles for the community I grew up in. Serving on the Multimodal Transportation Advisory Board would let me learn more about multimodal transportation and municipal policy – and it would let me do something I have genuinely always been interested in: continually improving access to all different kinds of transportation.

Through another perspective, music has been running through my veins for generations. In college, I want to study anthropology and partake in musical ensembles. The Arts and Culture board feels like a natural choice for me; living in arts throughout my life has given me a deep respect and care for the kind of rigor that art takes, and I love immersing myself in and analyzing culture. Serving on this board would allow me to put my artistic experience and cultural passion into practice in a way I've never done before: by giving my knowledge to the Town of Apex to improve our lifestyle.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Being on either the Multimodal Transportation Advisory Board or Arts and Culture Board I would need to be fact-based. I have learned through school leadership that it is important to have any decision-making group understand the opinions of the diverse groups of our community. I have experience with public speaking and information synthesis through activities like Model UN and Speech and Debate. With these experiences, I would be able to use my skills to contribute to keeping the group well-organized, and I would make sure that all of my opinions are fact-based.

Working with arts and culture organizations, as well as being in touch with all sorts of people with different access to transportation, I hear from a diverse range of opinions, allowing me to convey the impressions of a particular action on a wide group of people. This would let the multimodal transportation board or the arts and culture board learn from sentiments they don't always necessarily hear.

I am genuinely passionate about both multimodal transportation and arts and culture, and I have done years of both formal and informal research on both of these subjects. As such, I would be able to serve the town by using my care for and knowledge of these topics, combined in such a way that would lead to me being vocal about causes that would be beneficial to the Town of Apex.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Multimodal Transportation Advisory Board:

Make knowledge of multimodal transportation widespread through effective advertisement in targeted places to reach specific populations (e.g. putting informational flyers about bus routes in Apex in businesses in Downtown Apex or in popular gathering places)

Have pedestrian and biking transportation be safer around Apex schools, especially by having increased walkways and school zone lights around schools like Apex Elementary and Apex Friendship High School.

Organize a well-known walk-to-school/bike-to-school day to encourage greater knowledge of different walking and biking routes for kids to take to school.

Arts & Culture Advisory Board:

Having more town-organized events for multicultural appreciation, allowing for a better sense of community and inclusion with everyone in Apex as well as greater appreciation for arts overall.

Giving more highlight to the student arts in Apex schools, whether that be performing or visual arts, especially through featured performances and advertisement. Apex's arts departments are some of the best in the state, and highlighting these achievements would solidify Apex's position as the cultural and artistic center for many students that it is.

Popularizing historic part of Apex like Downtown by continuing to add historic signs and information throughout the city, and actively advertising that historic significance in new ways. This would let the true long-standing nature of Apex shine through.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Volunteering with the Mental Health Task Force in Apex has led to a greater awareness of mental health in the Town of Apex. As well as this, on May 29th, the first Behavioral Health Community Workshop was hosted, with a variety of organization and ideas contributed from all members in the Mental Health Task Force. Taking part in this task force has led me to think about the intersection of mental health and government, and when I attend meetings, I'm able to vocalize my learnings, which have helped the task force meet our end goals.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Town of Apex Mental Health Task Force

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

N/A

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

N/A

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 757 **Status:** Reviewed **Submitted:** 8/22/2025 11:45 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Lawrence T Kevin

Pronouns

He/Him/His

Preferred First Name

Lawrence

Spouse/Partner Name (If applicable)

Phyiscal Address

1628 Salem Village Dr, Apex, North Carolina 27502

Mailing Address

1628 Salem Village Dr, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Meeting in person

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Prefer not to say

Current Employer

Pixel Maestro LLC

Current Job Title

Founder

Employer Main Work Telephone Number

9199990390

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

Analog assets to digital transformation. Digital assets repurposed for research, marketing, digital intellectual property management and marketing and communication. NC Public Notary

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

A background in design that emphasized solving business problems of all sizes. Heavy user of public transportation in multiple counties in San Francisco bay area. AC Transit, BART, VTA, Caltrain, Amtrak Capitol Corridor. Esiimate is several hundreds of thousands of miles on public transit. Also have familiarity with disruptive technologies that can change planned development roadmaps dramatically. Graduate of Apex Peak Academy, Salem Village HOA board member, St Mary Magdalene EDGE leader, Apex Friendship Chorus Board member, Apex Middle School BAMCAT Board member.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Knowlege of public transit systems, experience working at Gillig Corporation (bus manufacturer) Assenbly and Engineering Department. Disruptive Technologies (Self Driving Vehicles). Associated Computer Machinery ACM SIGGRAPH Pioneer (SIGGRAPH) is where NVDIA announced, and announces technology break throughs. Familiar with planning and zoning protocols. Worked at Ruckus Wireless that provides foundation equipment and software for Smart Cities.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Research and planning for disruptive transporation technology. Researching and Planning for Smart Cities (traffic and transportation). Stewardship of available funds and grants. Funds allocated to Apex from Wake County Transportation sales tax.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Apex Middle School BAMCAT board. (Chorus/Drama) webmanager, fundraising. The EDGE is a dynamic youth faith formation program open to teens in middle school, grades 7-8. Apex Friendship High Chorus Booster Board, Salem Village HOA Board.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Salem Village HOA < 1 year 2025-Present

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

Yes

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

2023

Have you attended two (2) or more advisory board meetings within the last 12 months?

Yes, I have attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

Yes

If you selected yes, please provide additional details below. If not, please indicate NA.

Non commercial visualization of town of apex development projects. Openmaps author.

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 763 **Status:** Reviewed **Submitted:** 8/26/2025 12:20 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
John M Meadows

Pronouns
He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)
Allison Meadows

Phyiscal Address
1105 Elbury Drive, Apex, North Carolina 27502

Mailing Address
1105 Elbury Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official, Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Salomon / Amer Sports

Current Job Title

US Business Sales Director, Performance

Employer Main Work Telephone Number

N/A

Employer Onsite Office Location

Ogden, Utah 84401

Please briefly describe your job function and core duties,

I work in strategic brand and market development for a global outdoor sports company, with a focus on running and outdoor active lifestyles. I am the head of the US sales team and develop the go-to-market strategies that connect products with consumers and communities. I identify ways to recruit and engage new audiences with a strong focus on accessibility. I partner with diverse teams across marketing, sales, and product development to align goals and deliver outcomes.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

As a citizen of Apex, I want to contribute to building a community where transportation is safe, sustainable, and accessible for everyone. My lived experience as a runner, cyclist, and outdoor enthusiast gives me a firsthand understanding of the importance of multimodal networks that connect people to their neighborhoods, schools, workplaces, and green spaces. I bring both professional expertise and community service experience to this role. I have served in nonprofit capacities, including as a Board Member for Runners for Public Lands. I supported initiatives that connected people to outdoor spaces in equitable and sustainable ways. I have also volunteered with Big Brother Big Sisters, which reinforced in me the importance of creating safe, accessible environments for all ages and backgrounds. I am an advocate for people spending more time outside and in the outdoors. Not just for recreation but as a way to strengthen community, health, and environmental stewardship. I have also spent a lot of time picking up trash and recycling in town and volunteered with the Great Raleigh Cleanup.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Firsthand experience with active transportation.
Professional skills in strategic planning and collaboration.
Commitment to community and sustainability.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Expanding and improving active transportation networks.
Promote safe and sustainable mobility options.
Strengthen community engagement and equity in planning.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

The nonprofits that I previously worked with were not specific to Apex. They're national organizations and I was not specifically working on them in Apex. However, my cleanup efforts have had tremendous impact on the town of Apex. I hypothesis that I have collected thousands of pounds of trash and diverted significant amounts of recycling over the course of the last few years.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

None.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

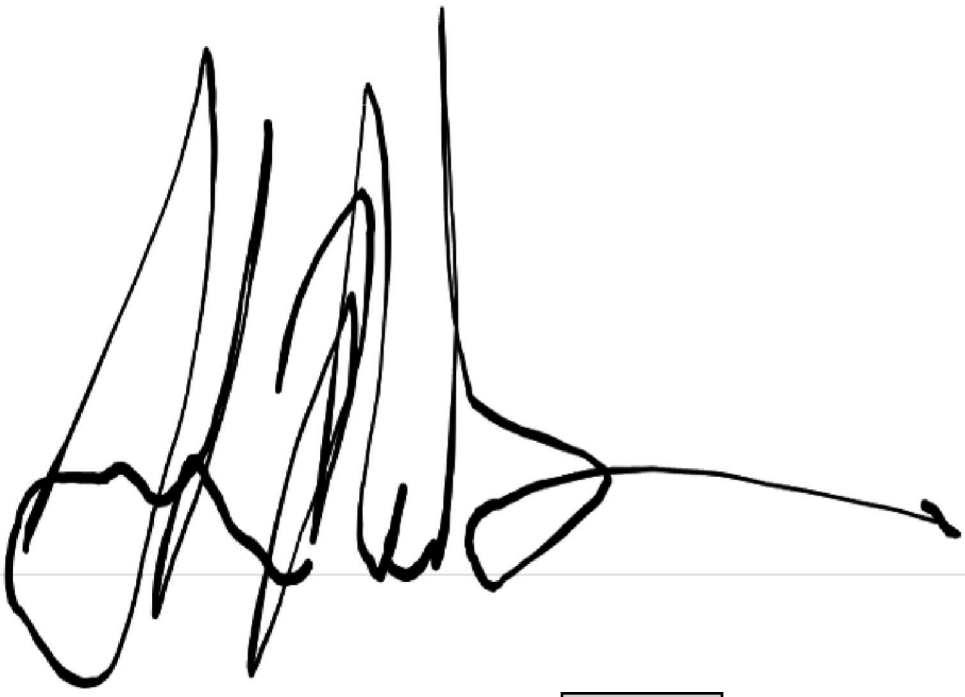
NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 813 **Status:** Submitted **Submitted:** 5/20/2026 12:53 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ishak Mohammad

Pronouns
He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
3413 Dropseed Dr, Apex, North Carolina 27502

Mailing Address
3413 Dropseed Dr, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Private Inc

Current Job Title

Software Solutions Architect

Employer Main Work Telephone Number

3108958691

Employer Onsite Office Location

Durham, North Carolina 27703

Please briefly describe your job function and core duties,

As a Software Architect, my primary function is to serve as a trusted advisor, providing clarity in ambiguity by designing effective and fit-for-purpose software solutions while ensuring strong governance. My core duties include:

Problem Analysis: Identifying and understanding the specific challenges faced by clients or users to develop tailored solutions.
Solution Design: Creating architectural designs that align with business objectives and technical requirements.
Collaboration: Working closely with customers and stakeholders to ensure their needs are understood and addressed through effective software solutions.
Technical Leadership: Guiding development teams in implementing best practices and adhering to architectural standards.
Governance Oversight: Establishing and enforcing architectural guidelines and policies to ensure compliance, security, and quality throughout the development process.
Continuous Improvement: Evaluating existing systems and processes to recommend enhancements and ensure optimal performance.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Living in Raleigh, Durham Area since 2015.
Qualifications: MBA from NC university and Computer-science college degree with 20 years of experience.
Profession: Enterprise/Solutions Architect
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

My interest in serving on the Apex advisory board stems from a deep commitment to community development, supported by my MBA and Computer Science degree, along with 20 years of professional experience, particularly as a Software Architect. In this role, I have honed my skills in system design, technical leadership, and collaborative problem-solving.

As the Architecture Chairman and Vice President of my HOA from 2023 to 2026, I gained valuable leadership and collaboration skills, while my role as Vice President of Public Relations for Toastmasters has enhanced my communication abilities.

Additionally, my extensive volunteer work with various non-profits demonstrates my dedication to serving others and understanding community needs. My unique blend of technical expertise, managerial experience, and passion for community engagement positions me well to advocate for initiatives that benefit all residents of Apex.

Through my architectural experience, I can leverage analytical thinking and a structured approach to decision-making, which will be invaluable in addressing community challenges and promoting sustainable development.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Reason 1: Diverse Experience and Insights
My background in Governance and Architecture equips me with valuable insights and perspectives that can inform the board's decision-making process. I can bring a fresh viewpoint on community issues, utilizing best practices from other contexts to enhance initiatives. This diversity in experience can foster innovative solutions and create well-rounded policies that benefit all residents.

Reason 2: Strong Community Connections
Living in Raleigh, Durham area since 2015. I have established relationships with various community groups, local organizations, and residents, which can facilitate collaboration and engagement. By leveraging these connections, I can ensure that the advisory board remains in touch with the needs and interests of the community. This can lead to increased participation in board initiatives and stronger support for decisions made.

Reason 3: Commitment to Community and Effective Advocacy
My dedication to serving the Town of Apex is unwavering, and I am passionate about advocating for the best interests of our residents. I will work diligently to represent community voices and amplify concerns that might otherwise go unheard. My proactive approach can help the board effectively address community needs, fostering a sense of trust and collaboration between residents and local governance.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

To Keep Apex at Its Peak
Goal 1: Enhance Community Engagement
Develop initiatives to increase participation in local governance, such as town hall meetings and online feedback platforms, ensuring diverse voices are heard.

Goal 2: Improve Local Economic Opportunities
Support local economic development by fostering partnerships with small businesses, advocating for job training, and promoting Apex as an attractive destination for new businesses.

Goal 3: Foster Inclusivity and Diversity
Create programs celebrating diversity, organize cultural events, and establish support networks for underrepresented groups, strengthening community ties.

Goal 4: Improve Infrastructure and Transportation
Prioritize enhancements in transportation, advocate for better public transit, and upgrade community facilities to meet residents' needs and promote economic growth.

Goal 5: Support Education and Youth Programs
Strengthen educational opportunities for youth by collaborating with local schools, promoting mentorship programs, and increasing funding for resources, empowering the next generation.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I'm new to Apex but I have rich previous volunteer experience with several non-profits. Some of them are
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Served as HOA Architecture Chairman and Vice President 2023 to 2026. I was responsible for chairing meetings, making decisions and reviewing 200+ Architecture requests and rendering decision. Also, contributed in beautification projects and safety committees.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 832 **Status:** Reviewed **Submitted:** 5/30/2026 10:40 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

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Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Arni Pancras

Pronouns
She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
604 Pointe Grove Ln, Apex, North Carolina 27523

Mailing Address
604 Pointe Grove Ln, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB), Parks and Recreation Advisory Board (PRAB)

How did you hear about this opportunity to serve?

Friend / Neighbor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

High School Diploma or GED

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

2200 Hillsborough St, Raleigh, NC 27607, North Carolina 27607

Please briefly describe your job function and core duties,

Currently in 3rd year of College at NCSU studying environmental engineering

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am applying to serve on the Multimodal Transportation Advisory Board, Planning Board, Environmental Advisory Board, and Parks and Recreation Advisory Board because each connects strongly with my background in engineering, infrastructure, sustainability, public service, and community development. I am especially interested in helping Apex grow in a way that is thoughtful, connected, environmentally responsible, and beneficial to residents of all ages. As an environmental engineering student at NC State, I have developed a strong foundation in water quality, wastewater systems, sustainability, and infrastructure planning. I was also selected as a 2025 Undergraduate Engineering Scholar by the ASHE Carolina Triangle Section, which connects directly to transportation and infrastructure and strengthened my interest in how communities plan safe, efficient, and accessible transportation systems.

My experience also matches the responsibilities of the other boards I am applying for. Through my research assistant role at NC State, I collect and process water samples to support freshwater contamination research, which connects to environmental protection and public health. As a summer research intern at UNC Charlotte, I studied water conservation, wastewater management, stormwater/wastewater best practices, stakeholder perspectives, equity, cost, and implementation challenges, which connects to planning, environmental sustainability, and responsible growth. My experience with the U.S. EPA gave me additional exposure to research, lab procedures, quality control, and environmental science. I also bring community leadership experience from Wake County 4-H Teen Council, where I served as Vice President and Secretary, helped coordinate county-wide events, and supported youth programs. In addition, my YMCA experience working with children and families connects to parks, recreation, and community programming. These experiences allow me to bring a technical, service-oriented, and younger resident perspective to Apex's advisory boards.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

First, my academic and research background in environmental/civil engineering would allow me to contribute a strong sustainability-focused perspective. I have experience with water quality research, wastewater management, water conservation, and environmental best practices, which aligns well with Apex's goals around responsible growth and environmental stewardship.

Second, I would bring a younger resident's perspective to town decision-making. Apex is growing quickly, and decisions about transportation, parks, land use, and environmental protection will affect younger residents for decades. I can help represent the perspective of students, young adults, and future professionals who want Apex to remain livable, connected, and environmentally responsible.

Third, I have experience working with both technical and non-technical groups. Through research, 4-H leadership, the YMCA, and a couple more public-facing jobs, I have learned how to communicate clearly, listen to community needs, and work collaboratively. I believe this would help me contribute respectfully and effectively in meetings, discussions, and recommendations.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

My first goal would be to support environmentally responsible growth in Apex. As the town continues to develop, I would like to help encourage decisions that protect water quality, preserve green space, reduce environmental impacts, and promote sustainable infrastructure.

My second goal would be to improve community awareness and engagement, especially among younger residents. I would like to help make environmental, transportation, planning, and parks-related discussions more accessible so residents understand how town decisions affect their daily lives.

My third goal would be to support a more connected and resilient Apex. This includes encouraging safe walking and biking options, thoughtful park and greenway planning, and development decisions that balance growth with environmental protection and quality of life.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

One of my most meaningful volunteer experiences has been my involvement with Wake County 4-H Teen Council, where I served as Vice President from 2023 to 2024 and Secretary from 2022 to 2023. In these roles, I helped coordinate events, support youth programs, take and distribute meeting minutes, and participate in community-centered activities such as the NC State Fair, mental health walks, STEAM camps, and council meetings.

This positively contributed to the Wake County (including Apex) community by supporting youth leadership, education, service, and civic engagement. It helped create opportunities for younger students to learn, participate in community events, and build confidence. It also helped me grow as a leader and taught me the importance of organized, responsible service to the community.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not previously served on a formal Town of Apex governmental board. However, I served in leadership roles with Wake County 4-H Teen Council for several years as a member, and then as Secretary from 2022 to 2023 and Vice President from 2023 to 2024. Through this experience, I participated in organized meetings, helped coordinate county-wide events, supported youth programming, and developed skills in leadership, communication, public service, and collaboration.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

18 to 29

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 760 **Status:** Reviewed **Submitted:** 8/22/2025 2:22 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Michael B Poythress

Pronouns

Preferred First Name

Brandon

Spouse/Partner Name (If applicable)

Andreina Rodriguez Poythress

Phyiscal Address

2705 Richardson Road, Apex, North Carolina 27502

Mailing Address

2705 Richardson Road, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Zebra Recovery, LLC

Current Job Title

CEO

Employer Main Work Telephone Number

9197527111

Employer Onsite Office Location

Sanford, North Carolina 27330

Please briefly describe your job function and core duties,

As CEO of Zebra Recovery, I lead a North Carolina–based company that provides housing, logistics, and support services during disaster response and recovery. My responsibilities include setting strategic direction, managing large-scale projects, and coordinating the safe movement of people, vehicles, and equipment under challenging conditions. I work closely with government agencies, utilities, and community partners to ensure projects are completed efficiently, safely, and with lasting positive impact. A large part of my role is problem-solving, planning for complex operations, and building strong relationships with both clients and local communities. This combination of leadership, logistics expertise, and community engagement gives me valuable perspective on how infrastructure and transportation decisions affect families, workers, and neighborhoods.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in serving on the Apex Multimodal Transportation Committee because I believe safe, efficient, and inclusive transportation is foundational to the long-term growth and livability of our community. As both a resident and a business owner, I have seen firsthand how infrastructure decisions impact families, workers, and local businesses.

Professionally, I bring more than a decade of experience in logistics, planning, and project management. My work often involves coordinating the movement of people, vehicles, and equipment under challenging conditions, which has given me a strong appreciation for how transportation networks must balance safety, reliability, and accessibility. I also have direct experience in site planning and evaluating how traffic flow, pedestrian access, and parking interact in both urban and suburban settings.

As a parent raising children here in Apex, I am personally invested in ensuring that transportation options are safe and accessible for all residents — from walking and biking routes for students, to road safety for families, to long-term planning that supports sustainable growth.

I believe my combination of lived experience, professional background in logistics and infrastructure, and commitment to our community would allow me to make a meaningful contribution to the Committee's work.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Practical Logistics and Infrastructure Experience – My work leading disaster recovery and large-scale logistics operations has given me strong skills in planning the safe and efficient movement of people, vehicles, and equipment. I can bring this real-world perspective to evaluating and improving Apex's multimodal transportation strategies.

Commitment to Community and Safety – As a parent and Apex resident, I am personally invested in ensuring that transportation options are safe, accessible, and family-friendly, whether for children walking or biking to school, commuters on local roads, or seniors needing reliable transit.

Strategic Planning and Partnership Building – As CEO, I routinely collaborate with public agencies, utilities, and private partners to deliver complex projects. I can use those skills to help Apex strengthen its transportation planning, foster partnerships, and ensure decisions are made with both immediate needs and long-term growth in mind.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Improve Safety and Accessibility – Advocate for safer walking and biking routes, especially around schools and neighborhoods, to ensure children and families can move safely throughout Apex.

Support Balanced Growth – Help plan transportation options that keep pace with the Town's growth, ensuring roadways, sidewalks, and transit are designed to reduce congestion and improve connectivity.

Promote Multimodal Solutions – Encourage a mix of transportation choices, including pedestrian, bicycle, public transit, and vehicle options, to make Apex more connected, sustainable, and resilient for the future.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I currently volunteer at my local church and as a company we contribute to communities in North Carolina routinely.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I do not have experience on other governmental boards. I think I would bring a fresh, truly representative point of view to the board with a vested interest in the progression of Apex as a town/community.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 761 **Status:** Reviewed **Submitted:** 8/22/2025 5:24 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ewan Pritchard

Pronouns
He/Him/His

Preferred First Name
Ewan

Spouse/Partner Name (If applicable)
Crystal Pritchard

Phyiscal Address
323 N Salem St, Apex, North Carolina 27502

Mailing Address
323 N Salem St, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

CLEAResult Energetics

Current Job Title

Chief Subject Matter Expert, Electric Transportation

Employer Main Work Telephone Number

1(410)290-0370

Employer Onsite Office Location

Columbia, Maryland 21046

Please briefly describe your job function and core duties,

I am a Mechanical Engineer with a PhD. I consult with organizations internationally on vehicle electrification and evaluation of vehicle electrification plans. I work closely with the Department of Energy, National Labs, Electric Utility and major municipalities to develop plans and evaluate the environmental, societal, and financial performance of these systems.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I live on Salem Street and am verry active in the community and have lived in downtown since 1999 and in Apex ETJ since 1985 as a youth with my parents when we moved from Cary. I have served on the Public Art Committee for years, but felt it was time to switch things up and get some new energy on the committee so I stepped down. I am very interested in our greenways and how they interact with each other along with roadway designs and our relationship with the state DOT both with traffic flow and with pedestrian crossings. I have strong interest in the rail line running through town and believe it can play a strong role in our sustainable growth.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I have expertise in all modes of transportation as well as a practical knowledge of how to accomplish realistic goals.
2. I have significant networking abilities on a regional, state, and federal scale and can likely help the town achieve realistic non-partisan goals through networking.
3. I am volunteering my time because as a resident, I care about Apex. I have both tenure and expertise to play a role in finding creative solutions to difficult challenges.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Prioritize working with NC DOT to integrate pedestrian throughways under/over major roadway projects (55, US64, US1).
2. Work with the town to evaluate and assemble various data streams to help prioritize and inform stakeholders of the challenges and opportunities of various approaches.
3. Ensure Apex has a multimodal pathway to allow all citizens to easily travel to and from desired destinations for productive means rather than just for recreation. As an example, downtown has a perceived parking problem, but it is equally likely that citizens only feel they can get to downtown in a personal vehicle. I would like to observe the various means people can get into and out of downtown - especially focusing on a tunnel under 55 during the upcoming expansion between the Town Municipal Services Center and Apex Jaycee Park.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I served on the Apex Public Art Committee for nearly six years. In that time I played various roles in making the Sculpture walk successful, including managing all of the community input. I have served in numerous volunteer leadership positions in my 25+ year professional tenure and in all of those positions I have served collaboratively, thoughtfully, and practically. I believe I will be a valuable asset to the board.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have served on the board of NC GreenPower for nearly 10 years and as the Vice Chair for nearly three - this is a position appointed by the NC Utilities Commission. I have served on the Apex Public Art Committee for nearly six.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Ewan Pritchard

Entry #: 759 **Status:** Reviewed **Submitted:** 8/22/2025 1:04 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Martha L Rodgers

Pronouns
She/Her/Hers

Preferred First Name
Molly

Spouse/Partner Name (If applicable)

Phyiscal Address
1009 Oakgate Ct, Apex, North Carolina 27502

Mailing Address
Same, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Retired

Current Job Title

Retired

Employer Main Work Telephone Number

Na

Employer Onsite Office Location

NA, North Carolina 27502

Please briefly describe your job function and core duties,

I was the Director of Human Resources and Administration for the NC Housing Finance Agency.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am a strong advocate for my community. Apex is a great place to live and I want it to keep being a great place. Traffic is getting worse every day, so whatever we can do to help ease it and to help people get around town easier, would be wonderful.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I walk around town frequently. We need to make sure we stay walkable.
2. Biking is a great means of transportation so we need to encourage it with safe ways to bike.
3. I enjoy riding the Apex bus and hope to increase its use through the community.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Whatever we can do to get some cars off the road, to encourage walkable Apex, to increase bus ridership, and to safely encourage biking.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I was on the Town of Apex Affordable Housing Advisory Board and prior to that was on the Affordable Housing development group. I think together we made some great strides and now have Town employees dedicated to advancing affordable housing.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

In addition to the above, I was twice elected to Fredonia, NY School Board.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Martha Rodgers

Entry #: 762 **Status:** Reviewed **Submitted:** 8/25/2025 1:05 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Saket Jain

Pronouns

He/Him/His

Preferred First Name

Saket

Spouse/Partner Name (If applicable)

Phyiscal Address

1979 Custom Lane, Apex, North Carolina 27502

Mailing Address

11010 Lake Grove Blvd, STE 100-186, Morrisville, North Carolina 27560

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB)

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Self Employed

Current Job Title

CEO and Founder

Employer Main Work Telephone Number

703-380-2020

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

I am the Founding Partner of Scalpel Ventures, a venture capital firm that invests in early-stage healthcare and musculoskeletal innovation. My core duties include evaluating investment opportunities, advising portfolio companies on strategy and operations, and working with industry experts to help bring medical technologies to market. In addition, I lead business development, manage investor relations, and guide overall fund strategy. My role requires balancing long-term vision with practical execution, skills I believe are transferable to civic service and community planning.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am deeply interested in serving on the Multimodal Transportation Advisory Board because I believe safe, accessible, and sustainable transportation options are foundational to the health and vitality of a community. As both a business leader and a parent of a school-aged child, I have a personal stake in ensuring that Apex continues to grow as a town where families can confidently walk, bike, and use transit.

My professional background has trained me to analyze complex systems, anticipate future needs, and bring stakeholders together to solve problems. I would bring this systems-level perspective to the board. Additionally, I have lived experience as a parent navigating daily commutes, school drop-offs, and community activities — experiences that reinforce the importance of safe sidewalks, connected bike lanes, and reliable transit.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Strategic Planning Expertise – My work in venture capital and business coaching has given me extensive experience in evaluating priorities, weighing tradeoffs, and planning for long-term growth. I can contribute structured thinking to transportation planning.

2. Community-Focused Perspective – As a resident and parent, I understand firsthand the importance of safe routes for children, walkable neighborhoods, and connected greenways that serve both recreation and mobility.

3. Stakeholder Engagement – I have experience building alignment between diverse stakeholders (investors, entrepreneurs, medical leaders) and can apply those skills to bringing together community voices, town leadership, and regional partners.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Expand Safe Routes to Schools – Advocate for infrastructure that allows children to bike or walk safely to schools, parks, and community centers.

2. Promote Connectivity – Support projects that connect Apex's sidewalks, bike lanes, and trails into a seamless network, reducing gaps that discourage use.

3. Encourage Community Awareness – Help raise awareness about multimodal transportation options in Apex, ensuring residents understand how biking, walking, and transit can improve quality of life and sustainability.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Much of my community involvement has centered on supporting youth and family-focused activities. I regularly volunteer through my daughters' school, Thales Academy and Cary Academy, and participate in local community events that encourage family engagement and wellness. Through these efforts, I have contributed to building stronger connections among families and reinforcing the values of safety, health, and education within the broader Apex community.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not yet served on a governmental board. I see this as a strength, as I bring a fresh perspective, professional expertise, and a commitment to civic service without preconceived notions or entrenched positions.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my apartment/condo

My age range is (please select one):

46 to 55

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 803 **Status:** Reviewed **Submitted:** 3/12/2026 9:26 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Christopher R Shealey

Pronouns

He/Him/His

Preferred First Name

Ryan

Spouse/Partner Name (If applicable)

Phyiscal Address

530 Old Mill Village Dr, Apex, North Carolina 27502

Mailing Address

Same, Same, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Email, Peak Weekly Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Extron

Current Job Title

Senior DevOps Engineer

Employer Main Work Telephone Number

(919) 850-1000

Employer Onsite Office Location

Raleigh, North Carolina 27502

Please briefly describe your job function and core duties,

Create a test framework for fellow engineers to follow when testing feature work.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I believe walkable towns and cities are once again our future for urban living. For almost a decade I have tried to learn everything I can about cities and how they are developed. I would like to take what I have learned and advise the town on how we grow smart land use.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. As someone who does not own a car and bikes everywhere, I can provide a lived experience on what it is like to walk and bike around Apex every day.

2. I personally have riden local busses and Amtrak trains in NC, and can provide feedback on how Apex can shape their mobility hub.

3. I live within walking distance to Town Hall. I will advocate for increased pedestrian safety for the town, because it not only affects visitors of the town but me personally as well.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. My goal is to reach all of those in Apex that want to live car free or car light, and advise town officials on how incremental development can reach that goal.

2. I am driven to educate town officials on the power of induced demand, and how endless road widening is not the answer. I believe if more pedestrian focused infrastructure was built, not only would more people walk, less money would be required to build huge roads.

3. I know the town is doing everything they can to make Apex the best it can be, but some change may require marketing. I would enjoy educating the citizens of Apex on good urban living, and avoid the hill of hysteria as much as possible.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I am an avid member of Strong Towns Raleigh, and have avocated for dense walkable development that provides economic vitality. I filled out the Strong Towns Finance Decoder for several towns in Wake County including Apex. I also posted House Bill 369 to the Parking Reform Network.

View the map on this site to see the filled out decoders for all available towns.
https://www.strongtowns.org/decoder

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not spent any time on a government board.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

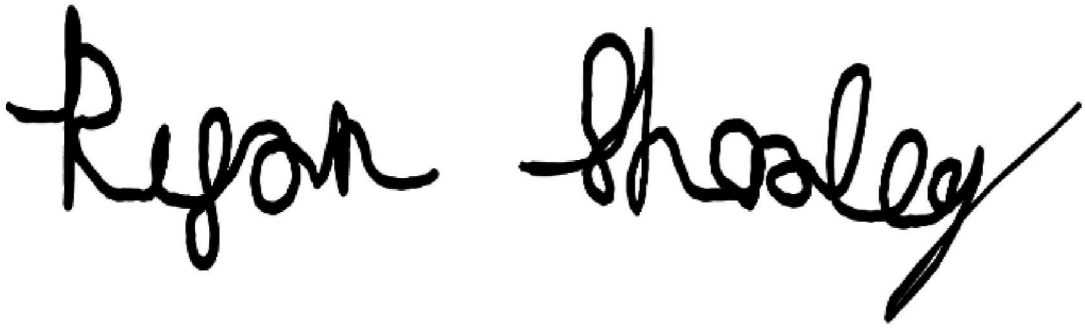
NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 773 **Status:** Submitted **Submitted:** 9/3/2025 9:51 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ritika Tadishetti

Pronouns
She/Her/Hers

Preferred First Name
Ritika

Spouse/Partner Name (If applicable)

Phyiscal Address
2507 Silas Peak Ln, Apex, North Carolina 27523

Mailing Address
2507 Silas Peak Ln, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)
Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?
Apex Youth Council

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education
Youth Representative (Currently in High School)

Current Employer
N/A

Current Job Title
none

Employer Main Work Telephone Number
N/A

Employer Onsite Office Location
Apex, North Carolina 27523

Please briefly describe your job function and core duties,
N/A

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am eager to serve because I believe youth voices are essential in shaping Apex's future — especially in areas like growth, sustainability, and transportation, where today's decisions will affect my generation for decades to come. As a student, I experience the impact of town planning every day: how safe crosswalks are, whether biking routes are accessible, and how green spaces create gathering places for friends and families. I want to take those lived experiences and translate them into actionable input that helps Apex grow responsibly and inclusively.

My qualifications combine civic engagement, leadership, and research-driven problem solving:

Civic Engagement & Community Representation: As a member of the Apex Youth Council (2025–Present), I help plan and execute community projects, volunteer events, and local outreach initiatives. I collaborate with town staff and peers to ensure that programs reflect the community's needs, including logistics for volunteer cleanups, cultural events, and public forums.

Leadership & Project Management: I founded and led an Odyssey of the Mind team that reached the World Finals three years in a row, managing sponsorships, budgets over $11,000, and coordinating travel and event planning. This experience taught me how to lead complex projects, resolve conflicts, and make strategic decisions — skills directly transferable to serving on a board that reviews development and policy proposals.

Research & Analytical Skills: Through Duke Pre-College Neuroscience and STEM research projects — including a Python-based project monitoring structural health of bridges — I have developed skills in analyzing data, designing experiments, and presenting actionable insights. These experiences give me [illegible] approach town planning, sustainability, and

transportation proposals with evidence-based reasoning.

Volunteerism & Local Impact: I have contributed over 100 volunteer hours to Apex and the surrounding community, including Adopt-A-Highway cleanups, Durham Food Bank service, and large-scale cultural events such as Holi, Dhoom Dham Dhawat, and Bathukamma (2,000+ attendees). I also mentored middle school students in STEM, tutored peers in math, and helped coordinate community service projects — all of which strengthened local engagement and helped make Apex a cleaner, safer, and more connected community.

Civic Leadership Beyond the Board: As an active member of Rhizome, I worked on youth civic campaigns and initiatives to encourage participation in local governance, helping residents understand how their voices can shape town decisions. These experiences have given me perspective on bringing together diverse viewpoints and building programs that have tangible impact for Apex.

Together, these experiences give me the communication skills, problem-solving mindset, and long-term perspective needed to represent youth voices and help shape Apex's future in a thoughtful and balanced way.

As a student who thrives on listening, learning, and leading, I believe the voices of youth hold the power to inspire real, meaningful change — especially in shaping the community we will inherit. Serving on these boards would allow me to be that bridge between students and town leadership.

In Apex, our student population is incredibly diverse in culture, language, and experience — yet many of those perspectives are missing when development proposals are reviewed, environmental policies are discussed, or transportation plans are created. Some of the most important voices are not the loudest — they are the ones we don't hear because they don't yet feel invited to the table. Whether it's a student who feels unsafe biking to school, someone who wishes their neighborhood had more green space, or a classmate who cares deeply about sustainability but doesn't know how to act, their ideas matter.

I know what it feels like to be quiet and hesitant to share opinions — I used to be that student. Over time, I learned that change starts with speaking up, leading projects, and creating space for others to be heard. If selected, I will make it my mission to amplify these unheard voices and bring them into the conversation.

If selected for the Planning Board, I will advocate for youth-friendly, walkable neighborhoods and spaces where students can feel safe and connected.

If selected for the Environmental Advisory Board, I will champion sustainability education, green initiatives, and programs that empower students to take action on climate issues that affect their future.

If selected for the Multimodal Transportation Advisory Board, I will bring forward real student concerns about crossing safety, bike access, and equitable transportation options so youth can get around Apex independently and safely.

Below is a link to my resume:
https://docs.google.com/document/d/1jcRHmgWFbFHG4uLA7qbkTjliAMwH07c7bbBb2aeSm14/edit?usp=sharing

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I bring a forward-looking youth perspective that is rooted in real experience.
As someone who walks Apex's streets, uses its parks, and depends on safe transportation routes every day, I can offer insight into how current and future developments affect students and families. Whether we are reviewing a rezoning proposal, discussing bike path improvements, or considering sustainability initiatives, I can speak to how these decisions will shape the lives of my generation — the people who will inherit this community.

2. I focus on solutions that are practical, inclusive, and future-ready.
My goal is not just to participate in discussions but to help shape recommendations that work for everyone — students, families, and long-term residents alike. I believe the best ideas come from considering multiple perspectives and balancing creativity with feasibility. I will approach every proposal by asking: Will this make Apex safer, more connected, and more sustainable 5, 10, and 20 years from now? This mindset helps ensure that decisions we make today benefit the entire community well into the future.

3. I offer a problem-solving mindset and a collaborative approach.
From leading teams to tackling complex challenges, I have learned to find common ground and work toward shared goals. I approach every challenge by asking, "How can we make this better for everyone?" and am committed to helping the board reach decisions that balance innovation, practicality, and community well-being.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Walkable & Accessible Development Checklist
Create a checklist for the board to consider during rezoning and development reviews — including safe crossings, lighting, green space, and public gathering areas — so every resident benefits from thoughtful planning.

2. "Future Apex" Vision Map
Design a collaborative map where residents can indicate where parks, bike lanes, or other community improvements are needed. Present these findings to help guide long-term planning decisions.

3. Interactive Community Input Nights
Host engaging planning events with visual boards, model-building stations, or virtual simulations of proposed developments, allowing residents to visualize changes and provide informed feedback.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Apex Youth Council (2025–Present): Contributed to planning and outreach for community service projects and civic engagement efforts. This work increased youth turnout at volunteer events and created direct lines of communication between students and town staff. My participation helped shape youth programming that reflected student availability and interests.

Adopt-A-Highway (Davis Drive) & Durham Food Bank: Participated in cleanups and food distribution that directly improved local cleanliness and food security resources accessible to Apex residents.

Large cultural event support (Holi, Dhoom Dham, Bathukamma) — 2,000+ attendees: Helped coordinate and participated volunteer teams so cultural celebrations ran smoothly and safely, strengthening community cohesion and representing Apex's diverse population.

Math tutoring & STEM mentoring: Provided one-on-one help and mentorship to students, improving academic confidence and building a volunteer pipeline of motivated youth who then participated in Apex activities.

Collectively, these efforts increased volunteer engagement, supported local service delivery, and helped build trust between young residents and town staff.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Apex Youth Council — Member (2025–Present).
This board experience gives me direct familiarity with municipal processes, meeting cadence, community outreach expectations, and the practicalities of turning community feedback into board recommendations. (If asked to list other boards, I have not served on additional municipal boards beyond the Apex Youth Council.)

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?
Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?
No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Under 16

I have been an Apex resident for
less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?
No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?
No

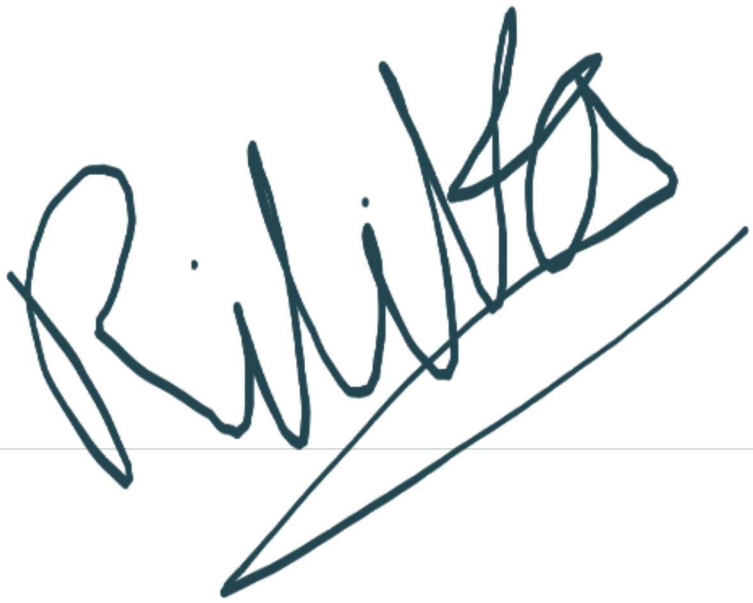
If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?
Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 749 - Multimodal Transportation Advisory Board **Status:** Submitted **Submitted:** 8/1/2025 4:15 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

William R Waldorf

Pronouns

Preferred First Name

Bob

Spouse/Partner Name (If applicable)

Phyiscal Address

310 Glaston Court, Apex, North Carolina 27502

Mailing Address

310 Glaston Court, Apex, North Carolina 27502

Email

bob1946@mail.com

Mobile Phone

(727) 320-6100

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

No

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

High School Diploma or GED

Current Employer

Retired

Current Job Title

Retired

Employer Main Work Telephone Number

7273206100

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

Retired professional in business setup and administration
Former candidate for City of Debary

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I view issues from a user prospective with a financial reasoning

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Being a part time resident to compare with different cities
Understanding financial considerations in achieving goals
Being a user of city offerings allowing to have a consumer view point

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Road conditions
Road management
Road sign management

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

None for the town of Apex

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Advisory board of City of Debary 1999

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

No, I have not read the current scope of responsibilities assigned to my preferred board

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

None

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I rent my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

No

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

No

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

No

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
CAAB	Broadnax	Jessica	New	CL	BOA, EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Famolare	Christy	New	CL	PRAB	**JKG**	**TM**	AZ	**EG**	**SR**	SM	**3**
CAAB	Harrien	Darryl	Reappoint	CL	PRAB	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Mohammad	Ishak	New	CL	BOA, EAB, MTAB, PB	JKG	TM	AZ	EG	SR	**SM**	**1**
CAAB	Premlata	Vaishnava	New	CL	BOA, EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Prendes	Amie	New	CL	N/A	**JKG**	TM	**AZ**	EG	SR	SM	**1**
CAAB	Schultz	Erin	New	CL	N/A	JKG	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Shoyoye	Adesiyan "Shiyan"	New	CL	PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Chappidi	Sathvika	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Corsetti	Julianna	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
CAAB-Youth	Jain	Nirjara	New	CL	MTAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Koshti	Ritu	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**1**
CAAB-Youth	Linson	Makyia	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Liu	Angela	New	CL	EAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Andrady	Alana	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Green	Alexis	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Linson	Makyia	New	CL	CAAB	JKG	TM	AZ	**EG**	SR	SM	**1**
EAB-Youth	Liu	Angela	New	CL	CAAB, PRAB	**JKG**	**TM**	AZ	EG	**SR**	**SM**	**3**
EAB-Youth	Pancras	Arni	New	CL	MTAB, PB, PRAB	JKG	TM	**AZ**	EG	SR	SM	**1**
EAB-Youth	Singareddy	Vishwacq	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Strobl	Graham	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Bacola	Robert	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Gerhard	William "Billy"	**Other**	CL	BOA, EAB, PB	JKG	**TM**	**AZ**	EG	SR	SM	**2**
MTAB	Gregus	Louis	New	CL	BOA, PB	**JKG**	TM	AZ	**EG**	SR	SM	**1**
MTAB	Jain	Nijara	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Lawrence	Kevin	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Meadows	John	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Poythress	Michael	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Pritchard	Ewan	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Rodgers	Martha	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Saket	Jain	**Other**	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Shealey	Christopher	New	CL	PB	JKG	TM	AZ	EG	**SR**	**SM**	**2**
MTAB	Waldorf	William	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Bang	Elizabeth	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Kadari	Samiksha	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
MTAB-Youth	Pancras	Arni	New	CL	EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Tadishetti	Ritika	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**

08/24/2026
Prepared by Town Clerk Allen Coleman

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
PRAB	Baber	Robert	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Broadnax	Jessica	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Croom	Jeremy	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Famolare	Christy	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB	McQuaig	Jessica	New	CL	EAB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Shoyoye	Adesiayn "Shiyan"	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Herbst	James "Jim"	New	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB-Senior	McClellan	Beverly	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Staiano	Adriana	New	CL	BOA, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB-Youth	Liu	Angela	New	CL	CAAB, EAB	JKG	TM	**AZ**	EG	SR	SM	**0**
PRAB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PB	**JKG**	**TM**	AZ	**EG**	**SR**	**SM**	**4**
PRAB-Youth	Rao	Adhvick	Reappoint	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Bang	Elizabeth	New	CL	EAB, MTAB	JKG	**TM**	AZ	EG	SR	SM	**1**
PB-Youth	Cook	Kaleb	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Dickerson	Maxwell "Max"	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**0**
PB-Youth	Jesperson	Nathan	New	CL	N/A	**JKG**	TM	**AZ**	**EG**	**SR**	**SM**	**4**
PB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Tadishetti	Ritika	New	CL	EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**

LEGEND	
	Nominations
Other	Currently Appointed to Another Board / Serving

08/24/2026
Prepared by Town Clerk Allen Coleman

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: REGULAR MEETING AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Upon voting by ballot as outlined in the Apex Town Council Rules of Procedures, appoint one (1) individual to serve in the Senior 55+ position on the Parks and Recreation Advisory Board (PRAB) for a two-year term effective October 1, 2026, through September 30, 2028 (Full Term). This position was previously occupied by Mary Lee Blatchford.

Approval Recommended?

Mayor Jacques K. Gilbert has not provided a recommendation for this position as of the agenda publication.

Item Details

The Town Clerk's Office worked with the Senior Center and Communications staff to advertise the Senior representative position and a total of four (4) qualified applications were received. Mr. Adhvick Rao will complete his first term on June 30, 2026 and has been unresponsive on his desire to seek reappointment. Individuals denoted with an asterisk (*) are current members seeking reappointment.

A total of **thirteen (13) applications** were received for appointment consideration, and they are (in alphabetical order by last name):

- **Baber, Robert*** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Broadnax, Jessica** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Croom, Jeremy*** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Famolare, Christy** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Herbst, Jim** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position and Voting Senior Representative Position
- **Liu, Angela** – Corporate Limits Resident – Eligible for Voting Youth Representative Position

- **McClellan, Beverely** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position and Voting Senior Representative Position
- **McQuaig, Jessica** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Mohammad, Ishak** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Pancras, Arni** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Rao, Adhvick** – Corporate Limits Resident – Eligible for Voting Youth Representative Position
- **Shoyoye, Adesiyan "Shiyan"**– Corporate Limits Resident – Eligible for Voting Over 18 Representative Position
- **Staiano, Adriana** - Corporate Limits Resident – Eligible for Voting Over 18 Representative Position and Voting Senior Representative Position

The Parks and Recreation Advisory Board (PRAB) serves in an advisory capacity to department staff and the governing body, providing recommendations on parks and recreation matters in the Apex community. The board also reviews and makes recommendations on public recreation requirements for proposed residential developments and provides input on long range plans related to parks and recreation.

The Parks and Recreation Advisory Board (PRAB) shall consist of nine (9) voting members and one (1) non-voting youth representative as defined by the Resident Advisory Board Administrative Policy. All members shall be recommended by the Mayor and appointed by the Town Council. Members shall be appointed for two-year (2) terms, except the nonvoting youth representative which shall have a term of one-year.

Attachments

- RA4-A1: Applicants at a Glance – Parks and Recreation Advisory Board (PRAB) w-applications
- RA4-A2: Nomination Summary by Councilmember – Multiple Boards – As of August 25, 2026

PARKS AND RECREATION ADVISORY BOARD

APPLICANTS AT A GLANCE

Requested Action(s):

- Recommendation is needed to fill one (1) Senior 55+ Position on the Parks and Recreation Advisory Board (PRAB) for a full term beginning October 1, 2026 through September 30, 2028. This position was previously occupied by Mary Lee Blatchford who is not seeing reappointment. The following candidates applied and are eligible for appointment. The candidates shaded in blue **are not** eligible for this position since they are not Seniors.

APPLICANTS AT A GLANCE – NEW APPLICANTS

Applicant(s)	Status	Resident Status	Notes
Broadnax, Jessica	NEW	Corporate Limits	Eligible for Appointment
Famolare, Christy	NEW	Corporate Limits	Appointed to Culture and Arts Advisory Board on 9/22/2026
Herbst, James "Jim"	NEW	Corporate Limits	Eligible for Senior 55+ Appointment
Liu, Angela X	NEW	Corporate Limits	Eligible for Non-Voting Youth Rep.
McClellan, Beverly	NEW	Corporate Limits	Eligible for Senior 55+ Appointment
McQuaig, Jessica	NEW	Corporate Limits	Eligible for Appointment
Mohammad, Ishak	NEW	Corporate Limits	Eligible for Appointment
Pancras, Arni	NEW	Corporate Limits	Appointed to the Parks and Recreation Advisory Board on 9/22/2026

Continued on next page

APPLICANTS AT A GLANCE – NEW APPLICANTS

CONTINUED

Applicant(s)	Status	Resident Status	Notes
Shoyoye, Adesiyan "Shiyan"	NEW	Corporate Limits	Eligible for Appointment
Staiano, Adriana	NEW	Corporate Limits	Eligible for Senior 55+ Appointment

APPLICATIONS ELIGIBLE FOR APPOINTMENT
(As of May 2026)

The following applicants meet eligibility requirements for appointment consideration:

Applicant Name	Status	Residency
Broadnax, Jessica	NEW	Corporate Limits
Famolare, Christy	NEW	Corporate Limits
Herbst, James "Jim"	NEW – Senior 55+	Corporate Limits
Liu, Angela X	NEW - Youth	Corporate Limits
McClellan, Beverly	NEW – Senior 55+	Corporate Limits
McQuaig, Jessica	NEW	Corporate Limits
Mohammad, Ishak	NEW	Corporate Limits
Pancras, Arni	NEW - Youth	Corporate Limits
Shoyoye, Adesiyan "Shiyan"	NEW	Corporate Limits
Staiano, Adriana	NEW – Senior 55+	Corporate Limits

Entry #: 821 **Status:** Submitted **Submitted:** 5/27/2026 10:30 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Jessica Broadnax

Pronouns

Preferred First Name

Jessica

Spouse/Partner Name (If applicable)

Phyiscal Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Mailing Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Planning Board (PB), PRAB

How did you hear about this opportunity to serve?

Nextdoor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Meridian

Current Job Title

Scrum Master/Implementation Consultant

Employer Main Work Telephone Number

7704148400

Employer Onsite Office Location

Atlanta, Georgia 30346

Please briefly describe your job function and core duties,

Lead Agile Transformation: Facilitating Daily Stand-ups, Sprint Planning, Retrospectives, and Reviews for cross-functional teams, ensuring smooth execution of Agile methodologies and successful project delivery.
Collaborative Stakeholder Management: Work closely with Product Owner to refine and groom the product backlog, prioritizing tasks based on current development status and business goals, enhancing overall project flow.
Cross-Team Coordination: Act as a bridge between clients and technical teams, effectively translating customer requirements into actionable tasks, and providing ongoing solutions to complex issues and data challenges.
End-to-End ERP Implementation: Map, configure, test, and train users on ERP Accounting/HR systems, ensuring successful system integration and user adoption.
Customer Engagement & Training: Provide on-site customer support (up to 40% travel) during project lifecycle, resolving queries, delivering tailored training, and recommending system enhancements to optimize business operations.
Continuous Process Improvement: Collaborate with end-users to identify opportunities for system improvements, ensuring the development of tools that meet both functional and business needs.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I'm interested in serving on this board because I care about contributing to the continued growth and quality of life in Apex. As our community continues to expand, I believe it's important to have engaged residents who are willing to listen, collaborate, and thoughtfully consider the needs of both current and future residents.

I would bring a professional, organized, and solutions oriented mindset to the board. I value clear communication, fairness, and community engagement, and I'm comfortable working with different perspectives to help reach balanced decisions. I'm especially interested in ensuring that growth, community resources, and long term planning continue to reflect the values that make Apex a strong and welcoming town.

In addition to my professional experience managing projects and working with diverse groups of people, I'm motivated by a genuine desire to give back to the community and become more involved in local government and civic service. I would approach the role with reliability, preparation, and a willingness to learn.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I would bring a collaborative and community focused perspective to the board. I value listening to residents, understanding different viewpoints, and helping find practical solutions that support the long-term success of Apex.

2. My professional experience in project coordination and communication has helped me develop strong organizational, problem solving, and decision making skills. I can contribute thoughtful preparation, attention to detail, and a reliable work ethic when reviewing issues and participating in board discussions.

3. I am genuinely invested in the future of Apex and want to contribute positively to the community's growth and quality of life. I would approach the role with professionalism, openness to learning, and a commitment to serving the best interests of residents and the Town as a whole.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support thoughtful and balanced growth that preserves the character of Apex while also planning responsibly for future residents, infrastructure, and community needs.

2. Encourage stronger community engagement by helping residents feel informed, heard, and included in local discussions and decision making processes. I believe transparency and communication are important to building trust and participation.

3. Contribute to initiatives that improve overall quality of life in Apex, including maintaining strong public spaces, supporting local businesses, and promoting long term planning that keeps the town welcoming, accessible, and sustainable for all residents.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My recent volunteer experience has included supporting food pantries in Wake County as well as participating in fundraising and awareness runs for organizations focused on St. Jude Children's Research Hospital and breast cancer awareness initiatives. Through food pantry volunteer work, I had the opportunity to help support individuals and families facing food insecurity by assisting with organization, distribution, and community support efforts.

Participating in charity runs and awareness events allowed me to contribute to causes that promote health, research, and community connection. These experiences strengthened my appreciation for service, teamwork, and community involvement, and they reinforced the importance of supporting programs that improve quality of life for residents both locally and beyond. I believe volunteerism helps create a stronger and more connected community, which is something I value for Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

N/A

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I rent my apartment/condo

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Jessica Broadnax

Entry #: 825 **Status:** Submitted **Submitted:** 5/28/2026 3:49 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Christy Famolare

Pronouns

She/Her/Hers

Preferred First Name

Christy

Spouse/Partner Name (If applicable)

Phyiscal Address

2401 Balmoor Trace, Apex, North Carolina 27523

Mailing Address

2401 Balmoor Trace, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Parks & Recreation Advisory

How did you hear about this opportunity to serve?

Peak Weekly

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Self employed

Current Job Title

Owner/CEO

Employer Main Work Telephone Number

9198151541

Employer Onsite Office Location

Apex, North Carolina 27523

Please briefly describe your job function and core duties,

I am in the process of creating an Event Venue Space

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I have 15 years experience in municipal parks and recreation focusing on cultural programming and working with immigrants populations and while I'm no longer in the industry I would love to stay involved through participation on an advisory board. I have also lived internationally and speak English and Spanish fluently.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I have created and implemented community assessments in English and Spanish and would be willing to help admin that when departments are planning their long-term strategic plan.
2. I have experience and have spoken nationally on accessibility at the NRPA conference in event planning.
3. I have experience in creating and implementing town-wide cultural program initiatives (as well as a couple of public art programs).

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

I would really like to serve on juts one board but am amicable to either (wherever I'm most needed) my goals would be the same
1. Gather and use community-centric assessments to guide advising
2. I would like to ensure programs and initiatives are accessible to all and so would advise with that lens.
3. Connect the community with P&R and/or Culture & Arts in apex (awareness)

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I am currently volunteering for NeighborUp. I understand that the Town and the organization have a continuing partnership

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Wake County Juvenile Crime Prevention Council (JCPC) 2011-2021

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

n/a

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

Yes

If you selected yes, please provide additional details below. If not, please indicate NA.

maybe. it has not opened however I am trying to create an event space for rent

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Christy Famolare

Entry #: 800 **Status:** Submitted **Submitted:** 2/26/2026 6:43 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

James E Herbst

Pronouns

He/Him/His

Preferred First Name

Jim

Spouse/Partner Name (If applicable)

Eileen

Phyiscal Address

409 Grove Street, Apex, North Carolina 27502

Mailing Address

409 Grove Street, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

PRAB

How did you hear about this opportunity to serve?

Friend / Neighbor, Peak Academy

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

retired

Current Job Title

Regional Vice President (retired)

Employer Main Work Telephone Number

9842555549

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

Regional Vice President, Education Affiliates (12 years) - 10 east coast career colleges, $100.0 million budget and more importantly, student graduation rates, licensure and job placement. Vice President of Henry Wurst Inc. an Apex NC national commercial printer (20 years)

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in helping Apex provide "exceptional public service that fosters the opportunity for the individual and community to live, thrive and reach their peak." I think all organizations and towns should be mission driven. That has what I have been doing all of my work life.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I have over 40 years of business experience. I have an MBA and have run organizations for many years.
I have served on industry boards I am past Chairman of the Board for the Printing Industries of America. This is important because I understand advisory boards. They are advisors, not staff. They support, plan, advise but are not in charge and should not assume that they are. I live in the historic district of Apex and am committed to helping it grow.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

It is not my role to come with initiatives. I will come with no preconceived agendas. I will listen (to the community and staff), opine, counsel, advise and recommend. That is what I will do.

However, I am not one to be silent. I will not raise my voice and I will listen and discuss. I will not be a rubber stamp. To give you an open idea of who I am, let me share this:
I am core value and character driven. I want to do the right thing. I have a moral compass that guides all my decisions.
I am value driven and fiscally responsible. I will look out for the tax payers dollars. I will want to see participation rates and outcomes. I don't support pet projects unless they have strong citizen outcomes and the results can be tracked.
For example, I strongly support investing in the town (Salem Street, Tunstall House, Senior Center...) However, I think the Tunstall House is a good example of something that could have been planned better. Many people disagree with spending millions of dollars to renovate that. I hear it all the time. I support it, BUT, I think we should have designated what we are going to use it for before we renovated it. Deciding afterwards may cause extra costs. If this is to be used for a Senior Center overflow, great; but shouldn't we have thought about that before finalizing it and designed it accordingly. If it is to be used for Apex offices, I don't agree with it. That does not support the mission. Now this may be outside the job description od PRAB but it will give you insights to who I am as a candidate.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Apex High School business Alliance - help high school students
Apex Senior Pickleball Introduction class - volunteer coach - helped community
Peak Academy - learned about Apex inner workings

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

none recent

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

Yes

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

2025

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

7-10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

no

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

no

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 812 **Status:** Submitted **Submitted:** 5/19/2026 12:12 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Angela X Liu

Pronouns

Prefer not to say

Preferred First Name

Angela

Spouse/Partner Name (If applicable)

Phyiscal Address

329 Gartrell Way, Cary, North Carolina 27519

Mailing Address

329 Gartrell Way, Apex, North Carolina 27519

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Recreational and PArk usage Advisory Board

How did you hear about this opportunity to serve?

Teacher

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Youth Representative (Currently in High School)

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

Youth Rep, North Carolina 27519

Please briefly describe your job function and core duties,

Youth Rep

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am highly interested in serving on the Recreational and Environmental Board to bridge the gap between community use and ecological preservation. My interest is rooted in two distinct perspectives. As an avid cyclist who spends hundreds of hours on our local greenways, I interact daily with a diverse cross-section of residents. This gives me a firsthand, user-level understanding of our infrastructure's safety, accessibility, and maintenance needs. Secondly, my love for environmental science allows me to view these spaces as critical ecological assets. I look forward to helping the board balance public recreation with sustainability, advocating for biodiversity, native landscaping, and smart stormwater management. Ultimately, I offer a unique fusion of practical trail insight and scientific curiosity, making me a dedicated advocate for resilient, accessible green spaces.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Biking Apex’s trails lets me serve as a mobile listening post. The casual conversations I have with families, runners, and commuters give me real-time feedback on what our trail users actually need. Secondly, I bridge the gap between human enjoyment and environmental science. I will help the town design spaces that serve a dual purpose: vibrant parks for residents that simultaneously function as thriving, biodiverse ecosystems. Lastly, I will advocate for our greenways to grow with it. As the apex community increases in population, it is very crucial for us to advocate for further environmental policies that help us conserve ecosystems and recreational parks.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

As an avid insect collector and learning entomologist, I want to advocate for planting native flora and creating pollinator habitats directly along the margins of existing and new greenways. I also want to use my frequent rides to audit and advocate for closing gaps between existing trails and neighborhoods. I hope to increase community-driven environmental science programs that help educate the public on the conservation of our environment.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

At Triangle Chess, I instructed children from all walks of life, diverse backgrounds, and varying learning styles, helping them find common ground over a shared board. From my experience as a coach and assistant coach (with no pay), I was able to increase many of my students' passion for chess and other topics they were interested in. Frequently, my students placed top in their local tournaments and saw massive success in their own learning with my guidance. This experience honed my ability to communicate complex ideas clearly and adapt my approach to meet diverse needs. I understand how to build inclusive environments where people feel valued. On a town board, I will apply this exact mindset to ensure Apex's public parks, greenways, and programs are accessible and welcoming to every resident.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not served on any governmental board yet, but I am disciplined and motivated internally to pursue what I want. I am confident in my ability to provide creative solutions to hard problems that the Town of Apex might experience environmentally. You will not hesitate or reject my presence in a potential board because I can provide solid solutions and feedback to any problem I'm interested in.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my single family home

My age range is (please select one):

16 to 18

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 810 **Status:** Submitted **Submitted:** 5/7/2026 5:34 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Beverly A McClellan

Pronouns
She/Her/Hers

Preferred First Name
Beverly

Spouse/Partner Name (If applicable)

Phyiscal Address
105 Berrygarden Court, Apex, North Carolina 27502

Mailing Address
105 Berrygarden Court, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Park and Rec

How did you hear about this opportunity to serve?

town meeting

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

retired

Current Job Title

retired

Employer Main Work Telephone Number

na

Employer Onsite Office Location

na, North Carolina 27502

Please briefly describe your job function and core duties,

na

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

My family has lived in Apex for over 20 years. I have 2 sons who utilize the Special Recreation services. I frequent all of the playgrounds and trailways in our town.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I am familiar w/ the needs of families w/ special children/young adults.
I am a grandparent who utilizes kinder/tot classes. I see great benefit to blending age groups to socialize.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Continue to expand Special Recreation, blending age groups, helping seniors find support.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I was a Hospice Volunteer for over eight years.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

n/a.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

na

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

na

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

na

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Beverly A. McClellan

Entry #: 826 **Status:** Submitted **Submitted:** 5/28/2026 8:40 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Jessica McQuaig

Pronouns

She/Her/Hers

Preferred First Name

Jessica

Spouse/Partner Name (If applicable)

Phyiscal Address

9101 Haybeck Ln, Apex, North Carolina 27523

Mailing Address

9101 Haybeck Ln, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Environmental Advisory Board (EAB), Parks and Recreation Advisory Board (PRAB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Wake County Public Schools - Lufkin Road Middle School

Current Job Title

Career Development Coordinator

Employer Main Work Telephone Number

919-387-4465

Employer Onsite Office Location

Apex, North Carolina 27539

Please briefly describe your job function and core duties,

As the Career Development Coordinator at Lufkin Road Middle School, my role is to help students explore career interests, develop academic and personal goals and prepare for future educational & workforce opportunities. I coordinate career awareness activities, support career and college readiness programs and connect students with resources that encourage informed decision-making about their futures.

My core duties include:
- Delivering career exploration lessons and guidance activities
- Assisting students with academic and career planning
- Coordinating career-focused events, guest speakers, and enrichment opportunities
- Supporting students' social-emotional and leadership development
- Collaborating with teachers, counselors, families, and community partners
- Managing career development program materials, data, and student records
- Promoting awareness of high school pathways, college readiness, and workforce skills

The goal of my position is to ensure students are equipped with the knowledge, skills and confidence needed to make successful transitions to high school and beyond.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

As the Career Development Coordinator at Lufkin Road Middle School, I work closely with students, families, educators and community partners to help prepare young people for future success. My professional role has strengthened my commitment to public service, community engagement and creating opportunities that positively impact residents of all ages. I am interested in serving on this board because I believe strong local leadership and community collaboration are essential to maintaining the high quality of life that makes Apex a desirable place to live and work.

My daily work requires communication, problem-solving, program coordination and relationship building among diverse groups of stakeholders. These experiences have equipped me with the ability to listen thoughtfully, work collaboratively and contribute meaningfully to discussions and decision-making processes. In addition, my experience supporting youth development and educational initiatives gives me a unique perspective on how local policies and community programs can influence families and future generations.

As both an educator and community member, I am passionate about giving back to the Town of Apex and helping ensure continued growth, inclusivity and opportunities for residents. I believe my professional background, dedication to service and collaborative leadership style would allow me to make a positive contribution to the board.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Youth and Family Perspective:
Through my work in education, I regularly engage with students and families and understand many of the challenges and opportunities facing our community. I can help ensure that decisions consider the long-term impact on youth, schools and families.

Strong Community Collaboration Skills:
My role requires coordinating with educators, administrators, local organizations and community stakeholders. I bring strong communication and teamwork skills that would support productive collaboration and community-centered decision-making.

Commitment to Community Growth and Inclusion:
I am invested in the continued success of Apex and value initiatives that promote accessibility, opportunity and engagement for all residents. I would approach board service with professionalism, integrity and a genuine desire to serve the community effectively.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Increase Community Engagement:
I would like to help strengthen communication and outreach efforts so residents feel informed, included and encouraged to participate in local initiatives and decision-making opportunities.

Support Youth and Family-Focused Initiatives:
I hope to advocate for programs and partnerships that provide meaningful opportunities for youth development, education, recreation and community involvement.

Promote Collaborative and Sustainable Growth:
As Apex continues to grow, I would support initiatives that balance development with preserving the community values, resources and quality of life that residents appreciate.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My recent volunteer experiences have primarily focused on supporting students, families, and school-community initiatives through educational programs, mentorship opportunities, school events and community partnerships. I have participated in activities that promote student achievement, career readiness and family engagement, while also collaborating with local organizations to connect students with meaningful resources and experiences.

These efforts contribute positively to the Town of Apex by helping prepare young people for future success, strengthening relationships between schools and the community and encouraging a culture of service, leadership, and civic involvement.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

At this time, I have not previously served on a governmental board. However, my professional experience includes participating in school leadership teams, collaborative committees and community partnership initiatives that required strategic planning, communication and consensus-building among multiple stakeholders.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I rent my apartment/condo

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 813 **Status:** Submitted **Submitted:** 5/20/2026 12:53 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ishak Mohammad

Pronouns
He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
3413 Dropseed Dr, Apex, North Carolina 27502

Mailing Address
3413 Dropseed Dr, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Private Inc

Current Job Title

Software Solutions Architect

Employer Main Work Telephone Number

3108958691

Employer Onsite Office Location

Durham, North Carolina 27703

Please briefly describe your job function and core duties,

As a Software Architect, my primary function is to serve as a trusted advisor, providing clarity in ambiguity by designing effective and fit-for-purpose software solutions while ensuring strong governance. My core duties include:

Problem Analysis: Identifying and understanding the specific challenges faced by clients or users to develop tailored solutions.
Solution Design: Creating architectural designs that align with business objectives and technical requirements.
Collaboration: Working closely with customers and stakeholders to ensure their needs are understood and addressed through effective software solutions.
Technical Leadership: Guiding development teams in implementing best practices and adhering to architectural standards.
Governance Oversight: Establishing and enforcing architectural guidelines and policies to ensure compliance, security, and quality throughout the development process.
Continuous Improvement: Evaluating existing systems and processes to recommend enhancements and ensure optimal performance.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Living in Raleigh, Durham Area since 2015.
Qualifications: MBA from NC university and Computer-science college degree with 20 years of experience.
Profession: Enterprise/Solutions Architect
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

My interest in serving on the Apex advisory board stems from a deep commitment to community development, supported by my MBA and Computer Science degree, along with 20 years of professional experience, particularly as a Software Architect. In this role, I have honed my skills in system design, technical leadership, and collaborative problem-solving.

As the Architecture Chairman and Vice President of my HOA from 2023 to 2026, I gained valuable leadership and collaboration skills, while my role as Vice President of Public Relations for Toastmasters has enhanced my communication abilities.

Additionally, my extensive volunteer work with various non-profits demonstrates my dedication to serving others and understanding community needs. My unique blend of technical expertise, managerial experience, and passion for community engagement positions me well to advocate for initiatives that benefit all residents of Apex.

Through my architectural experience, I can leverage analytical thinking and a structured approach to decision-making, which will be invaluable in addressing community challenges and promoting sustainable development.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Reason 1: Diverse Experience and Insights
My background in Governance and Architecture equips me with valuable insights and perspectives that can inform the board's decision-making process. I can bring a fresh viewpoint on community issues, utilizing best practices from other contexts to enhance initiatives. This diversity in experience can foster innovative solutions and create well-rounded policies that benefit all residents.

Reason 2: Strong Community Connections
Living in Raleigh, Durham area since 2015. I have established relationships with various community groups, local organizations, and residents, which can facilitate collaboration and engagement. By leveraging these connections, I can ensure that the advisory board remains in touch with the needs and interests of the community. This can lead to increased participation in board initiatives and stronger support for decisions made.

Reason 3: Commitment to Community and Effective Advocacy
My dedication to serving the Town of Apex is unwavering, and I am passionate about advocating for the best interests of our residents. I will work diligently to represent community voices and amplify concerns that might otherwise go unheard. My proactive approach can help the board effectively address community needs, fostering a sense of trust and collaboration between residents and local governance.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

To Keep Apex at Its Peak
Goal 1: Enhance Community Engagement
Develop initiatives to increase participation in local governance, such as town hall meetings and online feedback platforms, ensuring diverse voices are heard.

Goal 2: Improve Local Economic Opportunities
Support local economic development by fostering partnerships with small businesses, advocating for job training, and promoting Apex as an attractive destination for new businesses.

Goal 3: Foster Inclusivity and Diversity
Create programs celebrating diversity, organize cultural events, and establish support networks for underrepresented groups, strengthening community ties.

Goal 4: Improve Infrastructure and Transportation
Prioritize enhancements in transportation, advocate for better public transit, and upgrade community facilities to meet residents' needs and promote economic growth.

Goal 5: Support Education and Youth Programs
Strengthen educational opportunities for youth by collaborating with local schools, promoting mentorship programs, and increasing funding for resources, empowering the next generation.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I'm new to Apex but I have rich previous volunteer experience with several non-profits. Some of them are
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Served as HOA Architecture Chairman and Vice President 2023 to 2026. I was responsible for chairing meetings, making decisions and reviewing 200+ Architecture requests and rendering decision. Also, contributed in beautification projects and safety committees.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 832 **Status:** Submitted **Submitted:** 5/30/2026 10:40 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Arni Pancras

Pronouns
She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
604 Pointe Grove Ln, Apex, North Carolina 27523

Mailing Address
604 Pointe Grove Ln, Apex, North Carolina 27523

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB), Parks and Recreation Advisory Board (PRAB)

How did you hear about this opportunity to serve?

Friend / Neighbor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

High School Diploma or GED

Current Employer

Youth Rep

Current Job Title

Youth Rep

Employer Main Work Telephone Number

Youth Rep

Employer Onsite Office Location

2200 Hillsborough St, Raleigh, NC 27607, North Carolina 27607

Please briefly describe your job function and core duties,

Currently in 3rd year of College at NCSU studying environmental engineering

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am applying to serve on the Multimodal Transportation Advisory Board, Planning Board, Environmental Advisory Board, and Parks and Recreation Advisory Board because each connects strongly with my background in engineering, infrastructure, sustainability, public service, and community development. I am especially interested in helping Apex grow in a way that is thoughtful, connected, environmentally responsible, and beneficial to residents of all ages. As an environmental engineering student at NC State, I have developed a strong foundation in water quality, wastewater systems, sustainability, and infrastructure planning. I was also selected as a 2025 Undergraduate Engineering Scholar by the ASHE Carolina Triangle Section, which connects directly to transportation and infrastructure and strengthened my interest in how communities plan safe, efficient, and accessible transportation systems.

My experience also matches the responsibilities of the other boards I am applying for. Through my research assistant role at NC State, I collect and process water samples to support freshwater contamination research, which connects to environmental protection and public health. As a summer research intern at UNC Charlotte, I studied water conservation, wastewater management, stormwater/wastewater best practices, stakeholder perspectives, equity, cost, and implementation challenges, which connects to planning, environmental sustainability, and responsible growth. My experience with the U.S. EPA gave me additional exposure to research, lab procedures, quality control, and environmental science. I also bring community leadership experience from Wake County 4-H Teen Council, where I served as Vice President and Secretary, helped coordinate county-wide events, and supported youth programs. In addition, my YMCA experience working with children and families connects to parks, recreation, and community programming. These experiences allow me to bring a technical, service-oriented, and younger resident perspective to Apex's advisory boards.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

First, my academic and research background in environmental/civil engineering would allow me to contribute a strong sustainability-focused perspective. I have experience with water quality research, wastewater management, water conservation, and environmental best practices, which aligns well with Apex's goals around responsible growth and environmental stewardship.

Second, I would bring a younger resident's perspective to town decision-making. Apex is growing quickly, and decisions about transportation, parks, land use, and environmental protection will affect younger residents for decades. I can help represent the perspective of students, young adults, and future professionals who want Apex to remain livable, connected, and environmentally responsible.

Third, I have experience working with both technical and non-technical groups. Through research, 4-H leadership, the YMCA, and a couple more public-facing jobs, I have learned how to communicate clearly, listen to community needs, and work collaboratively. I believe this would help me contribute respectfully and effectively in meetings, discussions, and recommendations.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

My first goal would be to support environmentally responsible growth in Apex. As the town continues to develop, I would like to help encourage decisions that protect water quality, preserve green space, reduce environmental impacts, and promote sustainable infrastructure.

My second goal would be to improve community awareness and engagement, especially among younger residents. I would like to help make environmental, transportation, planning, and parks-related discussions more accessible so residents understand how town decisions affect their daily lives.

My third goal would be to support a more connected and resilient Apex. This includes encouraging safe walking and biking options, thoughtful park and greenway planning, and development decisions that balance growth with environmental protection and quality of life.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

One of my most meaningful volunteer experiences has been my involvement with Wake County 4-H Teen Council, where I served as Vice President from 2023 to 2024 and Secretary from 2022 to 2023. In these roles, I helped coordinate events, support youth programs, take and distribute meeting minutes, and participate in community-centered activities such as the NC State Fair, mental health walks, STEAM camps, and council meetings.

This positively contributed to the Wake County (including Apex) community by supporting youth leadership, education, service, and civic engagement. It helped create opportunities for younger students to learn, participate in community events, and build confidence. It also helped me grow as a leader and taught me the importance of organized, responsible service to the community.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not previously served on a formal Town of Apex governmental board. However, I served in leadership roles with Wake County 4-H Teen Council for several years as a member, and then as Secretary from 2022 to 2023 and Vice President from 2023 to 2024. Through this experience, I participated in organized meetings, helped coordinate county-wide events, supported youth programming, and developed skills in leadership, communication, public service, and collaboration.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

18 to 29

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 776 **Status:** Reviewed **Submitted:** 9/5/2025 1:11 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Adesiyan Shoyoye

Pronouns

She/Her/Hers

Preferred First Name

Shiyan

Spouse/Partner Name (If applicable)

Michael Monsees

Phyiscal Address

586 Village Loop Drive, Apex, North Carolina 27502

Mailing Address

586 Village Loop Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Culture and Arts Advisory Board (CAAB), Parks and Recreation Advisory Board (PRAB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Aetna, a CVS Health Company

Current Job Title

Program Manager, Medical Affairs

Employer Main Work Telephone Number

(919) 337-1800

Employer Onsite Office Location

Cary, North Carolina 27513

Please briefly describe your job function and core duties,

- Utilize agile-based methodologies to implement various Medical Affairs projects, increasing delivery speed and efficiency in programs with budgets of more than $1,000,000.
- Lead the Aetna Medicaid Population Health Management Program, ensuring comprehensive implementation and adherence to NCQA and AHRQ quality standards.
- Develop the Enterprise Maternity Pilot Program, including managing budget, planning, and execution in collaboration with premier universities.
- Create and maintain Aetna Medical Affairs' first centralized Full-Time Equivalent (FTE) QuickBase, streamlining tracking, department budgeting, and organization of department staff saving the enterprise $500,000+ a year through Labor Cost Savings through Process Automation
- Key accomplishment: Successfully launched the Enterprise Maternity Pilot Program in collaboration with premiere universities, resulting in a 20% improvement in patient engagement and a 15% reduction in program costs by leveraging innovative data-driven strategies and optimizing resource allocation.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am deeply motivated to serve on this board because community is more important than ever in a time when divisiveness is at an all-time high. I believe that by engaging our residents through meaningful programs, we can highlight what we share in common and strengthen our connections. As a Nigerian-American, cultural competency is a core value in my life, and I bring that perspective to ensure inclusivity and accessibility for all.

Professionally, I am a Program Manager with a proven record of process improvement, stakeholder engagement, and building collaborative programs. These skills directly translate to board service, where thoughtful planning, organization, and inclusivity are essential. Beyond my career, Apex has become a town I love and want to permanently call home. My drive to excel and my desire to raise a family here inspire me to contribute to building community programs and youth opportunities that enrich the lives of all residents.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Arts & Cultural Board:
1. I bring strong cultural competency and firsthand experience as a Nigerian-American, which will help ensure Apex's cultural programming reflects and celebrates our town's diversity.
2. My professional background in project management equips me to support efficient planning and delivery of cultural initiatives.
3. I am committed to youth enrichment, which can be expanded through cultural programming that connects young people to the arts and to one another.

Parks & Recreation:
1. Apex's parks are a defining feature of the town, and I want to help maintain and expand them to match our community's growth.
2. My project management expertise can support long-term planning and process improvement for programs and facilities.
3. I bring a commitment to accessibility, ensuring that recreational opportunities remain available and welcoming to all children and families.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

If appointed to my preferred board, I hope to:
1. Meet more members of the Apex community and build rapport across diverse groups.
2. Gain knowledge of what it takes to properly participate in a town board and apply my project management background to strengthen Apex's initiatives.
3. Contribute to the continued growth and beautification of Apex, ensuring that programs remain enriching, accessible, and reflective of community needs.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My most recent volunteer work was with the Interfaith Food Shuttle, where I helped till the land alongside a diverse group of volunteers. This experience reinforced for me the value of building community through service and reminded me of how much can be achieved when people from different walks of life come together. I would love to see more programs like this in Apex, where residents can connect while serving a shared purpose.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

While I have not yet served on a governmental board, I view this as a tremendous opportunity to contribute my skills and passion to my community. I am eager to learn and grow through service to Apex and believe my professional background and lived experiences position me to make a meaningful impact.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

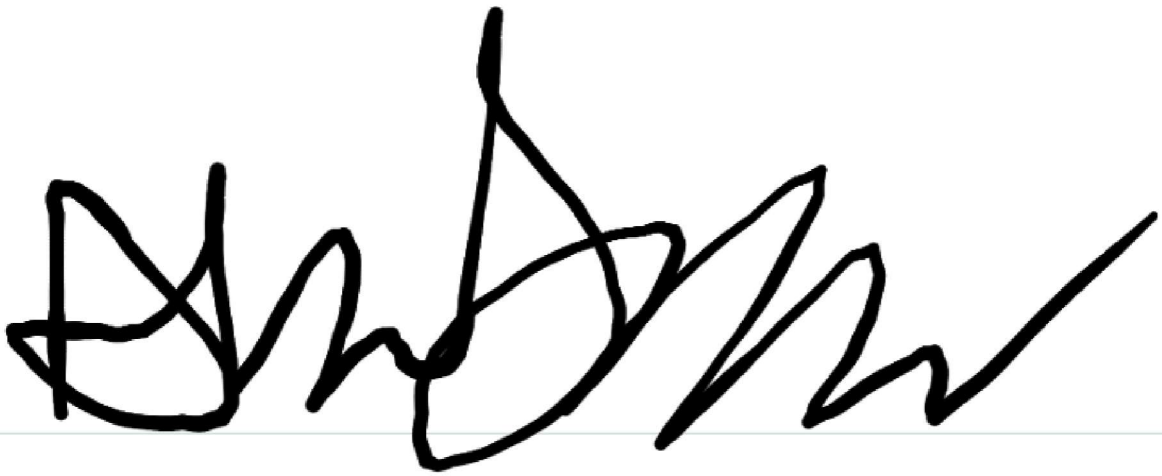
NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 822 **Status:** Submitted **Submitted:** 5/27/2026 11:59 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Adriana Staiano

Pronouns

Preferred First Name

Adriana

Spouse/Partner Name (If applicable)

Joseph

Phyiscal Address

1209 Blue Mist Court, Apex, North Carolina 27502

Mailing Address

SAME, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Planning Board (PB), Parks & Recreation

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Unemployed/Retired

Current Job Title

none

Employer Main Work Telephone Number

NA

Employer Onsite Office Location

NA, North Carolina 27502

Please briefly describe your job function and core duties,

NA

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Participating in Peak Academy and would like to be more involved with the Town of Apex

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

As a new resident to Apex I believe I can offer a fresh perspective
I care about the growth and direction of the town as it is expanding significantly
I am willing to contribute the time and effort towards getting the best outcomes for the community of Apex

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Learn what the goal and function of the Board of Adjustments is and serve to make the best decisions possible
I care about the growth and direction of the town as it is expanding significantly
I am willing to contribute the time and effort towards getting the best outcomes for the community of Apex

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

NA

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

None

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Adriana Staiano

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
CAAB	Broadnax	Jessica	New	CL	BOA, EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Famolare	Christy	New	CL	PRAB	**JKG**	**TM**	AZ	**EG**	**SR**	SM	**3**
CAAB	Harrien	Darryl	Reappoint	CL	PRAB	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Mohammad	Ishak	New	CL	BOA, EAB, MTAB, PB	JKG	TM	AZ	EG	SR	**SM**	**1**
CAAB	Premlata	Vaishnava	New	CL	BOA, EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB	Prendes	Amie	New	CL	N/A	**JKG**	TM	**AZ**	EG	SR	SM	**1**
CAAB	Schultz	Erin	New	CL	N/A	JKG	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Shoyoye	Adesiyan "Shiyan"	New	CL	PRAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Chappidi	Sathvika	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Corsetti	Julianna	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
CAAB-Youth	Jain	Nirjara	New	CL	MTAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Koshti	Ritu	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**1**
CAAB-Youth	Linson	Makyia	New	CL	EAB	JKG	TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Liu	Angela	New	CL	EAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Andrady	Alana	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Green	Alexis	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Linson	Makyia	New	CL	CAAB	JKG	TM	AZ	**EG**	SR	SM	**1**
EAB-Youth	Liu	Angela	New	CL	CAAB, PRAB	**JKG**	**TM**	AZ	EG	**SR**	**SM**	**3**
EAB-Youth	Pancras	Arni	New	CL	MTAB, PB, PRAB	JKG	TM	**AZ**	EG	SR	SM	**1**
EAB-Youth	Singareddy	Vishwacq	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
EAB-Youth	Strobl	Graham	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Bacola	Robert	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Gerhard	William "Billy"	**Other**	CL	BOA, EAB, PB	JKG	**TM**	**AZ**	EG	SR	SM	**2**
MTAB	Gregus	Louis	New	CL	BOA, PB	**JKG**	TM	AZ	**EG**	SR	SM	**1**
MTAB	Jain	Nijara	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Lawrence	Kevin	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Meadows	John	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Poythress	Michael	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Pritchard	Ewan	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Rodgers	Martha	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Saket	Jain	**Other**	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB	Shealey	Christopher	New	CL	PB	JKG	TM	AZ	EG	**SR**	**SM**	**2**
MTAB	Waldorf	William	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Bang	Elizabeth	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Kadari	Samiksha	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
MTAB-Youth	Pancras	Arni	New	CL	EAB, PB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Tadishetti	Ritika	New	CL	EAB, PB	JKG	TM	AZ	EG	SR	SM	**0**

08/24/2026
Prepared by Town Clerk Allen Coleman

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
PRAB	Baber	Robert	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Broadnax	Jessica	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Croom	Jeremy	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Famolare	Christy	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB	McQuaig	Jessica	New	CL	EAB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Shoyoye	Adesiayn "Shiyan"	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Herbst	James "Jim"	New	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB-Senior	McClellan	Beverly	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Staiano	Adriana	New	CL	BOA, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB-Youth	Liu	Angela	New	CL	CAAB, EAB	JKG	TM	**AZ**	EG	SR	SM	**0**
PRAB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PB	**JKG**	**TM**	AZ	**EG**	**SR**	**SM**	**4**
PRAB-Youth	Rao	Adhvick	Reappoint	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Bang	Elizabeth	New	CL	EAB, MTAB	JKG	**TM**	AZ	EG	SR	SM	**1**
PB-Youth	Cook	Kaleb	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Dickerson	Maxwell "Max"	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**0**
PB-Youth	Jesperson	Nathan	New	CL	N/A	**JKG**	TM	**AZ**	**EG**	**SR**	**SM**	**4**
PB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Tadishetti	Ritika	New	CL	EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**

LEGEND	
	Nominations
Other	Currently Appointed to Another Board / Serving

08/24/2026
Prepared by Town Clerk Allen Coleman

| Agenda Item | cover sheet

for consideration by the Apex Town Council

Item Type: REGULAR MEETING AGENDA

Meeting Date: October 13, 2026

Item Details

Presenter(s): Allen Coleman, Town Clerk

Department(s): Town Clerk's Office

Requested Motion

Upon voting by ballot as outlined in the Apex Town Council Rules of Procedures, appoint one (1) individual to serve in a Regular Corporate Limits Member position on the Planning Board for a full two (2) year term expiring September 30, 2028.

Per Council policy, candidates must be interviewed to be considered eligible for appointment consideration. The following individuals have been interviewed: Kyrone Nebolisa and Tianduo Zhang.

Approval Recommended?

Mayor Jacques K. Gilbert has not provided a recommendation for this position as of the agenda publication.

Item Details

A total of thirteen **(13) applications** were received total for appointment consideration to the Regular Planning Board Position, and they are (in alphabetical order by last name):

- **Alemany, Sheryl** – Corporate Limits – Eligible for Interview
- **Broadnax, Jessica** – Corporate Limits – Eligible for Interview
- **Curlee, Audrey** – Corporate Limits – Eligible for Interview
- **Johnson, Avery** – Corporate Limits – Eligible for Interview
- **Khabbaze, Alexandra** – Corporate Limits – Eligible for Interview
- **Mohammad, Ishak** – Corporate Limits – Eligible for Interview
- **Nebolisa, Kyrone** – Corporate Limits – **Interviewed on September 22, 2026**
- **Osman, Hesham** – Corporate Limits – Eligible for Interview
- **Pryar, Jack** – Corporate Limits – Eligible for Interview
- **Shealey, Christopher** – Corporate Limits – Eligible for Interview
- **Staiano, Adriana** – Corporate Limits – Eligible for Interview
- **Yates, Brian** – Corporate Limits – Eligible for Interview

- **Zhang, Tianduo** - Corporate Limits – **Interviewed on September 22, 2026**

The Town of Apex has two statutorily required resident advisory boards which are the Board of Adjustment (BOA) and the Planning Board. The Planning Board is charged with discussing matters related to land use and development. More specifically, the Planning Board is responsible for the following as stated in Section 2.1.2 of the Town's Unified Development Ordinance (UDO):

(a) Review and make recommendations to approve or disapprove. To review, hear, consider, and make recommendations to the Town Council to approve or disapprove:
    - The adoption of an ordinance to amend the Official Zoning District Map (Rezoning).
    - The adoption of an ordinance to amend the text of this Ordinance (Text amendment).

(b) Review and make recommendations to approve, approve with conditions, or disapprove. To hear, review, consider, and make recommendations to the Town Council to approve, approve with conditions, or disapprove:
    - The adoption of an ordinance to amend the Official Zoning District Map.
    - The adoption of an ordinance approving a PUD-CZ, SD-CZ, TND-CZ, or MEC-CZ zoning district designation.

(c) Long range plans. To consider and/or make recommendations to the Town Council to adopt or amend long range plans.

(d) Make special knowledge and expertise available. To make its special knowledge and expertise available upon written request and authorization of the Town Council to any official, department, board, commission or agency of the Town.

(e) Studies. To make studies of the resources, possibilities and needs of the Town upon the authorization of the Town Council, and report its findings and recommendations, with reference thereto, to the Town Council.

(f) Recommendations of recognition of Appearance Awards. To consider and make recommendations on nominees for Residential, Non-Residential, and Tree Appearance Awards to the Town Council.

The Planning Board consist of ten (10) voting members and one non-voting Youth Representative as defined in the Resident Advisory Board Administrative Policy.

<u>Attachments</u>

- RA5-A1: Applicants At A Glance – Planning Board w-applications
- RA5-A2: Nomination Summary by Councilmember – Multiple Boards – As of August 25, 2026

APEX 1873 NORTH CAROLINA

PLANNING BOARD

APPLICANTS AT A GLANCE

Requested Action(s):

A. Recommendation is needed to fill one (1) Regular Corporate Limits position on the Planning Board for a full term beginning October 1, 2026 through September 30, 2028. The following candidates have been interviewed and are eligible for appointment consideration.

APPLICANTS AT A GLANCE – NEW APPLICANTS

Applicant(s)	Status	Resident Status	Notes
Nebolisa, Kyrone	NEW	Corporate Limits	Interviewed on September 22 and Eligible for Appointment
Zhang, Tianduo	NEW	Corporate Limits	Interviewed on September 22 and Eligible for Appointment

Candidates in blue immediately below this section are eligible to be interviewed:

Applicant(s)	Status	Resident Status	Notes
Alemany, Sheryl	NEW	Corporate Limits	Eligible for Interview
Broadnax, Jessica	NEW	Corporate Limits	Eligible for Interview

Continue to Next Page

APPLICANTS AT A GLANCE – NEW APPLICANTS
CONTINUED

Applicant(s)	Status	Resident Status	Notes
Curlee, Audrey	NEW	Corporate Limits	Eligible for Interview
Johnson, Avery	NEW	Corporate Limits	Eligible for Interview
Karkour-Khabbaze, Alexandra	NEW	Corporate Limits	Eligible for Interview
Mohammad, Ishak	NEW	Corporate Limits	Eligible for Interview
Osman, Hesham	NEW	Corporate Limits	Eligible for Interview
Pryar, Jack	NEW	Corporate Limits	Eligible for Interview
Shealey, Christopher	NEW	Corporate Limits	Eligible for Interview
Staiano, Adriana	NEW	Corporate Limits	Eligible for Interview
Yates, Brian	NEW	Corporate Limits	Eligible for Interview

APPLICATIONS ELIGIBLE FOR APPOINTMENT
(As of September 2026)

The following applicants meet eligibility requirements for appointment consideration:

Applicant Name	Status	Residency
Alemany, Sheryl	NEW	Corporate Limits
Broadnax, Jessica	NEW	Corporate Limits
Curlee, Audrey	NEW	Corporate Limits
Johnson, Avery	NEW	Corporate Limits
Karkour-Khabbaze, Alexandra	NEW	Corporate Limits
Mohammad, Ishak	NEW	Corporate Limits
Nebolisa, Kyrone	NEW	Corporate Limits
Osman, Hesham	NEW	Corporate Limits
Pryar, Jack	NEW	Corporate Limits
Shealey, Christopher	NEW	Corporate Limits
Staiano, Adriana	NEW	Corporate Limits
Yates, Brian	NEW	Corporate Limits
Zhang, Tianduo	NEW	Corporate Limits

Entry #: 837 **Status:** Submitted **Submitted:** 9/10/2026 2:20 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Sheryl Alemany

Pronouns

She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Dominick Alemany

Phyiscal Address

2860 Hunter Woods Drive, Apex, North Carolina 27502

Mailing Address

SAME, SAME, North Carolina 27502

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Environmental Advisory Board (EAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Verizon

Current Job Title

Manager, Experience Management

Employer Main Work Telephone Number

7328102329

Employer Onsite Office Location

6400 Weston Parkway, North Carolina 27502

Please briefly describe your job function and core duties,

I serve as an Engagement Experience Manager at Verizon, where I lead strategic initiatives focused on improving employee and customer experiences, operational effectiveness, and organizational performance. My responsibilities include analyzing data, identifying opportunities for improvement, developing and implementing programs, collaborating across diverse teams, and measuring outcomes to drive sustainable results.

I also serve as Director of Operations for the United Nations Association of New York, where I oversee organizational operations and help lead programs, events, volunteer initiatives, and partnerships that advance the organization’s mission. In this role, I coordinate across diverse stakeholders, manage complex initiatives, support strategic planning, and help translate organizational goals into actionable programs and measurable outcomes.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I want to actively contribute to the community my family and I call home and help ensure that Apex continues to grow thoughtfully while maintaining the qualities that make it a "peak" place to live. As a resident and mother of four, I care deeply about how decisions involving growth, development, infrastructure, transportation, public safety, and community resources affect families today and in the future.

I bring a diverse background in public service, military service, emergency medical services, operations leadership, research, and nonprofit leadership. I hold a Doctorate in Leadership and Innovation from NYU and currently work in operations and experience leadership at Verizon. I am a U.S. Army veteran and have approximately 17 years of experience in emergency medical services. I also serve with the U.S. Air Force Auxiliary as a Character Development Instructor, Health Services Officer, and Emergency Services/Search and Rescue Officer.

Additionally, I serve as Director of Operations for the United Nations Association of New York and lead volunteer teams supporting U.S. government and international-affairs initiatives. These experiences have taught me how to evaluate complex issues, analyze data, listen to different perspectives, collaborate with diverse stakeholders, and make thoughtful decisions with long-term consequences in mind.

I would bring that same evidence-based, collaborative approach to the Planning Board. I am particularly interested in helping Apex balance responsible growth with infrastructure capacity, public safety, quality of life, environmental considerations, and the needs of both current and future residents.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Analytical and evidence-based decision making: My doctoral research and professional experience have trained me to evaluate complex information, analyze data, ask critical questions, and consider both immediate and long-term consequences before making recommendations.

2. A multidisciplinary public-service perspective: My experience as an Army veteran, longtime EMT, emergency services/search and rescue officer, health services officer, nonprofit operations leader, and corporate operations professional allows me to consider development from multiple perspectives, including public safety, infrastructure, accessibility, families, emergency preparedness, and quality of life.

3. Collaborative leadership and community focus: I have extensive experience leading diverse teams and working with people who bring different perspectives and priorities to the table. I would approach Planning Board matters with an open mind, listen carefully to residents, applicants, Town staff, and fellow board members, and work toward practical solutions that serve the long-term interests of Apex.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support responsible, well-planned growth. I would work to ensure development proposals are carefully evaluated in the context of Apex's long-term plans, infrastructure capacity, transportation needs, community character, and residents' quality of life.

2. Incorporate public safety and community resilience into planning decisions. Drawing upon my EMS, military, health services, and emergency-services background, I would bring particular attention to how growth and development interact with emergency access, transportation, pedestrian safety, infrastructure, and the ability of public services to support a growing community.

3. Strengthen informed and community-centered decision making. I would prioritize understanding residents' concerns, reviewing the evidence and planning considerations behind proposals, and making recommendations that balance the rights and needs of property owners, current residents, businesses, and Apex's long-term future.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I currently volunteer with the U.S. Air Force Auxiliary/Civil Air Patrol as a Character Development Instructor, Health Services Officer, and Emergency Services/Search and Rescue Officer with the Raleigh-Wake Composite Squadron. Several of the cadets I serve are Apex residents, allowing me to contribute directly to the development of young people within our community. In these roles, I mentor cadets in character, ethical decision-making, leadership, health and safety, while also supporting emergency-services training and preparedness. Civil Air Patrol's cadet program emphasizes leadership, character, community service, and emergency-services skills, helping prepare young people to become responsible and engaged citizens.

I also serve as Director of Operations for the United Nations Association of New York and have extensive volunteer leadership experience supporting humanitarian, public-service, and government-related initiatives. Across these roles, I have developed and led programs, coordinated volunteers, mentored young people and emerging leaders, and worked with diverse groups toward shared community goals.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not yet served on a municipal or governmental board. However, I have extensive public-service leadership experience through my service as a U.S. Army veteran, my current leadership roles with the U.S. Air Force Auxiliary/Civil Air Patrol, and volunteer leadership supporting U.S. government initiatives. I am eager to bring this experience into municipal service and would be honored for the Apex Planning Board to be my first opportunity to serve the Town in an official advisory capacity.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

N/A

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 821 **Status:** Submitted **Submitted:** 5/27/2026 10:30 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Jessica Broadnax

Pronouns

Preferred First Name

Jessica

Spouse/Partner Name (If applicable)

Phyiscal Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Mailing Address

1145 Lookout Ridge Rd, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Planning Board (PB), PRAB

How did you hear about this opportunity to serve?

Nextdoor

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Meridian

Current Job Title

Scrum Master/Implementation Consultant

Employer Main Work Telephone Number

7704148400

Employer Onsite Office Location

Atlanta, Georgia 30346

Please briefly describe your job function and core duties,

Lead Agile Transformation: Facilitating Daily Stand-ups, Sprint Planning, Retrospectives, and Reviews for cross-functional teams, ensuring smooth execution of Agile methodologies and successful project delivery.
Collaborative Stakeholder Management: Work closely with Product Owner to refine and groom the product backlog, prioritizing tasks based on current development status and business goals, enhancing overall project flow.
Cross-Team Coordination: Act as a bridge between clients and technical teams, effectively translating customer requirements into actionable tasks, and providing ongoing solutions to complex issues and data challenges.
End-to-End ERP Implementation: Map, configure, test, and train users on ERP Accounting/HR systems, ensuring successful system integration and user adoption.
Customer Engagement & Training: Provide on-site customer support (up to 40% travel) during project lifecycle, resolving queries, delivering tailored training, and recommending system enhancements to optimize business operations.
Continuous Process Improvement: Collaborate with end-users to identify opportunities for system improvements, ensuring the development of tools that meet both functional and business needs.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I'm interested in serving on this board because I care about contributing to the continued growth and quality of life in Apex. As our community continues to expand, I believe it's important to have engaged residents who are willing to listen, collaborate, and thoughtfully consider the needs of both current and future residents.

I would bring a professional, organized, and solutions oriented mindset to the board. I value clear communication, fairness, and community engagement, and I'm comfortable working with different perspectives to help reach balanced decisions. I'm especially interested in ensuring that growth, community resources, and long term planning continue to reflect the values that make Apex a strong and welcoming town.

In addition to my professional experience managing projects and working with diverse groups of people, I'm motivated by a genuine desire to give back to the community and become more involved in local government and civic service. I would approach the role with reliability, preparation, and a willingness to learn.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. I would bring a collaborative and community focused perspective to the board. I value listening to residents, understanding different viewpoints, and helping find practical solutions that support the long-term success of Apex.

2. My professional experience in project coordination and communication has helped me develop strong organizational, problem solving, and decision making skills. I can contribute thoughtful preparation, attention to detail, and a reliable work ethic when reviewing issues and participating in board discussions.

3. I am genuinely invested in the future of Apex and want to contribute positively to the community's growth and quality of life. I would approach the role with professionalism, openness to learning, and a commitment to serving the best interests of residents and the Town as a whole.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support thoughtful and balanced growth that preserves the character of Apex while also planning responsibly for future residents, infrastructure, and community needs.

2. Encourage stronger community engagement by helping residents feel informed, heard, and included in local discussions and decision making processes. I believe transparency and communication are important to building trust and participation.

3. Contribute to initiatives that improve overall quality of life in Apex, including maintaining strong public spaces, supporting local businesses, and promoting long term planning that keeps the town welcoming, accessible, and sustainable for all residents.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My recent volunteer experience has included supporting food pantries in Wake County as well as participating in fundraising and awareness runs for organizations focused on St. Jude Children's Research Hospital and breast cancer awareness initiatives. Through food pantry volunteer work, I had the opportunity to help support individuals and families facing food insecurity by assisting with organization, distribution, and community support efforts.

Participating in charity runs and awareness events allowed me to contribute to causes that promote health, research, and community connection. These experiences strengthened my appreciation for service, teamwork, and community involvement, and they reinforced the importance of supporting programs that improve quality of life for residents both locally and beyond. I believe volunteerism helps create a stronger and more connected community, which is something I value for Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

N/A

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Black or African American

Do you rent or own your home?

I rent my apartment/condo

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Jessica Broadnax

Entry #: 818 **Status:** Reviewed **Submitted:** 5/21/2026 10:46 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Audrey Curlee

Pronouns

She/Her/Hers

Preferred First Name

Audrey

Spouse/Partner Name (If applicable)

Bob

Phyiscal Address

1362 Mascoma Dr, Apex, North Carolina 27502

Mailing Address

1362 Mascoma Dr, Apex, North Carolina 27502

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Associates Degree

Current Employer

Sustainable Fuels Group

Current Job Title

Admin

Employer Main Work Telephone Number

7049643930

Employer Onsite Office Location

Apex, North Carolina 27502

Please briefly describe your job function and core duties,

This is a very part time position. I work from home and have no set hours. I manage their accounting in Quick Books and arrange their travel reservations

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am applying to serve on the Apex Planning Advisory Board because I am deeply interested in responsible, thoughtful growth in our community. Having lived in Apex for the past four years, I've been impressed by the town's rapid but well-managed development, and I would like to better understand the planning processes that shape our future.
As a current member of the HOA Board at The Retreat at Cedar Crossing, I have gained valuable experience in community governance, listening to resident concerns, and balancing growth with quality of life. I am eager to bring this perspective to a broader level and contribute to decisions that will impact Apex for years to come. I am currently enrolled in Peak Academy. I am particularly interested in learning how the town balances residential growth, commercial development, green spaces, and infrastructure needs. I am committed, detail-oriented, and passionate about helping maintain the character and livability that make Apex such a special place.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

With having a fairly large populations of active Seniors, I could represent that group with my ideas around the importance of planning for that group as well. With having the background of the Peak Academy I have a broad perspective of the town already. Being a part of my HOA at Retreat at Cedar Crossing I have a small idea of the local communities needs. I also was the point person with applying for the community beautification grant and was awarded that so I could act as an advocate for other communities to apply.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Focus on how planning decisions impact daily life — including traffic flow, walkability, parks, and neighborhood infrastructure — so that growth benefits current and future residents. Bring practical insights from my experience on the HOA Board at The Retreat at Cedar Crossing to help ensure residential concerns are fairly considered in planning discussions. Ensure that new development in Apex balances progress with preserving the town's character, green spaces, and small-town feel that attracted so many of us here.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I currently serve on the Board of Directors for The Retreat at Cedar Crossing HOA in Apex. In this role, I help make decisions that directly impact our community's quality of life, including maintaining common areas, reviewing architectural requests, managing vendor relationships, addressing resident concerns, and ensuring our neighborhood remains well-kept and harmonious.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

HOA Secretary and Social chair for 3 years
Awarded the beautification grant this year for our community.
Currently enrolled in Peak Academy

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

2026

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 790 **Status:** Submitted **Submitted:** 1/29/2026 11:22 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Avery Johnson

Pronouns

She/Her/Hers

Preferred First Name

Avery

Spouse/Partner Name (If applicable)

Antonio Johnson

Phyiscal Address

1812 Kelly Glen Drive, Apex, North Carolina 27502

Mailing Address

1812 Kelly Glen Drive, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Planning Board (PB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official, Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

NC State Bureau of Investigation - Retired (Part-time)

Current Job Title

Procurement/Contract Specialist

Employer Main Work Telephone Number

919-582-8554

Employer Onsite Office Location

Raleigh, North Carolina 27502

Please briefly describe your job function and core duties,

Assist with developing and managing contracts ranging from medium to high complexity which includes drafting, reviewing and negotiating contracts. Assist in the development of IFBs, RFQs, RFPs, and MOUs. Ensuring all contracts comply with state laws, agency policies, and applicable federal regulations. Assist business and technical owners from all functional areas in the selection of vendors and documentation of vendor obligations consistent with
requirements. Work within the framework of purchasing, contracting and legal strategies, law, administrative regulations and policies and procedures. Guide and assist internal customers through the entire decision-making
process and contracting experience. Work with the end-user to obtain and prepare solicitations for competitive
bidding. Enter requisition into NC Procurement System for the procurement of goods and services.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

My interest in serving on this board is to provide my educational and work experience to the Board as it relates to planning the contracts and procurement for the Town of Apex. I bring 30+ years of experience with state and federal procurement/contracts. I believe it is important to ensure that TOA receives the services and goods in which has been procured and uphold Vendor(s) to the terms of all contractual agreements.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Thirty plus year of experience.
2. Dedication and Team Player.
3. Provide excellent customer service

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Bring collaboration.
2. Continue to provide transparency.
3. Ensure planning made is conducive for all.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have volunteered with the Transitional Assistance and Hospice House and had patients at the Cambridge Senior Living in Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

No governmental boards, only service on community boards.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Female

Ethnicity

Two or more

Do you rent or own your home?

I own my townhome

My age range is (please select one):

Over 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

N/A

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

Yes

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

Antonio Johnson

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 806 **Status:** Reviewed **Submitted:** 3/17/2026 12:23 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Alexandra Karkour Khabbaze

Pronouns

She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

William Rumbaugh

Phyiscal Address

309 Presenteer Trl, Apex, NC 27539-6529, North Carolina 27539

Mailing Address

SAME, SAME, North Carolina 27539

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Planning Board (PB)

How did you hear about this opportunity to serve?

Friend / Neighbor, Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Cushman and Wakefield

Current Job Title

Project Manager

Employer Main Work Telephone Number

(724) 464-9010

Employer Onsite Office Location

Cary, North Carolina 27511

Please briefly describe your job function and core duties,

Construction Project Manager representing the tenant or landlord to plan, oversee, and deliver commercial construction and fit-out projects while protecting client interests, controlling risk, and ensuring alignment with lease, budget, and business objectives.

Core Duties:
Act as the owner's/tenant's representative throughout design, permitting, construction, and close-out
Coordinate architects, engineers, contractors, and vendors
Manage schedules, budgets, change orders, and contract compliance
Review drawings, submittals, and pay applications for accuracy and alignment with scope
Mitigate risks, resolve construction issues, and maintain clear stakeholder communication
Oversee punch-list completion, inspections, and turnover to occupancy

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in serving on this board because I value contributing my skills and lived experience in service of a shared mission. I bring a strong go-getter mentality shaped by resilience, adaptability, and a deep appreciation for opportunity. In my role as a construction project manager representing tenants and landlords, I am trusted to steward complex projects, balance competing interests, and ensure accountability and results. I offer a proactive, solutions-oriented mindset, strong judgment, and a collaborative approach that I believe would add meaningful value to the board.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Support thoughtful, sustainable growth
Help ensure that development and infrastructure decisions balance economic growth with community character, fiscal responsibility, and long-term sustainability for the Town of Apex.
2. Promote transparency and informed decision-making
Contribute to clear, well-reasoned recommendations by asking the right questions, reviewing information carefully, and supporting open communication between the board, staff, and residents.
3. Bring a proactive, community-focused perspective
Use my professional experience and go-getter mindset to actively engage, collaborate with fellow board members, and help advance initiatives that positively impact residents and the town as a whole.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support thoughtful, sustainable growth
Help guide development and infrastructure decisions that balance growth with community character, fiscal responsibility, and long-term sustainability for the Town of Apex.
2. Promote inclusive and transparent decision-making
Advocate for processes that consider diverse perspectives, encourage community input, and support clear, well-informed recommendations that reflect the needs of all residents.
3. Bring a proactive, community-focused perspective
Apply my professional experience and go-getter mindset to actively collaborate, problem-solve, and advance initiatives that positively impact the town and its residents.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have volunteered with Fiesta Cristiana Church as a kids' leader and as a volunteer during family resource events. In this role, I help create a safe, welcoming, and structured environment for children while supporting families through programs that provide resources, connection, and community support. This work positively contributes to the Town of Apex by strengthening families, promoting inclusion, and fostering a sense of belonging for residents from diverse backgrounds. Through my volunteer service, I aim to support community well-being and help build a more connected and supportive town.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

NA

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Hispanic

Do you rent or own your home?

I own my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Alexandra Karkour Khabbaze

Entry #: 813 **Status:** Submitted **Submitted:** 5/20/2026 12:53 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name
Ishak Mohammad

Pronouns
He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)

Phyiscal Address
3413 Dropseed Dr, Apex, North Carolina 27502

Mailing Address
3413 Dropseed Dr, Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?
Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Culture and Arts Advisory Board (CAAB), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Private Inc

Current Job Title

Software Solutions Architect

Employer Main Work Telephone Number

3108958691

Employer Onsite Office Location

Durham, North Carolina 27703

Please briefly describe your job function and core duties,

As a Software Architect, my primary function is to serve as a trusted advisor, providing clarity in ambiguity by designing effective and fit-for-purpose software solutions while ensuring strong governance. My core duties include:

Problem Analysis: Identifying and understanding the specific challenges faced by clients or users to develop tailored solutions.
Solution Design: Creating architectural designs that align with business objectives and technical requirements.
Collaboration: Working closely with customers and stakeholders to ensure their needs are understood and addressed through effective software solutions.
Technical Leadership: Guiding development teams in implementing best practices and adhering to architectural standards.
Governance Oversight: Establishing and enforcing architectural guidelines and policies to ensure compliance, security, and quality throughout the development process.
Continuous Improvement: Evaluating existing systems and processes to recommend enhancements and ensure optimal performance.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Living in Raleigh, Durham Area since 2015.
Qualifications: MBA from NC university and Computer-science college degree with 20 years of experience.
Profession: Enterprise/Solutions Architect
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

My interest in serving on the Apex advisory board stems from a deep commitment to community development, supported by my MBA and Computer Science degree, along with 20 years of professional experience, particularly as a Software Architect. In this role, I have honed my skills in system design, technical leadership, and collaborative problem-solving.

As the Architecture Chairman and Vice President of my HOA from 2023 to 2026, I gained valuable leadership and collaboration skills, while my role as Vice President of Public Relations for Toastmasters has enhanced my communication abilities.

Additionally, my extensive volunteer work with various non-profits demonstrates my dedication to serving others and understanding community needs. My unique blend of technical expertise, managerial experience, and passion for community engagement positions me well to advocate for initiatives that benefit all residents of Apex.

Through my architectural experience, I can leverage analytical thinking and a structured approach to decision-making, which will be invaluable in addressing community challenges and promoting sustainable development.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

Reason 1: Diverse Experience and Insights
My background in Governance and Architecture equips me with valuable insights and perspectives that can inform the board's decision-making process. I can bring a fresh viewpoint on community issues, utilizing best practices from other contexts to enhance initiatives. This diversity in experience can foster innovative solutions and create well-rounded policies that benefit all residents.

Reason 2: Strong Community Connections
Living in Raleigh, Durham area since 2015. I have established relationships with various community groups, local organizations, and residents, which can facilitate collaboration and engagement. By leveraging these connections, I can ensure that the advisory board remains in touch with the needs and interests of the community. This can lead to increased participation in board initiatives and stronger support for decisions made.

Reason 3: Commitment to Community and Effective Advocacy
My dedication to serving the Town of Apex is unwavering, and I am passionate about advocating for the best interests of our residents. I will work diligently to represent community voices and amplify concerns that might otherwise go unheard. My proactive approach can help the board effectively address community needs, fostering a sense of trust and collaboration between residents and local governance.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

To Keep Apex at Its Peak
Goal 1: Enhance Community Engagement
Develop initiatives to increase participation in local governance, such as town hall meetings and online feedback platforms, ensuring diverse voices are heard.

Goal 2: Improve Local Economic Opportunities
Support local economic development by fostering partnerships with small businesses, advocating for job training, and promoting Apex as an attractive destination for new businesses.

Goal 3: Foster Inclusivity and Diversity
Create programs celebrating diversity, organize cultural events, and establish support networks for underrepresented groups, strengthening community ties.

Goal 4: Improve Infrastructure and Transportation
Prioritize enhancements in transportation, advocate for better public transit, and upgrade community facilities to meet residents' needs and promote economic growth.

Goal 5: Support Education and Youth Programs
Strengthen educational opportunities for youth by collaborating with local schools, promoting mentorship programs, and increasing funding for resources, empowering the next generation.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I'm new to Apex but I have rich previous volunteer experience with several non-profits. Some of them are
Served as HOA Architecture Chairman and Vice President 2023 to 2026.
Served as Vice President, Public Relations, Toastmasters Club 2023 to 2025

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Served as HOA Architecture Chairman and Vice President 2023 to 2026. I was responsible for chairing meetings, making decisions and reviewing 200+ Architecture requests and rendering decision. Also, contributed in beautification projects and safety committees.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 784 **Status:** Submitted **Submitted:** 12/29/2025 9:22 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Kyrone C Nebolisa

Pronouns

He/Him/His

Preferred First Name

Kyrone

Spouse/Partner Name (If applicable)

Chinyere Nebolisa

Phyiscal Address

2861 Jordan Pointe Blvd, New Hill, North Carolina 27562

Mailing Address

2861 Jordan Pointe Blvd, New Hill, North Carolina 27562

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Planning Board (PB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Johnson & Johnson

Current Job Title

QA Specialist, CSV

Employer Main Work Telephone Number

866-565-2873

Employer Onsite Office Location

Wilson, North Carolina 27894

Please briefly describe your job function and core duties,

I currently work at Johnson and Johnson as a Quality Assurance specialist in computer systems validation. In my role I ensure that all of the automation systems that will control our process of making oncology medicines meets FDA and site quality standard to help ensure that patients receive the highest quality product.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am interested in serving on the Apex Planning Board because I care deeply about how our community grows and want to contribute my skills and experience to support thoughtful, balanced decision-making. As a QA Specialist in computer system validation, I am trained to evaluate complex information, weigh risk, follow regulations, and document decisions clearly and objectively. I believe these strengths translate well to reviewing plans, ordinances, and development proposals that will shape Apex's long-term future.

Over the past five years living in Apex/New Hill, I have become increasingly invested in the town's success, particularly through my volunteer work as an ambassador with the Apex Chamber of Commerce and my service on the board of Launch Apex. These roles have given me direct exposure to the needs and challenges of small businesses, as well as the importance of fostering an environment where entrepreneurs can thrive. As a small business owner and homeowner myself, I understand the need to balance economic growth with preserving quality of life, ensuring housing remains attainable, and maintaining the character that makes Apex attractive. I am especially interested in smart growth, support for small businesses, and affordable housing, and I would approach Planning Board responsibilities with a data-informed, community-minded, and collaborative mindset.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Analytical and compliance-focused skill set
As a QA Specialist in computer system validation, I am accustomed to reviewing complex information, assessing risk, and ensuring alignment with regulations and standards. This experience would help me carefully evaluate development proposals and planning policies, ask detailed and relevant questions, and support decisions that are consistent, well-documented, and in the long-term best interest of the town.

2. Small business and economic development perspective
Through my work as an ambassador with the Apex Chamber of Commerce and my service on the Launch Apex board, I have regular interaction with small business owners and entrepreneurs. I understand the challenges they face related to location, zoning, costs, and access to customers. I can bring this perspective to the Planning Board to help ensure that our land use decisions support a healthy small business environment while still protecting residential quality of life.

3. Commitment to balanced, community-centered growth
As a five-year resident of Apex/New Hill, a homeowner, and a small business owner, I am directly impacted by decisions around growth, housing, and infrastructure. I care about promoting smart growth that preserves the character of Apex, improves affordability, and supports connectivity and livability. I would be a consistent advocate for balancing economic development with thoughtful planning, transparency, and consideration of how decisions affect both current residents and future generations.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. Support smart, well-planned growth that aligns with Apex's long-term vision
I would work to ensure that new development is consistent with the Comprehensive Plan and small area plans, with particular attention to impacts on traffic, infrastructure, and existing neighborhoods. My goal would be to prioritize projects that enhance connectivity, preserve community character, and make efficient use of land and public resources.

2. Strengthen support for small businesses through land use and zoning decisions
Drawing on my experience with the Apex Chamber of Commerce and Launch Apex, I would aim to highlight how zoning, site design, and mixed-use development can either help or hinder small businesses. I would work to encourage development patterns that create walkable, active commercial areas and provide opportunities for locally owned businesses to succeed.

3. Promote a more diverse and attainable housing mix
I would advocate for planning and zoning decisions that create a broader range of housing types and price points, consistent with town policies. This includes supporting thoughtfully located higher-density and mixed-use projects, where appropriate, and encouraging tools that help maintain affordability while still respecting neighborhood context and quality of life.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

My most recent volunteer experience has been through the Apex Chamber of Commerce, where I have served as an ambassador, and as a board member for Launch Apex. As a Chamber ambassador, I help welcome and connect businesses, attend events, and support outreach efforts that strengthen relationships between local businesses and the community. This contributes to a stronger small business ecosystem and a more vibrant local economy. Through Launch Apex, I work with an entrepreneurial support program that provides mentoring, networking, and resources to new and growing small businesses. By supporting these entrepreneurs, I help create opportunities for job growth, innovation, and local investment in Apex. Together, these roles have allowed me to positively contribute to the town's economic vitality and sense of community.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not yet served on a governmental board. My experience to date has been in community and economic development roles, including serving as an ambassador with the Apex Chamber of Commerce and as a board member for Launch Apex. I see the Planning Board as an opportunity to bring this perspective into formal public service and to apply my professional skills and community experience in a more structured, policy-focus

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

N/A

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

Black or African American

Do you rent or own your home?

I own my single family home

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

N/A

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

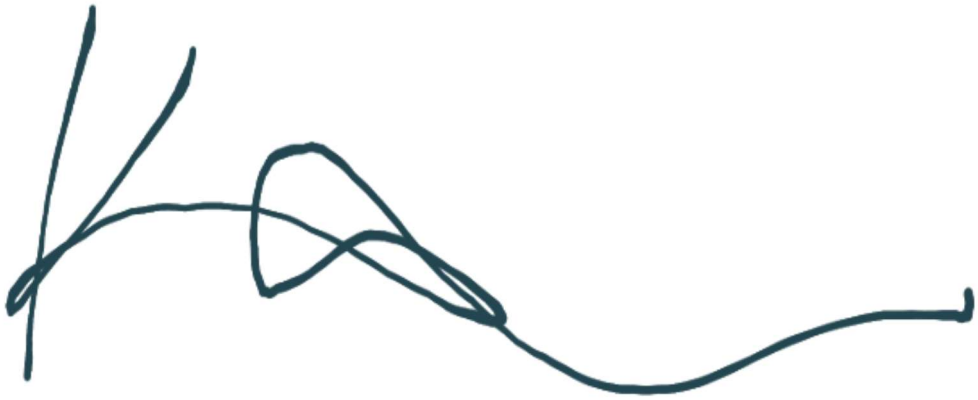
N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 840 **Status:** Submitted **Submitted:** 10/2/2026 11:28 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Hesham Osman

Pronouns

He/Him/His

Preferred First Name

Spouse/Partner Name (If applicable)

Courtney Osman

Phyiscal Address

3181 Mantle Ridge Dr, Apex, North Carolina 27502

Mailing Address

3181 Mantle Ridge Dr, Apex, North Carolina 27502

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Environmental Advisory Board (EAB), Multimodal Transportation Advisory Board (MTAB), Planning Board (PB), Parks and Recreation

How did you hear about this opportunity to serve?

Town Employee / Elected Official, Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Siemens Healthineers

Current Job Title

Sr Vice President Of Finance

Employer Main Work Telephone Number

(919) 468-7400

Employer Onsite Office Location

Cary, North Carolina 27511

Please briefly describe your job function and core duties,

With over two decades of experience in financial leadership roles, I bring a rich background in customer finance, financial reporting, and operations management to my current position as Senior Vice President of Customer Finance at Siemens Healthineers. Passionate about driving efficiencies and operational excellence, I focus on optimizing offer-to-order and order-to-cash processes while fostering collaboration across teams. I am committed to contributing to Siemens Healthineers' mission of advancing healthcare delivery through innovation and operational precision.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Over the last year I have become more involved in our wonderful community by attending TC meetings, completing surveys and other sessions. I have just completed Peak Academy and had a wonderful experience. I want to give back to our community by serving on a board. With my experience in MedTech and Finance, leading teams and solving complex problems I beleive I have much to offer our community.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. Financial & Strategic Expertise - As a finance executive, I bring strong experience in budgeting, governance, risk management, and long-term planning to support sound decision-making.
2. Collaborative Leadership - I have a proven track record of working across diverse stakeholders, building consensus, and helping teams navigate complex challenges to achieve shared goals.
3. Commitment to Community - As an engaged Apex resident and parent, I am passionate about supporting initiatives that enhance quality of life and ensure the community continues to thrive for future generations

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Support investments that enhance quality of life for residents and families.

Foster transparency, collaboration, and meaningful community engagement.

Advance sustainable growth while maintaining strong fiscal stewardship

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I have not volunteered in Apex.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

N/a

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

Yes

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

2026

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Hesham Osman

Entry #: 824 **Status:** Submitted **Submitted:** 5/28/2026 7:20 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Jack Pryar

Pronouns

Preferred First Name

Jack

Spouse/Partner Name (If applicable)

Allison Pryar

Phyiscal Address

1022 Scotts Ridge Trail, Apex, North Carolina 27502-6880

Mailing Address

1022 Scotts Ridge Trail, Apex, North Carolina 27502-6880

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Environmental Advisory Board (EAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Employee / Elected Official, Apex Peak Academy

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

High School Diploma or GED

Current Employer

Stetson Insurance Funding

Current Job Title

Business Development Executive

Employer Main Work Telephone Number

312-379-8236

Employer Onsite Office Location

10150 York Road, Fifth Floor, Hunt Valley, Maryland 21030

Please briefly describe your job function and core duties,

I build and maintain business partnerships for the Southeast region - I spend most of time engaging with current and prospective clients offering education about what we do and why they should choose us

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I want to help shape the future of the town by offering suggestion and opinion for the council to consider. The decisions we make today may not been seen for 10 years so I want to know we've done whatever we can today to better Apex for the next decade. I have moved from the UK to the US so I'm used to being uncomfortable, making difficult decisions and having to start over again. Over 15 years in sales and negotiating. I studied Sociology at school so I'm used to hearing both sides of an argument and formulating a position off the back of that.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I am passionate about the area I live in - I've only coming to Apex for 5 years and living her permanently for 2 and I'm already happy with changes but conscious about how the next 10 years look. Having a European background, I believe, offers a different perspective on things.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Preserve the small town feel, protect the environment as much as possible and increase awareness about the work that goes on in the town long before it's seen before by the residents.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Apex Peak Academy 2026, my wife is heavily involved with volunteering at Apex UMC

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

No Advisory Boards - member of the Apex Chamber of Commerce and Apex Peak Academy 2026

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

I am in Cohort A of the 2026 course

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

N/A

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

N/A

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Entry #: 803 **Status:** Reviewed **Submitted:** 3/12/2026 9:26 AM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Christopher R Shealey

Pronouns

He/Him/His

Preferred First Name

Ryan

Spouse/Partner Name (If applicable)

Phyiscal Address

530 Old Mill Village Dr, Apex, North Carolina 27502

Mailing Address

Same, Same, North Carolina 27502

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Multimodal Transportation Advisory Board (MTAB), Planning Board (PB)

How did you hear about this opportunity to serve?

Town Email, Peak Weekly Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Bachelors Degree

Current Employer

Extron

Current Job Title

Senior DevOps Engineer

Employer Main Work Telephone Number

(919) 850-1000

Employer Onsite Office Location

Raleigh, North Carolina 27502

Please briefly describe your job function and core duties,

Create a test framework for fellow engineers to follow when testing feature work.

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I believe walkable towns and cities are once again our future for urban living. For almost a decade I have tried to learn everything I can about cities and how they are developed. I would like to take what I have learned and advise the town on how we grow smart land use.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

1. As someone who does not own a car and bikes everywhere, I can provide a lived experience on what it is like to walk and bike around Apex every day.

2. I personally have riden local busses and Amtrak trains in NC, and can provide feedback on how Apex can shape their mobility hub.

3. I live within walking distance to Town Hall. I will advocate for increased pedestrian safety for the town, because it not only affects visitors of the town but me personally as well.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

1. My goal is to reach all of those in Apex that want to live car free or car light, and advise town officials on how incremental development can reach that goal.

2. I am driven to educate town officials on the power of induced demand, and how endless road widening is not the answer. I believe if more pedestrian focused infrastructure was built, not only would more people walk, less money would be required to build huge roads.

3. I know the town is doing everything they can to make Apex the best it can be, but some change may require marketing. I would enjoy educating the citizens of Apex on good urban living, and avoid the hill of hysteria as much as possible.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I am an avid member of Strong Towns Raleigh, and have avocated for dense walkable development that provides economic vitality. I filled out the Strong Towns Finance Decoder for several towns in Wake County including Apex. I also posted House Bill 369 to the Parking Reform Network.

View the map on this site to see the filled out decoders for all available towns.
https://www.strongtowns.org/decoder

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

I have not spent any time on a government board.

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I rent my townhome

My age range is (please select one):

30 to 45

I have been an Apex resident for

1-3 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

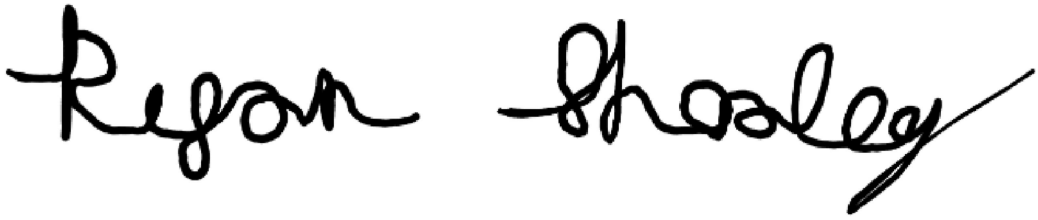
NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below



Entry #: 822 **Status:** Reviewed **Submitted:** 5/27/2026 11:59 AM

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Adriana Staiano

Pronouns

Preferred First Name

Adriana

Spouse/Partner Name (If applicable)

Joseph

Phyiscal Address

1209 Blue Mist Court, Apex, North Carolina 27502

Mailing Address

SAME, Apex, North Carolina 27502

Email **Mobile Phone** **Alternate Phone (work/home)**

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Planning Board (PB), Parks & Recreation

How did you hear about this opportunity to serve?

Town Email

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

Unemployed/Retired

Current Job Title

none

Employer Main Work Telephone Number

NA

Employer Onsite Office Location

NA, North Carolina 27502

Please briefly describe your job function and core duties,

NA

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

Participating in Peak Academy and would like to be more involved with the Town of Apex

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

As a new resident to Apex I believe I can offer a fresh perspective
I care about the growth and direction of the town as it is expanding significantly
I am willing to contribute the time and effort towards getting the best outcomes for the community of Apex

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Learn what the goal and function of the Board of Adjustments is and serve to make the best decisions possible
I care about the growth and direction of the town as it is expanding significantly
I am willing to contribute the time and effort towards getting the best outcomes for the community of Apex

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

NA

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

None

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

Over 55

I have been an Apex resident for

less than 1 year

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

Adriana Staiano

Entry #: 802 **Status:** Submitted **Submitted:** 2/28/2026 3:22 PM

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Learn more about each of the committees listed below.

Profile and General Information

Legal Name

brian c yates

Pronouns

Preferred First Name

Brian

Spouse/Partner Name (If applicable)

Gayle Yates

Phyiscal Address

7113 beaver trail, Apex, North Carolina 27502

Mailing Address

7113 beaver trail, Apex, North Carolina 27502

Email

sogrounds@gmail.com

Mobile Phone

(919) 422-0739

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Planning Board (PB)

How did you hear about this opportunity to serve?

Town Website

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

High School Diploma or GED

Current Employer

Southern Grounds Control Inc

Current Job Title

President

Employer Main Work Telephone Number

9194220739

Employer Onsite Office Location

apex, North Carolina 27502

Please briefly describe your job function and core duties,

I am the owner of a grading/utility company right here in Apex. I handle everything from bidding jobs to operating equipment

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I am a life long resident of Apex. I would like to use my experiences in the town to continue to shape our community for the better of all of our citizens.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I am native and will live here forever, so the decisions I make will impact me going forward. I am open minded to new things in Apex. I am personable, I feel like I am easy to talk too.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

I would like to keep Apex the town I grew up in and continue to enjoy although it looks different. I will be accessible to those with cases before the board. I would like to see growth managed in a way as to not put burdens on the existing citizens.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

I was the President of the Apex Volunteer fire Department, for 2 years and served as a volunteer for 24 years. Recently I served as President of the rotary club of Apex. This role kept me in tune with the needs of our community that do not always make it into the headlines. In my Presidency we were able to help many groups in the Apex area.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

None

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

na

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person, but have rewatched the livestream recordings of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

5 or more hours per month

Demographic Information

Do you live within the Apex town limits?

No

Do you live within the town's extra-territorial jurisdiction (ETJ)?

Yes

Gender

Male

Ethnicity

White/Non-Hispanic

Do you rent or own your home?

I own my single family home

My age range is (please select one):

46 to 55

I have been an Apex resident for

More than 10 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

na

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

na

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

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Please signing below

Entry #: 788 **Status:** Submitted **Submitted:** 1/14/2026 8:39 PM

Advisory Boards have been established to increase community input and participation in Town government. Some advisory boards exist to advise and make recommendations on important policy matters to the Apex Mayor and Town Council, while others have regulatory responsibilities that are established by law.

Members of advisory boards provide an invaluable service to our Town, and the Town of Apex Mayor and Town Councilmembers appreciate the interest of all residents willing to serve their community through participation on Town advisory boards.

The Apex Mayor and Town Councilmembers are committed to appoint diverse, qualified, and dedicated people to these advisory boards to achieve board membership with people of all ages, interests, and backgrounds. All appointments are taken with great care by the governing body for the Town of Apex. Factors considered in appointments and reappointments include eligibility, civic and political participation, equitable geographic and diversity representation, skill sets, and board attendance.

Applicants seeking appointments to a specific board are strongly urged to attend several meetings of the board prior to completing and submitting an application.

Completed applications are retained in the Office of the Town Clerk until such time that a vacancy occurs or for up to one-year from the application submission date. Please note, your completed application is subject to public inspection upon request.

Learn more about each of the committees listed below.

Profile and General Information

Legal Name

Tianduo Zhang

Pronouns

She/Her/Hers

Preferred First Name

Spouse/Partner Name (If applicable)

Howard Gou

Phyiscal Address

1044 Blackpool Ct, Apex, North Carolina 27502

Mailing Address

1044 Blackpool Ct., Apex, North Carolina 27502

Email

Mobile Phone

Alternate Phone (work/home)

Are you current on your Town of Apex and Wake County property taxes?

Yes

I'm interested in serving on... (please select all boards you are interested in being considered for appointment)

Board of Adjustment (BOA), Environmental Advisory Board (EAB)

How did you hear about this opportunity to serve?

Friend / Neighbor, Town Employee / Elected Official

Professional Experience

If you applying to be a youth representative, please put "Youth Rep" in the required text fields below.

Education

Masters Degree

Current Employer

North Carolina Central University

Current Job Title

Assistant Professor in Mass Communication

Employer Main Work Telephone Number

9195307200

Employer Onsite Office Location

Durham, North Carolina 27502

Please briefly describe your job function and core duties,

Teaching. Research. Service

Interest and Civic / Volunteer Experience

Please explain the reasoning for your interest in serving on this board. Your response may include lived experiences, qualifications, skills, and attributes and any other information that might distinguish your application from other candidates.

I hear that one was having a hard time fill but zoning appeal is so important for the town. I have a doctoral degree and I am pretty comfortable with data and reading complex cases. I am trained in promoting civic discourse and civic engagement through Citizen University.

Please describe three (3) reasons why your service on the chosen board could be beneficial to the Town of Apex.

I work for a public university so no conflict of interests. I do research for living so I will very carefully review whatever case is at hand and come up with solutions if needed to be. I am very comfortable with data and analysis so my decision would be data driven.

If appointed to your preferred board, please describe your top three (3) goals or initiatives you would hope to achieve during your term.

Board of adjustment is a need based board. I don't have an agenda myself.

Please describe your recent volunteer experience and how this positively contributed to the Town of Apex.

Organized my HOA Chelsea Run to complete Town of Apex beautification grant.

Please list any governmental board (noting the length of time) on which you are currently or have previously served that might distinguish your application from other candidates.

Not a board but I worked with Durham Public Health Department securing and delivering a 2 year 2 million dollar federal grant on promoting public health literacy.
Served as scientist on NC PFAS Test Network (2 years).
Advice NC HHS on community survey development (one time)

Have you read the current Charter and Scope of Responsibilities associated with the board you seek to serve on

Yes, I read and understand the current scope and responsibilities assigned to the board.

Are you a Peak Academy Graduate?

No

If you are a recent graduate of Peak Academy, please indicate the year you attended. If you are not a Peak Academy Graduate, please put NA.

NA

Have you attended two (2) or more advisory board meetings within the last 12 months?

No, I have not attended meetings in-person of the advisory board for which I am applying for.

How many hours per month are you available to serve in-person, if selected.

3-5 hours per month

Demographic Information

Do you live within the Apex town limits?

Yes

Do you live within the town's extra-territorial jurisdiction (ETJ)?

No

Gender

Female

Ethnicity

Asian or Pacific Islander

Do you rent or own your home?

I own my single family home

My age range is (please select one):

30 to 45

I have been an Apex resident for

4-6 years

Conflict of Interest Declarations and Disclosures

Do you have any personal or business interest that could create a conflict (either real or perceived) if appointed?

No

If you selected yes, please provide additional details below. If not, please indicate NA.

NA

Are you an immediate family member of a current Town of Apex Employee, Town Elected Official, or Advisory Board/ Committee appointee?

No

If you selected yes, please the immediate family members name and affiliation with the Town. If not, please indicate NA.

NA

Have you reviewed the Town of Apex Resident Advisory Board Administrative Policy?

Yes

I, hereby, authorize Town of Apex to verify all information included in this application. I certify that the information contained in this application is true according to the best of my knowledge and belief. I certify that I am providing my legal name and address in which I reside. I understand that inaccurate or untrue information will be cause for immediate removal from any appointed advisory board. By submitting this application, I agree to adhere to all Town policies pertaining to advisory boards, including attendance. I understand that this application is subject to the N.C. Public Records Law (NCGS § 132-1) and may be released upon request.

Please signing below

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)		Mayor Jacques K. Gilbert *(Recommendation)*		Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
CAAB	Broadnax	Jessica	New	CL	BOA, EAB, PB, PRAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB	Famolare	Christy	New	CL	PRAB		**JKG**		**TM**	AZ	**EG**	**SR**	SM	**3**
CAAB	Harrien	Darryl	Reappoint	CL	PRAB		**JKG**		**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Mohammad	Ishak	New	CL	BOA, EAB, MTAB, PB		JKG		TM	AZ	EG	SR	**SM**	**1**
CAAB	Premlata	Vaishnava	New	CL	BOA, EAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB	Prendes	Amie	New	CL	N/A		**JKG**		TM	**AZ**	EG	SR	SM	**1**
CAAB	Schultz	Erin	New	CL	N/A		JKG		**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
CAAB	Shoyoye	Adesiyan "Shiyan"	New	CL	PRAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Chappidi	Sathvika	New	CL	EAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Corsetti	Julianna	Reappoint	CL	N/A		**JKG**		**TM**	**AZ**	EG	**SR**	**SM**	**4**
CAAB-Youth	Jain	Nirjara	New	CL	MTAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Koshti	Ritu	New	CL	N/A		JKG		TM	AZ	**EG**	SR	SM	**1**
CAAB-Youth	Linson	Makyia	New	CL	EAB		JKG		TM	AZ	EG	SR	SM	**0**
CAAB-Youth	Liu	Angela	New	CL	EAB, PRAB		JKG		TM	AZ	EG	SR	SM	**0**
EAB-Youth	Andrady	Alana	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
EAB-Youth	Green	Alexis	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
EAB-Youth	Linson	Makyia	New	CL	CAAB		JKG		TM	AZ	**EG**	SR	SM	**1**
EAB-Youth	Liu	Angela	New	CL	CAAB, PRAB		**JKG**		**TM**	AZ	EG	**SR**	**SM**	**3**
EAB-Youth	Pancras	Arni	New	CL	MTAB, PB, PRAB		JKG		TM	**AZ**	EG	SR	SM	**1**
EAB-Youth	Singareddy	Vishwacq	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
EAB-Youth	Strobl	Graham	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Bacola	Robert	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Gerhard	William "Billy"	**Other**	CL	BOA, EAB, PB		JKG		**TM**	**AZ**	EG	SR	SM	**2**
MTAB	Gregus	Louis	New	CL	BOA, PB		**JKG**		TM	AZ	**EG**	SR	SM	**1**
MTAB	Jain	Nijara	New	CL	CAAB		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Lawrence	Kevin	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Meadows	John	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, PB		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Poythress	Michael	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Pritchard	Ewan	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Rodgers	Martha	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Saket	Jain	**Other**	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB	Shealey	Christopher	New	CL	PB		JKG		TM	AZ	EG	**SR**	**SM**	**2**
MTAB	Waldorf	William	New	CL	N/A		JKG		TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Bang	Elizabeth	New	CL	EAB, PB		JKG		TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Kadari	Samiksha	Reappoint	CL	N/A		**JKG**		**TM**	**AZ**	**EG**	**SR**	**SM**	**5**
MTAB-Youth	Pancras	Arni	New	CL	EAB, PB, PRAB		JKG		TM	AZ	EG	SR	SM	**0**
MTAB-Youth	Tadishetti	Ritika	New	CL	EAB, PB		JKG		TM	AZ	EG	SR	SM	**0**

08/24/2026
Prepared by Town Clerk Allen Coleman

TOWN OF APEX
COUNCILMEMBER NOMINATIONS FOR RESIDENT ADVISORY BOARD OPENINGS
OFFICIAL NOMINATION RECORD

Board(s) Applied	Legal Last Name	Legal First Name	New / Reappoint	Corporate Limits (CL) / ETJ	Alternative Board Interest(s)	Mayor Jacques K. Gilbert *(Recommendation)*	Mayor Pro-Tempore Terry Mahaffey	Councilmember Arno Zegerman	Councilmember Ed Gray	Councilmember Shane Reese	Councilmember Sue Mu	TOTAL
PRAB	Baber	Robert	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Broadnax	Jessica	New	CL	BOA, CAAB, EAB, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Croom	Jeremy	Reappoint	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB	Famolare	Christy	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB	McQuaig	Jessica	New	CL	EAB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB	Shoyoye	Adesiayn "Shiyan"	New	CL	CAAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Herbst	James "Jim"	New	CL	N/A	**JKG**	**TM**	**AZ**	EG	**SR**	**SM**	**4**
PRAB-Senior	McClellan	Beverly	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Mohammad	Ishak	New	CL	BOA, CAAB, EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**
PRAB-Senior	Staiano	Adriana	New	CL	BOA, PB	JKG	TM	AZ	**EG**	SR	SM	**1**
PRAB-Youth	Liu	Angela	New	CL	CAAB, EAB	JKG	TM	**AZ**	EG	SR	SM	**0**
PRAB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PB	**JKG**	**TM**	AZ	**EG**	**SR**	**SM**	**4**
PRAB-Youth	Rao	Adhvick	Reappoint	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Bang	Elizabeth	New	CL	EAB, MTAB	JKG	**TM**	AZ	EG	SR	SM	**1**
PB-Youth	Cook	Kaleb	New	CL	N/A	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Dickerson	Maxwell "Max"	New	CL	N/A	JKG	TM	AZ	**EG**	SR	SM	**0**
PB-Youth	Jesperson	Nathan	New	CL	N/A	**JKG**	TM	**AZ**	**EG**	**SR**	**SM**	**4**
PB-Youth	Pancras	Arni	New	CL	EAB, MTAB, PRAB	JKG	TM	AZ	EG	SR	SM	**0**
PB-Youth	Tadishetti	Ritika	New	CL	EAB, MTAB	JKG	TM	AZ	EG	SR	SM	**0**

LEGEND	
	Nominations
Other	Currently Appointed to Another Board / Serving

08/24/2026
Prepared by Town Clerk Allen Coleman