

## Council Members

R. Gary Allen  
Charmaine Crabb

Jerry 'Pops' Barnes  
Glenn Davis

John M. House  
Bruce Huff

R. Walker Garrett  
Toyia Tucker

Judy W. Thomas  
Evelyn 'Mimi' Woodson

**Clerk of Council**  
Sandra T. Davis



Council Chambers  
C. E. "Red" McDaniel City Services Center- Second Floor  
3111 Citizens Way, Columbus, GA 31906

September 27, 2022  
5:30 PM  
Regular Meeting

---

## MAYOR'S AGENDA

---

**CALL TO ORDER:** Mayor B. H. "Skip" Henderson, III, Presiding

**INVOCATION:** Offered by Pastor Vincent Bell, Sr., The Edge Church of Columbus, Georgia

**PLEDGE OF ALLEGIANCE:** Led by Mayor Henderson

### **MINUTES**

1. Approval of minutes for the September 13, 2022 Council Meeting and Executive Session.

### **PROCLAMATIONS:**

2. **PROCLAMATION:** Diaper Need Awareness Week  
**RECEIVING:** The Junior League of Columbus, GA
3. **PROCLAMATION:** Communities in Motion Day  
**RECEIVING:** Rosa Evans, Director, and the Department of Transportation

### **PRESENTATION:**

4. International Fellowship Program (Fire & EMS Chief, Sal Scarpa)

# **CITY ATTORNEY'S AGENDA**

## **ORDINANCES**

- 1.** **2nd Reading-** REZN-07-22-1374: An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **1310 13th Avenue / 1315 Delauney Avenue** (parcel # 026-005-006 / 026-005-005) from NC (Neighborhood Commercial) Zoning District to GC (General Commercial) Zoning District. (Planning Department and PAC recommend approval)(Councilor Woodson)
- 2.** **2nd Reading-** REZN-07-22-1377: An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **3408 5th Avenue, 3414 5th Avenue, 500 35th Street, 502 35th Street , 504 35th Street, 506 35th Street, 508 35th Street, 3419 6th Avenue, 3417 6th Avenue, 3413 6th Avenue, 3411 6th Avenue, 3409 6th Avenue, 3403 6th Avenue, 3401 6th Avenue, 3319 6th Avenue, 3317 6th Avenue, 3313 6th Avenue, 3309 6th Avenue, and 3305 6th Avenue** from RMF1 (Residential Multifamily 1) and RMF2 (Residential Multifamily 2) Zoning District to RMF2 (Residential Multifamily 2) Zoning District. (Planning Department and PAC recommend approval) (Councilor Garrett)
- 3.** **1st Reading-** REZN-07-22-1372: An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **8401 / 8421 / 8439 Veterans Pkwy / 2020 Old Guard Road** (parcel # 079-001-038 / 001 / 031 / 041) from SFR1 (Single Family Residential 1) and RE1 (Residential Estate 1) Zoning Districts to RO (Residential Office) and GC (General Commercial) Zoning Districts. (Planning Department and PAC recommend approval) (Councilor Davis)

## **RESOLUTIONS**

- 4.** Resolution- EXCP-07-22-1378: A Resolution authorizing a Special Exception to allow a Church with greater than 250 seats in a RMF2 (RESIDENTIAL MULTIFAMILY 2) Zoning District located at **3408 5th Avenue**. (Planning Department and PAC recommend approval.)(Councilor Garrett)
- 5.** A resolution of the Columbus Council to directs the Clerk of Council to hereby hold any pending or future requests for honorary naming until further notice from this Council so that Council may review the recommendations of the Board of Honor, the Clerk of Council and the City Manager and propose any necessary revisions to the current code sections contained in Article VII or adopt any administrative procedures needed to improve the renaming criteria and procedures. (Add-On Resolution)



## **PUBLIC AGENDA**

1. Mr. Antwane Darby, representing Pedal Pub Columbus Georgia, Re: A request to amend Section 3-15 to allow alcohol consumption on a moving vehicle with multi-passenger, pedal powered tour ridership.
2. Ms. Jennifer Le Denney, Re: The pay study for city employees.

## **CITY MANAGER'S AGENDA**

### **1. Standing Boy Preserve Intergovernmental Agreement and Management Agreement**

Approval is requested to execute an Intergovernmental Agreement with Georgia Department of Natural Resources and a Management Agreement with Standing Boy, Inc. for the use and operation of the Standing Boy Preserve.

### **2. METRA FY2024 5303 Grant Application for Planning Assistance**

Approval is requested to authorize the Department of Transportation/METRA to apply to the Georgia Department of Transportation (GDOT) for a capital, planning and operating grant in the amount of \$158,324.00 or otherwise awarded. Approval is also requested to authorize the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.

### **3. Columbus Fire and EMS Strategic Plan and Standards of Cover/Community Risk Assessment Update**

Approval is requested for approval of the Columbus Department of Fire and Emergency Medical Services Strategic Plan and Standards of Cover/Community Risk Assessment documents.

### **4. PURCHASES**

- A.** US 80/SR 22/Beaver Run at Psalmond Road Intersection Improvements – RFB No. 23-0004
- B.** Customized Fleet Supply Chain And Parts Inventory Management Aka Integrated Business Solutions (Annual Contract)
- C.** Pharmaceutical Supply Services ( Annual Contact)- RFB NO. 23-0013
- D.** Resolution Rescindment for Roofing Services at Gallops Senior Center/Linwood Tillis Park – RFB No. 22-0017

- [E.](#) Fleet Maintenance/Fire Apparatus Services and Repairs (Annual Contract) – RFP No. 22-0019
- [F.](#) Fifteen (15) Stryker Lifepak 1000 Automatic External Defibrillators and Accessories for Fire & EMS
- [G.](#) Maintenance Service Agreement for Lifepack 15 Cardiac Monitors for Fire &EMS
- [H.](#) Surplus Equipment
  - H1. CPD Motor Transport 2022 Surplus
  - H2. Fire and EMS Surplus Action Items 2022
  - H3. METRA 2022 Surplus Auction Sheet
  - H4. Sheriff- Jail 2022 Surplus
  - H5. Traffic Engineering Surplus Auction List 2022
  - H6. Fleet Salvage Yard -2022 Surplus
- [I.](#) One (1) 2023 Ford Explorer for the Engineering Department – Georgia Statewide Contract Cooperative Purchase
- [J.](#) Two (2) 2023 Ford Explorers for the Engineering Department – Georgia Statewide Contract Cooperative Purchase
- [K.](#) Three (3) 2023 Ford Explorers for the Fire & EMS Department – Georgia Statewide Contract Cooperative Purchase

## **5. UPDATES AND PRESENTATIONS**

- [A.](#) Judicial Center Update – Doug Kleppin, SLAM Collaborative
- [B.](#) Short Term Rental Update - Ryan Pruett, Planning Department
- [C.](#) Sheriff's Office FY22 Budget Update - Sheriff Greg Countryman
- [D.](#) Compensation Pay Plan Appeals Update - Reather Hollowell, Human Resources Director

## **BID ADVERTISEMENT**

**September 28, 2022**

**1. PI 0011436 – Muscogee County Buena Vista Road Improvements at Spiderweb-Phase II – RFB No. 23-0005**

**Scope of Bid**

Phase II of the Buena Vista Road Improvements at the Spiderweb includes the construction of two (2) bridges, one (1) of which requires Norfolk southern permitting; construction of a roundabout at Illges Road and Ace Way Drive; construction of Buena Vista Road east of the intersection with Annette Avenue, Martin Luther King, Jr. Boulevard north of Brewer Elementary School, Illges Road, Lindsay Drive, Andrews Road, Morris Road and Ace Way Drive, as well as the installation of traffic signals.

Utilities were relocated in Phase I of the project. The Annette Avenue roundabout at Martin Luther King, Jr. Boulevard and Annette Avenue were constructed in Phase I.

**2. Roofing Services at Edgewood Senior Center – RFB No. 23-0007**

**Scope of Bid**

Provide all labor, equipment, and materials to remove the existing roof at the Edgewood Senior Center and replace with a thermoplastic polyolefin (TPO) roof system, in full compliance with the project manual.

**3. Fox Senior Center Wall and Roof Project – RFB No. 23-0008**

**Scope of Bid**

Provide all labor, equipment, and materials to repair the designated roof and walls, in full compliance with the project manual, at Fox Senior Center.

**4. Exterior Wall Renovation at 29th Street Gym – RFB No. 23-0009**

**Scope of Bid**

Provide all labor, equipment, and materials to repair the designated walls, in full compliance with the project manual, at the 29th Street Gym.

**5. Public Safety Building Deck and Wall Restoration – RFB No. 23-0010**

**Scope of Bid**

Provide all labor, equipment, and materials to repair the designated deck and walls, in full compliance with the project manual, at the Public Safety Building.

**6. Bus Shelters (Annual Contract) – RFB No. 23-0011**

Scope of Bid

The Columbus Consolidated Government of Columbus, Georgia (the City) is seeking qualified vendors to provide bus shelters to METRA on an “as needed” basis. The contract term will be for three years.

**7. 4’ Swing Benches for METRA Transfer Center – PQ No. 23-0004**

Scope of PQ

The Columbus Consolidated Government (the City) is seeking quotes from qualified vendors to provide four (4) swing benches (complete sets) of commercial grade metal, for outdoor use at the Department of Transportation/METRA Transfer Center.

**September 30, 2022**

**1. Security Surveillance & Security Access Equipment (Annual Contract) – RFP No. 23-0002**

Scope of RFP

It is the intent of Columbus Consolidated Government (the City) to enter into a contractual agreement with a qualified contractor for the provision and maintenance services of security surveillance and security access equipment for various locations of the Columbus Consolidated Government.

The contract term shall be for two (2) years with the option to renew for three (3) additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

**October 5, 2022**

**1. Drill Field Maintenance and Inspections for Fire & EMS Department (Annual Contract) RFB No. 23-0014**

Scope of RFB

It is the intent of the Columbus Consolidated Government (the City) to secure an annual contract with a vendor to provide drill field maintenance and inspections. The contract period will be for two (2) years with the option to renew for three (3) additional twelve-month periods.

Upon notification by Columbus Fire and EMS, the successful vendor shall provide preventive maintenance services, semi-annual inspections, and equipment repairs for the department drill field burn tower located at 4191 Macon Road, (behind Station 9 at 3601-3773 Giddens Road) Columbus, GA 31907 to include the natural gas ignition system.

## **October 7, 2022**

### **1. Architectural & Engineering Services (Annual Contract) – RFP No. 23-0007**

#### **Scope of RFP**

Columbus Consolidated Government is requesting proposals from qualified firms to provide professional architectural and engineering services on an as-needed basis for various construction projects.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

### **2. Roofing Consulting Services (Annual Contract) – RFP No. 23-0008**

#### **Scope of RFP**

Provide complete roofing consulting services, on an as-needed basis, for individual buildings. Columbus Consolidated Government owns buildings consisting of approximately 60 buildup roofs, 40 metal roofs and 75 shingle roofs; however, services may not be required for all the buildings.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

## **October 19, 2022**

### **1. Confiscated Firearms for Credit or Swap – RFB No. 23-0003**

#### **Scope of Bid**

The Columbus Consolidated Government (the City) is offering confiscated firearms for sale to a licensed firearms dealer who can issue a credit to purchase or swap for Rock River LE2020M rifles with accessories.

# **CLERK OF COUNCIL'S AGENDA**

## **ENCLOSURES - ACTION REQUESTED**

### **1. Minutes of the following boards:**

Animal Control Advisory Board, June 23, 2022

Board of Tax Assessors, #27-22

Board of Zoning Appeals, August 2, 2022

Planning Advisory Commission, August 17, 2022

Tree Board, August 22, 2022

## **BOARD APPOINTMENTS - ACTION REQUESTED**

### **2. MAYOR'S APPOINTMENTS- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

#### **A. COLUMBUS IRONWORKS CONVENTION & TRADE CENTER AUTHORITY:**

**Craig Burgess**- Interested in serving another term

*(Mayor's Appointment)*

*Eligible to succeed*

Term Expires: October 24, 2022

*These are three-year terms. Board meets monthly.*

**Women: 2**

**Senatorial District 15: 1**

**Senatorial District 29: 4**

#### **B. HOUSING AUTHORITY OF COLUMBUS:**

**Tiffani Stacy**- Interested in serving another term

*(Mayor's Appointment)*

(Resident Member)

*Eligible to succeed*

Term Expires: November 16, 2022

*These are five-year terms. Board meets monthly.*

**Women: 3**  
**Senatorial District 15: 4**  
**Senatorial District 29: 3**

**C. PUBLIC SAFETY ADVISORY COMMISSION:**

**Pete Temesgen**

*(Mayor's Appointment)*

*Accepted a judgeship*

Term Expires: October 31, 2023

3. **COUNCIL'S DISTRICT SEAT APPOINTMENT- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

**A. PUBLIC SAFETY ADVISORY COMMISSION:**

**Bryon Hickey**

**(Council District 1- Barnes)**

*Not eligible to succeed*

Term Expires: October 31, 2022

**Friar Noel Danielewicz**

**(Council District 3- Huff)**

*Seat Declared Vacant*

Term Expires: October 31, 2022

**Donald Watkins**

**(Council District 5- Crabb)**

*Not eligible to succeed*

Term Expires: October 31, 2022

**Lisa Branchcomb**

**(Council District 7- Woodson)**

*Does not desire reappointment*

Term Expires: October 31, 2022

**Scott Taft**

**(Council District 9- Thomas)**

*Eligible to succeed*

Term Expires: October 31, 2022

*These are three-year terms. Board meets monthly.*

4. **COUNCIL APPOINTMENTS- ANY NOMINATIONS WOULD BE LISTED FOR THE NEXT MEETING:**

**A. HOSPITAL AUTHORITY OF COLUMBUS:**

**Betty Tatum**

*Eligible to succeed*

Term Expires: November 14, 2022

Open for Nominations  
**(Council's Nomination)**

**Susan McKnight**

*Eligible to succeed*

Term Expires: November 14, 2022

Open for Nominations  
**(Council's Nomination)**

**Cynthia Williams Jordan**

*Eligible to succeed*

Term Expires: November 14, 2022

Open for Nominations  
**(Council's Nomination)**

***\*The Council submits three (3) nominees to the Hospital Authority for each seat and the Hospital Authority selects the successor for Council's confirmation.***

*The terms are three years. Board meets monthly.*

*The City of Columbus strives to provide accessibility to individuals with disabilities and who require certain accommodations in order to allow them to observe and/or participate in this meeting. If assistance is needed regarding the accessibility of the meeting or the facilities, individuals may contact the Mayor's Commission for Persons with Disabilities at 706-653-4492 promptly to allow the City Government to make reasonable accommodations for those persons.*



**File Attachments for Item:**

1. Approval of minutes for the September 13, 2022 Council Meeting and Executive Session.

# COUNCIL OF COLUMBUS, GEORGIA

## CITY COUNCIL MEETING

### MINUTES

Council Chambers  
C. E. “Red” McDaniel City Services Center- Second Floor  
3111 Citizens Way, Columbus, GA 31906

September 13, 2022  
9:00 AM  
Regular Meeting

---

#### **M A Y O R ’ S   A G E N D A**

---

**PRESENT:** Mayor B. H. “Skip” Henderson, III and Mayor Pro Tem R. Gary Allen and Councilors Jerry “Pops” Barnes (arrived at 9:30 a.m.), Charmaine Crabb, Glenn Davis, R. Walker Garrett, John M. House, Bruce Huff (arrived at 9:08 a.m., via Microsoft Teams), Judy W. Thomas, Toyia Tucker, and Evelyn “Mimi” Woodson (arrived at 9:58 a.m.). City Manager Isaiah Hugley, City Attorney Clifton Fay, Clerk of Council Sandra T. Davis, and Deputy Clerk of Council Lindsey G. McLemore were present.

**The following documents have been included as a part of the electronic Agenda Packet:** (1) Standing Boy Trails Management Plan- Fall 2022 Presentation; (2) Classification & Compensation Plan Presentation; (3) Comprehensive Camera Project Update Presentation

**The following documents were distributed to the members of Council:** (1) An Open Memorandum, Re: Employee Appeals Under the Proposed Pay Plan

**CALL TO ORDER:** Mayor B. H. "Skip" Henderson, III, Presiding

**INVOCATION:** Offered by former Councilor Wayne Anthony

**PLEDGE OF ALLEGIANCE:** Led by Mayor Henderson

#### **MINUTES**

1. Approval of minutes for the August 30, 2022, Council Meeting. Councilor Tucker made a motion to approve the minutes, seconded by Mayor Pro Tem Allen and carried unanimously by the seven members present, with Councilors Barnes, Huff and Woodson being absent for the vote.

#### **PROCLAMATIONS:**

2. **PROCLAMATION:** Help the Hooch Days

**RECEIVING:** Lisa Thomas-Cutts, Director of the Keep Columbus Beautiful Commission

**Mayor B. H. “Skip” Henderson** acknowledge the efforts of the Keep Columbus Beautiful Commission to keep our community and waterways clean and beautiful at the leadership of Director Lisa Thomas-Cutts.

4. **PROCLAMATION:** Constitution Week

**RECEIVING:** The George Walton Chapter of the Daughters of the American Revolution (DAR), Oglethorpe DAR Chapter, Coweta Falls Sons of the American Revolution (SAR) Chapter, Lucy Spell Raiford CAR Society

**Councilor John House** read the proclamation into the record, proclaiming the week of September 17-23, 2022, as *Constitution Week*, recognizing the importance of the ratification of the American Constitution.

3. **PROCLAMATION:** Public Safety Week

**RECEIVING:** Public Safety Officials

**Mayor Pro Tem R. Gary Allen** read the proclamation into the record, proclaiming the week of September 4-11, 2022, as Public Safety Week, recognizing the dedication of the men and women of public safety in keeping the community safe.

## **CITY MANAGER'S AGENDA**

### **5. UPDATES AND PRESENTATIONS**

B. Standing Boy Trails Update – Blake Melton, Chair, Standing Boy INC.

**Chairman Blake Melton (Standing Boy, INC)** approached the rostrum to provide an update on the Standing Boy Trail System. He explained there are twenty-five miles of multi-use trails, six miles of hiking only trails, and five miles of biking only trails, for a total cost of \$2.5 million. He stated the proposal is for the Department of Natural Resources (DNR) to enter into an agreement with the City of Columbus but would retake possession of the park during the two-youth turkey hunts a year, ensuring the City of Columbus would have no responsibility during these events. He also explained it is being proposed that the City of Columbus enter into a management agreement with Standing Boy, INC for management of the park. (*NOTE: This update was called up as the next order of business as listed on the City Manager's Agenda Item 5 "B"*)

A. Compensation Pay Plan Update - Reather Hollowell, Human Resource Director

**City Manager Isaiah Hugley** approached the rostrum to provide an update on the proposed compensation pay plan. He explained his conversation with a long-term employee who was recommended to receive a pay increase of \$13,000 a year, where this employee expressed her concerns on the possibility of the plan not being approved. He stated an appeals process has been put in place and the correction process has been expanded, but employees are still able to file an appeal within two years as set in the policies set by the Human Resources Department. (*NOTE: This update was called up as the next order of business as listed on the City Manager's Agenda Item 5 "A"*)

**Human Resources Director Reather Hollowell** approached the rostrum to provide information on the request for correction process. She explained during the correction process employees may appeal their hire date, last class date, job title or position title, pay grade, pay rate, or a comparison of one position versus another position. She stated the appeals invitation letter was sent to each employee from Evergreen Solutions on September 6, 2022, with the deadline to submit an appeal being September 16, 2022.

**Project Manager Mark Holcombe** approached the rostrum to respond to questions asked by the members of Council present. He explained he believes the appeals will only take a few weeks, but they have already began addressing the appeals that have been received.

**IT Director Forrest Toelle** approached the rostrum to respond to questions and comments made regarding the implementation of the new pay for each employee as it pertains to the IT Department's involvement.

## **CITY ATTORNEY'S AGENDA**

### **ORDINANCES**

1. **Ordinance (22-045) - 2nd Reading-** An ordinance adopting a new Classification and Compensation Plan for The Consolidated Government and amending Fiscal Year 2023 Budget Ordinance No. 22-027; restating and modernizing other pay plan provisions included in Section 16B of the Columbus Code; providing for a delayed effective date; and for other purposes. (Continued on 1st Reading from 8-23-22) (Mayor Pro-Tem) Councilor Davis made a motion to amend the ordinance to authorize the City Manager and Human Resources Director to proceed with all necessary steps to implement the Pay Plan as set forth herein subject to the adoption of an additional implementation resolution of Council prior to the implementation date, seconded by Councilor Garrett and carried unanimously by the ten members present. Councilor Davis made a motion to adopt the ordinance as amended, seconded by Councilor Crabb and carried unanimously by the ten members present.

**Councilor Toyia Tucker** provided the comprehensive pay plan timeline for the record. She stated the Council requested the pay study begin in January 2022, Council discussed what they wished to accomplish from the study on February 23<sup>rd</sup>, employees had the opportunity to complete the job assessment from March 7 to March 25<sup>th</sup>, department heads reviewed the assessments completed by their employees from March 29<sup>th</sup> to April 11<sup>th</sup>, Evergreen then used the information to draft job descriptions and recommend appropriate job titles and salaries, Council was presented the recommendations in a report summary without details on July 26<sup>th</sup>, and the ordinance was listed on 1<sup>st</sup> reading and the full report was provided on August 8<sup>th</sup>. She explained the members of Council were not given enough time to fully analyze the information provided in the report, so they would be able to address any issues before the pay plan is approved.

2. **Ordinance (22-046) - 2nd Reading-** An ordinance regulating vehicular traffic in Columbus, Georgia by establishing a list of roadways approved for the use of speed detection devices on behalf of the Columbus Consolidated Government; repealing conflicting ordinances; and for other purposes. (Mayor Pro-Tem) Mayor Pro Tem Allen made a motion to adopt the ordinance, seconded by Councilor Woodson and carried unanimously by the ten members present.
3. **Ordinance (22-047) - 2nd Reading-** An ordinance amending the operating and capital improvement budget for the Fiscal Year 2023 beginning July 1, 2022, and ending June 30, 2023, for certain funds of the Consolidated Government of Columbus, Georgia to provide for a five percent increase to the current salaries of Juvenile Court Judges serving Muscogee County pursuant to an order of the Chief Judge of Superior dated June 30, 2022; and for other purposes. (Request of Muscogee County Superior Court) Mayor Pro Tem Allen made a motion to adopt the ordinance, seconded by Councilor Woodson and carried unanimously by the ten members present.

4. **1st Reading-** REZN-07-22-1374: An ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at 1310 13th Avenue / 1315 Delauney Avenue (parcel # 026-005-006 / 026-005-005) from NC (Neighborhood Commercial) Zoning District to GC (General Commercial) Zoning District. (Planning Department and PAC recommend approval) (Councilor Woodson)

**Mr. Ernie Smallman** approached the rostrum to explain the reasons for the proposed rezoning. He explained the rezoning would allow the property to have more uses under General Commercial.

5. **1st Reading-** REZN-07-22-1377: An ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at 3408 5th Avenue, 3414 5th Avenue, 500 35th Street, 502 35th Street, 504 35th Street, 506 35th Street, 508 35th Street, 3419 6th Avenue, 3417 6th Avenue, 3413 6th Avenue, 3411 6th Avenue, 3409 6th Avenue, 3403 6th Avenue, 3401 6th Avenue, 3319 6th Avenue, 3317 6th Avenue, 3313 6th Avenue, 3309 6th Avenue, and 3305 6th Avenue from RMF1 (Residential Multifamily 1) and RMF2 (Residential Multifamily 2) Zoning District to RMF2 (Residential Multifamily 2) Zoning District. (Planning Department and PAC recommend approval) (Councilor Garrett)

## **RESOLUTIONS**

6. A resolution disapproving the pay plan pursuant to Section 8-304(2) of the Charter to prevent its implementation without Council action. (Request of Councilor Thomas) Councilor Thomas withdrew this resolution.

## **PUBLIC AGENDA**

- Ms. Pat Hugley Green, representing the Columbus Alumnae Chapter Delta Sigma Theta Sorority, Inc., Re: The Columbus Alumnae Chapter of Delta Sigma Theta Sorority, Inc would like to encourage our great City of Columbus and the Tri-County Area to become registered voters and vote in every election.
- Mr. Ladarius Colbert, Re: A request for rectification of systematic injustice during the administration of criminal law. ***Not Present***
- Ms. Jennifer Le Denney, Re: The proposed pay raises for all city employees without caps. ***Not Present***

## **CITY MANAGER'S AGENDA**

### **1. Retiree Health Insurance Plan**

**Resolution (285-22):** A resolution authorizing renewal of the Medicare Eligible Health Plan Benefits and the United Healthcare Medicare. Councilor House made a motion to approve the resolution, seconded by Mayor Pro Tem Allen and carried unanimously by the eight members present, with Councilors Davis and Woodson being absent for the vote.

**Mr. Larry Campbell** approached the rostrum to thank the Mayor and Council for their support for the retirees of the Columbus Consolidated Government.

## 2. Supplemental Contract for the Military Drive Project

**Resolution (286-22):** A resolution authorizing the City Manager or designee to enter into a supplemental agreement with the Georgia Department of Transportation (GDOT) to receive additional funding for the preliminary engineering phase of the Military Drive Project. Mayor Pro Tem Allen made a motion to approve the resolution, seconded by Councilor House and carried unanimously by the eight members present, with Councilors Davis and Woodson being absent for the vote.

## 3. SS4A Grant Applications

**Resolution (287-22):** A resolution of the Council of Columbus, Georgia, authorizing the City Manager to make application and receive grant funds under the safe streets and roads for all (SS4A) for South Lumpkin Road. Councilor House made a motion to approve the resolution, seconded by Councilor Garrett and carried unanimously by the nine members present, with Councilor Woodson being absent for the vote.

## 4. PURCHASES

### A. Engineering Services for Military Drive P.I. #0017138 – RFP No. 22-0005

**Resolution (288-22):** A resolution authorizing the execution of a negotiated contract with Heath & Lineback Engineers, Inc. (Marietta, GA) for engineering services related to the construction of Military Drive. Mayor Pro Tem Allen made a motion to approve the resolution, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Woodson being absent for the vote.

### B. One (1) Remote-Operated Tracked Slope Mower for the Public Works Department – Georgia Statewide Contract Cooperative Purchase

**Resolution (289-22):** A resolution authorizing the purchase of one (1) remote-operated tracked slope mower (RC Mowers TK-52XP) for the Public Works Department, from Jet-Vac Equipment Company, LLC (Atlanta, GA) by cooperative purchase via Georgia Statewide Contract #99999-001-SPD0000177-0002, at a unit price of \$65,000.00. Mayor Pro Tem Allen made a motion to approve the resolution, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Woodson being absent for the vote.

### C. Computer Software Security Program for Information Technology – Federal GSA Cooperative Contract Purchase

**Resolution (290-22):** A resolution authorizing the purchase of a computer software security program (Cisco Duo) from Port 53 Technologies (San Francisco, CA), in the amount of \$86,214.80, by cooperative purchase via Federal GSA (MAS Schedule) Contract #GS-35F-303DA. Additionally, it is requested that Council authorize future payments to the vendor for the annual software license/maintenance fee. Mayor Pro Tem Allen made a motion to approve the resolution, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Woodson being absent for the vote.

### D. One (1) Ford Expedition for the Coroner's Office – Georgia Statewide Contract Cooperative Purchase

**Resolution (291-22):** A resolution authorizing the purchase one (1) 2022 Ford Expedition for the Coroner's Office, from Wade Ford (Smyrna, GA) by cooperative purchase via Georgia Statewide Contract #99999-001-SPD0000183-0006, at a total cost of \$55,800.00. Mayor Pro Tem Allen made a motion to approve the resolution, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Woodson being absent for the vote.

## **5. UPDATES AND PRESENTATIONS**

A. Compensation Pay Plan Update - Reather Hollowell, Human Resource Director

*(NOTE: This update, as provided by Human Resources Director Reather Hollowell, was called upon earlier in the meeting during the City Attorney's Agenda.)*

B. Standing Boy Trails Update – Blake Melton, Chair, Standing Boy INC.

*(NOTE: This update, as provided by Chairman Blake Melton, was called upon earlier in the meeting during the Mayor's Agenda.)*

C. Comprehensive Camera Update - Lisa Goodwin, Deputy City Manager

**Deputy City Manager Lisa Goodwin** approached the rostrum to provide an update on the comprehensive camera system. She explained the project would provide camera coverage city-wide as they are installed on various city facilities, with Phase I out of three coming to completion.

## **BID ADVERTISEMENT**

### **September 14, 2022**

#### **1. Feeding the Valley Midland Addition – RFB No. 23-0001**

##### **Scope of Bid**

The project consists of a 24,000 square foot storage facility that will primarily be a pre-engineered metal building that includes 3 loading dock doors. The connection to the existing facility shall be a load-bearing CMU construction with a TPO roof on steel structure.

This is a Section 3 Covered Contract under the HUD Act of 1968 and Section 3 Residents and Business Concerns are encouraged to apply –If Section 3 documents are not properly signed and submitted with the bid, a section 3 preference cannot be made. If no section 3 preference is being claimed, these documents are not required with the bid. Completed Section 3 paperwork will be required of the successful Bidder if a contract is awarded.

#### **2. Pharmaceutical Supply Services (Annual Contract) – RFB No. 23-0013**

##### **Scope of RFB**

The City of Columbus, Georgia is seeking bids from area hospitals, non-area hospitals, wholesale distributors and/or other vendors, interested in providing Pharmaceutical Supply Services for the Columbus Fire and Emergency Medical Services. The contract period will be for two (2) years with the option to renew for three (3) additional twelve-month periods.

### **September 16, 2022**

#### **1. Point-of-Sale System for Columbus Civic Center – RFP No. 23-0003**

##### **Scope of RFP**

Columbus Consolidated Government is seeking proposals from qualified vendors to provide hardware and software for a Point-of-Sale System for Concessions which will replace the system currently used at the Columbus Civic Center.

**September 21, 2022****1. Bus Shelters (Annual Contract) – RFB No. 23-0011****Scope of Bid**

Columbus Consolidated Government is seeking qualified vendors to provide bus shelters to METRA on an “as needed” basis. The contract term will be for three years.

**2. Drill Field Maintenance and Inspections for Fire & EMS Department (Annual Contract) RFB No. 23-0014****Scope of RFB**

It is the intent of the Columbus Consolidated Government (the City) to secure an annual contract with a vendor to provide drill field maintenance and inspections. The contract period will be for two (2) years with the option to renew for three (3) additional twelve-month periods.

Upon notification by Columbus Fire and EMS, the successful vendor shall provide preventive maintenance services, semi-annual inspections, and equipment repairs for the department drill field burn tower located at 4191 Macon Road, (behind Station 9 at 3601-3773 Giddens Road) Columbus, GA 31907 to include the natural gas ignition system.

**September 23, 2022****1. Security Surveillance & Security Access Equipment (Annual Contract) – RFP No. 23-0002****Scope of Proposal**

Columbus Consolidated Government is seeking to enter into a contractual agreement with a qualified contractor for the provision and maintenance services of security surveillance and security access equipment for various locations. The contract term will be for two years with the option to renew for three additional twelve-month periods.

**September 28, 2022****1. PI 0011436 – Muscogee County Buena Vista Road Improvements at Spiderweb-Phase II – RFB No. 23-0005****Scope of Bid**

Phase II of the Buena Vista Road Improvements at the Spiderweb includes the construction of two (2) bridges, one (1) of which requires Norfolk southern permitting; construction of a roundabout at Illges Road and Ace Way Drive; construction of Buena Vista Road east of the intersection with Annette Avenue, Martin Luther King, Jr. Boulevard north of Brewer Elementary School, Illges Road, Lindsay Drive, Andrews Road, Morris Road and Ace Way Drive, as well as the installation of traffic signals.

Utilities were relocated in Phase I of the project. The Annette Avenue roundabout at Martin Luther King, Jr. Boulevard and Annette Avenue were constructed in Phase I.

**2. Roofing Services at Edgewood Senior Center – RFB No. 23-0007****Scope of Bid**

Provide all labor, equipment, and materials to remove the existing roof at the Edgewood Senior Center and replace with a thermoplastic polyolefin (TPO) roof system, in full compliance with the project manual.

**3. Fox Senior Center Wall and Roof Project – RFB No. 23-0008****Scope of Bid**

Provide all labor, equipment, and materials to repair the designated roof and walls, in full compliance with the project manual, at Fox Senior Center.

**4. Exterior Wall Renovation at 29<sup>th</sup> Street Gym – RFB No. 23-0009****Scope of Bid**



Provide all labor, equipment, and materials to repair the designated walls, in full compliance with the project manual, at the 29<sup>th</sup> Street Gym.

**5. Public Safety Building Deck and Wall Restoration – RFB No. 23-0010**

Scope of Bid

Provide all labor, equipment, and materials to repair the designated deck and walls, in full compliance with the project manual, at the Public Safety Building.

**October 7, 2022**

**1. Architectural & Engineering Services (Annual Contract) – RFP No. 23-0007**

Scope of RFP

Columbus Consolidated Government is requesting proposals from qualified firms to provide professional architectural and engineering services on an as-needed basis for various construction projects.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

**2. Roofing Consulting Services (Annual Contract) – RFP No. 23-0008**

Scope of RFP

Provide complete roofing consulting services, on an as-needed basis, for individual buildings. Columbus Consolidated Government owns buildings consisting of approximately 60 buildup roofs, 40 metal roofs and 75 shingle roofs; however, services may not be required for all the buildings.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

**CLERK OF COUNCIL’S AGENDA**

**ENCLOSURES - ACTION REQUESTED**

**1. Minutes of the following boards:**

Board of Elections & Registration, August 22, 2022

Board of Tax Assessors, #25-22 and #26-22

Community Development Advisory Council, June 9, 2022

Development Authority, August 22, 2022

Tree Board, August 22, 2022

Mayor Pro Tem Allen made a motion to receive the minutes of various boards, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Garrett being absent for the vote.

## **BOARD APPOINTMENTS - ACTION REQUESTED**

### **2. MAYOR'S APPOINTMENTS- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

#### **A. COLUMBUS IRONWORKS CONVENTION & TRADE CENTER AUTHORITY:**

A nominee for the seat of Craig Burgess (*Eligible to succeed- Interested in serving another term*) for a term that expires on October 24, 2022, on the Columbus Ironworks Convention & Trade Center Authority (*Mayor's Appointment*). There were none.

A nominee for the seat of Lauren Chambers (*Not eligible to succeed*) for a term that expires on October 24, 2022, on the Columbus Ironworks Convention & Trade Center Authority. (*Mayor's Appointment*). Mayor Henderson nominated John Stacy to succeed Lauren Chambers on the Columbus Ironworks Convention & Trade Center Authority. Mayor Pro Tem Allen made a motion to confirm the appointment of John Stacy, seconded by Councilor House and carried unanimously by the nine members present, with Councilor Garrett being absent for the vote.

#### **B. PUBLIC SAFETY ADVISORY COMMISSION:**

A nominee for the seat of Pete Temesgen (*Accepted a judgeship*) for a term that expires on October 31, 2023, on the Public Safety Advisory Commission (*Mayor's Appointment*). There were none.

### **3. COUNCIL'S DISTRICT SEAT APPOINTMENT- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

#### **A. PUBLIC SAFETY ADVISORY COMMISSION:**

A nominee for the seat of Byron Hickey (*Not eligible to succeed*) as the District 1 Representative for a term that expires on October 31, 2022, on the Public Safety Advisory Commission (*Council District 1- Barnes*). There were none.

A nominee for the seat of Friar Noel Danielewicz (*Seat Declared Vacant*) as the District 3 Representative for a term that expires on October 31, 2022, on the Public Safety Advisory Commission (*Council District 3- Huff*). There were none.

A nominee for the seat of Donald Watkins (*Not eligible to succeed*) as the District 5 Representative for a term that expires on October 31, 2022, on the Public Safety Advisory Commission (*Council District 5- Crabb*). There were none.

A nominee for the seat of Lisa Branchcomb (*Eligible to succeed- Does not desire reappointment*) as the District 7 Representative for a term that expires on October 31, 2022, on the Public Safety Advisory Commission (*Council District 7- Woodson*). There were none.

A nominee for the seat of Scott Taft (*Eligible to succeed*) as the District 9 Representative for a term that expires on October 31, 2022, on the Public Safety Advisory Commission (*Council District 9- Thomas*). There were none.

4. **COUNCIL APPOINTMENTS- ANY NOMINATIONS WOULD BE LISTED FOR THE NEXT MEETING:**

**A. BOARD OF HONOR:**

A nominee for the seat of Bob Hydrick (*Passed Away*) for a term that expires on October 31, 2022, on the Board of Honor (*Council's Appointment*). There were none.

**All of the members serving on this board must be a former elected official of Muscogee County.**

**B. PERSONNEL REVIEW BOARD:**

A nominee for the seat of Dr. Shanita Pettaway (*Resigned*) as Alternate Member 5 for a term that expires on December 31, 2022, on the Personnel Review Board (*Council's Appointment*). There were none.

**UPCOMING BOARD APPOINTMENTS:**

A. Hospital Authority of Columbus (Council Confirmation / Authority Selection)

B. Housing Authority of Columbus (Mayor's Appointment)

**EXECUTIVE SESSION:**

Mayor Henderson entertained a motion to go into Executive Session to discuss matters of personnel as requested by Councilor Davis. Councilor Thomas made a motion to go into Executive Session, seconded by Councilor House and carried unanimously by the nine members present with Councilor Garrett being absent for the vote, with the time being 11:37 a.m.

The regular meeting reconvened at 11:58 a.m., at which time, Mayor Henderson announced that the Council did meet in executive session to discuss matters of personnel; however, there were no votes taken.

With there being no further business to discuss, Mayor Henderson entertained a motion for adjournment. Motion by Mayor Pro Tem Allen to adjourn the September 13, 2022 Regular Council Meeting, seconded by Councilor House and carried unanimously by the ten members present, with the time being 11:58 a.m.

---

Sandra T. Davis, CMC  
Clerk of Council  
Council of Columbus, Georgia

**File Attachments for Item:**

4. International Fellowship Program (Fire & EMS Chief, Sal Scarpa)

# Int'l Fellowship Program

A CFEMS JOINT INITIATIVE





## International Fellowship Program

- Joint initiative between Int'l Assoc. of Fire Chiefs and Saudi Aramco Fire Protection Dept (SAFrPD)
- Embed a cohort (8) SAFrPD FFs into CFEMS for six months (cost neutral)
- A cultural exchange opportunity

## About

PARTNERSHIP SINCE 2006  
OPPORTUNITY FOR METRO FIRE AGENCIES

A firefighter in silhouette is positioned in the foreground, facing a large, intense fire at night. The fire is bright orange and yellow, with thick smoke rising. The firefighter is wearing a helmet and a backpack, and is holding a hose. The scene is dark, with the fire providing the primary light source.

# Program Goals

As identified for SAFrPD personnel

- Strengthen core their competencies through exposure to high-call volume operational environments
- Develop their knowledge, skills, and abilities according to U.S. fire service industry best-practices
- Understand the culture and values of the U.S. fire service

**File Attachments for Item:**

**1. 2nd Reading-** REZN-07-22-1374: An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **1310 13th Avenue / 1315 Delauney Avenue** (parcel # 026-005-006 / 026-005-005) from NC (Neighborhood Commercial) Zoning District to GC (General Commercial) Zoning District. (Planning Department and PAC recommend approval)(Councilor Woodson)



## AN ORDINANCE

NO. \_\_\_\_\_

An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **1310 13th Avenue / 1315 Delauney Avenue** (parcel # 026-005-006 / 026-005-005) from NC (Neighborhood Commercial) Zoning District to GC (General Commercial) Zoning District.

### THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY ORDAINS AS FOLLOWS:

#### Section 1.

The Zoning Atlas on file with the Planning Department is hereby amended by changing the property described below from NC (Neighborhood Commercial) Zoning District to GC (General Commercial) Zoning District:

PARCEL "MEDICAL ARTS": Beginning at an iron pin located on the easterly margin of 13th Avenue, said iron pin being north 02 degrees, 00 minutes west a distance of 110 feet from an iron pin located at the corner formed by the intersection of the northerly margin of 13th Street with the easterly margin of 13th Avenue and running thence north 02 degrees 00 minutes west a distance of 304.98 feet to an iron pin; running thence north 88 degrees 00 minutes 40 seconds east a distance of 186.67 feet to an iron pin; running thence South 01 degrees 56 minutes 38 seconds east a distance of 105.06 feet to an iron pin; running thence south 87 degrees 56 minutes 34 seconds west a distance of 26.51 feet to an iron pin; running thence South 01 degrees 57 minutes 40 seconds east a distance of 174.63 feet to an iron pin; running thence south 64 degrees 51 minutes 55 seconds west a distance of 54.54 feet to an iron pin; thence running south 86 degrees 00 minutes 56 seconds west a distance of 109.05 feet to an iron pin marking the point of beginning.

PARCEL A: Beginning at an iron pin on the westerly margin of DeLauney Avenue, said iron pin being located a distance of 117.71 feet northerly, as measured along said margin of DeLauney Avenue, from the intersection of said margin of DeLauney Avenue with the northerly margin of 13th Street, and from said point of beginning running thence south 70 degrees 45 minutes west a distance of 223.09 feet to an iron pin; running thence north 02 degrees 00 minutes west a distance of 174.63 feet to an iron pin: running thence north 88 degrees 00 minutes east a distance of 212.87 feet to an iron pin; running thence south 02 degrees 00 minutes east a distance of 108.23 feet to the point of beginning. The above property is designated as Tract "A" and Tract "B" upon a map or plat made by Aldridge, Moon, Russell, & King, Civil Engineers, and recorded in the office of the Clerk of the Superior Court of Muscogee County, Georgia at Plat Book 14, folio 116.

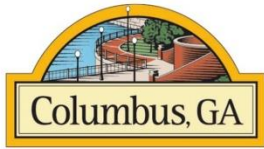
PARCEL B: Beginning at an iron pin on the westerly margin of DeLauney Avenue, said iron pin being located a distance of 225.94 feet northerly, as measured along said margin of DeLauney Avenue, from the intersection of said margin of DeLauney Avenue, with the northerly margin of 13th Street, and from said point of beginning running thence south 88 degrees 00 minutes west a distance of 186.44 feet; running thence north 02 degrees 00 minutes west a distance of 50.0 feet; running thence north 89 degrees 00 minutes east a distance of 186.44 feet to an iron pin; running thence south 02 degrees 00 minutes east a distance of 50.0 feet to the point of beginning. The above property is the eastern one-half (approximately) of Tract "D" as said Tract is shown upon a map or plat made by Aldridge, Moon, Russell & King, Civil Engineers, and recorded in Plat Book 14, page 116, said Clerk's office.

Introduced at a regular meeting of the Council of Columbus, Georgia held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022; introduced a second time at a regular meeting of said Council held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen	voting _____
Councilor Barnes	voting _____
Councilor Crabb	voting _____
Councilor Davis	voting _____
Councilor Garrett	voting _____
Councilor House	voting _____
Councilor Huff	voting _____
Councilor Thomas	voting _____
Councilor Tucker	voting _____
Councilor Woodson	voting _____

**Sandra T Davis**  
Clerk of Council

**B. H. “Skip” Henderson, III**  
Mayor



CONSOLIDATED GOVERNMENT  
*What progress has preserved.*  
 PLANNING DEPARTMENT

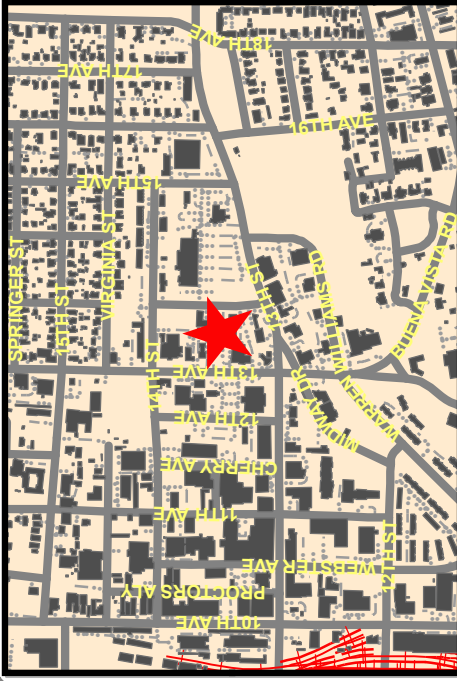
## COUNCIL STAFF REPORT

### REZN-07-22-1374

<b>Applicant:</b>	Ernie Smallman
<b>Owner:</b>	BHEN Properties
<b>Location:</b>	1310 13th Avenue / 1315 Delauney Avenue
<b>Parcel:</b>	026-005-006 / 026-005-005
<b>Acreage:</b>	2.30 Acres
<b>Current Zoning Classification:</b>	NC (Neighborhood Commercial)
<b>Proposed Zoning Classification:</b>	GC (General Commercial)
<b>Current Use of Property:</b>	Commercial
<b>Proposed Use of Property:</b>	Commercial
<b>Council District:</b>	District 7 (Woodson)
<b>PAC Recommendation:</b>	<b>Approval</b> based on the Staff Report and compatibility with existing land uses.
<b>Planning Department Recommendation:</b>	<b>Approval</b> based on compatibility with existing land uses.
<b>Fort Benning's Recommendation:</b>	N/A
<b>DRI Recommendation:</b>	N/A
<b>General Land Use:</b>	Consistent Planning Area D
<b>Current Land Use Designation:</b>	Commercial
<b>Future Land Use Designation:</b>	Mixed-Use

<b>Compatible with Existing Land-Uses:</b>	Yes								
<b>Environmental Impacts:</b>	The property does not lie within the floodway and floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.								
<b>City Services:</b>	Property is served by all city services.								
<b>Traffic Impact:</b>	Average Annual Daily Trips (AADT) will increase to 272 trips up from 214 if used for commercial use. The Level of Service (LOS) will remain at level C.								
<b>Traffic Engineering:</b>	This site shall meet the Codes and regulations of the Columbus Consolidated Government for commercial usage.								
<b>Surrounding Zoning:</b>	<table> <tr> <td><b>North</b></td><td>GC (General Commercial)</td></tr> <tr> <td><b>South</b></td><td>NC (Neighborhood Commercial)</td></tr> <tr> <td><b>East</b></td><td>NC (Neighborhood Commercial)</td></tr> <tr> <td><b>West</b></td><td>NC (Neighborhood Commercial)</td></tr> </table>	<b>North</b>	GC (General Commercial)	<b>South</b>	NC (Neighborhood Commercial)	<b>East</b>	NC (Neighborhood Commercial)	<b>West</b>	NC (Neighborhood Commercial)
<b>North</b>	GC (General Commercial)								
<b>South</b>	NC (Neighborhood Commercial)								
<b>East</b>	NC (Neighborhood Commercial)								
<b>West</b>	NC (Neighborhood Commercial)								
<b>Reasonableness of Request:</b>	The request is compatible with existing land uses.								
<b>School Impact:</b>	N/A								
<b>Buffer Requirement:</b>	N/A								
<b>Attitude of Property Owners:</b>	<b>Thirty (30)</b> property owners within 300 feet of the subject properties were notified of the rezoning request. The Planning Department received <b>no</b> calls and/or emails regarding the rezoning.								
	<table> <tr> <td><b>Approval</b></td><td><b>0</b> Responses</td></tr> <tr> <td><b>Opposition</b></td><td><b>0</b> Responses</td></tr> </table>	<b>Approval</b>	<b>0</b> Responses	<b>Opposition</b>	<b>0</b> Responses				
<b>Approval</b>	<b>0</b> Responses								
<b>Opposition</b>	<b>0</b> Responses								
<b>Additional Information:</b>	N/A								
<b>Attachments:</b>	Aerial Land Use Map Location Map Zoning Map Existing Land Use Map Future Land Use Map Traffic Report Flood Map								

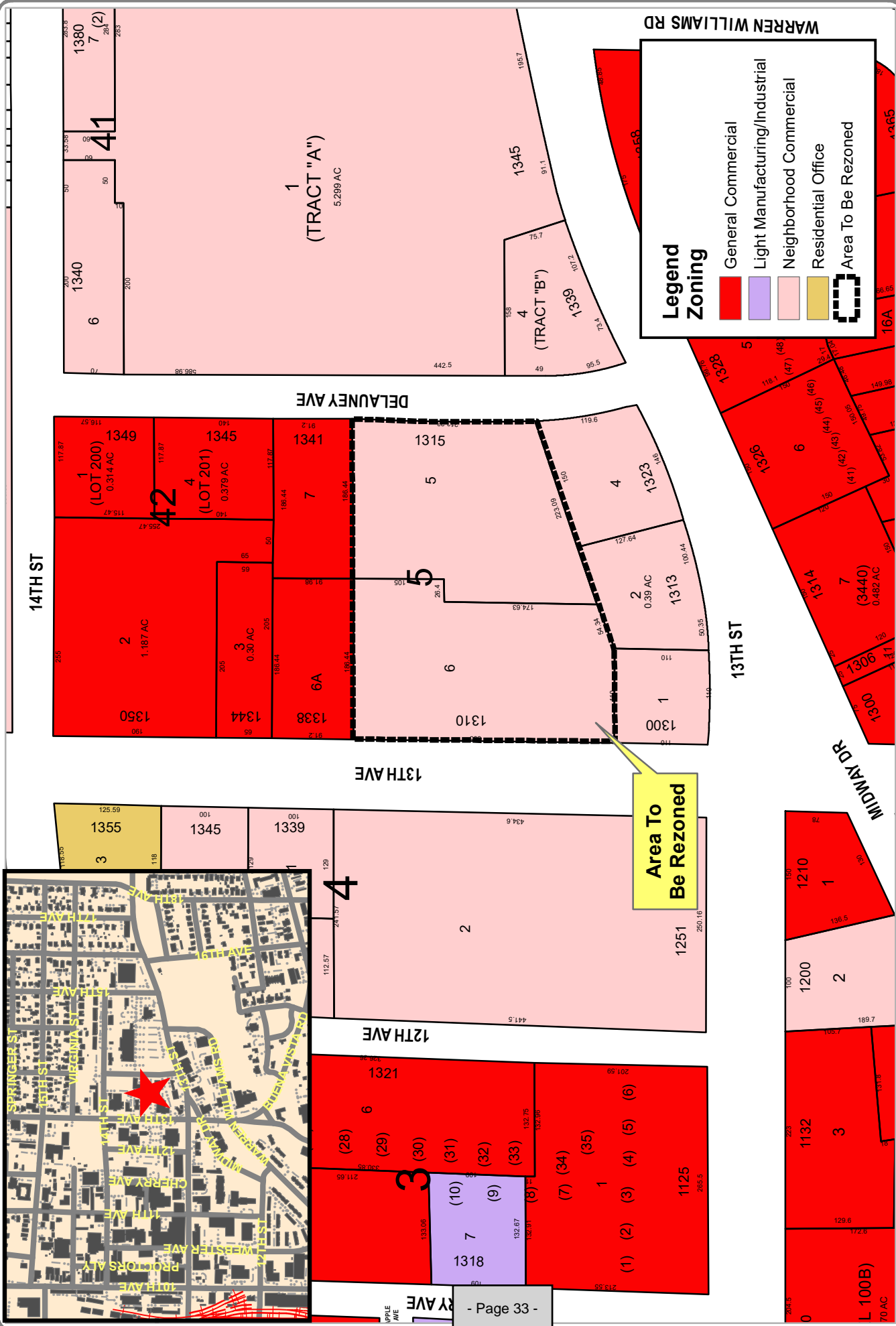


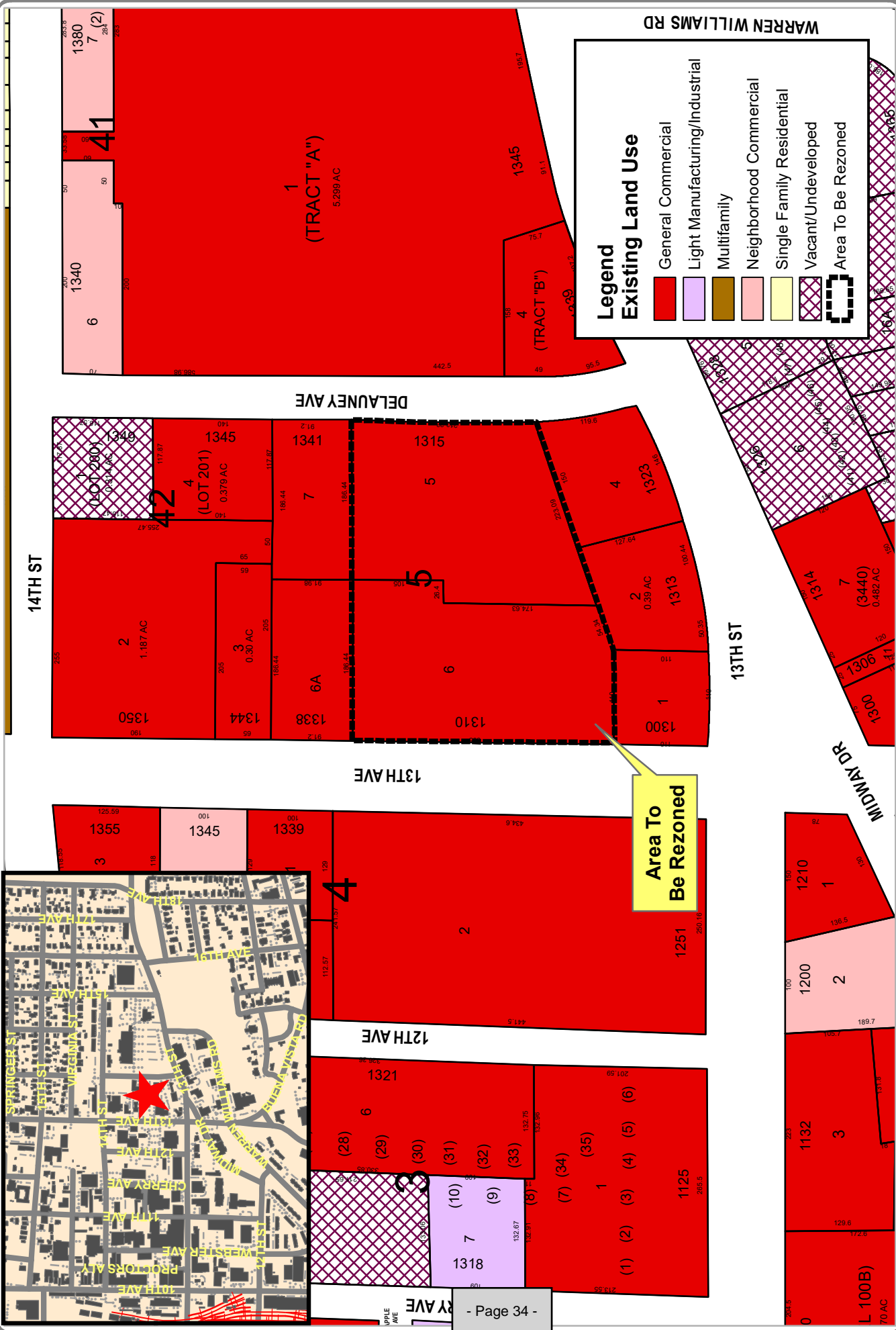


Area To  
Be Rezoned









**Legend**

**Existing Land Use**

- General Commercial
- Light Manufacturing/Industrial
- Multifamily
- Neighborhood Commercial
- Single Family Residential
- Vacant/Undeveloped
- Area To Be Rezoned



Item #1.

0 75 150 Feet

1 inch = 150 feet

Data Source: IT/GIS

Author: David Cooper

Existing Land Use Map for REZN 07-22-1374

Map 026 Block 005 Lots 005 & 006

Planning Department-Planning Division

Prepared By Planning GIS Tech

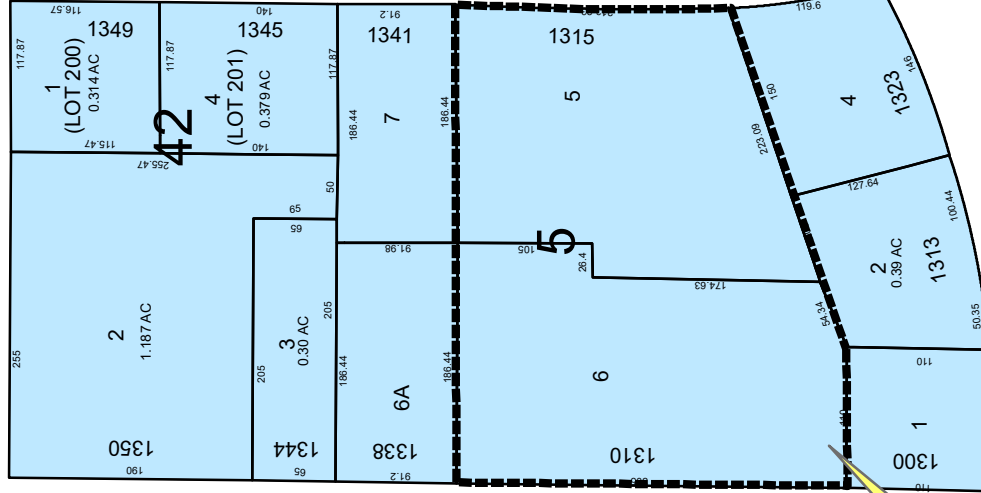
This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/25/2022





14TH ST



13TH AVE

13TH ST

DELANEY AVE

WARREN WILLIAMS RD

MIDWAY DR

**Legend**

**Future Land Use**

Mixed Use

Area To Be Rezoned



Date: 7/25/2022

This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Future Land Use Map for REZN 07-22-1374  
 Map 026 Block 005 Lots 005 & 006  
 Planning Department-Planning Division  
 Prepared By Planning GIS Tech

1 inch = 150 feet  
 Data Source: IT/GIS  
 Author: David Cooper

0 75 150 Feet



Item #1.



ZONING CASE NO.	REZN 07-22-1374
PROJECT	1310 13th Street & 1315 Delauney Avenue
CLIENT	
REZONING REQUEST	NC to GC

## LAND USE

Trip Generation Land Use Code*	720 & 710
Existing Land Use	Neighborhood Commercial (NC)
Proposed Land Use	General Commercial - (GC)
Existing Trip Rate Unit	NC - Acreage converted to square footage.
Proposed Trip Rate Unit	GC - Acreage converted to square footage.

## TRIP END CALCULATION\*

Land Use	ITE Code	Zone Code	Quantity	Trip Rate	Total Trips
<b>Daily (Existing Zoning)</b>					
Medical - Dental Office Building	720	NC	2.3 Acres	3.74	94 AM Peak 120 PM Peak
				4.79	
<b>Total</b>					<b>214</b>
<b>Daily (Proposed Zoning)</b>					
General Office Building	710	GC	2.3 Acres	10.84	272
<b>Total</b>					<b>272</b>

**Note:** \* Denotes calculation are based on Trip Generation, 8th Edition by Institute of Transportation Engineers

## TRAFFIC PROJECTIONS

<b>EXISTING ZONING (NC)</b>	
Name of Street	13th Street
Street Classification	Undivided Arterial
No. of Lanes	2
City Traffic Count (2020)	7,750
Existing Level of Service (LOS)**	C
Additional Traffic due to Existing Zoning	214
Total Projected Traffic (2022)	7,964
Projected Level of Service (LOS)**	C

<b>PROPOSED ZONING (GC)</b>	
Name of Street	13th Street
Street Classification	Undivided Arterial
No. of Lanes	2
City Traffic Count (2020)	7,750
Existing Level of Service (LOS)**	C
Additional Traffic due to Proposed	272
Total Projected Traffic (2022)	8,022
Projected Level of Service (LOS)**	C

Note: \*\* Denotes Level of Service Based on National Standards for Different Facility Type (TABLE1- General Highway Capacities by Facility Type)

**File Attachments for Item:**

**2. 2nd Reading- REZN-07-22-1377:** An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **3408 5th Avenue, 3414 5th Avenue, 500 35th Street, 502 35th Street , 504 35th Street, 506 35th Street , 508 35th Street, 3419 6th Avenue, 3417 6th Avenue, 3413 6th Avenue, 3411 6th Avenue, 3409 6th Avenue, 3403 6th Avenue, 3401 6th Avenue, 3319 6th Avenue, 3317 6th Avenue, 3313 6th Avenue, 3309 6th Avenue, and 3305 6th Avenue** from RMF1 (Residential Multifamily 1) and RMF2 (Residential Multifamily 2) Zoning District to RMF2 (Residential Multifamily 2) Zoning District. (Planning Department and PAC recommend approval) (Councilor Garrett)

**AN ORDINANCE****NO. \_\_\_\_\_**

An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at:

3408 5th Avenue	014 018 004
3414 5th Avenue	014 018 002
500 35th Street	014 018 001
502 35th Street	014 018 045
504 35th Street	014 018 044
506 35th Street	014 018 043
508 35th Street	014 018 042
3419 6th Avenue	014 018 038
3417 6th Avenue	014 018 037
3413 6th Avenue	014 018 036
3411 6th Avenue	014 018 035
3409 6th Avenue	014 018 034
3403 6th Avenue	014 018 034A
3401 6th Avenue	014 018 034B
3319 6th Avenue	014 018 033
3317 6th Avenue	014 018 032
3313 6th Avenue	014 018 031
3309 6th Avenue	014 018 030
3305 6th Avenue	014 018 029A

from RMF1 (Residential Multifamily 1) and RMF2 (Residential Multifamily 2) Zoning District to RMF2 (Residential Multifamily 2) Zoning District.

**THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY ORDAINS AS  
FOLLOWS:**

Section 1.

The Zoning Atlas on file with the Planning Department is hereby amended by changing the property described below from RMF1 (Residential Multifamily 1) and RMF 2 (Residential Multifamily 2) Zoning District to RMF2 (Residential Multifamily 2) Zoning District:

All that tract or parcel of land consisting of Lot 140 and Lots 16 & 17, Block 27, North Highland Land Improvement and Manufacturing Co. and Lots 1 thru 10, Block 2, Greenwood Land Company, being Part of Land Lot 72, 8th District, Columbus, Muscogee County, Georgia being more particularly described as follows: BEGIN at a 1" pinched top iron at the intersection of the easterly line of 5th Avenue and southerly line of 35th Street; thence South 89 degrees 07 minutes 50 seconds East, along the southerly line of 35th Street, 204.91 feet to a rebar & cap; thence continue along said street line, South 85 degrees 36 minutes 05 seconds East, 38.14 feet to a 1" open top pipe; thence continue along said street line, North 01 degree 39 minutes 58 seconds East, 56.93 feet to a drill hole; thence continue along said street line, South 88 degrees 28 minutes 27 seconds East, 150.0 feet to a railroad rail at the intersection of the southerly line of 35th Street and the westerly line of 6th Avenue; thence South 01 degree 37 minutes 12 seconds West, along the westerly line of 6th Avenue, 384.87 feet to a railroad rail; thence continue along said street line, South 16 degrees 25 minutes 23 seconds West, 102.78 feet to a rebar & cap; thence leaving said street line, North 89 degrees 43 minutes 10 seconds West, 160.91 feet to a rebar & cap; thence North 03 degrees 53 minutes 14 seconds East, 100.36 feet to a pinched top iron, thence South 89 degrees 02 minutes 34 seconds East, 33.16 feet to a railroad rail; thence North 01 degree 39 minutes 13 seconds East, 37.17 feet to a pinched top iron; thence North 00 degrees 05 minutes 57 seconds West, 27.76 feet to a pinched top iron; thence North 89 degrees 14 minutes 14 seconds West, 238.50 feet to drill hole on the easterly line of 5th Avenue; thence North 00 degrees 53 minutes 33 seconds East, along the easterly line of 5th Avenue, 129.40 feet to a drill hole; thence continue along said street line, degree 04 minutes 52 seconds East,

38.43 feet to an open top pipe; thence continue along said street line, North 00 degrees 37 minutes 36 seconds East, 100.19 feet to a 1" pinched top iron and the POINT OF BEGINNING, containing 3.20 acres

\_\_\_\_\_

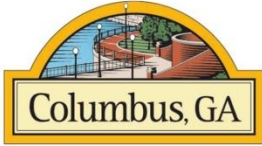
Introduced at a regular meeting of the Council of Columbus, Georgia held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022; introduced a second time at a regular meeting of said Council held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen	voting _____
Councilor Barnes	voting _____
Councilor Crabb	voting _____
Councilor Davis	voting _____
Councilor Garrett	voting _____
Councilor House	voting _____
Councilor Huff	voting _____
Councilor Thomas	voting _____
Councilor Tucker	voting _____
Councilor Woodson	voting _____

\_\_\_\_\_  
**Sandra T Davis**  
Clerk of Council

\_\_\_\_\_  
**B. H. “Skip” Henderson, III**  
Mayor





CONSOLIDATED GOVERNMENT  
*What progress has preserved.*  
 PLANNING DEPARTMENT

## COUNCIL STAFF REPORT

### REZN-07-22-1377

**Applicant:** Highland Community Church

**Owner:** Same

**Location / Parcel:**

3408 5th Avenue	014 018 004
3414 5th Avenue	014 018 002
500 35th Street	014 018 001
502 35th Street	014 018 045
504 35th Street	014 018 044
506 35th Street	014 018 043
508 35th Street	014 018 042
3419 6th Avenue	014 018 038
3417 6th Avenue	014 018 037
3413 6th Avenue	014 018 036
3411 6th Avenue	014 018 035
3409 6th Avenue	014 018 034
3403 6th Avenue	014 018 034A
3401 6th Avenue	014 018 034B
3319 6th Avenue	014 018 033
3317 6th Avenue	014 018 032
3313 6th Avenue	014 018 031
3309 6th Avenue	014 018 030
3305 6th Avenue	014 018 029A

**Acreage:** 2.83 Acres

**Current Zoning Classification:** RMF1 (Residential Multifamily 1)  
RMF2 (Residential Multifamily 2)

**Proposed Zoning Classification:** RMF2 (Residential Multifamily 2)

**Current Use of Property:** Church / Residential

**Proposed Use of Property:** Place of Worship

**Council District:** District 8 (Garrett)



<b>PAC Recommendation:</b>	<b>Approval</b> based on the Staff Report and compatibility with existing land uses.	
<b>Planning Department Recommendation:</b>	<b>Approval</b> based on compatibility with existing land uses.	
<b>Fort Benning's Recommendation:</b>	N/A	
<b>DRI Recommendation:</b>	N/A	
<b>General Land Use:</b>	Consistent Planning Area F	
<b>Current Land Use Designation:</b>	Public / Institutional	
<b>Future Land Use Designation:</b>	Single Family Residential	
<b>Compatible with Existing Land-Uses:</b>	Yes	
<b>Environmental Impacts:</b>	The property does not lie within the floodway and floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.	
<b>City Services:</b>	Property is served by all city services.	
<b>Traffic Impact:</b>	Average Annual Daily Trips (AADT) will increase to 527 trips up from 168 trips if used for commercial use. The Level of Service (LOS) will remain at level A.	
<b>Traffic Engineering:</b>	This site shall meet the Codes and regulations of the Columbus Consolidated Government for commercial usage.	
<b>Surrounding Zoning:</b>	<b>North</b>	RMF1 (Residential Multifamily 1) RMF2 (Residential Multifamily 2)
	<b>South</b>	RMF1 (Residential Multifamily 1) RMF2 (Residential Multifamily 2)
	<b>East</b>	RMF1 (Residential Multifamily 1) NC (Neighborhood Commercial)
	<b>West</b>	RMF1 (Residential Multifamily 1) GC (General Commercial)
<b>Reasonableness of Request:</b>	The request is compatible with existing land uses.	
<b>School Impact:</b>	N/A	

**Buffer Requirement:** N/A

**Attitude of Property Owners:** **One Hundred (100)** property owners within 300 feet of the subject properties were notified of the rezoning request. The Planning Department received **One (1)** calls and/or emails regarding the rezoning.

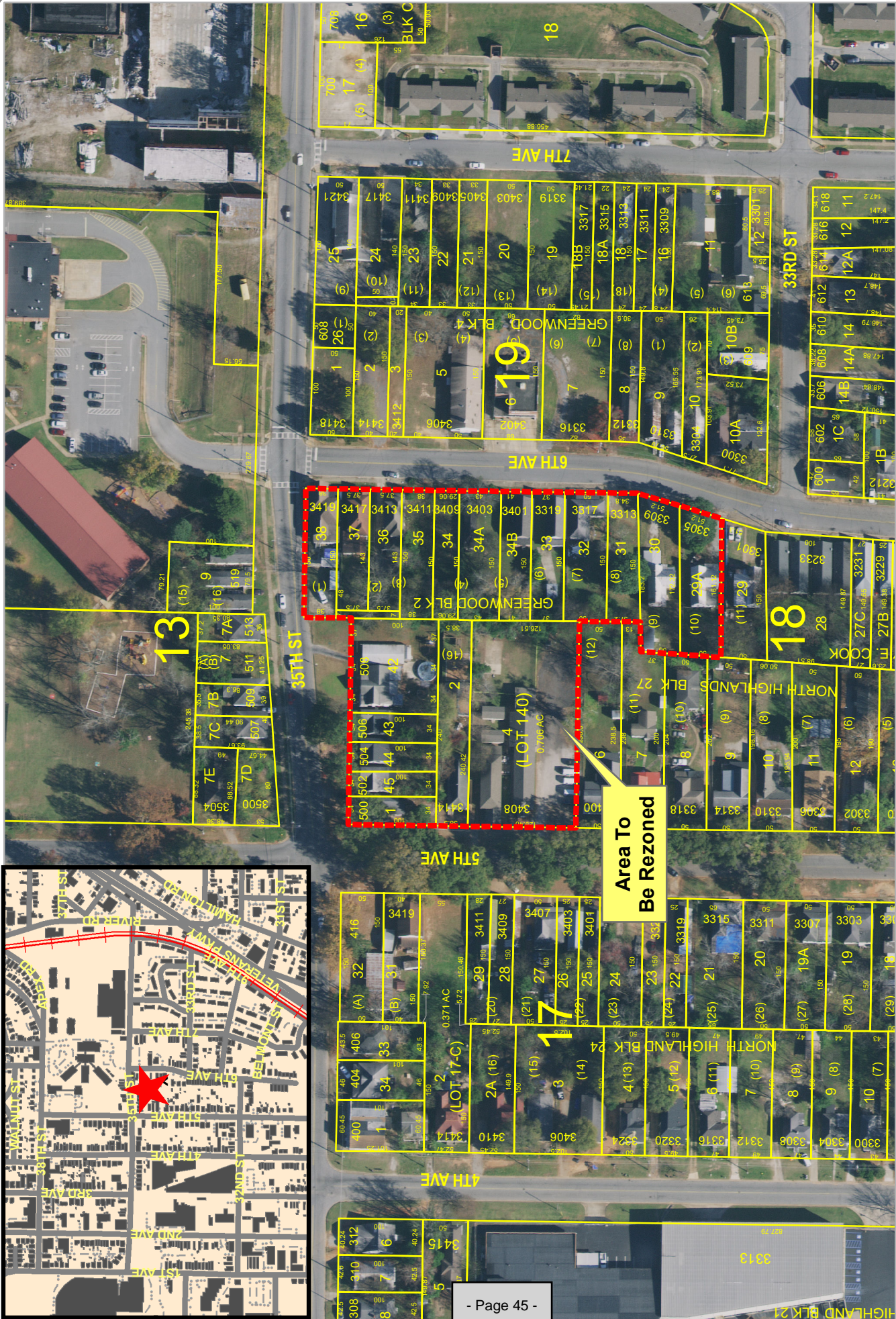
**Approval** 1 Responses

**Opposition** 0 Responses

**Additional Information:** N/A

**Attachments:** Aerial Land Use Map  
Location Map  
Zoning Map  
Existing Land Use Map  
Future Land Use Map  
Traffic Report  
Flood Map





**Area To  
Be Rezoned**



This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

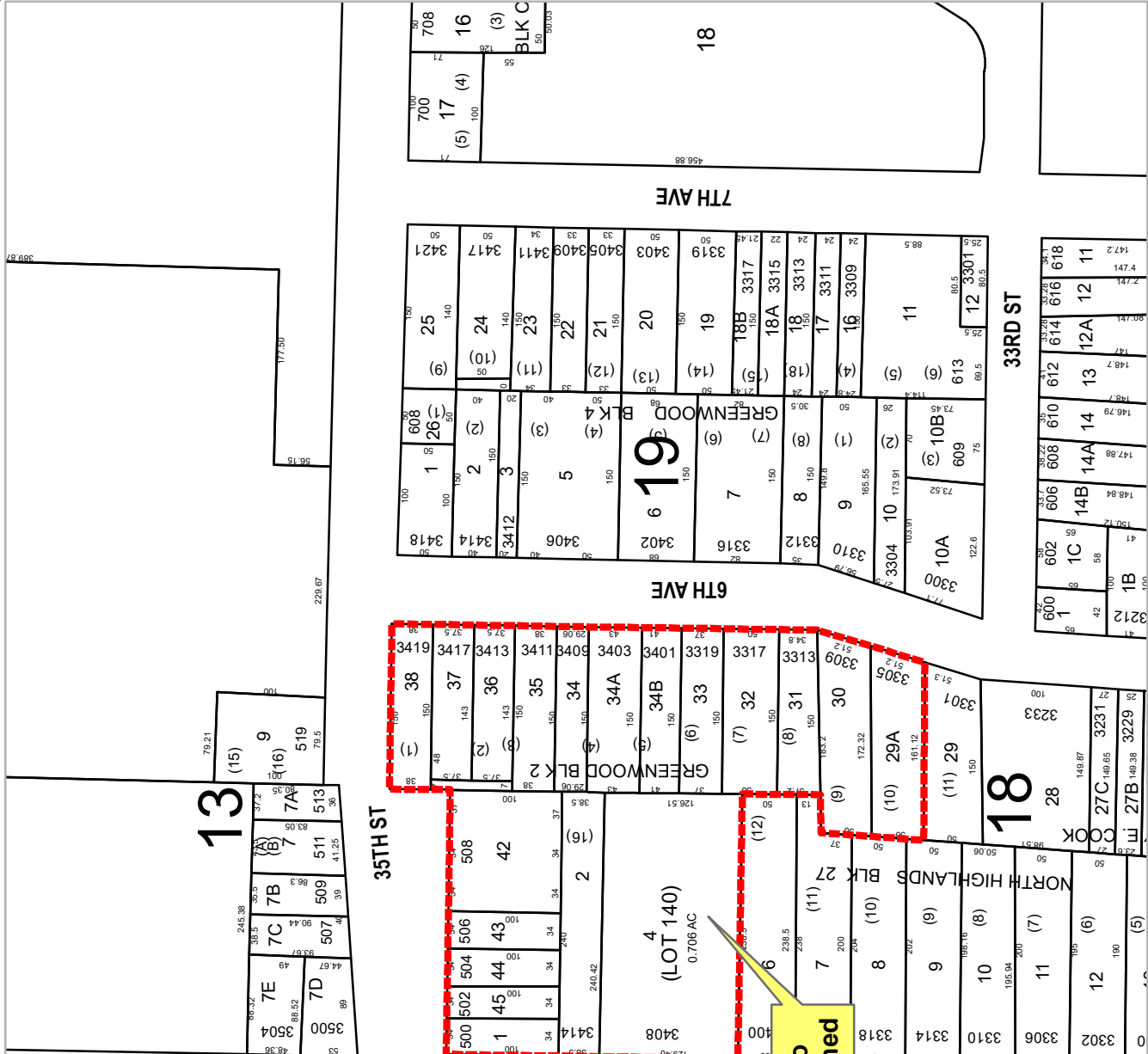
Date: 7/25/2022

0 75 150 Feet  
1 inch = 150 feet  
Data Source: IT/GIS  
Author: David Cooper

Aerial Map for REZN 07-22-1377  
Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004  
Planning Department-Planning Division  
Prepared By Planning GIS Tech







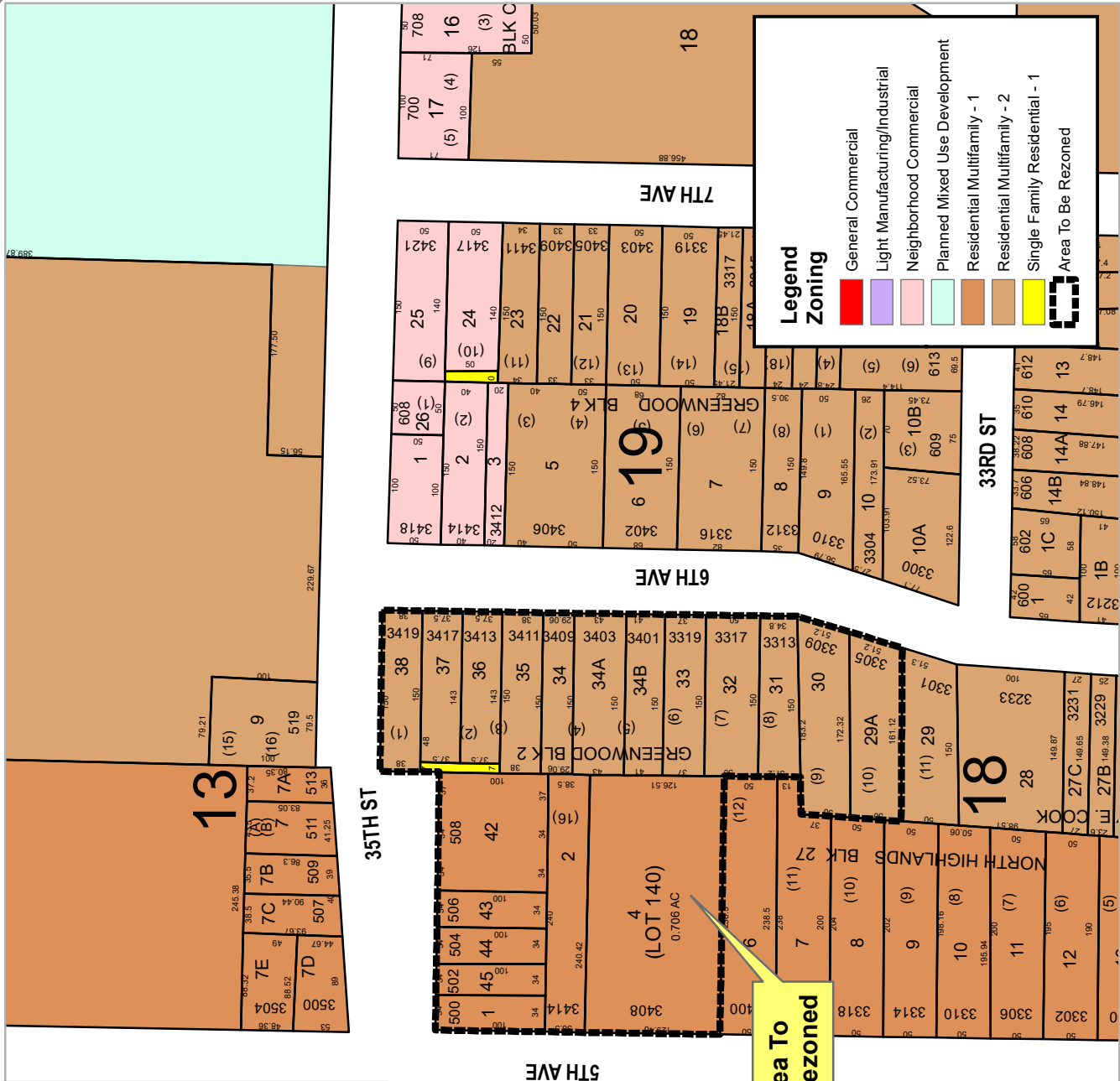
Date: 7/25/2022

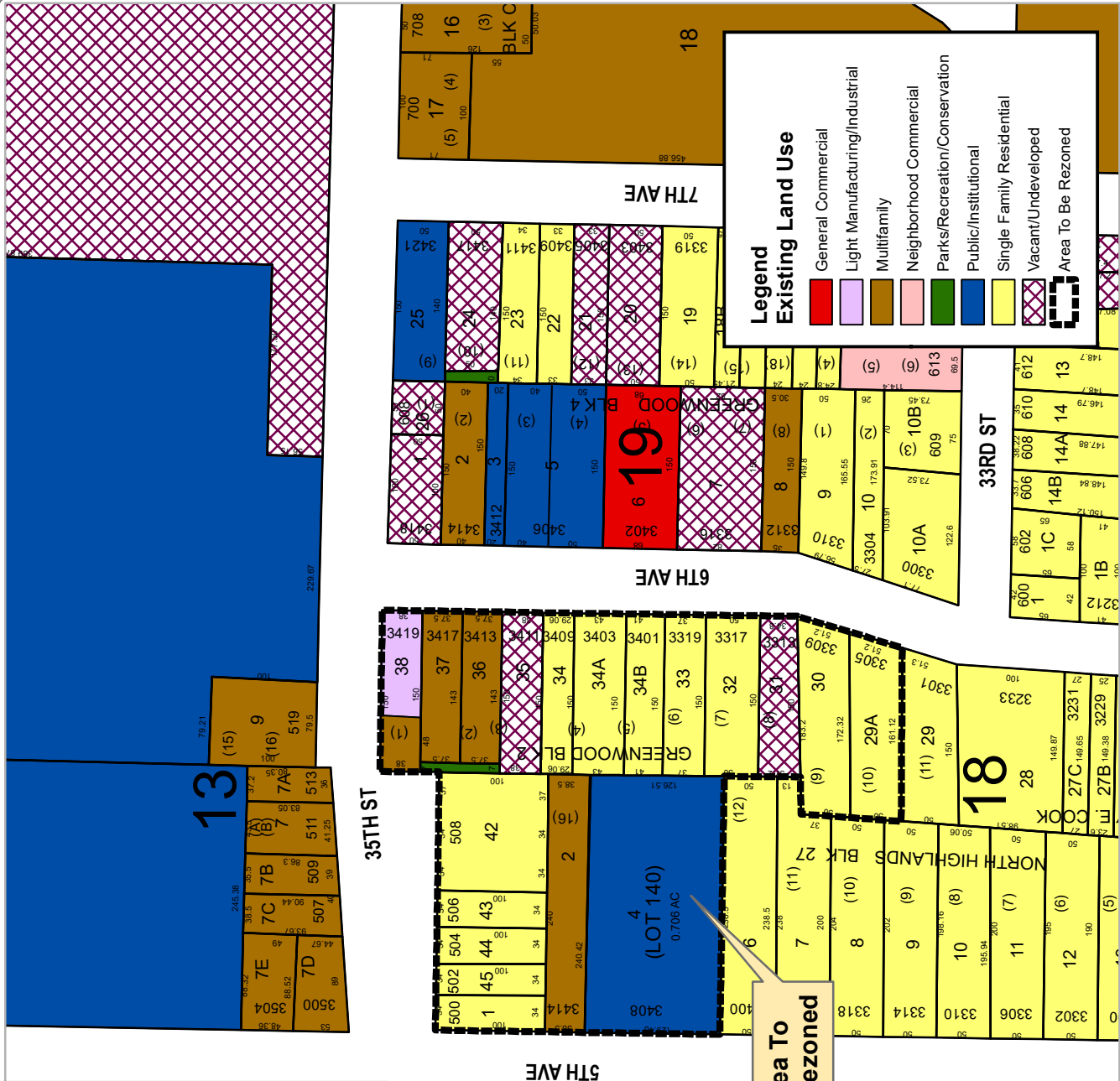
This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Location Map for REZN 07-22-1377  
Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004  
Planning Department-Planning Division  
Prepared By Planning GIS Tech

0 75 150 Feet  
1 inch = 150 feet  
Data Source: IT/GIS  
Author: David Cooper

Item #2.





Item #2.

0 75 150 Feet

1 inch = 150 feet

Data Source: IT/GIS

Author: David Cooper

Existing Land Use Map for REZN 07-22-1377

Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004

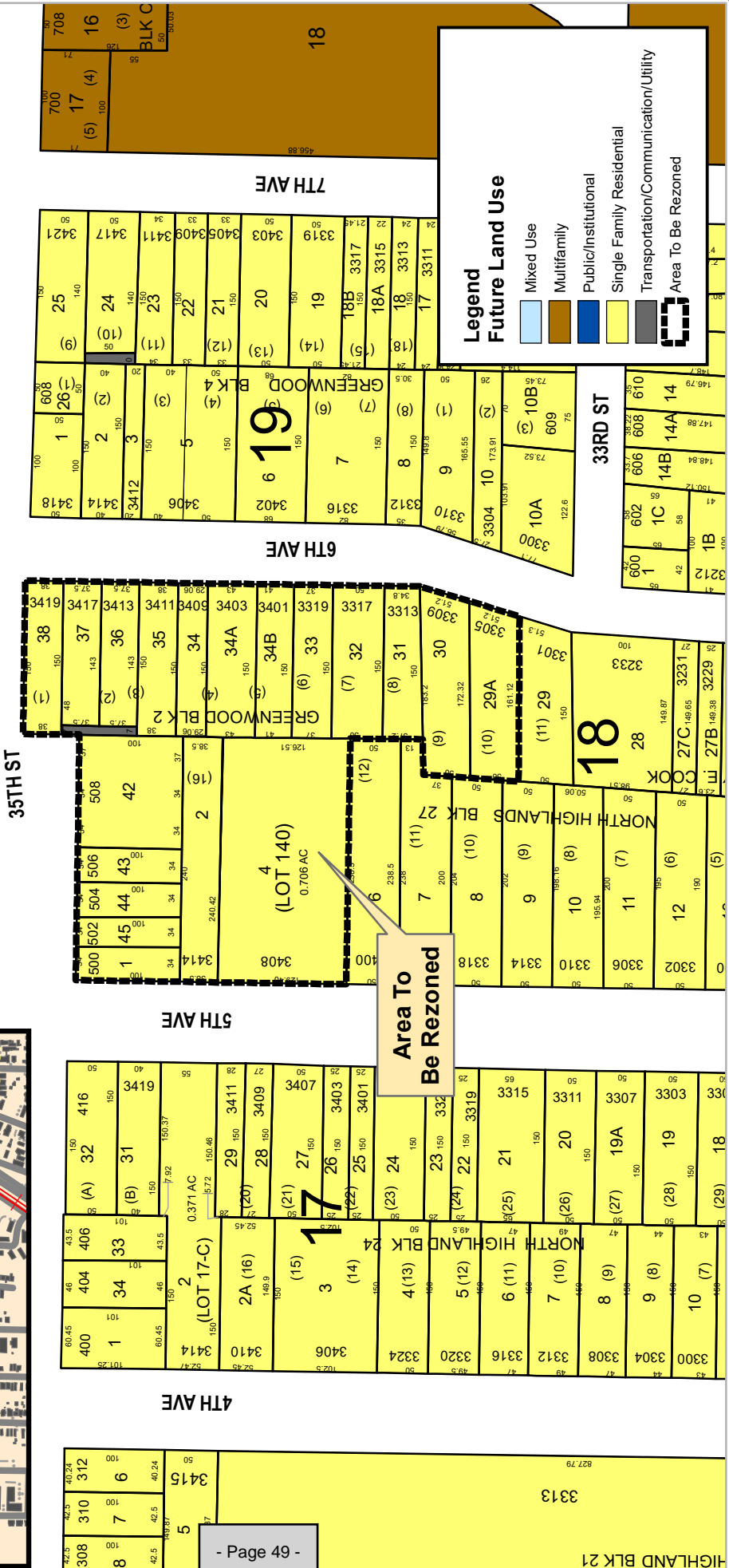
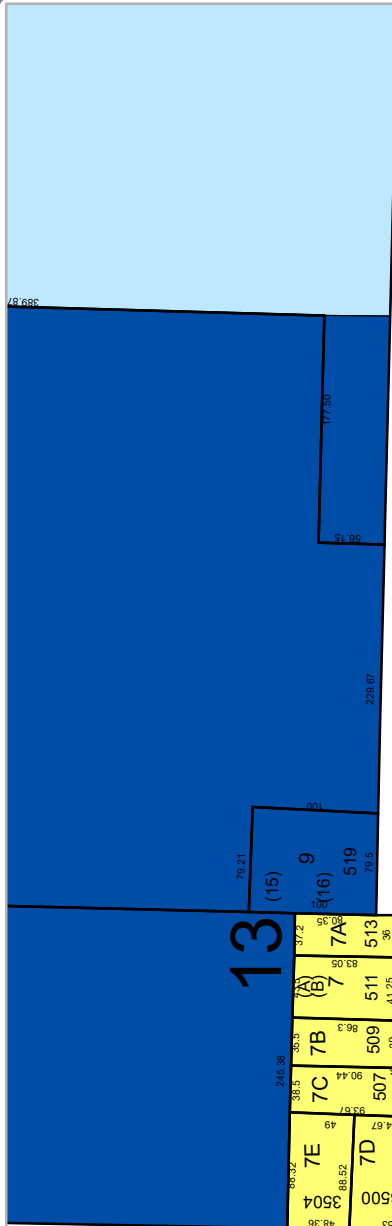
Planning Department-Planning Division

Prepared By Planning GIS Tech

This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/25/2022





**Legend**  
**Future Land Use**

- Mixed Use
- Multifamily
- Public/Institutional
- Single Family Residential
- Transportation/Communication/Utility
- Area To Be Rezoned

This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

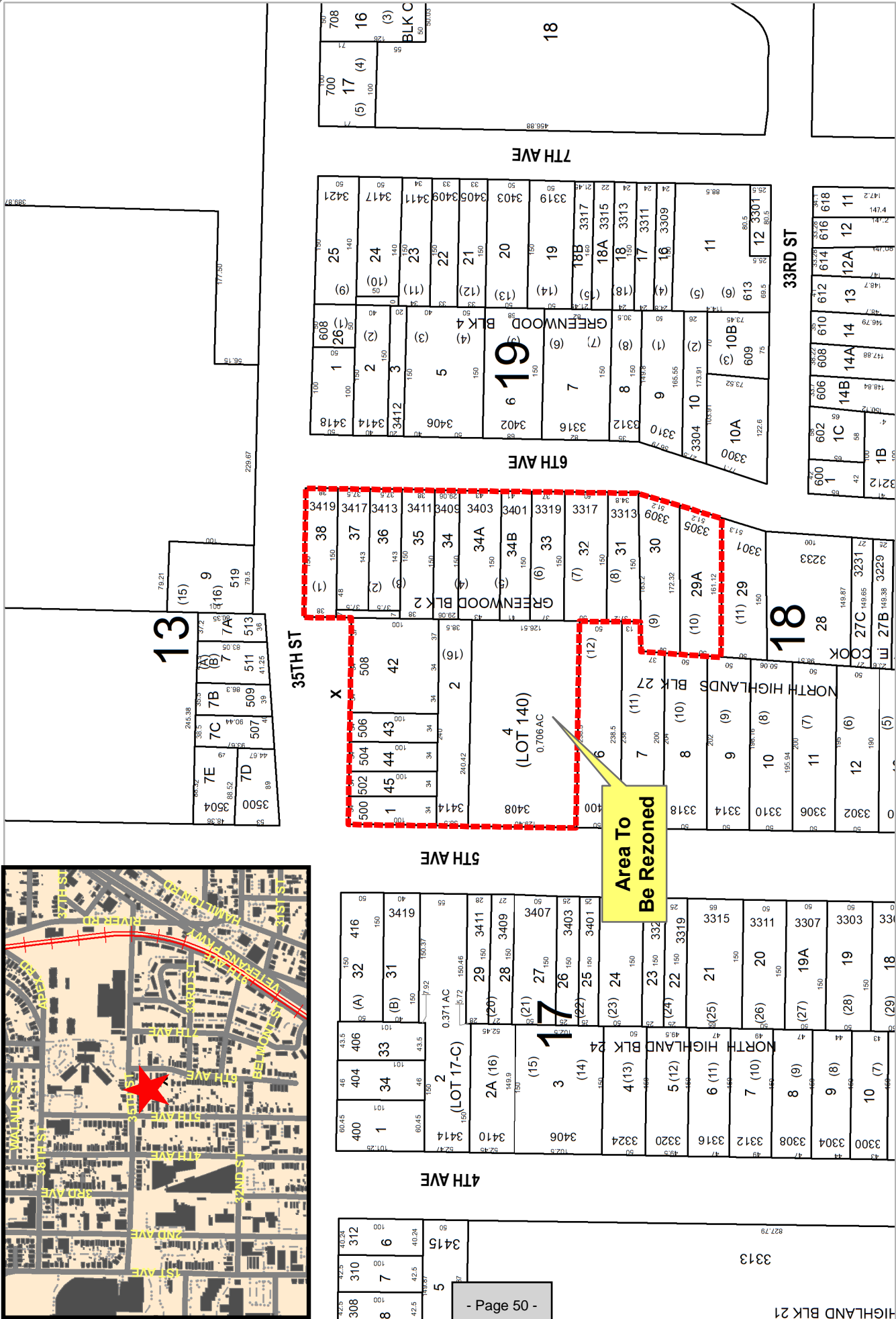
Date: 7/25/2022

Future Land Use Map for REZN 07-22-1377  
Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004  
Planning Department-Planning Division  
Prepared By Planning GIS Tech

Item #2.

Columbus Planning

0 75 150 Feet  
1 inch = 150 feet  
Data Source: IT/GIS  
Author: David Cooper



This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/25/2022

Flood Zone Map for REZN 07-22-1377  
Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004

Planning Department-Planning Division  
Prepared By Planning GIS Tech

Item #2.

1 inch = 150 feet  
Data Source: IT/GIS  
Author: David Cooper



REZONING TRAFFIC ANALYSIS FORM

ZONING CASE NO.  
PROJECT  
CLIENT  
REZONING REQUEST

REZN 07-22-1378  
3408 5th Avenue (including surrounding property)  
RMF1 & RMF2 to RMF2

LAND USE

Trip Generation Land Use Code\*  
Existing Land Use  
Proposed Land Use  
Existing Trip Rate Unit  
Proposed Trip Rate Unit

210, 220 & 560  
Residential-Multi-Family 1 (RMF1) & Residential-Multi-Family 2 (RMF2)  
Residential-Multi-Family 2 (RMF2)  
RMF1 & RMF2 - Acreage converted to square footage.  
RMF2 - Number of Church Seats

TRIP END CALCULATION\*

Land Use	ITE Code	Zone Code	Quantity	Trip Rate	Total Trips
Daily (Existing Zoning)					
Single Family Detached Housing	210	RMF1	1.476 Acres	9.43	101
Multifamily Housing - Low Rise	220	RMF2	1.71 Acres	6.74	67
Total					168
Daily (Proposed Zoning)					
Church	560	RMF2	400 Seats	0.90	72
				0.16	13
				2.21	442
Total					527

Note: \* Denotes calculation are based on Trip Generation, 8th Edition by Institute of Transportation Engineers

TRAFFIC PROJECTIONS

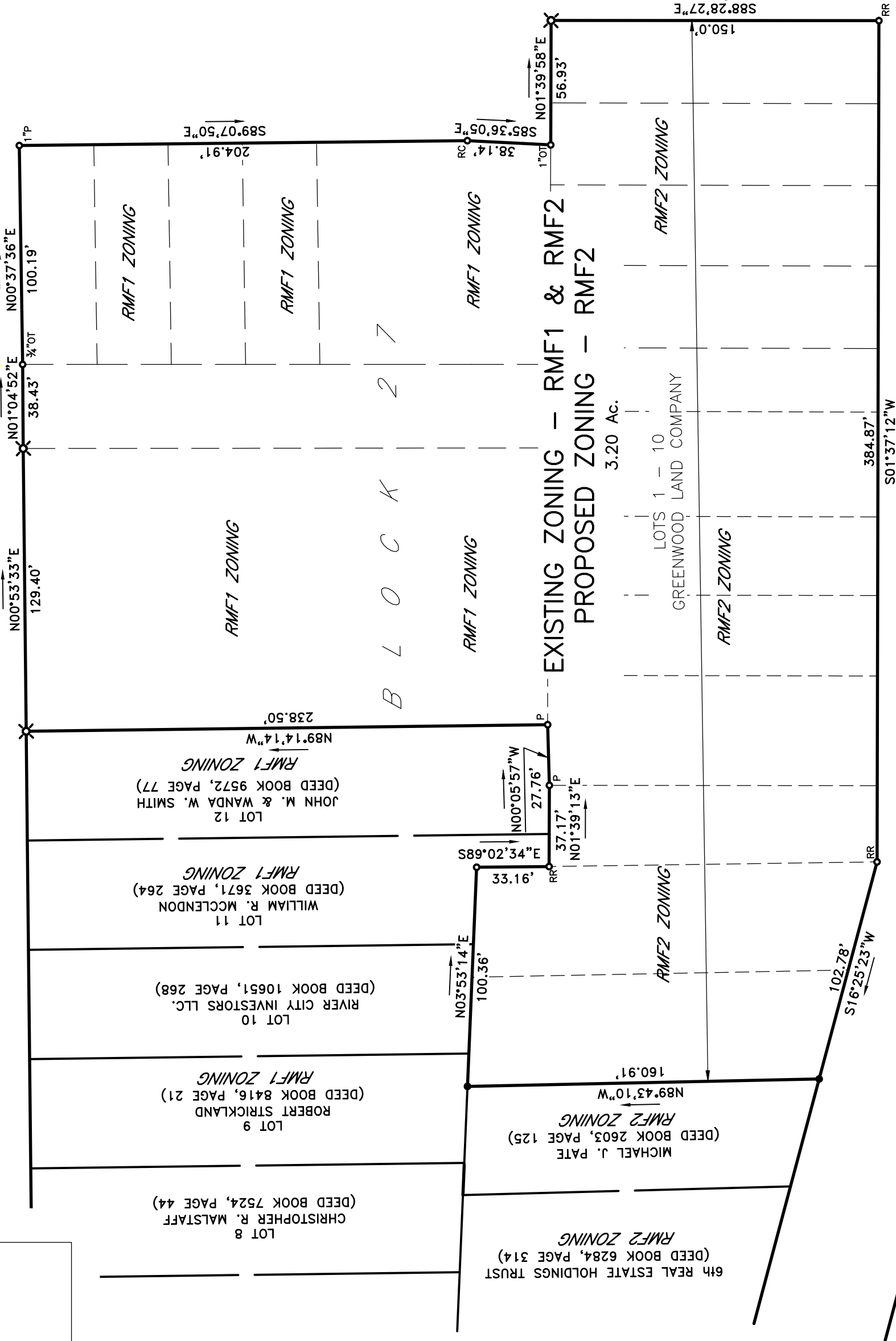
EXISTING ZONING (RMF1 & RMF2)					
Name of Street				5th Avenue	
Street Classification				Local	
No. of Lanes				2	
City Traffic Count (2020)				0	
Existing Level of Service (LOS)**					
Additional Traffic due to Existing Zoning				168	
Total Projected Traffic (2021)					527
Projected Level of Service (LOS)**					
PROPOSED ZONING (RMF2)					
Name of Street				5th Avenue	
Street Classification				Local	
No. of Lanes				2	
City Traffic Count (2020)				0	
Existing Level of Service (LOS)**					
Additional Traffic due to Proposed					527
Total Projected Traffic (2021)					
Projected Level of Service (LOS)**					

Note: \*\* Denotes Level of Service Based on National Standards for Different Facility Type (TABLE1- General Highway Capacities by Facility Type)

Number	Street	Parcel
3408	5th Avenue	014 018 004
3414	5th Avenue	014 018 002
500	35th Street	014 018 001
502	35th Street	014 018 045
504	35th Street	014 018 044
506	35th Street	014 018 043
508	35th Street	014 018 042
3419	6th Avenue	014 018 038
3417	6th Avenue	014 018 037
3413	6th Avenue	014 018 036
3411	6th Avenue	014 018 035
3409	6th Avenue	014 018 034
3403	6th Avenue	014 018 034A
3401	6th Avenue	014 018 034B
3319	6th Avenue	014 018 033
3317	6th Avenue	014 018 032
3313	6th Avenue	014 018 031
3309	6th Avenue	014 018 030
3305	6th Avenue	014 018 029A



5th AVENUE 80'

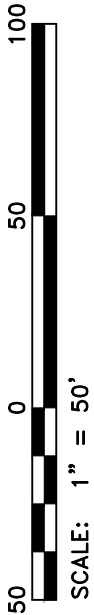


35th STREET  
(RIGHT-OF-WAY VARIES)

6th AVENUE 60'

NOTE: THIS PLAT WAS PREPARED TO ACCOMPANY  
A PETITION TO REZONE PROPERTY.

- LEGEND
- REBAR & CAP FOUND
  - PINCHED TOP IRON FOUND
  - RAILROAD IRON FOUND
  - OPEN TOP PIPE FOUND
  - X— DRILL HOLE FOUND
  - REBAR & CAP SET (MMW LSF 87)
  - ||— WOODEN FENCE
  - X— WIRE OR CHAIN LINK FENCE



REZONING PLAT  
LOT 140, AND LOTS 16 & 17, BLOCK 27  
**NORTH HIGHLAND LAND IMPROVEMENT  
& MANUFACTURING CO.**

AND LOTS 1 THRU 10, BLOCK 2

**GREENWOOD LAND COMPANY**

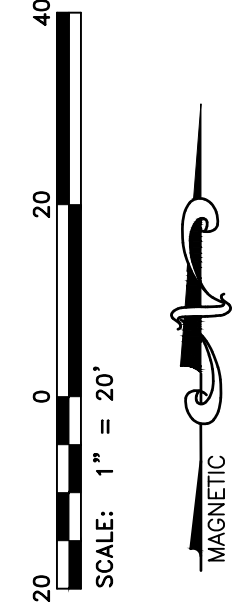
PART OF LAND LOT 72, 8th DISTRICT  
COLUMBUS, MUSCOGEE COUNTY, GEORGIA

Scale 1" = 50' 18 July 2022

**MOON MECKES & ASSOCIATES, INC.**

(GA. REG. NO. H206465)  
Civil Engineers — Land Surveyors  
100 Southern Way, Suite A, Columbus, Georgia, 31904  
(706) 327-8306





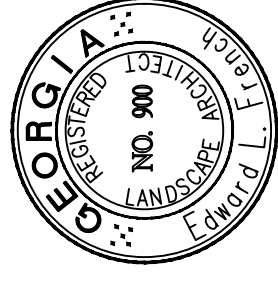
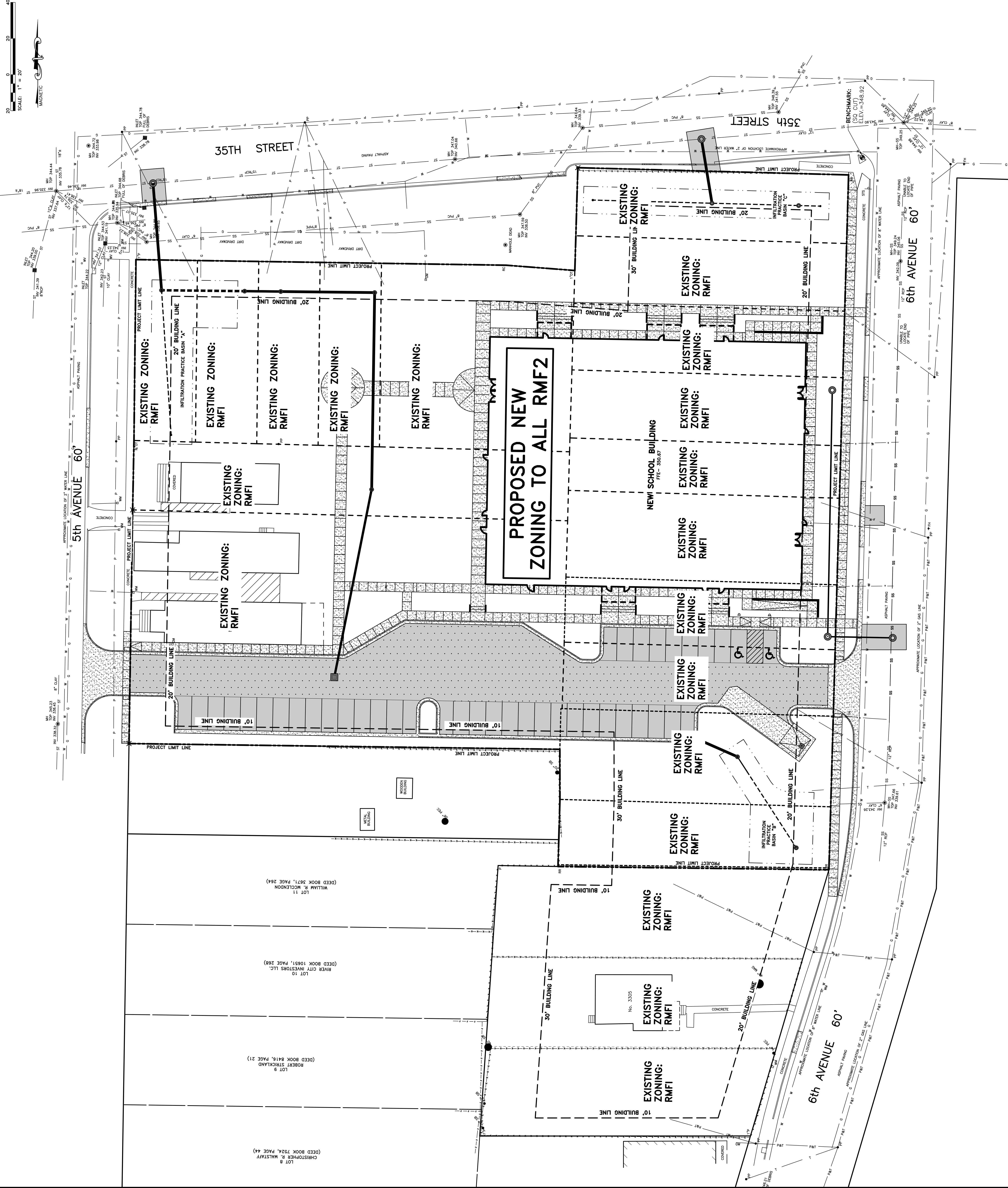
NOTE: INFORMATION REGARDING THE REVISED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND/OR AVAILABLE RECORDS. THE ACCURACY OF THIS INFORMATION AND ITS RELIABILITY FOR CONSTRUCTION PURPOSES IS NOT GUARANTEED. HOWEVER, MOON WEEKS & ASSOCIATES, INC. HAS NO NOTICE OR KNOWLEDGE OF ANY FACTS THAT WOULD LEAD US TO CONCLUDE THAT SUCH UTILITIES ARE NOT SHOWN AS ENCOUNTERED. THE OWNER, HIS EMPLOYEES AND HIS CONSULTANTS, HIS ASSAIGNS AND HIS ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF SUCH UTILITIES BASED UPON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS AND IS SHOWN HEREON.

**CAUTION !!!**  
CONTRACTOR TO LOCATE AND PROTECT EXISTING UTILITIES.  
CONTRACTOR TO NOTIFY COLUMBUS WATER WORKS BEFORE BEGINNING CONSTRUCTION.

- LEGEND
- REBAR & CAP FOUND (HOBBS)
  - PINCHED TOP IRON FOUND
  - GAS LINE
  - WATER LINE
  - SEWER LINE
  - POWER LINE
  - POWER & TELEPHONE LINES
  - WIRE OR CHAIN LINK FENCE
  - SANITARY SEWER LINE
  - SANITARY SEWER MANHOLE
  - FIRE HYDRANT
  - WATER METER
  - WATER METER VALVE
  - ELECTRICAL BOX
  - CREPE MYRTLE TREE
  - BRADFORD PEAR TREE
  - WALL OR FENCE SIGN
  - WARNING SIGN
  - AIR CONDITIONING UNIT

**PROPOSED LEGEND**

- ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- CONCRETE





**File Attachments for Item:**

**3. 1st Reading-** REZN-07-22-1372: An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at **8401 / 8421 / 8439 Veterans Pkwy / 2020 Old Guard Road** (parcel # 079-001-038 / 001 / 031 / 041) from SFR1 (Single Family Residential 1) and RE1 (Residential Estate 1) Zoning Districts to RO (Residential Office) and GC (General Commercial) Zoning Districts. (Planning Department and PAC recommend approval) (Councilor Davis)

## AN ORDINANCE

NO. \_\_\_\_\_

An Ordinance amending the Zoning Atlas of the Consolidated Government of Columbus, Georgia, to change certain boundaries of a district located at 8401 / 8421 / 8439 Veterans Pkwy / 2020 Old Guard Road (parcel # 079-001-038 / 001 / 031 / 041) from SFR1 (Single Family Residential 1) and RE1 (Residential Estate 1) Zoning Districts to RO (Residential Office) and GC (General Commercial) Zoning Districts.

### THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY ORDAINS AS FOLLOWS:

#### Section 1.

The Zoning Atlas on file with the Planning Department is hereby amended by changing the property described below from SFR 1 (Single Family Residential 1) and RE1 (Residential Estate 1) Zoning Districts to RO (Residential Office) and GC (General Commercial) Zoning Districts as specified below and shown on Exhibit "A":

#### **LOT 500 (Rezone from SFR1 and RE1 to GC)**

"Begin at a concrete monument at the southeasterly end of a mitered corner forming the intersection of the northerly line of Veterans Parkway and the easterly line of Old Guard Road; thence North 50 degrees 13 minutes 50 seconds West, along said miter, 114.73 feet to a concrete monument on the easterly line of Old Guard Road; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 700.10 feet and being subtended by a 90.34 foot chord bearing North 01 degree 33 minutes 43 seconds West), 90.40 feet to a concrete monument; thence continue along Old Guard Road, North 88 degrees 45 minutes 08 seconds West, 9.44 feet to a concrete monument; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 690.0 feet and being subtended by a 246.07 foot chord bearing North 11 degrees 32 minutes 31 seconds East), 247.39 feet to a rebar & cap; thence leaving Old Guard Road, South 81 degrees 16 minutes 15 seconds East, 535.66 feet to a rebar & cap; thence South 26 degrees 05 minutes 20 seconds East, 85.95 feet to a concrete monument on the northerly line of Veterans Parkway; thence continue along Veterans Parkway, South 26 degrees 05 minutes 20 seconds East, 63.70 feet to a concrete monument ; thence continue along Veterans Parkway, along the arc of a clockwise curve (said arc having a radius of 2324.0 feet and being subtended by a 448.08 foot chord bearing South 69 degrees 34 minutes 44 seconds West), 448.78 feet to a nail; thence continue along Veterans Parkway, South 75 degrees 10 minutes 14 seconds West, 128.78 feet to a concrete monument on the southeasterly end of a mitered corner and the POINT OF BEGINNING, containing 4.02 acres."

#### **LOT 501 (Rezone from SFR1 and RE1 to RO)**

"Commence at a concrete monument at the southeasterly end of a mitered corner forming the intersection of the northerly line of Veterans Parkway and the easterly line of Old Guard Road; thence North 50 degrees 13

minutes 50 seconds West, along said miter, 114.73 feet to a concrete monument on the easterly line of Old Guard Road; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 700.10 feet and being subtended by a 90.34 foot chord bearing North 01 degree 33 minutes 43 seconds West), 90.40 feet to a concrete monument; thence continue along Old Guard Road, North 88 degrees 45 minutes 08 seconds West, 9.44 feet to a concrete monument; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 690.0 feet and being subtended by a 246.07 foot chord bearing North 11 degrees 32 minutes 31 seconds East), 247.39 feet to a rebar & cap and the POINT OF BEGINNING; (next 6 calls are along the easterly line of Old Guard Road) thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 690.0 feet and being subtended by a 322.65 foot chord bearing North 35 degrees 20 minutes 04 seconds East), 325.67 feet to a rebar; thence North 48 degrees 57 minutes 30 seconds East, 37.02 feet to a rebar; thence North 40 degrees 28 minutes 11 seconds West, 10.0 feet to a rebar & cap; thence North 49 degrees 16 minutes 36 seconds East, 62.99 feet to a rebar; thence along the arc of a counterclockwise curve (said arc having a radius of 634.35 feet and being subtended by a 829.74 foot chord bearing North 08 degrees 19 minutes 53 seconds East), 904.42 feet to a rebar; thence North 32 degrees 25 minutes 35 seconds West, 99.86 feet to a rebar; thence along the arc of a clockwise curve (said arc having a radius of 464.05 feet and being subtended by a 6.58 foot chord bearing North 32 degrees 07 minutes 25 seconds West), 6.58 feet to a rebar & cap; thence leaving Old Guard Road, North 60 degrees 12 minutes 57 seconds East, 126.10 feet to a manhole; thence North 48 degrees 59 minutes 40 seconds East, 275.53 feet to a manhole; thence North 51 degrees 38 minutes 17 seconds East, 132.90 feet to a rebar & cap; thence South 66 degrees 38 minutes 46 seconds East, 281.32 feet to a rebar; thence South 00 degrees 18 minutes 10 seconds East, 521.35 feet to a square rod; thence South 87 degrees 44 minutes 56 seconds East, 299.10 feet to a rebar & cap; thence South 11 degrees 41 minutes 23 seconds East, 412.39 feet to a rebar & cap; thence South 60 degrees 05 minutes 49 seconds West, 963.49 feet to a rebar & cap; thence South 08 degrees 43 minutes 45 seconds West, 127.0 feet to a rebar & cap; thence North 81 degrees 16 minutes 15 seconds West, 535.66 feet to a rebar & cap on the easterly line of Old Guard Road and the POINT OF BEGINNING, containing 25.09 acres.”

#### **LOT 502 (Rezone from SFR1 and RE1 to GC)**

“Commence at a concrete monument at the southeasterly end of a mitered corner forming the intersection of the northerly line of Veterans Parkway and the easterly line of Old Guard Road; thence North 75 degrees 10 minutes 14 seconds East, along Veterans Parkway, 128.78 feet to a nail; thence continue along Veterans Parkway, along the arc of a counterclockwise curve (said arc having a radius of 2324.0 feet and being subtended by a 448.08 foot chord bearing North 69 degrees 34 minutes 44 seconds East), 448.78 feet to a concrete monument; thence continue along Veterans Parkwy, North 26 degrees 05 minutes 20 seconds West, 63.70 feet to a concrete monument and the POINT OF BEGINNING; thence leaving Veterans Parkway, North 26 degrees 05 minutes 20 seconds West, 85.95

feet to a rebar & cap; thence North 08 degrees 43 minutes 45 seconds East, 127.0 feet to a rebar & cap; thence North 60 degrees 05 minutes 49 seconds East, 963.49 feet to a rebar & cap; thence South 11 degrees 41 minutes 23 seconds East, 266.27 feet to a rebar & cap on the northerly line of Veterans Parkway; (next 8 calls are along Veterans Parkway) thence South 60 degrees 02 minutes 27 seconds West, along Veterans Parkway, 233.12 feet to a concrete monument; thence North 29 degrees 56 minutes 32 seconds West, 23.79 feet to a concrete monument; thence South 60 degrees 22 minutes 34 seconds West, 30.05 feet to a concrete monument; thence South 30 degrees 00 minutes 20 seconds East, 24.35 feet to a concrete monument; thence South 60 degrees 00 minutes 10 seconds West, 542.23 feet to a rebar & cap; thence along the arc of a clockwise curve (said arc having a radius of 2324.0 feet and being subtended by a 130.46 foot chord bearing South 61 degrees 46 minutes 40 seconds West), 130.48 feet to a concrete monument; thence North 26 degrees 41 minutes 46 seconds West, 63.80 feet to a concrete monument; thence South 63 degrees 30 minutes 28 seconds West, 33.13 feet to a concrete monument and the POINT OF BEGINNING, containing 5.69 acres.”

**LOT 503 (Currently zoned RE1 and will remain RE1)**

“Commence at a concrete monument at the southeasterly end of a mitered corner forming the intersection of the northerly line of Veterans Parkway and the easterly line of Old Guard Road; thence North 50 degrees 13 minutes 50 seconds West, along said miter, 114.73 feet to a concrete monument on the easterly line of Old Guard Road; (next 10 calls are along Old Guard Road) thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 700.10 feet and being subtended by a 90.34 foot chord bearing North 01 degree 33 minutes 43 seconds West), 90.40 feet to a concrete monument; thence North 88 degrees 45 minutes 08 seconds West, 9.44 feet to a concrete monument; thence along the arc of a clockwise curve (said arc having a radius of 690.0 feet and being subtended by a 246.07 foot chord bearing North 11 degrees 32 minutes 31 seconds East), 247.39 feet to a rebar & cap; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 690.0 feet and being subtended by a 322.65 foot chord bearing North 35 degrees 20 minutes 04 seconds East), 325.67 feet to a rebar; thence North 48 degrees 57 minutes 30 seconds East, 37.02 feet to a rebar; thence North 40 degrees 28 minutes 11 seconds West, 10.0 feet to a rebar & cap; thence North 49 degrees 16 minutes 36 seconds East, 62.99 feet to a rebar; thence along the arc of a counterclockwise curve (said arc having a radius of 634.35 feet and being subtended by a 829.74 foot chord bearing North 08 degrees 19 minutes 53 seconds East), 904.42 feet to a rebar; thence North 32 degrees 25 minutes 35 seconds West, 99.86 feet to a rebar; thence along the arc of a clockwise curve (said arc having a radius of 464.05 feet and being subtended by a 6.58 foot chord bearing North 32 degrees 07 minutes 25 seconds West), 6.58 feet to a rebar & cap and the POINT OF BEGINNING ; thence continue along Old Guard Road, along the arc of a clockwise curve (said arc having a radius of 464.05 feet and being subtended by a 429.06 foot chord bearing North 04 degrees 10 minutes 55 seconds West), 446.03 feet to a rebar; thence continue along Old Guard



Road, North 23 degrees 21 minutes 14 seconds East, 85.86 feet to rebar & cap; thence leaving Old Guard Road, South 66 degrees 38 minutes 46 seconds East, 456.21 feet to a rebar & cap; thence South 51 degrees 38

minutes 17 seconds West, 132.90 feet to a manhole; thence South 48 degrees 59 minutes 40 seconds West, 275.53 feet to a manhole; thence South 60 degrees 12 minutes 57 seconds West, 126.10 feet to a rebar & cap on the easterly line of Old Guard Road and the POINT OF BEGINNING, containing 3.07 acres.”

---

Introduced at a regular meeting of the Council of Columbus, Georgia held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022; introduced a second time at a regular meeting of said Council held on the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen	voting _____
Councilor Barnes	voting _____
Councilor Crabb	voting _____
Councilor Davis	voting _____
Councilor Garrett	voting _____
Councilor House	voting _____
Councilor Huff	voting _____
Councilor Thomas	voting _____
Councilor Tucker	voting _____
Councilor Woodson	voting _____

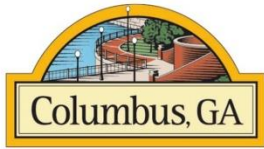
---

**Sandra T Davis**  
Clerk of Council

---

**B. H. “Skip” Henderson, III**  
Mayor





CONSOLIDATED GOVERNMENT  
*What progress has preserved.*  
 PLANNING DEPARTMENT

## COUNCIL STAFF REPORT

### REZN-07-22-1372

<b>Applicant:</b>	Steve Corbett
<b>Owner:</b>	Same
<b>Location:</b>	8401 / 8421 / 8439 Veterans Parkway / 2020 Old Guard Road
<b>Parcel:</b>	079-001-038 / 001 / 031 / 041
<b>Acreage:</b>	37.90 Acres
<b>Current Zoning Classification:</b>	SFR1 (Single Family Residential 1) RE1 (Residential Estate 1)
<b>Proposed Zoning Classification:</b>	RO (Residential Office) GC (General Commercial)
<b>Current Use of Property:</b>	Vacant / Undeveloped
<b>Proposed Use of Property:</b>	Mixed-Use
<b>Council District:</b>	District 2 (Davis)
<b>PAC Recommendation:</b>	<b>Approval</b> based on the Staff Report and compatibility with existing land uses.
<b>Planning Department Recommendation:</b>	<b>Approval</b> based on compatibility with existing land uses.
<b>Fort Benning's Recommendation:</b>	N/A
<b>DRI Recommendation:</b>	N/A
<b>General Land Use:</b>	Consistent Planning Area A

<b>Current Land Use Designation:</b>	Vacant / Undeveloped																		
<b>Future Land Use Designation:</b>	Mixed-Use																		
<b>Compatible with Existing Land-Uses:</b>	Yes																		
<b>Environmental Impacts:</b>	The property does not lie within the floodway and floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.																		
<b>City Services:</b>	Property is served by all city services.																		
<b>Traffic Impact:</b>	Average Annual Daily Trips (AADT) will increase to 8,407 trips up from 2,065 trips if used for mixed-use. The Level of Service (LOS) will remain at level C.																		
<b>Traffic Engineering:</b>	This site shall meet the Codes and regulations of the Columbus Consolidated Government for mixed-use usage.																		
<b>Surrounding Zoning:</b>	<table> <tr> <td><b>North</b></td><td>RE1 (Residential Estate 1)</td></tr> <tr> <td><b>South</b></td><td>RO (Residential Office)</td></tr> <tr> <td></td><td>GC (General Commercial)</td></tr> <tr> <td></td><td>SFR4 (Single Family Residential 1)</td></tr> <tr> <td><b>East</b></td><td>SFR1 (Single Family Residential 1)</td></tr> <tr> <td></td><td>RE1 (Residential Estate 1)</td></tr> <tr> <td><b>West</b></td><td>GC (General Commercial)</td></tr> <tr> <td></td><td>SFR1 (Single Family Residential 1)</td></tr> <tr> <td></td><td>RE (Residential Estate 1)</td></tr> </table>	<b>North</b>	RE1 (Residential Estate 1)	<b>South</b>	RO (Residential Office)		GC (General Commercial)		SFR4 (Single Family Residential 1)	<b>East</b>	SFR1 (Single Family Residential 1)		RE1 (Residential Estate 1)	<b>West</b>	GC (General Commercial)		SFR1 (Single Family Residential 1)		RE (Residential Estate 1)
<b>North</b>	RE1 (Residential Estate 1)																		
<b>South</b>	RO (Residential Office)																		
	GC (General Commercial)																		
	SFR4 (Single Family Residential 1)																		
<b>East</b>	SFR1 (Single Family Residential 1)																		
	RE1 (Residential Estate 1)																		
<b>West</b>	GC (General Commercial)																		
	SFR1 (Single Family Residential 1)																		
	RE (Residential Estate 1)																		
<b>Reasonableness of Request:</b>	The request is compatible with existing land uses.																		
<b>School Impact:</b>	N/A																		
<b>Buffer Requirement:</b>	<p>The site shall include a Category C buffer along all property lines bordered by the SFR1 / RE1 zoning district. The 3 options under Category C are:</p> <ol style="list-style-type: none"> <li>1) <b>20 feet</b> with a certain amount of canopy trees, under story trees, and shrubs / ornamental grasses per 100 linear feet.</li> <li>2) <b>10 feet</b> with a certain amount of shrubs / ornamental grasses per 100 linear feet and a wood fence or masonry wall.</li> </ol>																		

3) **30 feet** undisturbed natural buffer.

**Attitude of Property Owners:**

**Thirty (30)** property owners within 300 feet of the subject properties were notified of the rezoning request. The Planning Department received **One (2)** calls and/or emails regarding the rezoning.

**Approval**  
**Opposition**

**0** Responses  
**2** Responses

**Additional Information:**

Veterans Parkway Overlay

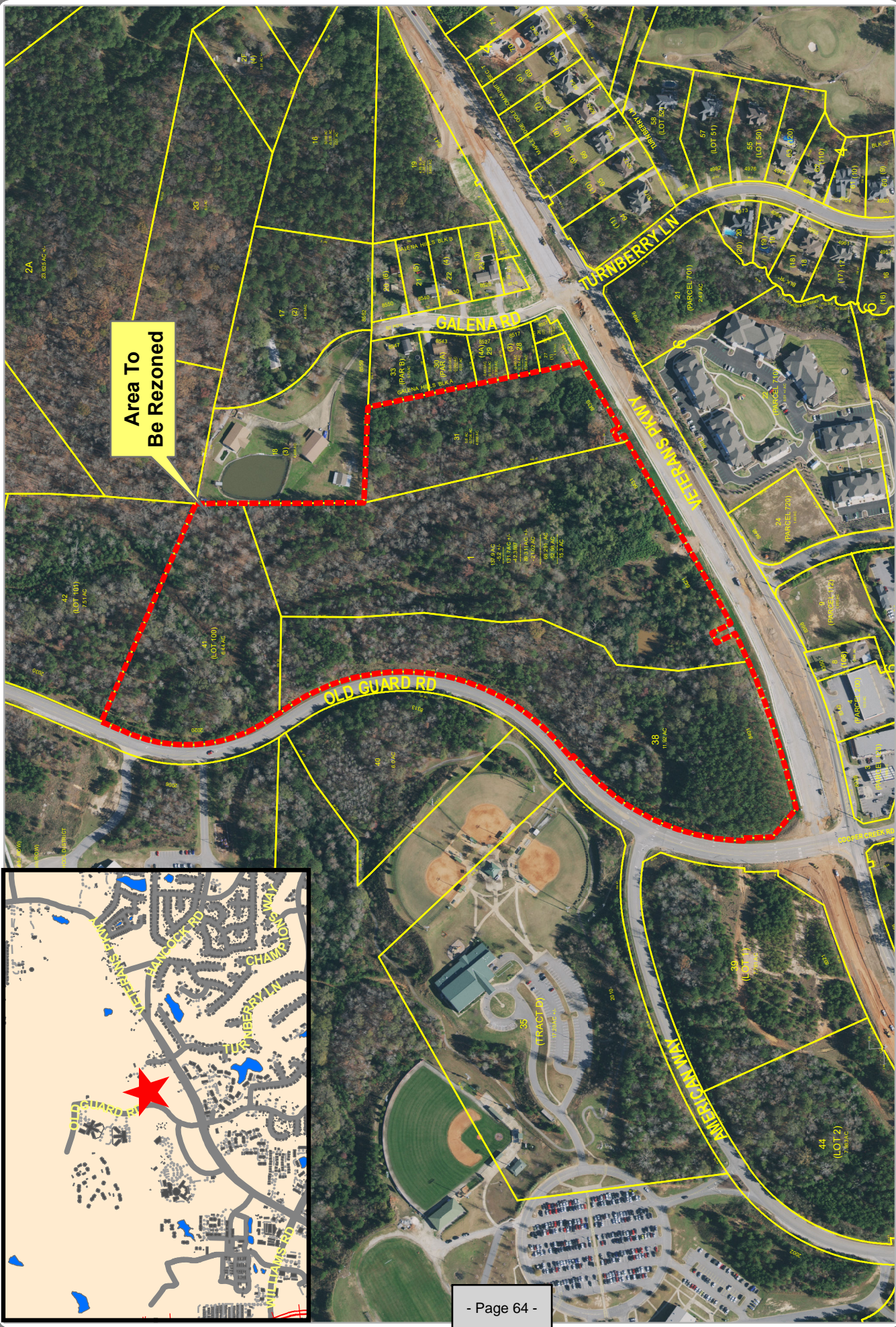
Provided Traffic Study shows some intersections at a Category F. The Engineering Department has reviewed and are not concerned with internal backup causing a low traffic score.

Muscogee County School District is still concerned with increased traffic flow at drop off and pick up times due to recent development in the area.

**Attachments:**

Aerial Land Use Map  
Location Map  
Zoning Map  
Existing Land Use Map  
Future Land Use Map  
Traffic Report  
Flood Map





This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/22/2022

Item #3.

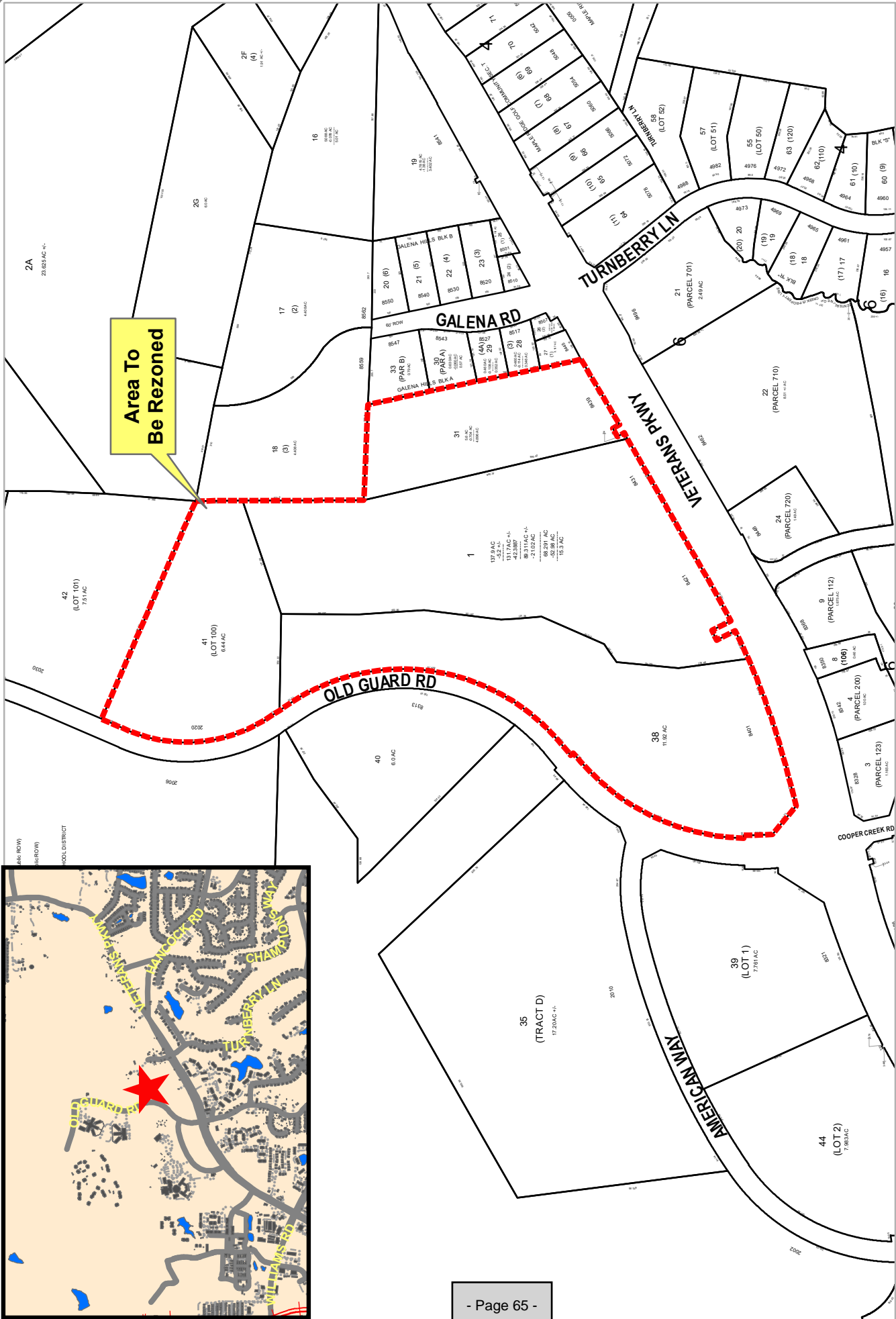


0 200 400 Feet  
1 inch = 400 feet  
Data Source: IT/GIS  
Author: David Cooper

Aerial Map for REZN 07-22-1372  
Map 079 Block 001 Lots 001, 031, 038 & 041  
Planning Department-Planning Division  
Prepared By Planning GIS Tech

Item #3.





This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/12/2022

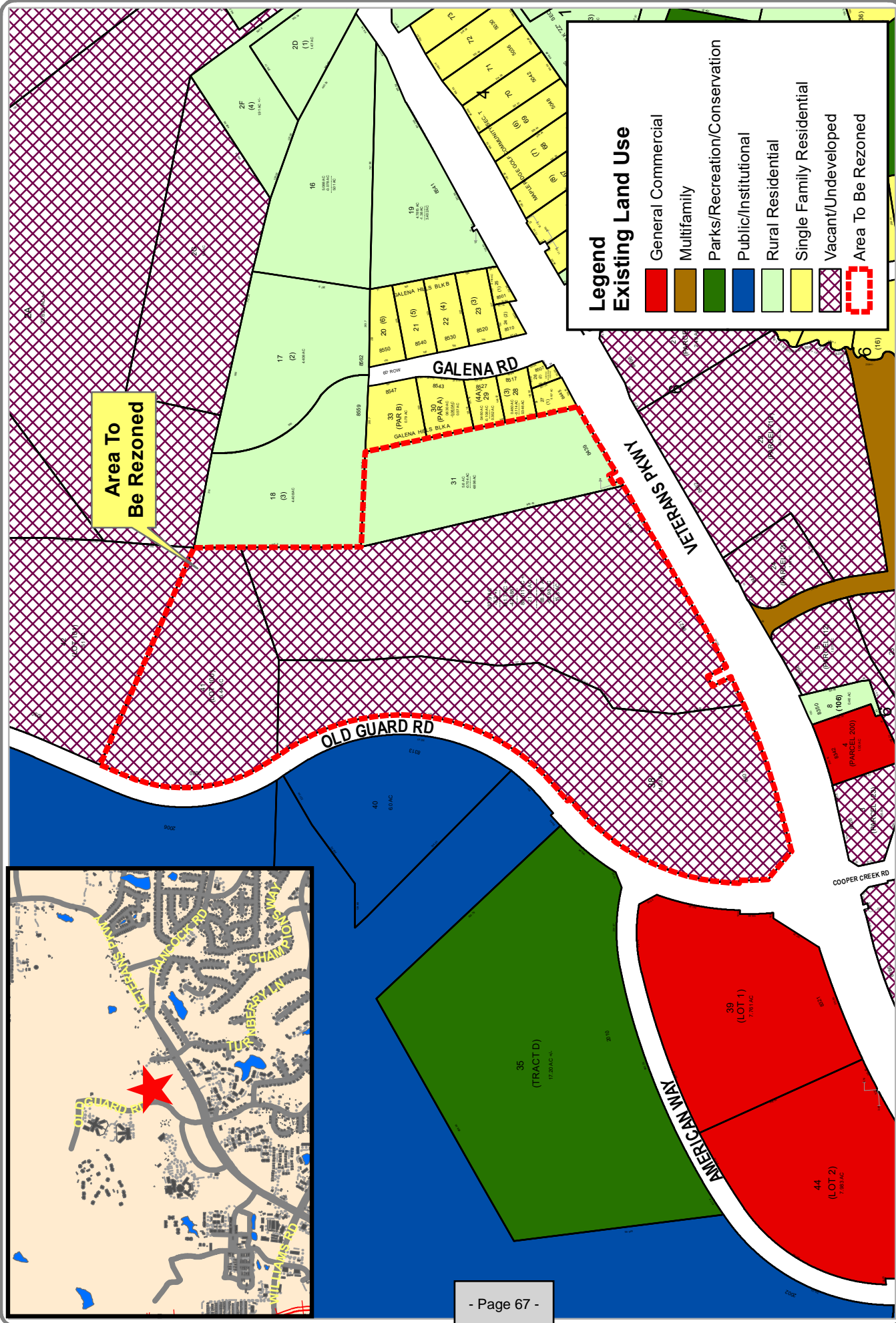
Location Map for REZN 07-22-1372  
 Map 079 Block 001 Lots 001, 031, 038 & 041  
 Planning Department-Planning Division  
 Prepared By Planning GIS Tech

Item #3.

0 200 400 Feet  
 1 inch = 400 feet  
 Data Source: IT/GIS  
 Author: David Cooper







### Legend

#### Existing Land Use

<span style="display:inline-block; width:15px; height:15px; background-color:red; border:1px solid black;"></span> General Commercial	<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> Public/Institutional	<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span> Single Family Residential
<span style="display:inline-block; width:15px; height:15px; background-color:purple; border:1px solid black;"></span> Multifamily	<span style="display:inline-block; width:15px; height:15px; background-color:green; border:1px solid black;"></span> Parks/Recreation/Conservation	<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen; border:1px solid black;"></span> Vacant/Undeveloped
<span style="display:inline-block; width:15px; height:15px; background-color:lightblue; border:1px solid black;"></span> Area To Be Rezoned		

**Area To Be Rezoned**



**Item #3.**

0 200 400 Feet  
1 inch = 400 feet

Data Source: IT/GIS  
Author: David Cooper

**Existing Land Use Map for REZN 07-22-1372**  
**Map 079 Block 001 Lots 001, 031, 038 & 041**

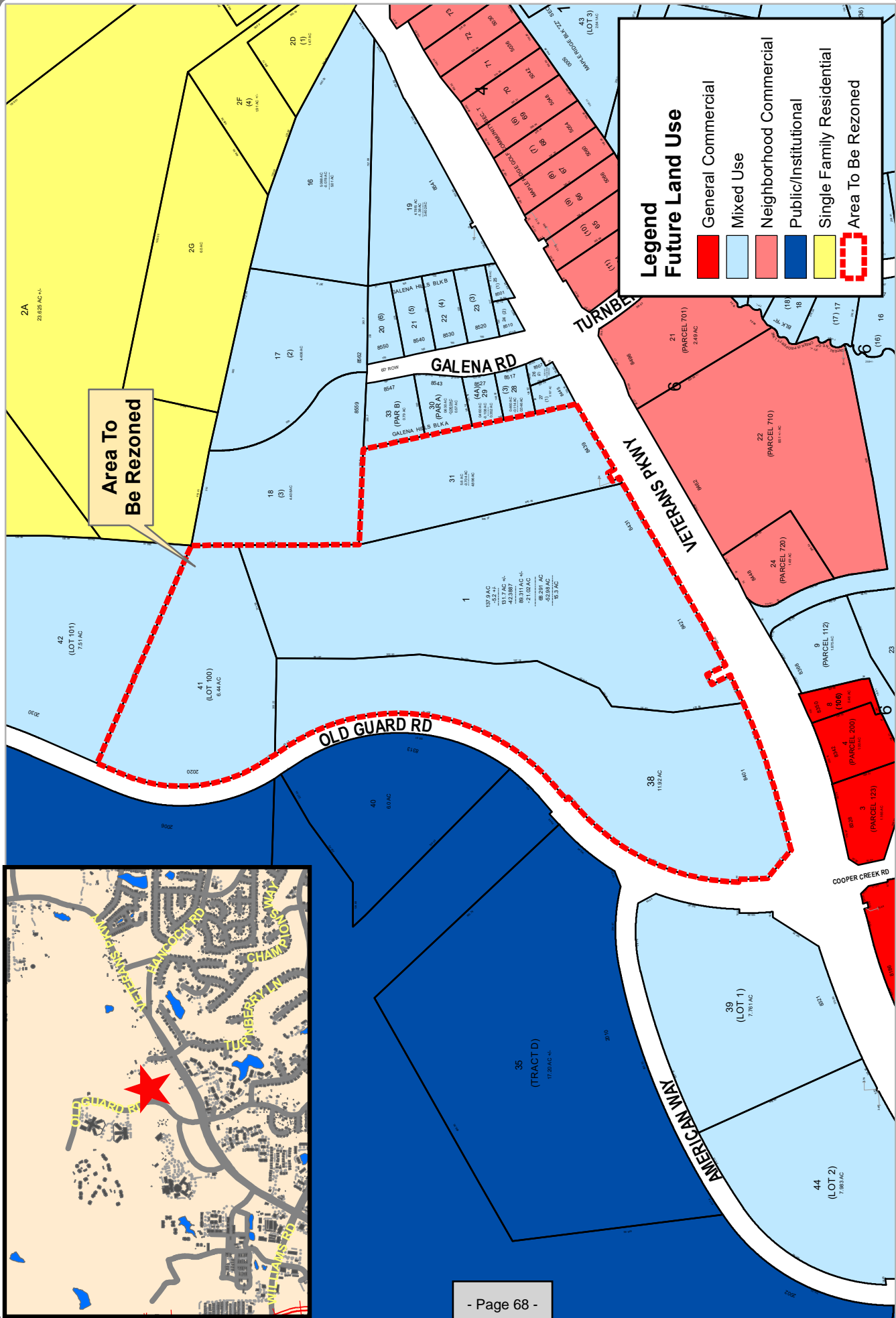
Planning Department-Planning Division  
 Prepared By Planning GIS Tech

This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/25/2022

0 200 400 Feet  
1 inch = 400 feet

Data Source: IT/GIS  
Author: David Cooper



Date: 7/25/2022

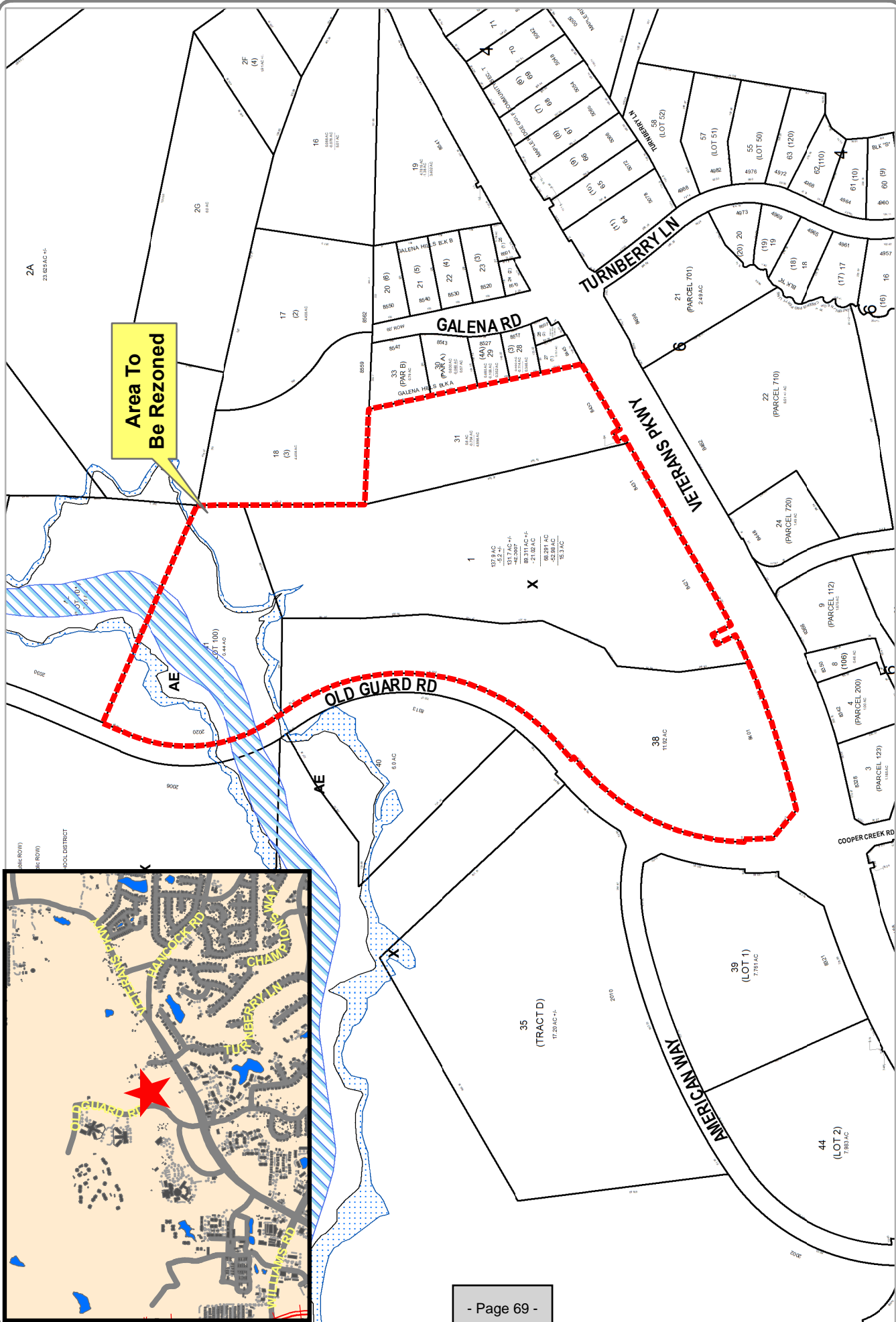
This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Future Land Use Map for REZN 07-22-1372  
 Map 079 Block 001 Lots 001, 031, 038 & 041  
 Planning Department-Planning Division  
 Prepared By Planning GIS Tech

0 200 400 Feet  
 1 inch = 400 feet  
 Data Source: IT/GIS  
 Author: David Cooper



Item #3.



Area To  
Be Rezoned



0 200 400 Feet  
1 inch = 400 feet  
Data Source: IT/GIS  
Author: David Cooper

Floodzone Map for REZN 07-22-1372  
Map 079 Block 001 Lots 001, 031, 038 & 041  
Planning Department-Planning Division  
Prepared By Planning GIS Tech

This material is made available as a public service.  
Maps and data are to be used for reference purposes only.  
The data contained is subject to constant change.  
Map information is believed to be correct but is not guaranteed.



Date: 7/22/2022

REZONING TRAFFIC ANALYSIS FORM

ZONING CASE NO.  
PROJECT  
CLIENT  
REZONING REQUEST

REZN 07-22-1372  
8401, 8421, and 8439 Veteran's Parkway and 2020 Old Guard Road  
SFR1 & RE1 to GC & RO

LAND USE

Trip Generation Land Use Code\*  
Existing Land Use  
Proposed Land Use  
Existing Trip Rate Unit  
Proposed Trip Rate Unit

210, 220, 930, 945 & 820  
Residential-Multi-Family 1 (RMF1) & Neighborhood Commercial (NC)  
General Commercial - (GC)  
RMF1 & NC - Acreage converted to square footage.  
GC - Number of Vehicle Fueling Positions

TRIP END CALCULATION\*

Land Use	ITE Code	Zone Code	Quantity	Trip Rate	Total Trips
Daily (Existing Zoning)					
Single Family Detached Housing	210	SFR1	18.113 Acres	9.43	1,860
Single Family Detached Housing	210	RE1	21.75 Acres	9.43	205
				Total	2,065
Daily (Proposed Zoning)					
Shopping Center	820	GC	6,000 Sq. Ft.		4,378
Fast Casual Restaurant	930	GC	4,000 Sq. Ft.		1,499
Convenience Store/Gas Station	945	GC	20 Pumps		1,209
Multi-Family Housing (Low Rise)	220	RO	196 Units		1,321
				Total	8,407

Note: \* Denotes calculation are based on Trip Generation, 8th Edition by Institute of Transportation Engineers

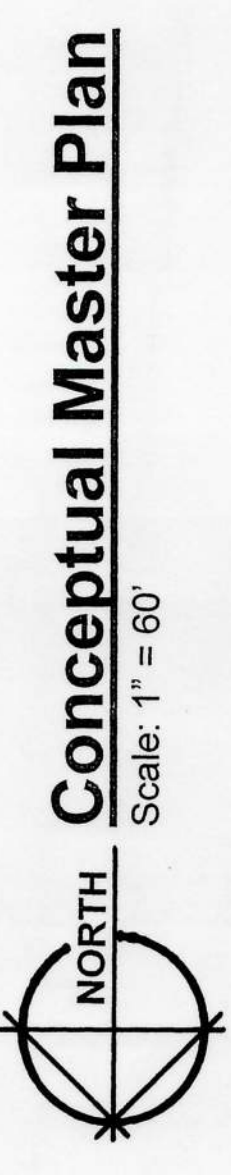
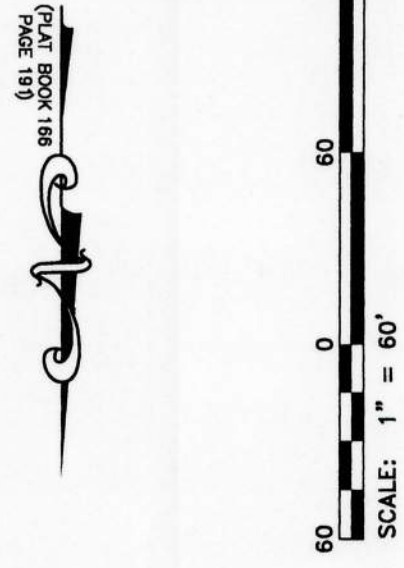
TRAFFIC PROJECTIONS

EXISTING ZONING (SFR1 & RE1)				PROPOSED ZONING (GC & RO)			
Name of Street			Veterans Parkway	Name of Street			Veterans Parkway
Street Classification			Divided Arterial	Street Classification			Divided Arterial
No. of Lanes			4	No. of Lanes			4
City Traffic Count (2020)			14,400	City Traffic Count (2020)			14,400
Existing Level of Service (LOS)**			B	Existing Level of Service (LOS)**			B
Additional Traffic due to Existing Zoning			2,065	Additional Traffic due to Proposed			8,407
Total Projected Traffic (2021)			16,465	Total Projected Traffic (2021)			22,807
Projected Level of Service (LOS)**			B	Projected Level of Service (LOS)**			C

Note: \*\* Denotes Level of Service Based on National Standards for Different Facility Type (TABLE1- General Highway Capacities by Facility Type)



OWNER INFORMATION  
STEVEN W. CORBETT  
P.O. BOX 3290  
PHENIX CITY, AL 36868  
PHONE: 334-237-6485



Project Information

Total Site Area	37.9 +/- Acres
Current Zoning	RE1
Proposed Zoning & Associated Acreage	GC 9.7 Acres RO 25.1 Acres RE1 3.1 Acres
State Waters On Site	Yes
Jurisdictional Wetlands On Site	Yes

WATER SERVICE & SANITARY SEWER CONNECTIONS SHALL BE MADE TO COLUMBUS WATER WORKS PUBLIC SYSTEMS.

THIS SKETCH IS CONCEPTUAL IN NATURE AND IS SIMPLY BASED ON THE LIMITED INFORMATION PROVIDED. CERTAIN LAND CHARACTERISTICS SUCH AS ROCK, TOPOGRAPHY, WETLANDS, STATE WATERS, AVAILABLE UTILITIES AND NATURAL DRAINAGE PATTERNS WILL CERTAINLY IMPACT THE FINAL DESIGN.



Traffic Study  
Prepared for  
**Steve Corbett Construction**

## Old Guard Road Development Columbus, GA

June 21, 2022

Submitted by  
**Maldino & Wilburn, LLC**

Report Date:  
June 21, 2022

Prepared For:  
Mr. Dan Nibblett  
Project Manager  
Steve Corbett Construction  
PO Box 518  
Phenix City, AL 36868

Prepared By:  
Vern Wilburn, PE, PTOE  
Maldino & Wilburn  
1864 Lower Fayetteville Road  
Newnan, GA 30265  
vern@mwtraffic.com

Additional investigation by:  
Mallory Maldino, EIT

Maldino & Wilburn Project No.:  
22-09

# Table of Contents

1 Introduction.....	1
2 Existing Conditions .....	3
Typical Sections and Intersection Spacing.....	3
Traffic Control and Intersection Geometry .....	3
Traffic Volumes .....	3
Field Observations .....	7
3 Projected Conditions.....	8
Trip Generation .....	8
Trip Distribution.....	9
Traffic Assignment.....	10
Total Projected Volumes .....	15
Auxiliary Turn Lane Requirements.....	16
4 Capacity Analysis .....	19
5 Summary .....	21
Appendices .....	23
Site Plan .....	A
Traffic Data Reports .....	B
Trip Generation Reports.....	C
Capacity Analysis Reports – Existing Conditions.....	D
Capacity Analysis Reports – Projected Conditions .....	E



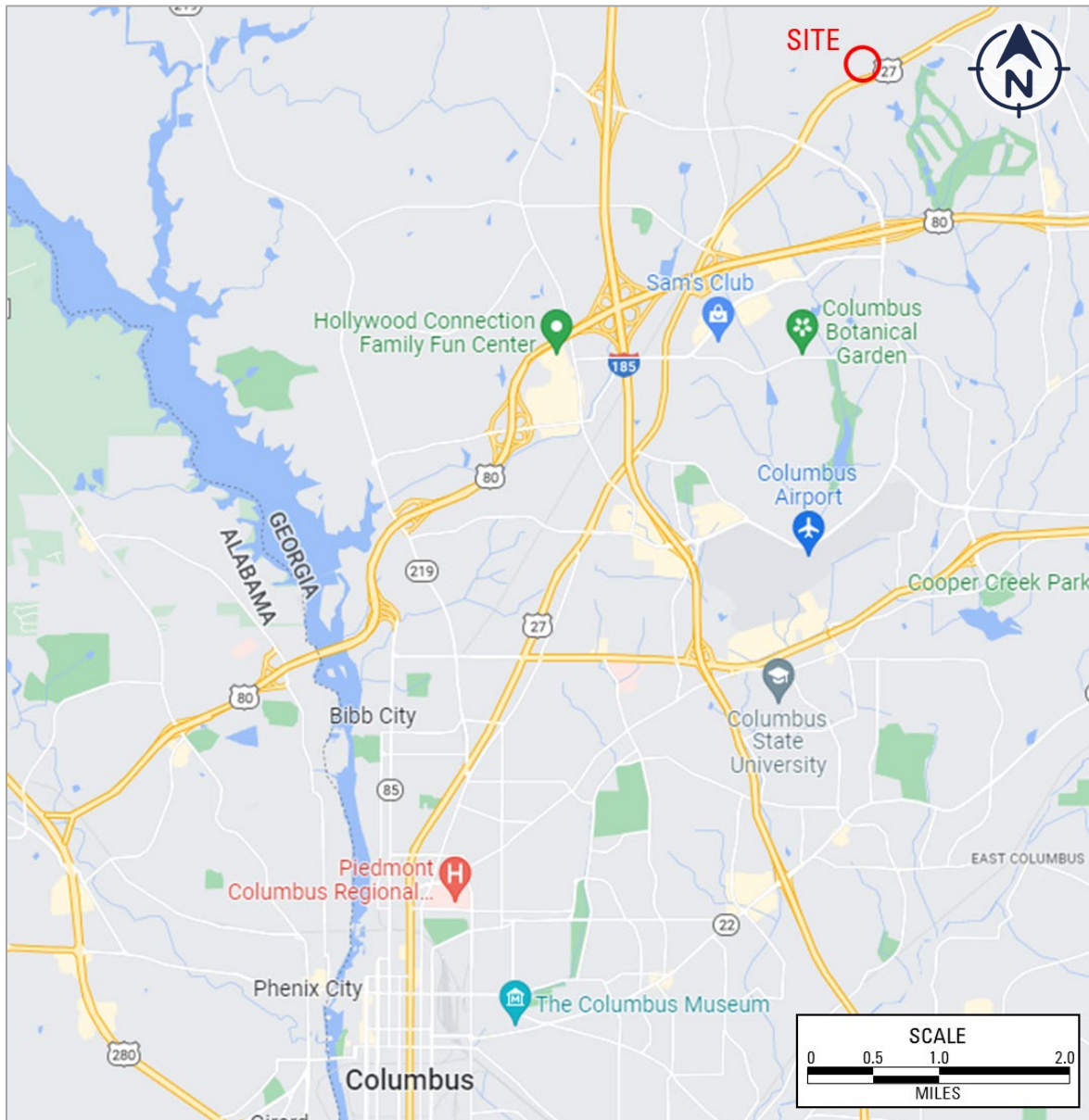
# Figures & Tables

Figure 1: Project Location Map.....	1
Figure 2: Study Area Details .....	2
Figure 3A-3B: Existing Conditions .....	4-5
Figure 4: Existing Traffic Volumes .....	6
Figure 5: Schools in Study Area.....	7
Figure 6: Trip Distribution .....	9
Figure 7A-7D: Traffic Assignment .....	11-14
Figure 8: Total Projected Volumes.....	15
Figure 9: Estimated Daily Turn Volumes into Development .....	17
Figure 10: GDOT Turn Lane Warrant Volume Thresholds.....	18
Table 1: Trip Generation Summary .....	8
Table 2: Distribution of New Trips to Roadway Network.....	9
Table 3: Driveway Utilization Percentages .....	10
Table 4: Assessment of Need for Dedicated Turn Lanes into Development.....	18
Table 5: HCM Level of Service Scales.....	19
Table 6: Capacity Analysis Results .....	20

# 1 Introduction

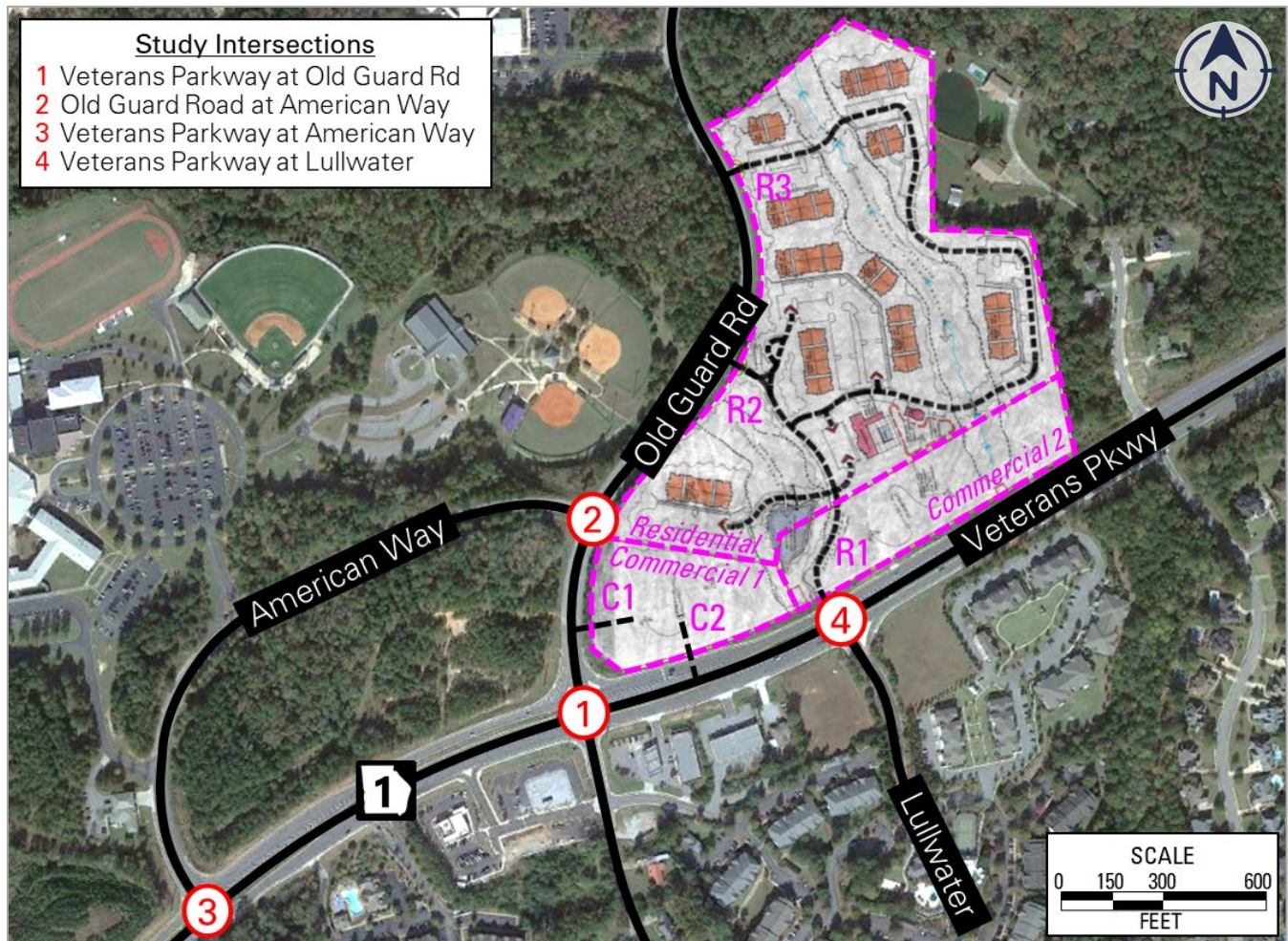
The purpose of this study is to evaluate the traffic-related impact of a mixed-use development planned for the northeast corner of the intersection of Veterans Parkway and Old Guard Road in Columbus, Georgia. The project location is shown on the map below in Figure 1.

Figure 1: Project Location Map



The development, as well as the existing intersections which will be included in this study, are shown on the following page in Figure 2. The site plan for the development shows five proposed driveways, which will be referred to as labelled in the figure. A full site plan is provided in Appendix A.

Figure 2: Study Area Details



The development was divided into three portions: Residential, Commercial 1, and Commercial 2. Residential and Commercial 2 will share access to Veterans Parkway via R1. Residential will be accessed from Old Guard Road via R2 and R3 (R3 will serve as an emergency access and will not be used by typical development traffic). Commercial 1 will have access to Veterans Parkway and Old Guard Road via C1 and C2, respectively, and will not share any interconnectivity with the other two portions. All driveways will be full-access except C2, which will be restricted to right-in and right-out movements only.

The development will include the residential and commercial land uses listed below; the particular commercial land uses are likely but not certain at this time.

- Residential: 196 Multi-Family Residential Units
- Commercial 1: 4,000 Square-Foot Restaurant Space, 6,000 Square-Foot Convenience Store with 10 Fuel Pumps
- Commercial 2: Retail Space (exact size uncertain at this time, 6,000 square feet assumed)



## 2 Existing Conditions

An inventory of existing conditions was completed for the study area. The inventory includes traffic control measures, intersection geometry, and peak hour traffic volumes.

### Typical Sections and Intersection Spacing

The roadway typical sections and intersection spacing for the study area are shown graphically on the following page in Figure 3A.

### Traffic Control and Intersection Geometry

The traffic control and intersection geometry for the study intersections are shown graphically on Page 5 in Figure 3B.

### Traffic Volumes

Turning Movement Counts (TMC's) were conducted at the four existing study intersections on Wednesday, March 2, and Thursday, April 14, 2022. Data was recorded for a total of six hours during the AM peak period and End of School/PM peak period from 6:30 to 8:30 AM and from 2:30 to 6:30 PM. The existing traffic volumes are shown on Page 6 in Figure 4. Traffic data reports are provided in Appendix B.

Figure 3A: Existing Conditions - Typical Sections and Intersection Spacing

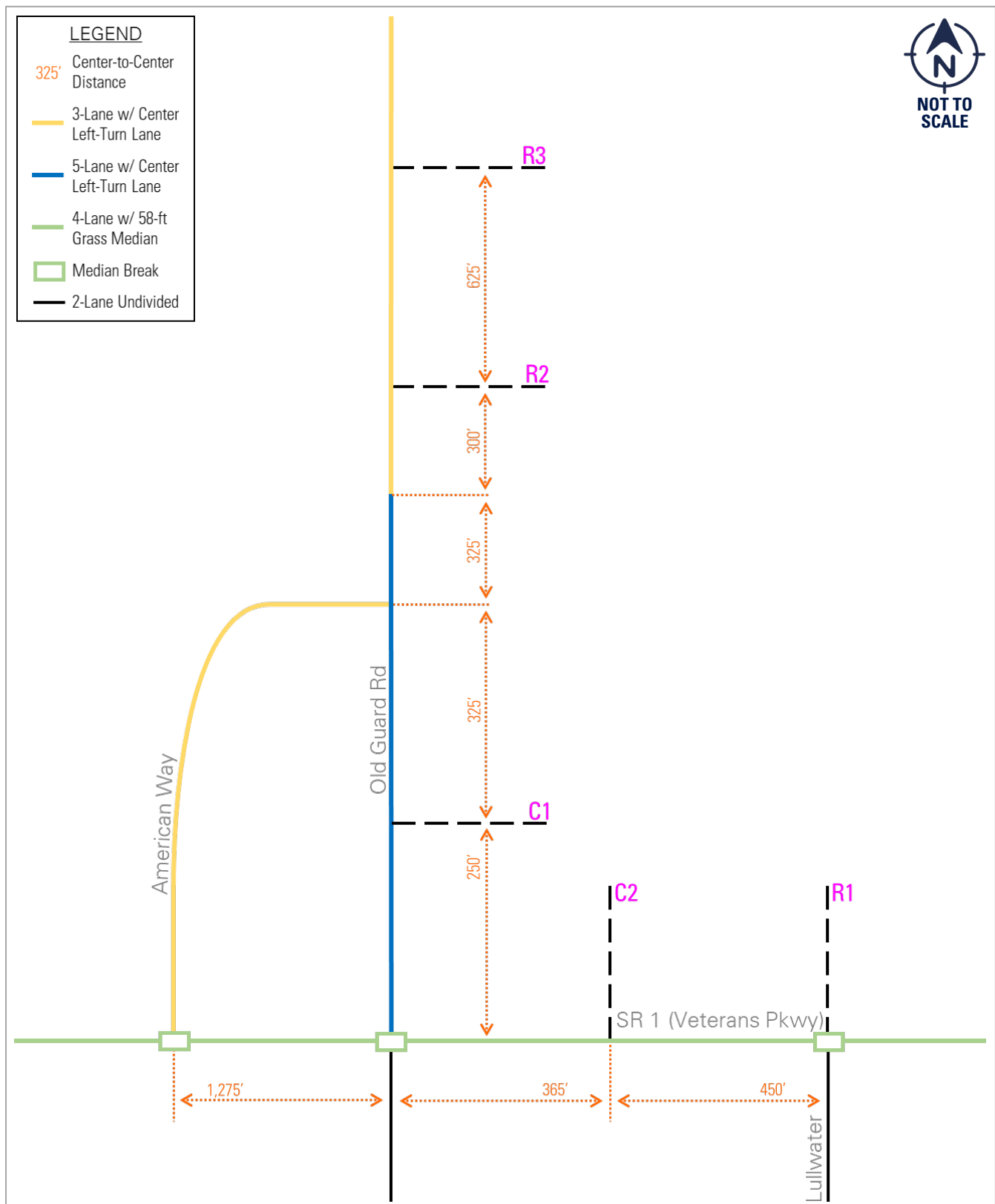


Figure 3B: Existing Conditions - Traffic Control and Intersection Geometry

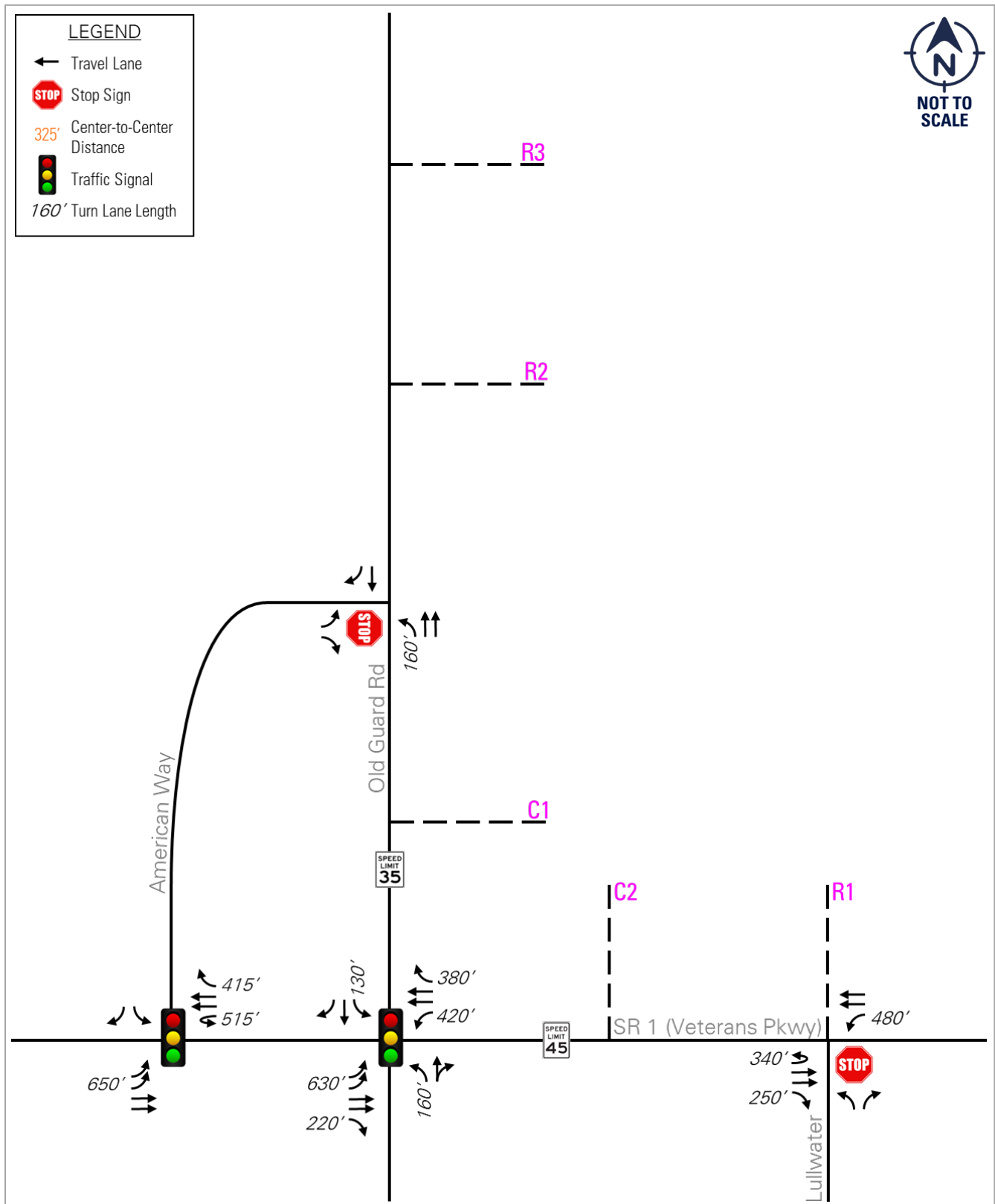
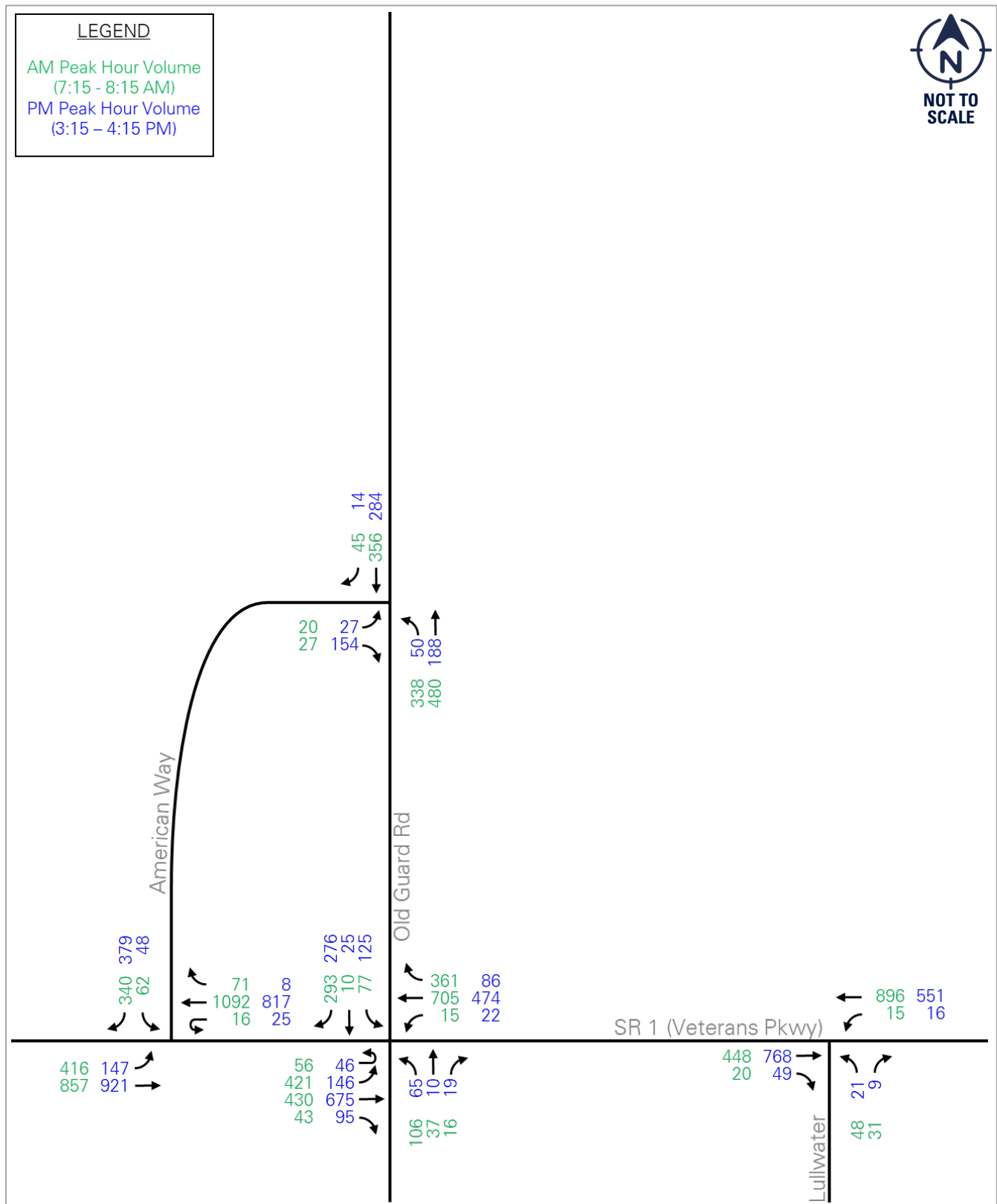




Figure 4: Existing Traffic Volumes

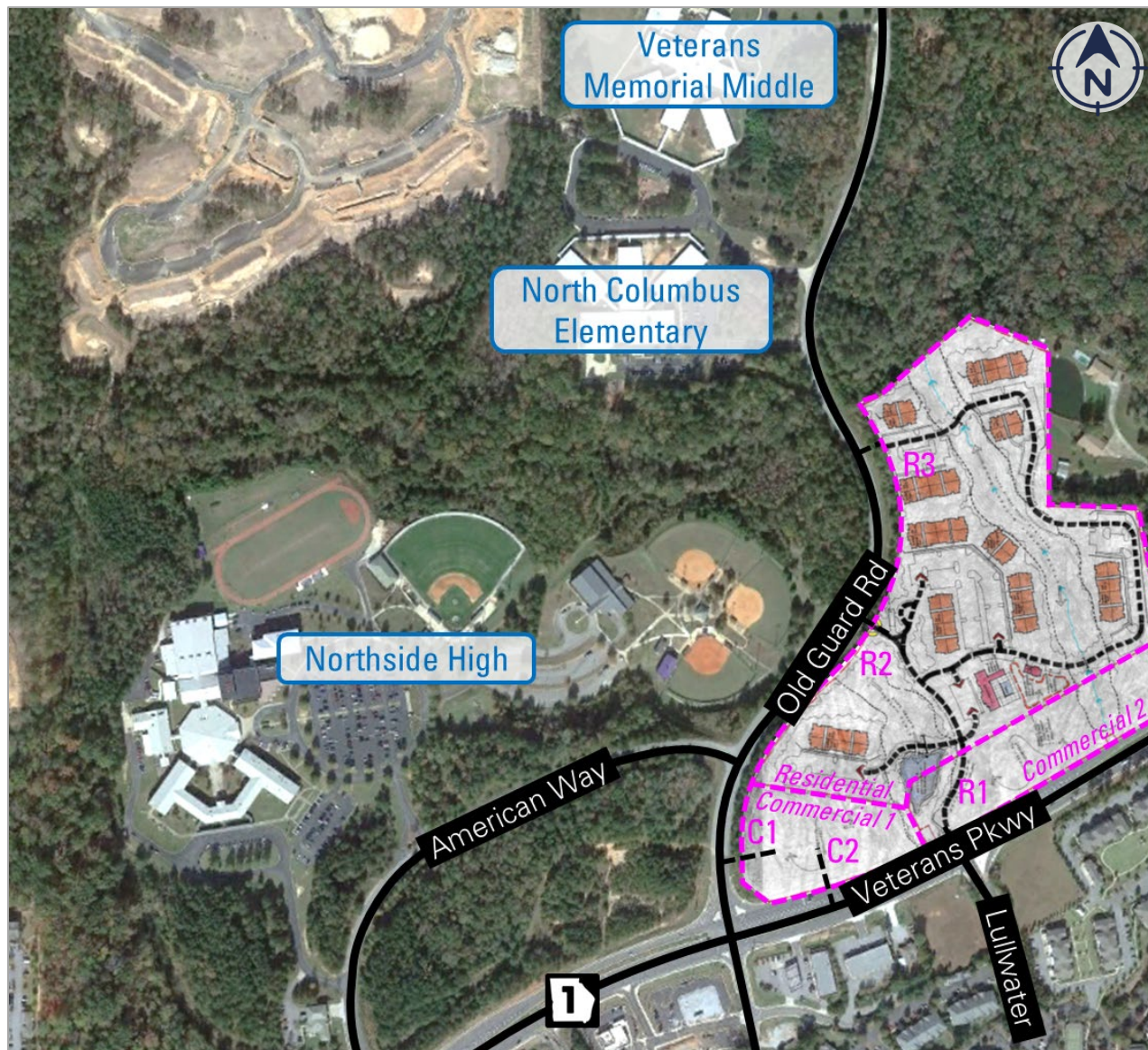


## Field Observations

A site visit was completed by Maldino and Wilburn staff during the peak periods, during which the below observations were made. The schools within the study area are shown below in Figure 5.

- The drop-off and pick-up schedules of the three schools are staggered such that drop-off and pick-up traffic for any school does not overlap with that of any other school.
- During drop-off and pick-up periods for the elementary and middle school, traffic queues along Old Guard Road extend to the intersection of Old Guard Road and American Way.
- At the intersections on Veterans Parkway at American Way and at Old Guard Road, queues for the southbound movements, which serve the traffic exiting from the schools, appear to completely clear with every cycle of the traffic signals.

Figure 5: Schools in Study Area



### 3 Projected Conditions

Projected conditions, which represent the study area after the proposed development is complete and fully occupied, were developed through the traditional three-step process of trip generation, trip distribution, and traffic assignment.

#### Trip Generation

The number of trips to be generated by the proposed development was estimated based on trip rates from the Institute of Transportation Engineers (ITE) publication *Trip Generation*, 10<sup>th</sup> Edition. Since there will not be any interconnectivity between Commercial 1 and the other two portions, Commercial 1 was treated as a separate development throughout the traffic projection process. The estimated trip generation is summarized below in Table 1A for Residential and Commercial 2 and in Table 1B for Commercial 1. The trip generation reports are provided in Appendix C.

Table 1A: Trip Generation Summary, Residential and Commercial 2

Land Use Code	Land Use	Size	Daily			AM Peak Hour			PM Peak Hour		
			Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
221	Multifamily Housing (Mid-Rise)	196 Units	533	533	1066	18	53	71	52	34	86
820	Shopping Center	6 ksf	114	113	227	4	2	6	11	12	23
Subtotal						22	55	77	63	46	109
Less Internal Capture Trips, Residential						0	1	1	3	1	4
Less Internal Capture Trips, Commercial 2						1	0	1	1	3	4
Less Pass-By Trips, Commercial 2						0	0	0	3	3	6
Total Trips Added to Roadway Network						21	54	75	56	39	95

Table 1B: Trip Generation Summary, Commercial 1

Land Use Code	Land Use	Size	Daily			AM Peak Hour			PM Peak Hour		
			Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
930	Fast Casual Restaurant	4 ksf	631	630	1261	5	3	8	31	26	57
945	Gasoline/Service Station With Convenience Market	20 Fueling Positions	2054	2053	4107	127	122	249	143	137	280
Subtotal						132	125	257	174	163	337
Less Pass-By Trips						77	77	154	78	78	156
Total Trips Added to Roadway Network						55	48	103	96	85	181

New trips are trips which are added to the existing traffic on the roadway network. Internal capture trips are trips which are completed by the same vehicle accessing multiple land uses within one development. Pass-by trips are secondary trips which are drawn from the existing traffic stream and continue in the direction they were originally heading after the secondary trip is complete.

## Trip Distribution

Two distributions were developed by which to assign trips to the roadway network: one for the residential portion, Residential 1, and one for the commercial portions, Commercial 1 and Commercial 2. The distribution for the residential portion was developed based on the distribution of existing traffic exiting the study area during the AM peak hour, while the distribution for the commercial portions was developed based on the distribution of existing traffic entering the study area during the AM peak hour. Both distributions are shown below in Figure 6. The resulting distribution of new trips to the roadway network is listed on the following page in Table 2.

Figure 6: Trip Distribution

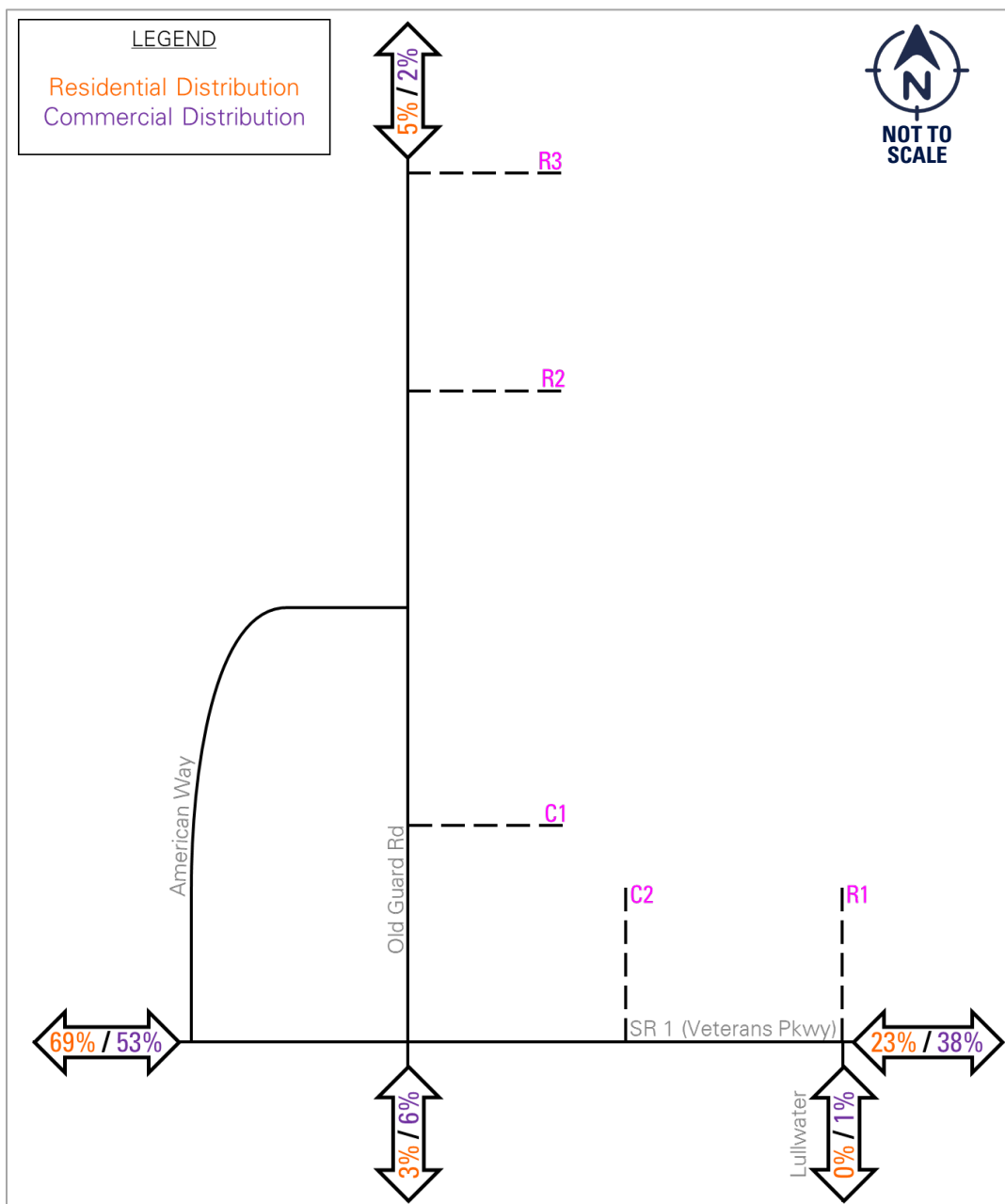


Table 2: Distribution of New Trips to Roadway Network

Direction To/From		AM Peak Hour			PM Peak Hour		
		Enter	Exit	Total	Enter	Exit	Total
Residential	West on Veterans Pkwy	12	36	48	34	23	57
	East on Veterans Pkwy	4	12	16	11	8	19
	South on Old Guard Rd	1	1	2	2	0	2
	North on Old Guard Rd	1	3	4	2	2	4
	South on Lullwater	0	0	0	0	0	0
Total New Trips, Residential		18	52	70	49	33	82
Commercial 2	West on Veterans Pkwy	2	1	3	4	3	7
	East on Veterans Pkwy	1	1	2	3	2	5
	South on Old Guard Rd	0	0	0	0	1	1
	North on Old Guard Rd	0	0	0	0	0	0
	South on Lullwater	0	0	0	0	0	0
Total New Trips, Commercial 2		3	2	5	7	6	13
Commercial 1	West on Veterans Pkwy	29	25	54	51	45	96
	East on Veterans Pkwy	21	18	39	36	32	68
	South on Old Guard Rd	3	3	6	6	5	11
	North on Old Guard Rd	1	1	2	2	2	4
	South on Lullwater	1	1	2	1	1	2
Total New Trips, Commercial 1		55	48	103	96	85	181

In addition to the distribution percentages, assumptions were made regarding driveway utilization based on the origin and destination of trips. These assumptions are as listed below in Table 3.

Table 3: Driveway Utilization Percentages

Of New Trips To/From		% Will Enter Via			% Will Exit Via		
		R1	R2	R3	R1	R2	R3
Residential	West on Veterans Pkwy	50%	50%	0%	50%	50%	0%
	East on Veterans Pkwy	100%	0%	0%	100%	0%	0%
	South on Old Guard Rd	50%	50%	0%	50%	50%	0%
	North on Old Guard Rd	0%	100%	0%	0%	100%	0%
	South on Lullwater	100%	0%	0%	100%	0%	0%
Commercial 2	West on Veterans Pkwy	100%	0%	0%	100%	0%	0%
	East on Veterans Pkwy	100%	0%	0%	100%	0%	0%
	South on Old Guard Rd	100%	0%	0%	100%	0%	0%
	North on Old Guard Rd	100%	0%	0%	100%	0%	0%
	South on Lullwater	100%	0%	0%	100%	0%	0%
		C1	C2		C1	C2	
Commercial 1	West on Veterans Pkwy	100%	0%		50%	50%	
	East on Veterans Pkwy	0%	100%		100%	0%	
	South on Old Guard Rd	100%	0%		100%	0%	
	North on Old Guard Rd	100%	0%		100%	0%	
	South on Lullwater	0%	100%		100%	0%	

## Traffic Assignment

The total assignment of Residential and Commercial 2 new trips, Commercial 2 pass-by trips, Commercial 1 new trips, and Commercial 1 pass-by trips, based on the distribution discussed in the previous pages, is shown on the following pages in Figures 7A-7D, respectively.



Figure 7A: Traffic Assignment – Residential & Commercial 2 New Trips

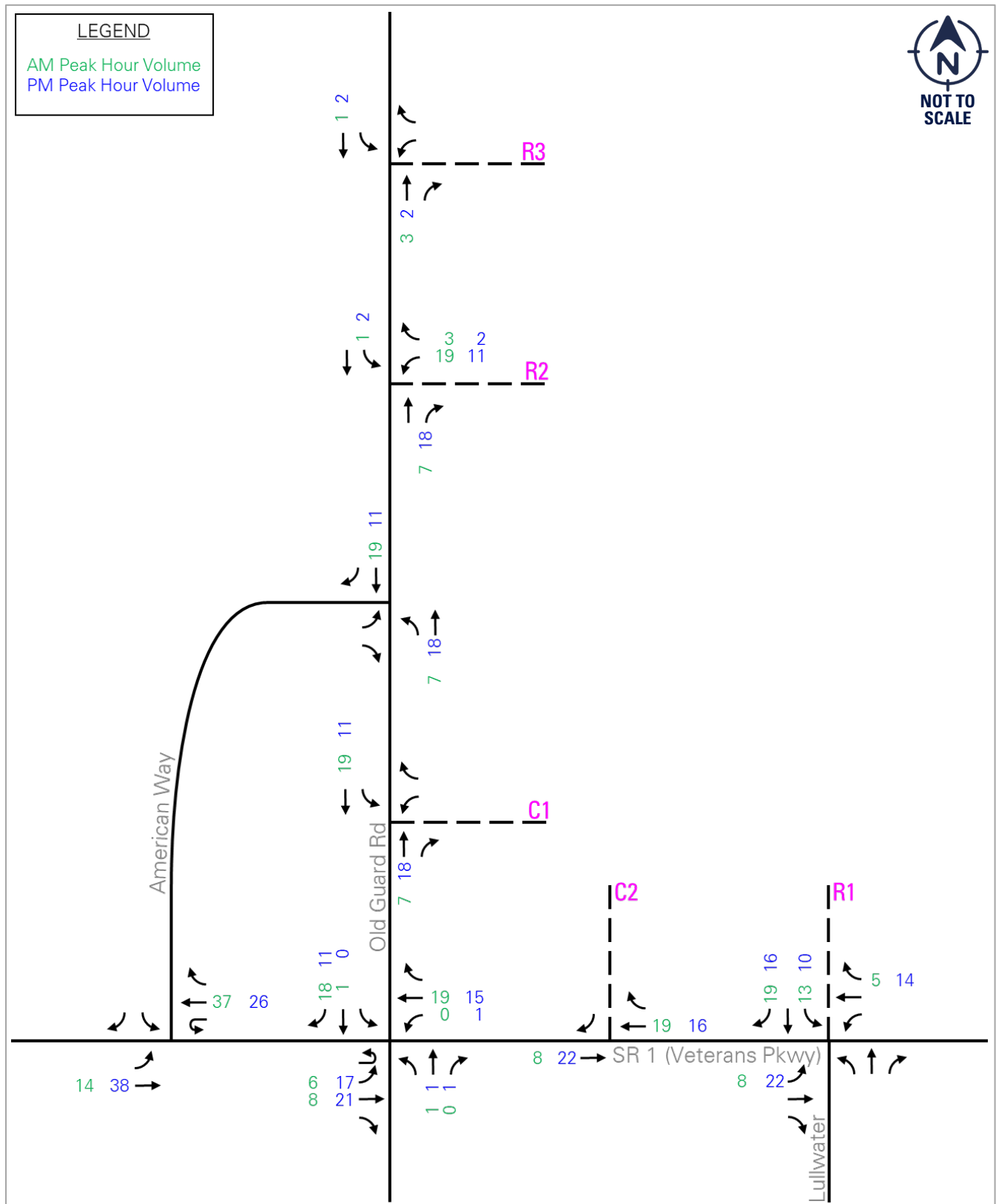




Figure 7B: Traffic Assignment – Commercial 2 Pass-By Trips

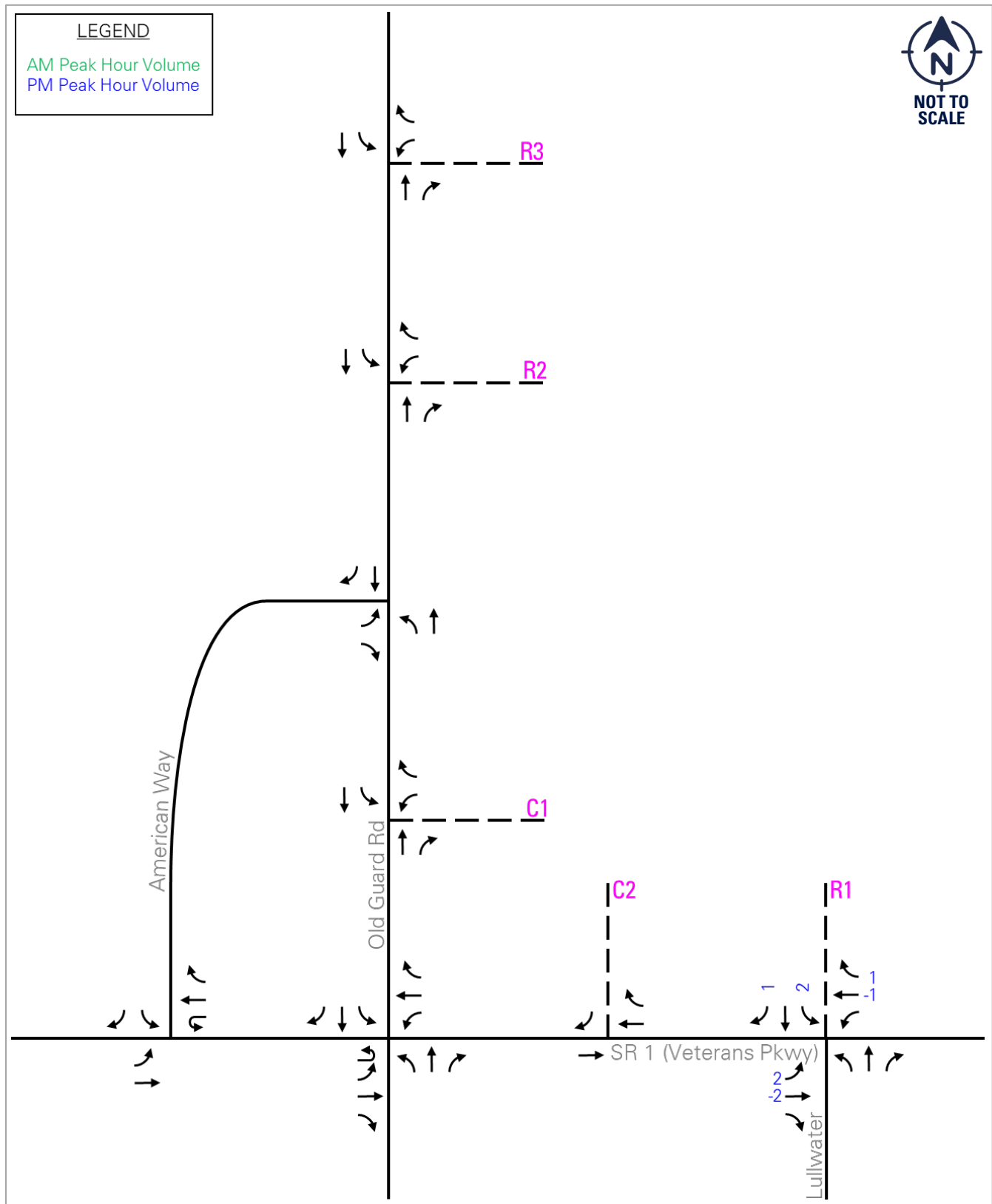
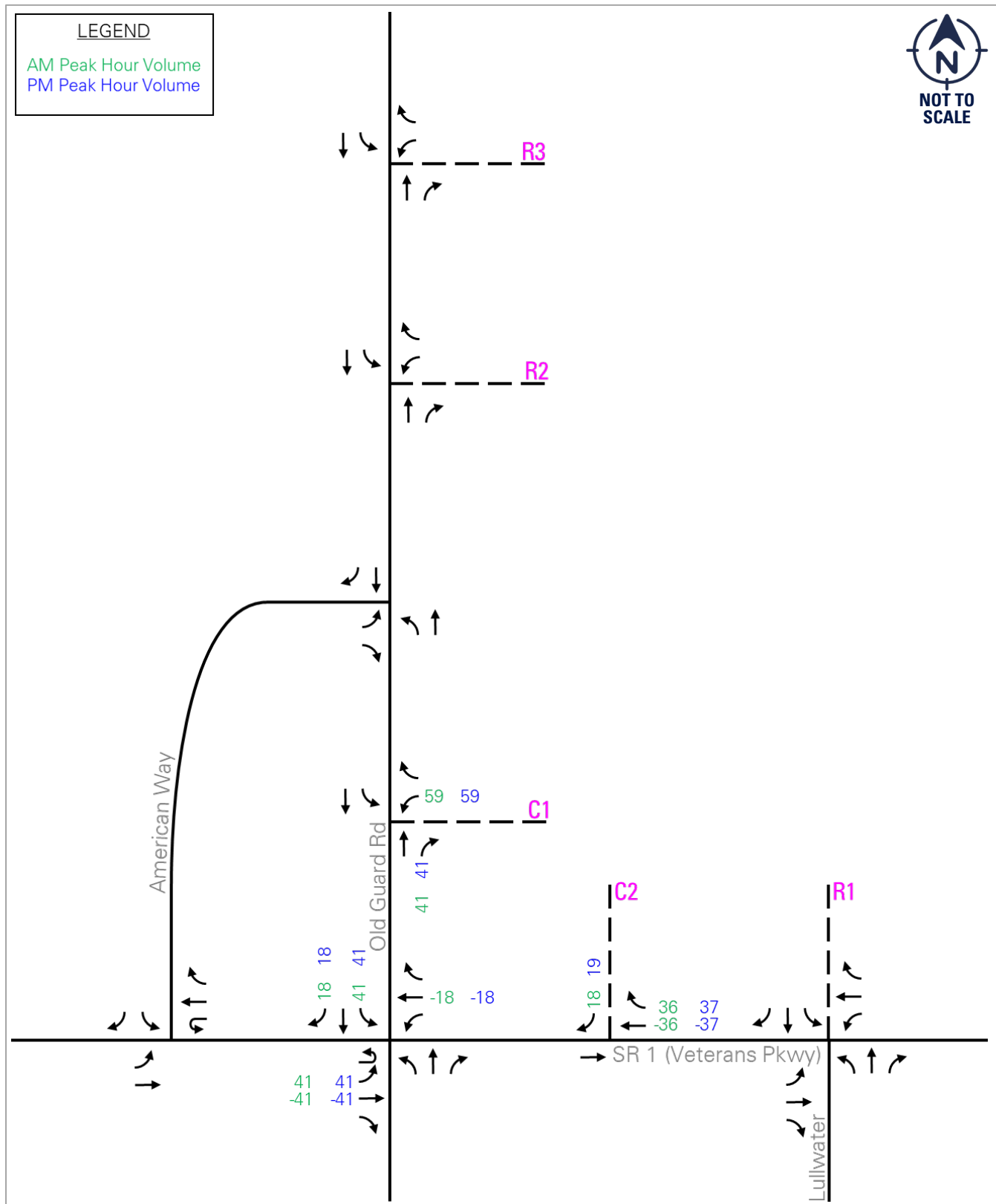




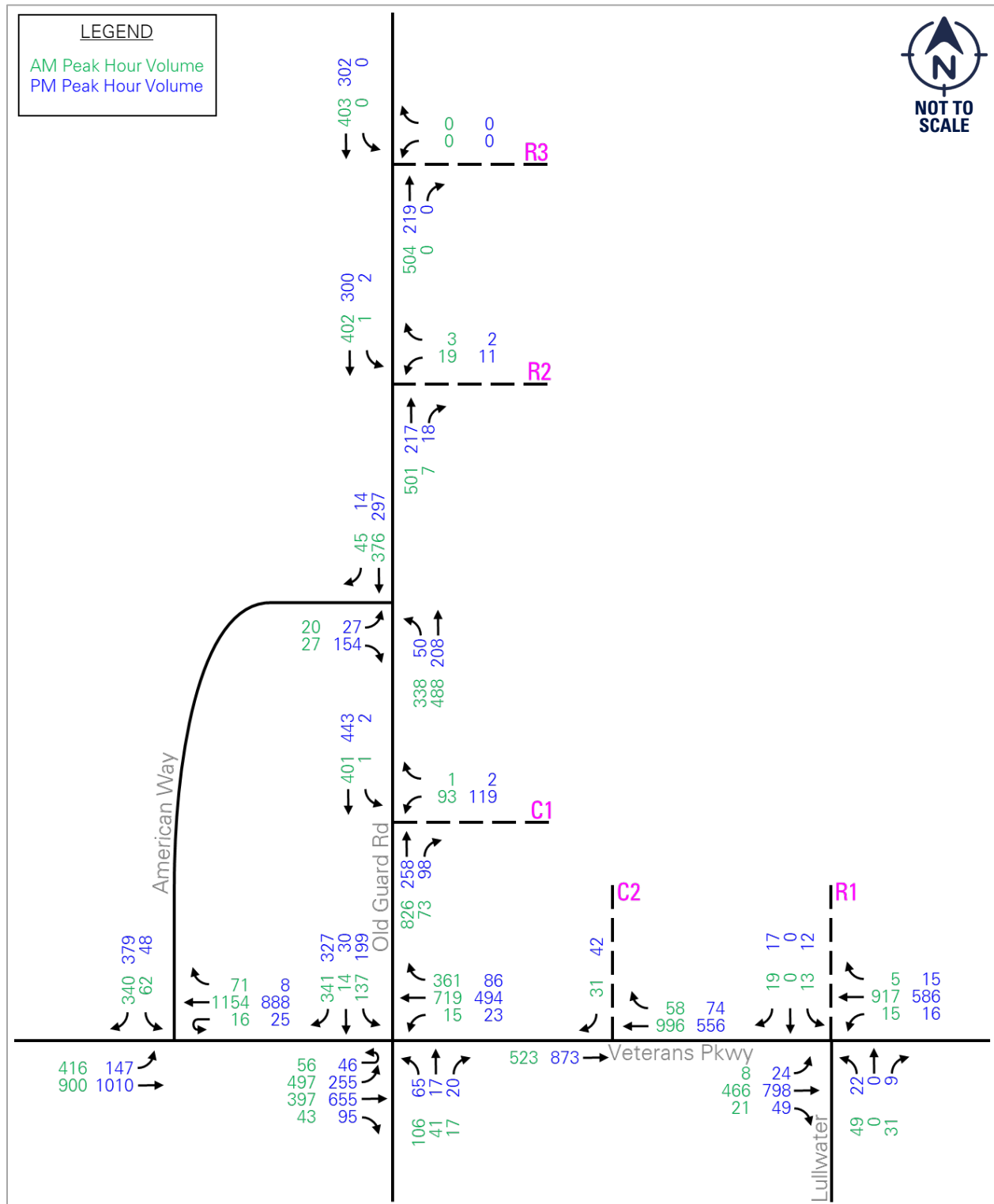
Figure 7D: Traffic Assignment – Commercial 1 Pass-By Trips



## Total Projected Volumes

The total projected volumes expected after the development is complete, shown below in Figure 8, were found by adding the assignments in Figures 7A-7D to the existing volumes in Figure 4.

Figure 8: Total Projected Volumes



## Auxiliary Turn Lane Requirements

The need for dedicated turn lanes on Veterans Parkway and on Old Guard Road at the new driveways was evaluated based on the speed limits, geometry, total daily volumes, and the expected daily turns onto the new driveways. Under existing conditions, left-turn lanes are present at all driveway locations, therefore left-turn lanes were excluded from this evaluation. No turn lanes were considered at R3, as this driveway will serve as an emergency access and is not expected to experience regular traffic.

Veterans Parkway is a four-lane road with a posted speed limit of 45 miles per hour. The daily volume expected on Veterans Parkway following the completion of the development, found by adding an existing daily count on Veterans Parkway, obtained from the GDOT Traffic Analysis and Data Application (TADA), to the generated daily volumes, is 18,101.

Old Guard Road has a posted speed limit of 35 miles per hour. Where it intersects C1, Old Guard Road is a five-lane road (four lanes plus a center left-turn lane), and where it intersects R2, a three-lane road (two lanes plus a center left-turn lane). No data was available for the existing daily volume on Old Guard Road. Therefore, the daily volume was estimated based on ITE data for the hourly distribution of traffic throughout the day for an elementary, middle, and high school, since this leg of Old Guard Road only serves the three schools and one existing apartment complex. At the location of C1, the estimated daily volume is roughly 5,750, and at the location of R2, roughly 4,375. The daily volume expected on Old Guard Road following the completion of the development, found by adding the estimated existing daily volumes on Old Guard Road to the generated daily volumes, is 10,909 at the location of C1 and 5,143 at the location of R2.

To estimate the daily turn volumes into the development, the distribution and driveway utilization percentages described previously were applied to the daily trips generated by the development. The resulting estimated daily turn volumes on Veterans Parkway and Old Guard Road into the development are shown on the following page in Figure 9.

These estimated daily turn volumes were compared to the turn lane requirements provided in the GDOT publication *Regulations for Driveway & Encroachment Control*. Veterans Parkway is a part of the state route system (SR 1), while Old Guard Road is under local jurisdiction. It is common for local governments to refer to GDOT guidance regarding turn lane needs within local jurisdiction.

The GDOT volume thresholds which necessitate the installation of auxiliary turn lanes are shown in Figure 10 on page 17.

Figure 9: Estimated Daily Turn Volumes into Development

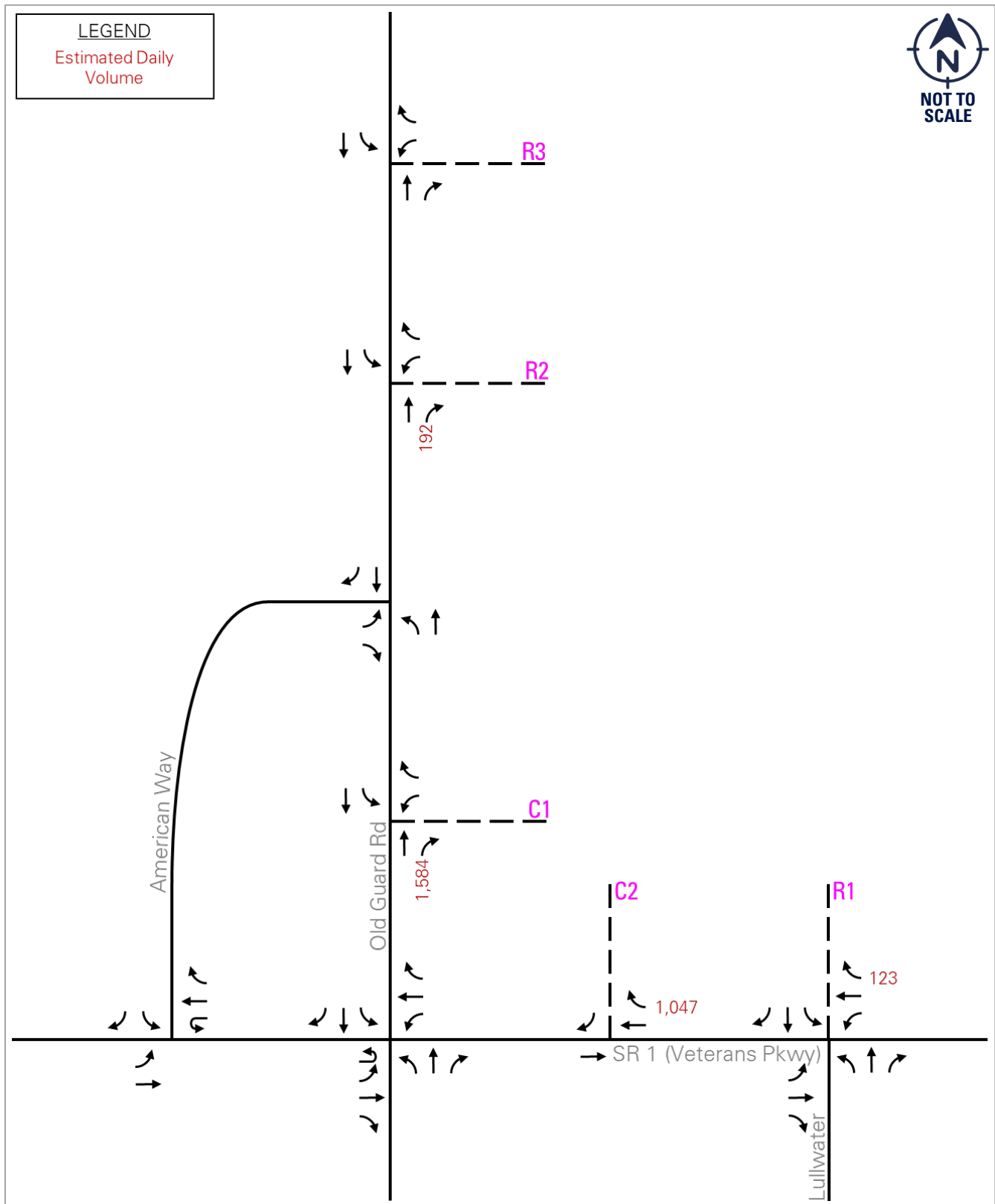




Figure 10: GDOT Turn Lane Warrant Volume Thresholds

Right-Turn Lane Volume Thresholds				
Posted Speed	2 Lane Routes		More than 2 Lanes on Main Road	
	AADT		AADT	
	< 6,000	>=6,000	<10,000	>=10,000
35 MPH or Less	200 RTV a day	100 RTV a day	200 RTV a day	100 RTV a day
40 to 50 MPH	150 RTV a day	75 RTV a day	150 RTV a day	75 RTV a day
55 to 60 MPH	100 RTV a day	50 RTV a day	100 RTV a day	50 RTV a day
>= 65 MPH	Always	Always	Always	Always

The thresholds are shown in red for Veterans Parkway, green for the five-lane section of Old Guard Road, and blue for the three-lane section of Old Guard Road.

A comparison of the projected daily turn volumes on Veterans Parkway and Old Guard Road with the volume thresholds shown above is provided below in Table 4.

Table 4: Assessment of Need for Dedicated Turn Lanes into Development

Location		Projected Volume	GDOT Threshold	GDOT Threshold Exceeded?	Minimum Storage/Taper Length
Veterans Parkway	Right Turn onto C2	1,047	75	Yes	175/100
	Right Turn onto R1	123	75	Yes	175/100
Old Guard Road	Right Turn onto C1	1,584	100	Yes	100/50
	Right Turn onto R2	192	200	No	

## 4 Capacity Analysis

Capacity analysis was conducted using *Synchro 10* software by Trafficware. The results of capacity analysis are reported in terms of Level of Service (LOS), which is a function of average delay per vehicle, in seconds. The Level of Service Scales according to the *Highway Capacity Manual* (HCM) are shown below in Table 5. LOS 'E' is generally considered to be the limit of acceptable operations. While the LOS scale is similar to the grading scale used in school, it is different in that LOS 'D' is generally considered good operation.

Table 5: HCM Level of Service Scales

LEVEL OF SERVICE	AVERAGE DELAY PER VEHICLE (SECONDS)	
	STOP CONTROL	SIGNAL CONTROL
A	≤10.0	≤10.0
B	10.1 to 15.0	10.1 to 20.0
C	15.1 to 25.0	20.1 to 35.0
D	25.1 to 35.0	35.1 to 55.0
E	35.1 to 50.0	55.1 to 80.0
F	>50.0	>80.0

Capacity analysis was conducted for existing and projected conditions. For projected conditions, all new driveways were evaluated under side-street stop control and with one shared lane exiting the development, since driveway configurations were not specified on the site concepts. Regarding turn lanes into the development, the driveway intersections were evaluated with the dedicated turn lanes which are already present or which were estimated to be required based on the thresholds shown on the previous page.

The results of capacity analysis for existing and projected conditions are provided on the following page in Table 6. Results are only provided for movements which are expected to experience delay. Capacity analysis reports are provided in Appendix D for existing conditions and Appendix E for projected conditions.

Table 6: Capacity Analysis Results

	Intersection	Movement	AM Peak Hour		PM Peak Hour	
			Existing	Projected	Existing	Projected
1	Veterans Pkwy & Old Guard Rd	Average of All	B (17.2)	B (19.2)	B (10.9)	B (13.7)
2	Old Guard Rd & American Way	EB Left onto Old Guard Rd	E (45.4)	E (47.7)	B (12.4)	B (12.6)
		EB Right onto Old Guard Rd	B (10.4)	B (10.5)	B (10.5)	B (10.6)
		NB Left onto American Way	B (12.2)	B (12.5)	A (8.1)	A (8.2)
3	Veterans Pkwy & American Way	Average of All	B (17.1)	B (17.7)	B (14.3)	B (14.9)
4	Veterans Pkwy & Lullwater/R1	WB Left into Lullwater	A (8.5)	A (8.6)	A (9.8)	A (10.0)
		NB Left out of Lullwater	D (27.2)	E (41.3)	D (27.8)	E (44.5)
		NB Right out of Lullwater	B (10.2)	B (10.3)	B (11.6)	B (11.8)
		EB Left into R1	-	B (10.5)	-	A (8.9)
		SB Left out of R1	-	D (28.7)	-	C (20.6)
		SB Right out of R1	-	D (28.7)	-	C (20.6)
5	Veterans Pkwy & C2	SB Right onto Veterans Pkwy	-	B (13.5)	-	B (10.5)
6	Old Guard Rd & C1	WB Left onto Old Guard Rd	-	F (52.7)	-	B (14.0)
		WB Right onto Old Guard Rd	-	F (52.7)	-	B (14.0)
		SB Left into C1	-	B (11.8)	-	A (8.2)
7	Old Guard Rd & R2	WB Left onto Old Guard Rd	-	C (17.4)	-	B (11.6)
		WB Right onto Old Guard Rd	-	C (17.4)	-	B (11.6)
		SB Left into R2	-	A (9.1)	-	A (7.8)

Capacity analysis results indicate that under existing conditions, both signalized intersections on Veterans Parkway operate at LOS 'B' and all movements at the unsignalized intersections operate at LOS 'D' or better, with the exception of the left-turn movement from American Way onto Old Guard Road (Intersection 2).

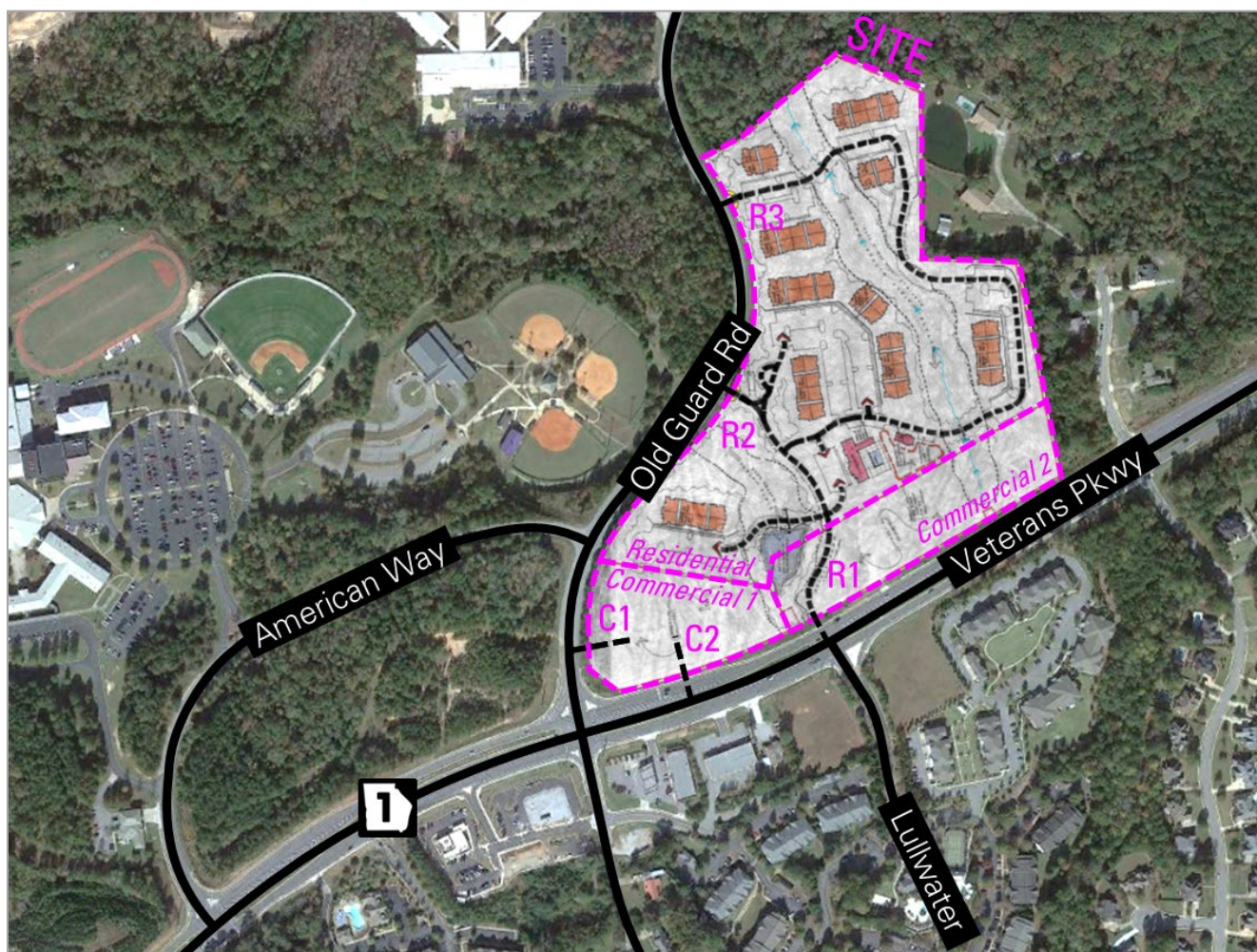
Under projected conditions, both signalized intersections are expected to continue to operate at LOS 'B'. All movements at the existing unsignalized intersections are expected to remain at their existing levels of service, with the exception of the left turn out of Lullwater onto Veterans Parkway (Intersection 4), which is expected to degrade to LOS 'E'.

All new driveways are expected to operate at LOS 'D' or better, with the exception of the C1 driveway. C1 is expected to operate at LOS 'F' during the AM peak hour, however it is expected to operate well at all other hours of the day outside of the morning school drop-off period.

## 5 Summary

A summary of the study of the traffic-related impact of the proposed development on the northeast corner of Veterans Parkway and Old Guard Road is as follows:

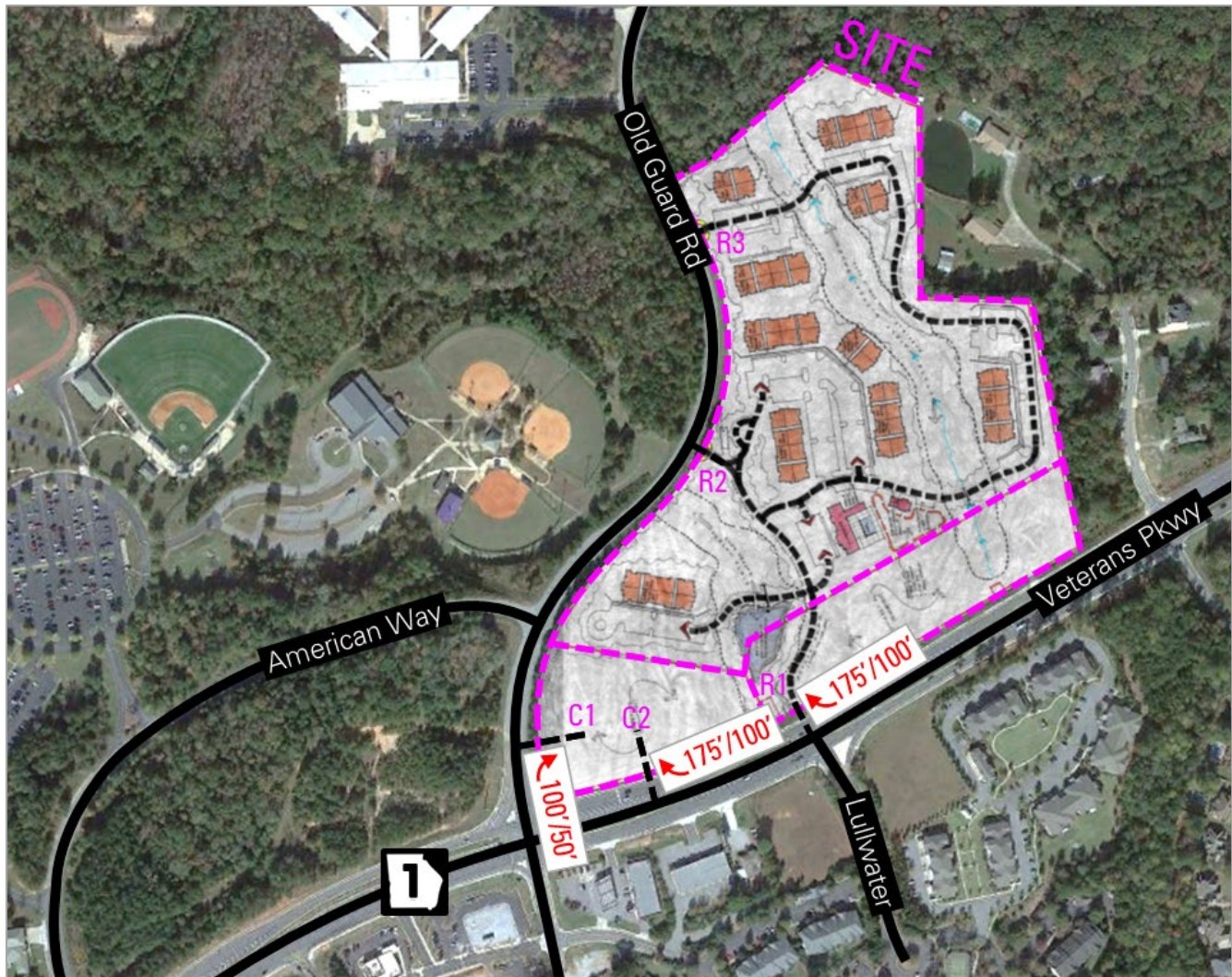
- The development (see image below) was divided into three portions: Residential, Commercial 1, and Commercial 2. There will be interconnectivity between Residential and Commercial 2. Commercial 1 will not share any interconnectivity with the other two portions.



- Each portion of the development is expected to generate traffic as follows:
  - Residential – 1,066 daily trips, 71 (18 entering, 53 exiting) during AM Peak Hour, 86 (52 entering, 34 exiting) during PM Peak Hour
  - Commercial 1 – 5,368 daily trips, 257 (132 entering, 125 exiting) during the AM Peak Hour, 337 (174 entering, 163 exiting) during the PM Peak Hour
  - Commercial 2 – 227 daily trips, 6 (4 entering, 2 exiting) during AM Peak Hour, 23 (11 entering, 12 exiting) during PM Peak Hour



- GDOT thresholds are met for installation of right-turn lanes at the locations indicated in the below figure. At each location, the minimum full-width storage length is provided, followed by the minimum taper length.



- Under existing conditions, all intersections operate at LOS 'D' or better, except Old Guard Road at American Way, which experiences LOS 'E' during the AM peak hour.
- Under projected conditions, all intersections will remain at their existing levels of service, except the left turn out of Lullwater, which will degrade from LOS 'D' to LOS 'E' during both peak hours.
- All new driveways are expected to operate at LOS 'D' or better, except C1. C1 is expected to operate at LOS 'F' during the AM peak hour, however it is expected to operate well at all other hours of the day outside of the morning school drop-off period.

# Appendices

Site Plan ..... A

Traffic Data Reports ..... B

Trip Generation Reports ..... C

Capacity Analysis Reports – Existing Conditions ..... D

Capacity Analysis Reports – Projected Conditions ..... E



## Appendix A: Site Plan







## Appendix B: Traffic Data Reports





ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #1 OLD GUARD RD & VETERANS PKWY AM

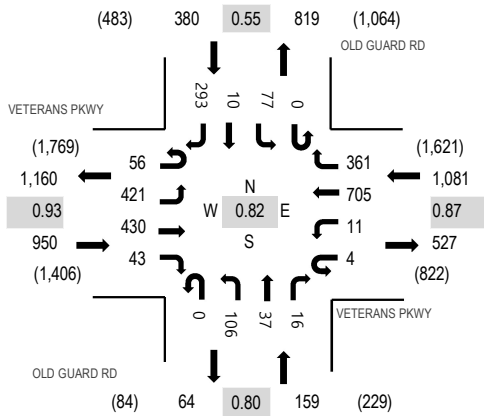
Date: Wednesday, March 2, 2022

Peak Hour: 07:15 AM - 08:15 AM

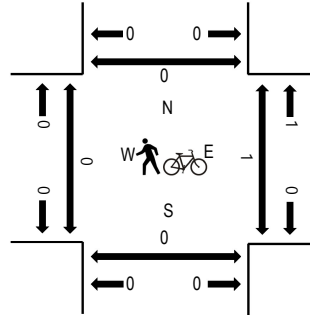
Peak 15-Minutes: 07:30 AM - 07:45 AM

Item #3.

### Peak Hour - Motorized Vehicles



### Peak Hour - Pedestrians/Bicycles in Crosswalk



Note: Total study counts contained in parentheses.

### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				OLD GUARD RD Northbound				OLD GUARD RD Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
6:30 AM	5	2	42	0	0	0	73	2	0	12	0	3	0	0	0	0	139	1,371	0	0	0	0
6:45 AM	9	22	61	3	0	2	91	18	0	11	0	4	0	0	0	0	221	2,015	0	0	0	0
7:00 AM	6	47	75	3	0	1	122	45	0	14	2	1	0	2	0	12	330	2,450	0	0	0	0
7:15 AM	11	133	85	8	1	3	169	93	0	33	11	6	0	18	2	108	681	2,570	0	1	0	0
7:30 AM	10	138	101	7	1	3	195	113	0	26	12	5	0	33	1	138	783	2,368	0	0	0	0
7:45 AM	23	94	125	12	2	4	185	118	0	26	13	3	0	11	3	37	656		0	0	0	0
8:00 AM	12	56	119	16	0	1	156	37	0	21	1	2	0	15	4	10	450		0	0	0	0
8:15 AM	8	75	89	9	3	1	153	29	0	16	3	4	0	11	1	77	479		0	0	0	0

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	4
Lights	56	418	408	39	4	11	698	360	0	105	37	14	0	77	10	291	2,528
Mediums	0	3	19	4	0	0	6	1	0	1	0	2	0	0	0	2	38
Total	56	421	430	43	4	11	705	361	0	106	37	16	0	77	10	293	2,570



ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #2 OLD GUARD RD & AMERICAN WAY AM

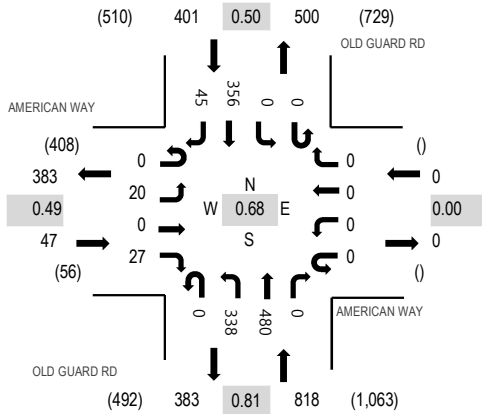
Date: Wednesday, March 2, 2022

Peak Hour: 07:15 AM - 08:15 AM

Peak 15-Minutes: 07:30 AM - 07:45 AM

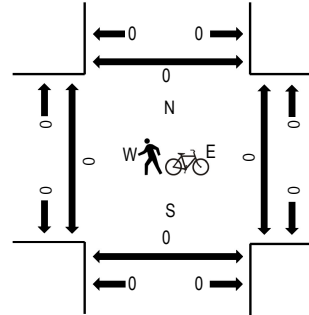
Item #3.

### Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

### Peak Hour - Pedestrians/Bicycles in Crosswalk



### Traffic Counts - Motorized Vehicles

Interval Start Time	AMERICAN WAY Eastbound				AMERICAN WAY Westbound				OLD GUARD RD Northbound				OLD GUARD RD Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
6:30 AM	0	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4	542	0	0	0	0
6:45 AM	0	1	0	0	0	0	0	0	0	3	36	0	0	0	0	0	40	1,001	0	0	0	0
7:00 AM	0	3	0	3	0	0	0	0	0	15	81	0	0	0	12	1	115	1,246	0	0	0	0
7:15 AM	0	0	0	2	0	0	0	0	0	31	202	0	0	0	138	10	383	1,266	0	0	0	0
7:30 AM	0	4	0	4	0	0	0	0	0	78	176	0	0	0	176	25	463	1,087	0	0	0	0
7:45 AM	0	5	0	8	0	0	0	0	0	197	36	0	0	0	31	8	285		0	0	0	0
8:00 AM	0	11	0	13	0	0	0	0	0	32	66	0	0	0	11	2	135		0	0	0	0
8:15 AM	0	2	0	0	0	0	0	0	0	2	104	0	0	0	94	2	204		0	0	0	0

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	19	0	27	0	0	0	0	0	338	476	0	0	0	354	45	1,259
Mediums	0	1	0	0	0	0	0	0	0	0	4	0	0	0	2	0	7
Total	0	20	0	27	0	0	0	0	0	338	480	0	0	0	356	45	1,266





ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #3 AMERICAN WAY & VETERANS PKWY AM

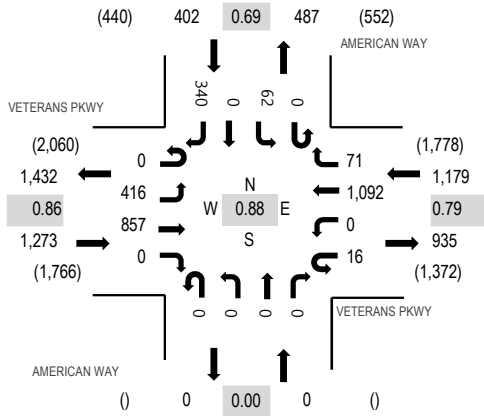
Date: Wednesday, March 2, 2022

Peak Hour: 07:15 AM - 08:15 AM

Peak 15-Minutes: 07:30 AM - 07:45 AM

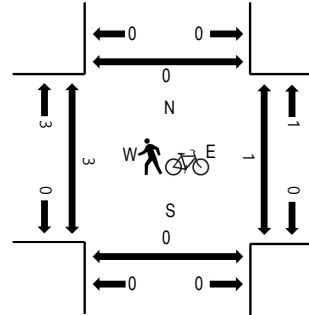
Item #3.

### Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

### Peak Hour - Pedestrians/Bicycles in Crosswalk



### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				AMERICAN WAY Northbound				AMERICAN WAY Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
6:30 AM	0	2	44	0	0	0	90	0	0	0	0	0	0	0	0	0	136	1,328	0	0	0	0
6:45 AM	0	15	80	0	0	0	106	2	0	0	0	0	0	0	0	0	210	1,999	0	0	0	0
7:00 AM	0	23	130	0	1	0	151	2	0	0	0	0	0	1	0	0	320	2,585	0	0	0	0
7:15 AM	0	82	224	0	6	0	300	13	0	0	0	0	0	4	0	0	662	2,854	0	0	0	0
7:30 AM	0	126	225	0	7	0	360	5	0	0	0	0	0	10	0	0	807	2,656	0	0	0	0
7:45 AM	0	135	237	0	3	0	249	36	0	0	0	0	0	22	0	114	796		2	1	0	0
8:00 AM	0	73	171	0	0	0	183	17	0	0	0	0	0	26	0	119	589		1	0	0	0
8:15 AM	0	20	179	0	1	0	245	1	0	0	0	0	0	1	0	17	464		0	0	0	0

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	5	0	0	0	1	0	0	0	0	0	0	0	0	0	6
Lights	0	404	836	0	16	0	1,087	68	0	0	0	0	0	57	0	329	2,797
Mediums	0	12	16	0	0	0	4	3	0	0	0	0	0	5	0	11	51
Total	0	416	857	0	16	0	1,092	71	0	0	0	0	0	62	0	340	2,854



ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #4 LULLWATER & VETERANS PKWY AM

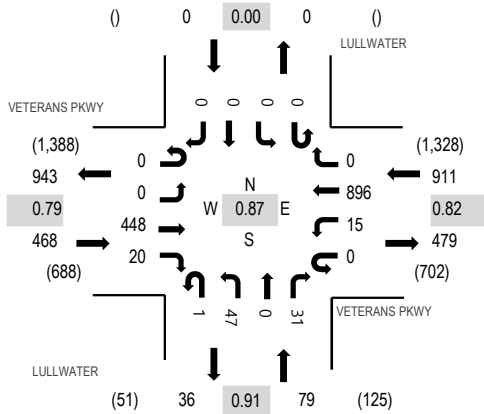
Date: Thursday, April 14, 2022

Peak Hour: 07:15 AM - 08:15 AM

Peak 15-Minutes: 07:30 AM - 07:45 AM

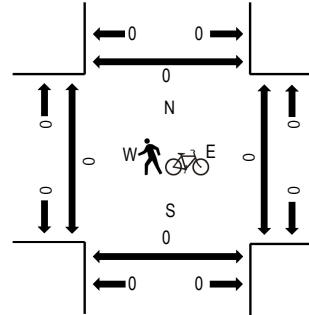
Item #3.

### Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

### Peak Hour - Pedestrians/Bicycles in Crosswalk



### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				LULLWATER Northbound				LULLWATER Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
6:30 AM	0	0	29	0	0	0	51	0	0	8	0	3	0	0	0	0	91	767	0	0	0	0
6:45 AM	0	0	41	3	0	1	81	0	0	6	0	1	0	0	0	0	133	1,097	0	0	0	0
7:00 AM	0	0	51	2	0	1	127	0	0	15	0	6	0	0	0	0	202	1,350	0	0	0	0
7:15 AM	0	0	84	3	0	5	231	0	0	7	0	11	0	0	0	0	341	1,458	0	0	0	0
7:30 AM	0	0	115	3	0	4	275	0	1	14	0	9	0	0	0	0	421	1,374	0	0	0	0
7:45 AM	0	0	107	6	0	5	244	0	0	15	0	9	0	0	0	0	386		0	0	0	0
8:00 AM	0	0	142	8	0	1	146	0	0	11	0	2	0	0	0	0	310		0	0	0	0
8:15 AM	0	0	89	5	0	3	153	0	0	4	0	3	0	0	0	0	257		0	0	0	0

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	0	436	18	0	15	892	0	1	47	0	29	0	0	0	0	1,438
Mediums	0	0	12	2	0	0	4	0	0	0	0	2	0	0	0	0	20
Total	0	0	448	20	0	15	896	0	1	47	0	31	0	0	0	0	1,458





(303) 216-2439  
www.alltrafficdata.net

Location: #1 OLD GUARD RD & VETERANS PKWY PM

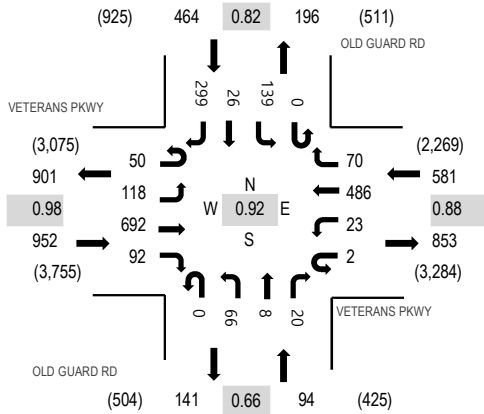
Date: Wednesday, March 2, 2022

Peak Hour: 03:30 PM - 04:30 PM

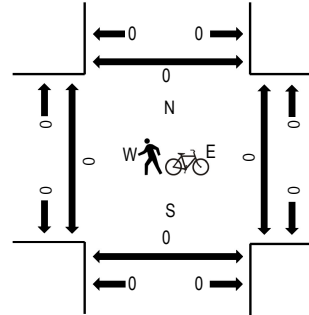
Peak 15-Minutes: 03:45 PM - 04:00 PM

Item #3.

### Peak Hour - Motorized Vehicles



### Peak Hour - Pedestrians/Bicycles in Crosswalk



Note: Total study counts contained in parentheses.

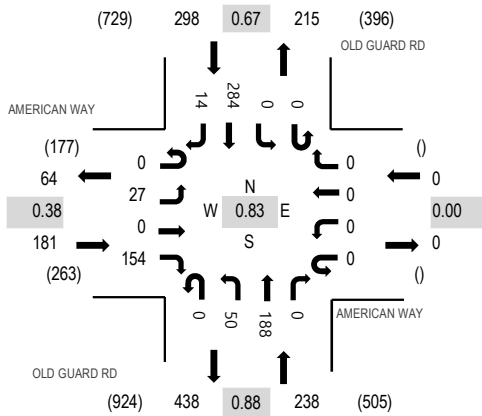
### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				OLD GUARD RD Northbound				OLD GUARD RD Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
2:30 PM	12	11	125	20	0	1	115	9	0	20	0	3	0	29	1	120	466	1,655	0	0	0	0
2:45 PM	12	19	149	17	1	3	97	15	0	18	1	5	0	17	2	24	380	1,725	0	0	0	0
3:00 PM	8	24	139	15	0	5	119	12	0	19	4	3	0	12	1	21	382	1,913	0	0	0	0
3:15 PM	4	39	172	21	0	6	103	27	0	20	4	6	0	9	1	15	427	2,064	0	0	0	0
3:30 PM	13	30	164	26	1	2	113	25	0	17	1	2	0	54	12	76	536	2,091	0	0	0	0
3:45 PM	15	42	162	29	1	9	141	20	0	13	3	3	0	38	5	87	568	1,975	0	0	0	0
4:00 PM	14	35	177	19	0	3	117	14	0	15	2	8	0	24	7	98	533	1,843	0	0	0	0
4:15 PM	8	11	189	18	0	9	115	11	0	21	2	7	0	23	2	38	454	1,756	0	0	0	0
4:30 PM	8	12	169	26	1	3	135	12	0	15	1	6	0	12	3	17	420	1,792	0	0	0	1
4:45 PM	8	16	191	31	1	3	125	8	0	20	2	6	0	7	1	17	436	1,910	0	0	0	0
5:00 PM	14	6	219	28	1	5	122	3	0	11	1	5	0	11	1	19	446	1,931	0	0	0	0
5:15 PM	16	18	207	31	1	12	136	11	0	25	3	8	0	11	0	11	490	1,887	0	0	0	0
5:30 PM	10	14	221	20	0	4	160	14	0	23	0	6	0	25	5	36	538	1,836	0	0	0	0
5:45 PM	13	8	220	24	2	3	135	4	0	20	2	3	0	9	5	9	457		0	0	0	0
6:00 PM	10	3	196	22	0	5	135	2	0	22	0	2	0	1	1	3	402		0	0	0	0
6:15 PM	16	3	206	30	0	6	121	5	0	34	2	11	0	3	1	1	439		0	0	0	0

### Peak Rolling Hour Flow Rates

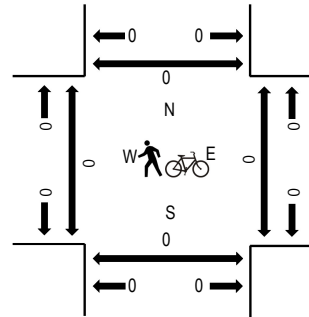
Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	6
Lights	50	111	670	90	2	23	465	68	0	64	7	20	0	134	26	291	2,021
Mediums	0	7	19	2	0	0	18	2	0	2	1	0	0	5	0	8	64
Total	50	118	692	92	2	23	486	70	0	66	8	20	0	139	26	299	2,091

### Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

### Peak Hour - Pedestrians/Bicycles in Crosswalk



## Traffic Counts - Motorized Vehicles

Interval Start Time	AMERICAN WAY				AMERICAN WAY				OLD GUARD RD				OLD GUARD RD				Total	Rolling Hour	Pedestrian Crossings			
	Eastbound				Westbound				Northbound				Southbound									
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
2:30 PM	0	2	0	4	0	0	0	0	0	6	14	0	0	0	144	8	178	440	0	0	0	0
2:45 PM	0	3	0	13	0	0	0	0	0	11	23	0	0	0	28	2	80	479	0	0	0	0
3:00 PM	0	0	0	7	0	0	0	0	0	10	31	0	0	0	27	0	75	601	0	0	0	0
3:15 PM	0	4	0	20	0	0	0	0	0	24	44	0	0	0	12	3	107	717	0	0	0	0
3:30 PM	0	12	0	108	0	0	0	0	0	13	41	0	0	0	43	0	217	690	0	0	0	0
3:45 PM	0	7	0	13	0	0	0	0	0	7	60	0	0	0	111	4	202	531	0	0	0	0
4:00 PM	0	4	0	13	0	0	0	0	0	6	43	0	0	0	118	7	191	384	0	0	0	0
4:15 PM	0	0	0	5	0	0	0	0	0	8	15	0	0	0	50	2	80	235	0	0	0	0
4:30 PM	0	0	0	8	0	0	0	0	0	13	12	0	0	0	25	0	58	210	0	0	0	0
4:45 PM	0	3	0	3	0	0	0	0	0	10	16	0	0	0	23	0	55	248	0	0	0	0
5:00 PM	0	0	0	3	0	0	0	0	0	7	3	0	0	0	27	2	42	230	0	0	0	0
5:15 PM	0	1	0	5	0	0	0	0	0	7	26	0	0	0	16	0	55	200	0	0	0	0
5:30 PM	0	1	0	15	0	0	0	0	0	7	20	0	0	0	52	1	96	157	0	0	0	0
5:45 PM	0	2	0	3	0	0	0	0	0	6	8	0	0	0	18	0	37		0	0	0	0
6:00 PM	0	0	0	2	0	0	0	0	0	5	0	0	0	0	5	0	12		0	0	0	0
6:15 PM	0	0	0	2	0	0	0	0	0	8	1	0	0	0	1	0	12		1	0	0	0

## Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lights	0	27	0	154	0	0	0	0	0	50	177	0	0	0	271	14	693
Mediums	0	0	0	0	0	0	0	0	0	0	11	0	0	0	13	0	24
Total	0	27	0	154	0	0	0	0	0	50	188	0	0	0	284	14	717



ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #3 AMERICAN WAY & VETERANS PKWY PM

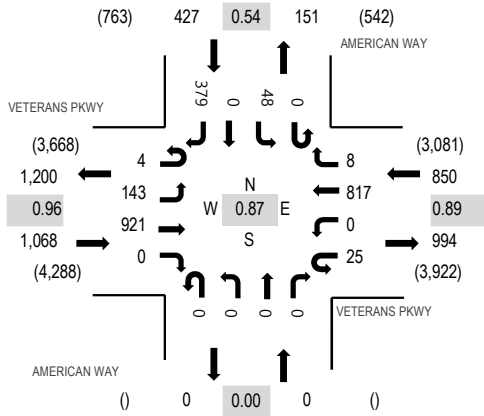
Date: Wednesday, March 2, 2022

Peak Hour: 03:15 PM - 04:15 PM

Peak 15-Minutes: 03:30 PM - 03:45 PM

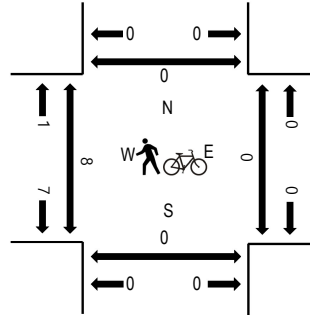
Item #3.

### Peak Hour - Motorized Vehicles



Note: Total study counts contained in parentheses.

### Peak Hour - Pedestrians/Bicycles in Crosswalk



### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				AMERICAN WAY Northbound				AMERICAN WAY Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
2:30 PM	0	12	181	0	4	0	268	1	0	0	0	0	0	1	0	25	492	1,858	0	0	0	0
2:45 PM	1	30	189	0	3	0	140	2	0	0	0	0	0	3	0	17	385	2,042	0	0	0	0
3:00 PM	0	45	189	0	1	0	173	4	0	0	0	0	0	4	0	52	468	2,268	0	0	0	0
3:15 PM	1	47	231	0	3	0	132	3	0	0	0	0	0	9	0	87	513	2,345	0	0	0	0
3:30 PM	2	46	203	0	9	0	208	2	0	0	0	0	0	25	0	181	676	2,301	7	0	0	0
3:45 PM	0	36	239	0	5	0	247	0	0	0	0	0	0	8	0	76	611	2,092	1	0	0	0
4:00 PM	1	14	248	0	8	0	230	3	0	0	0	0	0	6	0	35	545	1,974	0	0	0	0
4:15 PM	0	25	226	0	2	0	181	0	0	0	0	0	0	6	0	29	469	1,934	0	0	0	0
4:30 PM	0	33	222	0	5	0	170	1	0	0	0	0	0	3	0	33	467	1,980	1	0	0	0
4:45 PM	0	40	257	0	4	0	169	5	0	0	0	0	0	1	0	17	493	2,097	1	0	0	0
5:00 PM	0	35	288	0	3	0	159	3	0	0	0	0	0	0	0	17	505	2,060	0	0	0	0
5:15 PM	1	35	277	0	7	0	172	5	0	0	0	0	0	2	0	16	515	2,021	0	0	0	0
5:30 PM	3	25	281	0	2	0	228	4	0	0	0	0	0	1	0	40	584	1,993	0	0	0	0
5:45 PM	0	19	252	0	1	0	171	0	0	0	0	0	0	3	0	10	456		0	0	0	0
6:00 PM	4	25	251	0	5	0	171	1	0	0	0	0	0	1	0	8	466		0	0	0	0
6:15 PM	2	37	235	0	2	0	160	4	0	0	0	0	0	16	0	31	487		0	0	0	1

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	5
Lights	4	138	892	0	25	0	789	7	0	0	0	0	0	45	0	366	2,266
Mediums	0	5	27	0	0	0	25	1	0	0	0	0	0	3	0	13	74
Total	4	143	921	0	25	0	817	8	0	0	0	0	0	48	0	379	2,345





ALL TRAFFIC DATA SERVICES

(303) 216-2439

www.alltrafficdata.net

Location: #4 LULLWATER & VETERANS PKWY PM

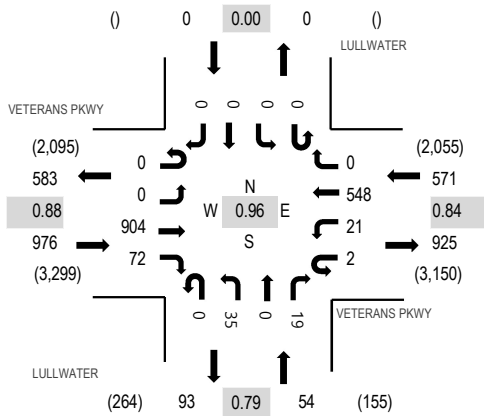
Date: Thursday, April 14, 2022

Peak Hour: 05:15 PM - 06:15 PM

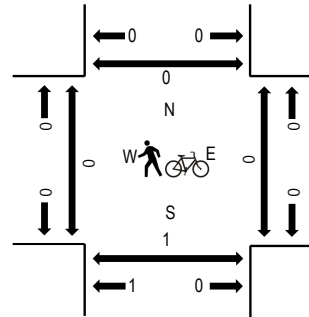
Peak 15-Minutes: 05:15 PM - 05:30 PM

Item #3.

### Peak Hour - Motorized Vehicles



### Peak Hour - Pedestrians/Bicycles in Crosswalk



Note: Total study counts contained in parentheses.

### Traffic Counts - Motorized Vehicles

Interval Start Time	VETERANS PKWY Eastbound				VETERANS PKWY Westbound				LULLWATER Northbound				LULLWATER Southbound				Total	Rolling Hour	Pedestrian Crossings			
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right			West	East	South	North
2:30 PM	0	0	144	6	0	1	111	0	0	6	0	5	0	0	0	0	273	1,125	0	0	0	0
2:45 PM	0	0	139	7	0	2	114	0	0	3	0	1	0	0	0	0	266	1,240	0	0	0	0
3:00 PM	0	0	128	10	0	3	100	0	0	10	0	2	0	0	0	0	253	1,321	0	0	0	0
3:15 PM	0	0	165	9	0	3	149	0	0	7	0	0	0	0	0	0	333	1,414	0	0	0	0
3:30 PM	0	0	227	15	0	5	131	0	0	5	0	5	0	0	0	0	388	1,430	0	0	0	0
3:45 PM	0	0	193	11	1	4	131	0	0	5	0	2	0	0	0	0	347	1,363	0	0	0	0
4:00 PM	0	0	183	14	0	3	140	0	0	4	0	2	0	0	0	0	346	1,367	0	0	0	0
4:15 PM	0	0	204	16	0	5	120	0	0	0	0	4	0	0	0	0	349	1,373	0	0	0	0
4:30 PM	1	0	178	14	0	3	118	0	0	4	0	3	0	0	0	0	321	1,443	0	0	1	0
4:45 PM	0	0	200	12	0	6	117	0	0	8	0	8	0	0	0	0	351	1,538	0	0	0	0
5:00 PM	0	0	215	10	0	2	115	0	0	8	0	2	0	0	0	0	352	1,573	0	0	0	0
5:15 PM	0	0	249	27	0	5	128	0	0	5	0	5	0	0	0	0	419	1,601	0	0	1	0
5:30 PM	0	0	220	13	2	3	165	0	0	12	0	1	0	0	0	0	416	1,511	0	0	0	0
5:45 PM	0	0	228	14	0	8	122	0	0	6	0	8	0	0	0	0	386		0	0	0	0
6:00 PM	0	0	207	18	0	5	133	0	0	12	0	5	0	0	0	0	380		0	0	0	0
6:15 PM	0	0	213	9	0	1	99	0	0	6	0	1	0	0	0	0	329		0	0	0	0

### Peak Rolling Hour Flow Rates

Vehicle Type	Eastbound				Westbound				Northbound				Southbound				Total
	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	
Articulated Trucks	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Lights	0	0	898	72	2	21	545	0	0	35	0	19	0	0	0	0	1,592
Mediums	0	0	6	0	0	0	2	0	0	0	0	0	0	0	0	0	8
Total	0	0	904	72	2	21	548	0	0	35	0	19	0	0	0	0	1,601

## Appendix C:

### Trip Generation Reports

# Trip Generation Summary

Alternative: Alternative 1  
 Phase:  
 Project: Old Guard Rd, Residential and Commercial 2

Open Date: 6/20/2022  
 Analysis Date: 6/20/2022

ITE	Land Use	Weekday Average Daily Trips				Weekday AM Peak Hour of Adjacent Street Traffic				Weekday PM Peak Hour of Adjacent Street Traffic			
		*	Enter	Exit	Total	*	Enter	Exit	Total	*	Enter	Exit	Total
221	Apartment		533	533	1066		18	53	71		52	34	86
	196 Dwelling Units												
820	Shopping Center		114	113	227		4	2	6		11	12	23
	6 1000 Sq. Ft. GLA												
	Unadjusted Volume		647	646	1293		22	55	77		63	46	109
	Internal Capture Trips		0	0	0		1	1	2		4	4	8
	Pass-By Trips		0	0	0		0	0	0		3	3	6
	Volume Added to Adjacent Streets		647	646	1293		21	54	75		56	39	95

Total Weekday Average Daily Trips Internal Capture = 0 Percent  
 Total Weekday AM Peak Hour of Adjacent Street Traffic Internal Capture = 3 Percent  
 Total Weekday PM Peak Hour of Adjacent Street Traffic Internal Capture = 7 Percent

\* - Custom rate used for selected time period.

Source: Institute of Transportation Engineers, Trip Generation Manual 10th Edition  
**TRIP GENERATION 10, TRAFFICWARE, LLC**



## Trip Generation Summary

Alternative: Alternative 1  
 Phase:  
 Project: Old Guard Rd, Commercial 1

Open Date: 6/20/2022  
 Analysis Date: 6/20/2022

ITE	Land Use	Weekday Average Daily Trips				Weekday AM Peak Hour of Adjacent Street Traffic				Weekday PM Peak Hour of Adjacent Street Traffic			
		*	Enter	Exit	Total	*	Enter	Exit	Total	*	Enter	Exit	Total
930	Attached Restaurant, No Drive-Thru 4 1000 Sq. Ft. GFA		631	630	1261		5	3	8		31	26	57
945	Gas Station & Convenience Store 20 Vehicle Fueling Positions		2054	2053	4107		127	122	249		143	137	280
	Unadjusted Volume		2685	2683	5368		132	125	257		174	163	337
	Internal Capture Trips		0	0	0		0	0	0		0	0	0
	Pass-By Trips		0	0	0		77	77	154		78	78	156
	Volume Added to Adjacent Streets		2685	2683	5368		55	48	103		96	85	181

Unadjusted Volume	2685	2683	5368	132	125	257	174	163	337
Internal Capture Trips	0	0	0	0	0	0	0	0	0
Pass-By Trips	0	0	0	77	77	154	78	78	156
Volume Added to Adjacent Streets	2685	2683	5368	55	48	103	96	85	181

Total Weekday Average Daily Trips Internal Capture = 0 Percent  
 Total Weekday AM Peak Hour of Adjacent Street Traffic Internal Capture = 0 Percent  
 Total Weekday PM Peak Hour of Adjacent Street Traffic Internal Capture = 0 Percent
























\* - Custom rate used for selected time period.

Appendix D:  
Capacity Analysis Reports  
*Existing Conditions*

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Conditions  
AM Peak Hour

Item #3.

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	56	421	430	43	15	705	361	106	37	16	77	10
Future Volume (vph)	56	421	430	43	15	705	361	106	37	16	77	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)		630		220	420		380	160		0	130	
Storage Lanes		2		1	1		1	1		0	1	
Taper Length (ft)		125			100			50			75	
Satd. Flow (prot)	0	3471	3438	1482	1805	3574	1615	1787	1743	0	1805	1900
Flt Permitted		0.950			0.458			0.750			0.715	
Satd. Flow (perm)	0	3471	3438	1482	870	3574	1615	1411	1743	0	1358	1900
Right Turn on Red				Yes			Yes			Yes		
Satd. Flow (RTOR)				52			440		20			
Link Speed (mph)			45			45			35			35
Link Distance (ft)			1844			661			500			435
Travel Time (s)			27.9			10.0			9.7			8.5
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles (%)	0%	1%	5%	9%	0%	1%	0%	1%	0%	13%	0%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	581	524	52	18	860	440	129	65	0	94	12
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	R NA	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left
Median Width(ft)			24			24			12			12
Link Offset(ft)			0			0			0			0
Crosswalk Width(ft)			16			16			16			16
Two way Left Turn Lane												Yes
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	9	15		9	15		9	15		9	15	
Turn Type	Prot	Prot	NA	Perm	Perm	NA	Perm	Perm	NA		Perm	NA
Protected Phases	1	1	6			2			4			8
Permitted Phases				6	2		2	4			8	
Total Split (s)	15.0	15.0	37.5	37.5	22.5	22.5	22.5	22.5	22.5		22.5	22.5
Total Lost Time (s)		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5		4.5	4.5
Act Effect Green (s)		10.6	32.4	32.4	17.2	17.2	17.2	10.7	10.7		10.7	10.7
Actuated g/C Ratio		0.20	0.62	0.62	0.33	0.33	0.33	0.20	0.20		0.20	0.20
v/c Ratio		0.82	0.25	0.06	0.06	0.73	0.53	0.45	0.17		0.34	0.03
Control Delay		34.4	5.5	2.3	14.6	21.0	4.7	23.1	13.6		20.9	15.9
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay		34.4	5.5	2.3	14.6	21.0	4.7	23.1	13.6		20.9	15.9
LOS		C	A	A	B	C	A	C	B		C	B
Approach Delay			19.8			15.5			19.9			14.4
Approach LOS			B			B			B			B
Queue Length 50th (ft)		88	29	0	4	115	0	36	12		25	3
Queue Length 95th (ft)		#170	64	10	16	185	38	67	32		52	12
Internal Link Dist (ft)			1764			581			420			355
Turn Bay Length (ft)		630		220	420		380	160			130	
Base Capacity (vph)		705	2196	965	303	1245	849	491	620		472	662
Starvation Cap Reductn		0	0	0	0	0	0	0	0		0	0
Spillback Cap Reductn		0	0	0	0	0	0	0	0		0	0
Storage Cap Reductn		0	0	0	0	0	0	0	0		0	0

M&W

Synchro 10 Report



Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Condition  
AM Peak Hour

Item #3.













Lane Group	SBR
Lane Configurations	
Traffic Volume (vph)	293
Future Volume (vph)	293
Ideal Flow (vphpl)	1900
Storage Length (ft)	0
Storage Lanes	1
Taper Length (ft)	
Satd. Flow (prot)	1599
Flt Permitted	
Satd. Flow (perm)	1599
Right Turn on Red	Yes
Satd. Flow (RTOR)	259
Link Speed (mph)	
Link Distance (ft)	
Travel Time (s)	
Peak Hour Factor	0.82
Heavy Vehicles (%)	1%
Shared Lane Traffic (%)	
Lane Group Flow (vph)	357
Enter Blocked Intersection	No
Lane Alignment	Right
Median Width(ft)	
Link Offset(ft)	
Crosswalk Width(ft)	
Two way Left Turn Lane	
Headway Factor	1.00
Turning Speed (mph)	9
Turn Type	Perm
Protected Phases	
Permitted Phases	8
Total Split (s)	22.5
Total Lost Time (s)	4.5
Act Effct Green (s)	10.7
Actuated g/C Ratio	0.20
v/c Ratio	0.67
Control Delay	12.6
Queue Delay	0.0
Total Delay	12.6
LOS	B
Approach Delay	
Approach LOS	
Queue Length 50th (ft)	26
Queue Length 95th (ft)	68
Internal Link Dist (ft)	
Turn Bay Length (ft)	
Base Capacity (vph)	725
Starvation Cap Reductn	0
Spillback Cap Reductn	0
Storage Cap Reductn	0

M&W

Synchro 10 Report



# Lanes, Volumes, Timings 1: Veterans Pkwy & Old Guard Rd

Existing Conditions  
AM Peak Hour

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Reduced v/c Ratio		0.82	0.24	0.05	0.06	0.69	0.52	0.26	0.10		0.20	0.02

Intersection Summary	
Area Type:	Other
Cycle Length: 60	
Actuated Cycle Length: 52.2	
Control Type: Actuated-Uncoordinated	
Maximum v/c Ratio: 0.82	
Intersection Signal Delay: 17.2	Intersection LOS: B
Intersection Capacity Utilization 72.1%	ICU Level of Service C
Analysis Period (min) 15	
# 95th percentile volume exceeds capacity, queue may be longer. Queue shown is maximum after two cycles.	

Splits and Phases: 1: Veterans Pkwy & Old Guard Rd

 Ø1	 Ø2	 Ø4
15 s	22.5 s	22.5 s
 Ø6		 Ø8
37.5 s		22.5 s

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Condition  
AM Peak Hour

Item #3.







Lane Group	SBR
Reduced v/c Ratio	0.49
Intersection Summary	



HCM 6th TWSC  
2: Old Guard Rd & American Way

Existing Condition  
AM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	4.2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	20	27	338	480	356	45
Future Vol, veh/h	20	27	338	480	356	45
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	140	0	160	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	68	68	68	68	68	68
Heavy Vehicles, %	5	0	0	1	1	0
Mvmt Flow	29	40	497	706	524	66
Major/Minor	Minor2	Major1		Major2		
Conflicting Flow All	1904	295	590	0	-	0
Stage 1	557	-	-	-	-	-
Stage 2	1347	-	-	-	-	-
Critical Hdwy	6.9	6.9	4.1	-	-	-
Critical Hdwy Stg 1	5.9	-	-	-	-	-
Critical Hdwy Stg 2	5.9	-	-	-	-	-
Follow-up Hdwy	3.55	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	58	707	995	-	-	-
Stage 1	529	-	-	-	-	-
Stage 2	202	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 29	707	995	-	-	-
Mov Cap-2 Maneuver	118	-	-	-	-	-
Stage 1	265	-	-	-	-	-
Stage 2	202	-	-	-	-	-
Approach	EB	NB		SB		
HCM Control Delay, s	25.3	5		0		
HCM LOS	D					
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	995	-	118	707	-	-
HCM Lane V/C Ratio	0.5	-	0.249	0.056	-	-
HCM Control Delay (s)	12.2	-	45.4	10.4	-	-
HCM Lane LOS	B	-	E	B	-	-
HCM 95th %tile Q(veh)	2.9	-	0.9	0.2	-	-
Notes						
~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    *: All major volume in platoon						

M&W

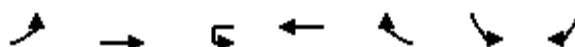
Synchro 10 Report

# Lanes, Volumes, Timings

## 3: Veterans Pkwy & American Way

Existing Conditions  
AM Peak Hour

Item #3.



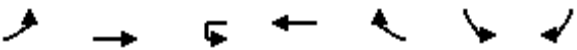
Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Lane Configurations	←←	↑↑	↔	↑↑	↔	↔	↔
Traffic Volume (vph)	416	857	16	1092	71	62	340
Future Volume (vph)	416	857	16	1092	71	62	340
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	650		515		415	360	0
Storage Lanes	2		1		1	1	1
Taper Length (ft)	125		125			50	
Satd. Flow (prot)	3400	3505	1805	3574	1553	1671	1568
Flt Permitted	0.950		0.294			0.950	
Satd. Flow (perm)	3400	3505	559	3574	1553	1671	1568
Right Turn on Red					Yes		Yes
Satd. Flow (RTOR)					81		326
Link Speed (mph)		45		45		30	
Link Distance (ft)		863		1844		2275	
Travel Time (s)		13.1		27.9		51.7	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles (%)	3%	3%	0%	1%	4%	8%	3%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	473	974	18	1241	81	70	386
Enter Blocked Intersection	No	No	No	No	No	No	No
Lane Alignment	Left	Left	R NA	Left	Right	Left	Right
Median Width(ft)		24		24		12	
Link Offset(ft)		0		0		0	
Crosswalk Width(ft)		16		16		16	
Two way Left Turn Lane						Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9		9	15	9
Turn Type	Prot	NA	Perm	NA	Perm	Perm	Perm
Protected Phases	1	6		2			
Permitted Phases			2		2	8	8
Total Split (s)	17.0	52.5	35.5	35.5	35.5	22.5	22.5
Total Lost Time (s)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Act Effect Green (s)	12.2	44.7	27.9	27.9	27.9	9.9	9.9
Actuated g/C Ratio	0.19	0.70	0.44	0.44	0.44	0.16	0.16
v/c Ratio	0.73	0.40	0.07	0.79	0.11	0.27	0.74
Control Delay	34.2	5.0	13.1	20.9	4.0	27.0	15.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	34.2	5.0	13.1	20.9	4.0	27.0	15.4
LOS	C	A	B	C	A	C	B
Approach Delay		14.6		19.8		17.2	
Approach LOS		B		B		B	
Queue Length 50th (ft)	92	56	4	198	0	26	22
Queue Length 95th (ft)	#178	134	17	337	23	56	93
Internal Link Dist (ft)		783		1764		2195	
Turn Bay Length (ft)	650		515		415	360	
Base Capacity (vph)	679	2690	277	1772	810	481	683
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
3: Veterans Pkwy & American Way

Existing Conditions  
AM Peak Hour



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Reduced v/c Ratio	0.70	0.36	0.06	0.70	0.10	0.15	0.57

Intersection Summary	
Area Type:	Other
Cycle Length:	75
Actuated Cycle Length:	63.8
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.79
Intersection Signal Delay:	17.1
Intersection LOS:	B
Intersection Capacity Utilization	58.7%
ICU Level of Service	B
Analysis Period (min)	15
# 95th percentile volume exceeds capacity, queue may be longer.	
Queue shown is maximum after two cycles.	

Splits and Phases: 3: Veterans Pkwy & American Way





HCM 6th TWSC  
4: Lullwater & Veterans Pkwy

Existing Condition  
AM Peak Hour

Item #3.

Intersection

Int Delay, s/veh 1.2

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑	↑	↑	↑↑	↑	↑
Traffic Vol, veh/h	448	20	15	896	48	31
Future Vol, veh/h	448	20	15	896	48	31
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Yield
Storage Length	-	250	475	-	0	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	87	87	87	87	87	87
Heavy Vehicles, %	3	10	0	0	0	7
Mvmt Flow	515	23	17	1030	55	36

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	538
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	-	4.1
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	-	2.2
Pot Cap-1 Maneuver	-	-	1040
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	-	1040
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	20.5
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	217	726	-	-	1040	-
HCM Lane V/C Ratio	0.254	0.049	-	-	0.017	-
HCM Control Delay (s)	27.2	10.2	-	-	8.5	-
HCM Lane LOS	D	B	-	-	A	-
HCM 95th %tile Q(veh)	1	0.2	-	-	0.1	-
























M&W

Synchro 10 Report

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Conditions  
PM Peak Hour

Item #3.

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	46	146	675	95	22	474	86	65	10	19	125	25
Future Volume (vph)	46	146	675	95	22	474	86	65	10	19	125	25
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)		630		220	420		380	160		0	130	
Storage Lanes		2		1	1		1	1		0	1	
Taper Length (ft)		125			100			50			75	
Satd. Flow (prot)	0	3349	3471	1583	1805	3471	1583	1770	1657	0	1752	1900
Flt Permitted		0.950			0.370			0.740			0.736	
Satd. Flow (perm)	0	3349	3471	1583	703	3471	1583	1378	1657	0	1358	1900
Right Turn on Red				Yes			Yes			Yes		
Satd. Flow (RTOR)				104			119		21			
Link Speed (mph)			45			45			35			35
Link Distance (ft)			1844			661			500			435
Travel Time (s)			27.9			10.0			9.7			8.5
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles (%)	0%	6%	4%	2%	0%	4%	2%	2%	10%	0%	3%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	211	742	104	24	521	95	71	32	0	137	27
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	R NA	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left
Median Width(ft)			24			24			12			12
Link Offset(ft)			0			0			0			0
Crosswalk Width(ft)			16			16			16			16
Two way Left Turn Lane												Yes
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	9	15		9	15		9	15		9	15	
Turn Type	Prot	Prot	NA	Perm	Perm	NA	Perm	Perm	NA		Perm	NA
Protected Phases	1	1	6			2			4			8
Permitted Phases				6	2		2	4			8	
Total Split (s)	10.0	10.0	32.5	32.5	22.5	22.5	22.5	22.5	22.5		22.5	22.5
Total Lost Time (s)		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5		4.5	4.5
Act Effect Green (s)		5.8	21.1	21.1	13.6	13.6	13.6	10.1	10.1		10.1	10.1
Actuated g/C Ratio		0.14	0.52	0.52	0.33	0.33	0.33	0.25	0.25		0.25	0.25
v/c Ratio		0.44	0.41	0.12	0.10	0.45	0.16	0.21	0.08		0.41	0.06
Control Delay		22.9	7.1	2.1	13.0	13.5	3.1	14.9	8.6		18.0	13.1
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay		22.9	7.1	2.1	13.0	13.5	3.1	14.9	8.6		18.0	13.1
LOS		C	A	A	B	B	A	B	A		B	B
Approach Delay			9.8			12.0			13.0			11.4
Approach LOS			A			B			B			B
Queue Length 50th (ft)		23	43	0	4	50	0	13	2		27	5
Queue Length 95th (ft)		#69	101	17	19	103	18	41	17		71	20
Internal Link Dist (ft)			1764			581			420			355
Turn Bay Length (ft)		630		220	420		380	160			130	
Base Capacity (vph)		477	2492	1166	328	1620	802	643	784		634	887
Starvation Cap Reductn		0	0	0	0	0	0	0	0		0	0
Spillback Cap Reductn		0	0	0	0	0	0	0	0		0	0
Storage Cap Reductn		0	0	0	0	0	0	0	0		0	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Condition  
PM Peak Hour

Item #3.

Lane Group	SBR
Lane Configurations	
Traffic Volume (vph)	276
Future Volume (vph)	276
Ideal Flow (vphpl)	1900
Storage Length (ft)	0
Storage Lanes	1
Taper Length (ft)	
Satd. Flow (prot)	1568
Flt Permitted	
Satd. Flow (perm)	1568
Right Turn on Red	Yes
Satd. Flow (RTOR)	235
Link Speed (mph)	
Link Distance (ft)	
Travel Time (s)	
Peak Hour Factor	0.91
Heavy Vehicles (%)	3%
Shared Lane Traffic (%)	
Lane Group Flow (vph)	303
Enter Blocked Intersection	No
Lane Alignment	Right
Median Width(ft)	
Link Offset(ft)	
Crosswalk Width(ft)	
Two way Left Turn Lane	
Headway Factor	1.00
Turning Speed (mph)	9
Turn Type	Perm
Protected Phases	
Permitted Phases	8
Total Split (s)	22.5
Total Lost Time (s)	4.5
Act Effct Green (s)	10.1
Actuated g/C Ratio	0.25
v/c Ratio	0.54
Control Delay	8.3
Queue Delay	0.0
Total Delay	8.3
LOS	A
Approach Delay	
Approach LOS	
Queue Length 50th (ft)	12
Queue Length 95th (ft)	63
Internal Link Dist (ft)	
Turn Bay Length (ft)	
Base Capacity (vph)	857
Starvation Cap Reductn	0
Spillback Cap Reductn	0
Storage Cap Reductn	0













M&W

Synchro 10 Report



# Lanes, Volumes, Timings 1: Veterans Pkwy & Old Guard Rd

Existing Conditions  
PM Peak Hour

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Reduced v/c Ratio		0.44	0.30	0.09	0.07	0.32	0.12	0.11	0.04		0.22	0.03

## Intersection Summary

Area Type: Other

Cycle Length: 55

Actuated Cycle Length: 40.7

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.54

Intersection Signal Delay: 10.9

Intersection LOS: B

Intersection Capacity Utilization 54.8%






ICU Level of Service A

Analysis Period (min) 15

# 95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 1: Veterans Pkwy & Old Guard Rd

 Ø1	 Ø2	 Ø4
10 s	22.5 s	22.5 s
 Ø6		 Ø8
32.5 s		22.5 s

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Existing Condition  
PM Peak Hour







Item #3.

Lane Group	SBR
Reduced v/c Ratio	0.35
Intersection Summary	

HCM 6th TWSC  
2: Old Guard Rd & American Way

Existing Condition  
PM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	3.3					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	27	154	50	188	284	14
Future Vol, veh/h	27	154	50	188	284	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	140	0	160	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	0	0	0	6	5	0
Mvmt Flow	33	186	60	227	342	17

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	585	180	359	0	-	0
Stage 1	351	-	-	-	-	-
Stage 2	234	-	-	-	-	-
Critical Hdwy	6.8	6.9	4.1	-	-	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	447	838	1211	-	-	-
Stage 1	690	-	-	-	-	-
Stage 2	789	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	425	838	1211	-	-	-
Mov Cap-2 Maneuver	517	-	-	-	-	-
Stage 1	656	-	-	-	-	-
Stage 2	789	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.8	1.7	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1211	-	517	838	-	-
HCM Lane V/C Ratio	0.05	-	0.063	0.221	-	-
HCM Control Delay (s)	8.1	-	12.4	10.5	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.2	0.8	-	-

M&W

Synchro 10 Report

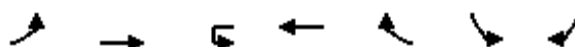


# Lanes, Volumes, Timings

## 3: Veterans Pkwy & American Way

Existing Conditions  
PM Peak Hour

Item #3.



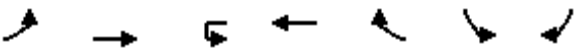
Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Lane Configurations	←←	↑↑	↔	↑↑	↔	↔	↔
Traffic Volume (vph)	147	921	25	817	8	48	379
Future Volume (vph)	147	921	25	817	8	48	379
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	650		515		415	360	0
Storage Lanes	2		1		1	1	1
Taper Length (ft)	125		125			50	
Satd. Flow (prot)	3367	3505	1805	3505	1429	1703	1568
Flt Permitted	0.950		0.270			0.950	
Satd. Flow (perm)	3367	3505	513	3505	1429	1703	1568
Right Turn on Red					Yes		Yes
Satd. Flow (RTOR)					9		244
Link Speed (mph)		45		45		30	
Link Distance (ft)		863		1844		2275	
Travel Time (s)		13.1		27.9		51.7	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles (%)	4%	3%	0%	3%	13%	6%	3%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	169	1059	29	939	9	55	436
Enter Blocked Intersection	No	No	No	No	No	No	No
Lane Alignment	Left	Left	R NA	Left	Right	Left	Right
Median Width(ft)		24		24		12	
Link Offset(ft)		0		0		0	
Crosswalk Width(ft)		16		16		16	
Two way Left Turn Lane						Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9		9	15	9
Turn Type	Prot	NA	Perm	NA	Perm	Perm	Perm
Protected Phases	1	6		2			
Permitted Phases			2		2	8	8
Total Split (s)	10.0	37.0	27.0	27.0	27.0	23.0	23.0
Total Lost Time (s)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Act Effct Green (s)	6.1	26.2	19.0	19.0	19.0	12.2	12.2
Actuated g/C Ratio	0.13	0.54	0.39	0.39	0.39	0.25	0.25
v/c Ratio	0.40	0.56	0.14	0.68	0.02	0.13	0.75
Control Delay	27.1	8.8	14.2	16.6	7.2	16.1	17.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.1	8.8	14.2	16.6	7.2	16.1	17.4
LOS	C	A	B	B	A	B	B
Approach Delay		11.3		16.4		17.3	
Approach LOS		B		B		B	
Queue Length 50th (ft)	26	87	6	121	0	13	52
Queue Length 95th (ft)	55	158	22	198	7	35	132
Internal Link Dist (ft)		783		1764		2195	
Turn Bay Length (ft)	650		515		415	360	
Base Capacity (vph)	422	2407	263	1799	738	719	803
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
3: Veterans Pkwy & American Way

Existing Condition  
PM Peak Hour



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Reduced v/c Ratio	0.40	0.44	0.11	0.52	0.01	0.08	0.54

Intersection Summary	
Area Type:	Other
Cycle Length:	60
Actuated Cycle Length:	48.4
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.75
Intersection Signal Delay:	14.3
Intersection LOS:	B
Intersection Capacity Utilization	53.6%
ICU Level of Service	A
Analysis Period (min)	15

Splits and Phases: 3: Veterans Pkwy & American Way



HCM 6th TWSC  
4: Lullwater & Veterans Pkwy

Existing Condition Item #3.  
PM Peak Hour

Intersection						
Int Delay, s/veh	0.6					
Movement	EBT	EBR	WBL	WBT	NBL	NBR
Lane Configurations	↑↑	↑	↑	↑↑	↑	↑
Traffic Vol, veh/h	768	49	16	551	21	9
Future Vol, veh/h	768	49	16	551	21	9
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	Yield
Storage Length	-	250	475	-	0	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	91	91	91	91	91	91
Heavy Vehicles, %	1	2	0	2	0	11
Mvmt Flow	844	54	18	605	23	10

Major/Minor	Major1	Major2	Minor1		
Conflicting Flow All	0	0	898	0	1183
Stage 1	-	-	-	-	844
Stage 2	-	-	-	-	339
Critical Hdwy	-	-	4.1	-	6.8
Critical Hdwy Stg 1	-	-	-	-	5.8
Critical Hdwy Stg 2	-	-	-	-	5.8
Follow-up Hdwy	-	-	2.2	-	3.5
Pot Cap-1 Maneuver	-	-	765	-	185
Stage 1	-	-	-	-	387
Stage 2	-	-	-	-	699
Platoon blocked, %	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	765	-	181
Mov Cap-2 Maneuver	-	-	-	-	181
Stage 1	-	-	-	-	387
Stage 2	-	-	-	-	682

Approach	EB	WB	NB
HCM Control Delay, s	0	0.3	22.9
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	181	556	-	-	765	-
HCM Lane V/C Ratio	0.127	0.018	-	-	0.023	-
HCM Control Delay (s)	27.8	11.6	-	-	9.8	-
HCM Lane LOS	D	B	-	-	A	-
HCM 95th %tile Q(veh)	0.4	0.1	-	-	0.1	-

M&W

Synchro 10 Report


























Appendix E:  
Capacity Analysis Reports  
*Projected Conditions*

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Conditions  
AM Peak Hour

Item #3.

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	56	497	397	43	15	719	361	106	41	17	137	14
Future Volume (vph)	56	497	397	43	15	719	361	106	41	17	137	14
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)		630		220	420		380	160		0	130	
Storage Lanes		2		1	1		1	1		0	1	
Taper Length (ft)		125			100			50			75	
Satd. Flow (prot)	0	3470	3438	1482	1805	3574	1615	1787	1749	0	1805	1900
Flt Permitted		0.950			0.476			0.746			0.711	
Satd. Flow (perm)	0	3470	3438	1482	904	3574	1615	1403	1749	0	1351	1900
Right Turn on Red				Yes			Yes			Yes		
Satd. Flow (RTOR)				52			440		21			
Link Speed (mph)			45			45			35			35
Link Distance (ft)			1844			661			500			435
Travel Time (s)			27.9			10.0			9.7			8.5
Peak Hour Factor	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
Heavy Vehicles (%)	0%	1%	5%	9%	0%	1%	0%	1%	0%	13%	0%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	674	484	52	18	877	440	129	71	0	167	17
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	R NA	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left
Median Width(ft)			24			24			12			12
Link Offset(ft)			0			0			0			0
Crosswalk Width(ft)			16			16			16			16
Two way Left Turn Lane												Yes
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	9	15		9	15		9	15		9	15	
Turn Type	Prot	Prot	NA	Perm	Perm	NA	Perm	Perm	NA		Perm	NA
Protected Phases	1	1	6			2			4			8
Permitted Phases				6	2		2	4			8	
Total Split (s)	19.0	19.0	42.5	42.5	23.5	23.5	23.5	22.5	22.5		22.5	22.5
Total Lost Time (s)		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5		4.5	4.5
Act Effect Green (s)		14.1	37.0	37.0	18.4	18.4	18.4	12.8	12.8		12.8	12.8
Actuated g/C Ratio		0.24	0.63	0.63	0.31	0.31	0.31	0.22	0.22		0.22	0.22
v/c Ratio		0.81	0.22	0.05	0.06	0.79	0.55	0.42	0.18		0.57	0.04
Control Delay		32.2	5.7	2.1	17.0	26.1	5.1	24.4	15.2		28.8	17.9
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay		32.2	5.7	2.1	17.0	26.1	5.1	24.4	15.2		28.8	17.9
LOS		C	A	A	B	C	A	C	B		C	B
Approach Delay			20.3			19.0			21.1			16.6
Approach LOS			C			B			C			B
Queue Length 50th (ft)		119	33	0	5	150	0	40	15		54	5
Queue Length 95th (ft)		#186	57	10	17	207	40	74	37		95	16
Internal Link Dist (ft)			1764			581			420			355
Turn Bay Length (ft)		630		220	420		380	160			130	
Base Capacity (vph)		863	2241	984	294	1165	823	433	554		417	587
Starvation Cap Reductn		0	0	0	0	0	0	0	0		0	0
Spillback Cap Reductn		0	0	0	0	0	0	0	0		0	0
Storage Cap Reductn		0	0	0	0	0	0	0	0		0	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Condition  
AM Peak Hour

Item #3.

Lane Group	SBR
Lane Configurations	
Traffic Volume (vph)	341
Future Volume (vph)	341
Ideal Flow (vphpl)	1900
Storage Length (ft)	0
Storage Lanes	1
Taper Length (ft)	
Satd. Flow (prot)	1599
Flt Permitted	
Satd. Flow (perm)	1599
Right Turn on Red	Yes
Satd. Flow (RTOR)	330
Link Speed (mph)	
Link Distance (ft)	
Travel Time (s)	
Peak Hour Factor	0.82
Heavy Vehicles (%)	1%
Shared Lane Traffic (%)	
Lane Group Flow (vph)	416
Enter Blocked Intersection	No
Lane Alignment	Right
Median Width(ft)	
Link Offset(ft)	
Crosswalk Width(ft)	
Two way Left Turn Lane	
Headway Factor	1.00
Turning Speed (mph)	9
Turn Type	Perm
Protected Phases	
Permitted Phases	8
Total Split (s)	22.5
Total Lost Time (s)	4.5
Act Effct Green (s)	12.8
Actuated g/C Ratio	0.22
v/c Ratio	0.69
Control Delay	11.7
Queue Delay	0.0
Total Delay	11.7
LOS	B
Approach Delay	
Approach LOS	
Queue Length 50th (ft)	26
Queue Length 95th (ft)	73
Internal Link Dist (ft)	
Turn Bay Length (ft)	
Base Capacity (vph)	722
Starvation Cap Reductn	0
Spillback Cap Reductn	0
Storage Cap Reductn	0

M&W













Synchro 10 Report



# Lanes, Volumes, Timings

## 1: Veterans Pkwy & Old Guard Rd

Projected Condition  
AM Peak Hour

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Reduced v/c Ratio		0.78	0.22	0.05	0.06	0.75	0.53	0.30	0.13		0.40	0.03

### Intersection Summary

Area Type: Other

Cycle Length: 65

Actuated Cycle Length: 58.9

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.81

Intersection Signal Delay: 19.2

Intersection LOS: B

Intersection Capacity Utilization 77.6%



ICU Level of Service D

Analysis Period (min) 15

# 95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 1: Veterans Pkwy & Old Guard Rd

 Ø1	 Ø2	 Ø4
19 s	23.5 s	22.5 s
 Ø6		 Ø8
42.5 s		22.5 s

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Condition  
AM Peak Hour







Item #3.

Lane Group	SBR
Reduced v/c Ratio	0.58
Intersection Summary	

HCM 6th TWSC  
2: Old Guard Rd & American Way

Projected Condition  
AM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	4.2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	20	27	338	488	376	45
Future Vol, veh/h	20	27	338	488	376	45
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	140	0	160	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	68	68	68	68	68	68
Heavy Vehicles, %	5	0	0	1	1	0
Mvmt Flow	29	40	497	718	553	66
Major/Minor	Minor2	Major1		Major2		
Conflicting Flow All	1939	310	619	0	-	0
Stage 1	586	-	-	-	-	-
Stage 2	1353	-	-	-	-	-
Critical Hdwy	6.9	6.9	4.1	-	-	-
Critical Hdwy Stg 1	5.9	-	-	-	-	-
Critical Hdwy Stg 2	5.9	-	-	-	-	-
Follow-up Hdwy	3.55	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	55	692	971	-	-	-
Stage 1	511	-	-	-	-	-
Stage 2	200	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 27	692	971	-	-	-
Mov Cap-2 Maneuver	113	-	-	-	-	-
Stage 1	249	-	-	-	-	-
Stage 2	200	-	-	-	-	-
Approach	EB	NB		SB		
HCM Control Delay, s	26.3	5.1		0		
HCM LOS	D					
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	971	-	113	692	-	-
HCM Lane V/C Ratio	0.512	-	0.26	0.057	-	-
HCM Control Delay (s)	12.5	-	47.7	10.5	-	-
HCM Lane LOS	B	-	E	B	-	-
HCM 95th %tile Q(veh)	3	-	1	0.2	-	-
Notes						
~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    *: All major volume in platoon						

M&W

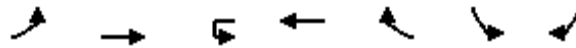
Synchro 10 Report



Lanes, Volumes, Timings  
3: Veterans Pkwy & American Way

Projected Condition  
AM Peak Hour

Item #3.



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Lane Configurations	←←	↑↑	↔	↑↑	↔	↔	↔
Traffic Volume (vph)	416	900	16	1154	71	62	340
Future Volume (vph)	416	900	16	1154	71	62	340
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	650		515		415	360	0
Storage Lanes	2		1		1	1	1
Taper Length (ft)	125		125			50	
Satd. Flow (prot)	3400	3505	1805	3574	1553	1671	1568
Flt Permitted	0.950		0.280			0.950	
Satd. Flow (perm)	3400	3505	532	3574	1553	1671	1568
Right Turn on Red					Yes		Yes
Satd. Flow (RTOR)					81		324
Link Speed (mph)		45		45		30	
Link Distance (ft)		863		1844		2275	
Travel Time (s)		13.1		27.9		51.7	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles (%)	3%	3%	0%	1%	4%	8%	3%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	473	1023	18	1311	81	70	386
Enter Blocked Intersection	No	No	No	No	No	No	No
Lane Alignment	Left	Left	R NA	Left	Right	Left	Right
Median Width(ft)		24		24		12	
Link Offset(ft)		0		0		0	
Crosswalk Width(ft)		16		16		16	
Two way Left Turn Lane						Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9		9	15	9
Turn Type	Prot	NA	Perm	NA	Perm	Perm	Perm
Protected Phases	1	6		2			
Permitted Phases			2		2	8	8
Total Split (s)	17.0	52.5	35.5	35.5	35.5	22.5	22.5
Total Lost Time (s)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Act Effect Green (s)	12.2	45.7	28.9	28.9	28.9	10.0	10.0
Actuated g/C Ratio	0.19	0.71	0.45	0.45	0.45	0.15	0.15
v/c Ratio	0.74	0.41	0.08	0.82	0.11	0.27	0.75
Control Delay	35.1	5.1	13.2	22.2	3.9	27.2	15.7
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	35.1	5.1	13.2	22.2	3.9	27.2	15.7
LOS	D	A	B	C	A	C	B
Approach Delay		14.6		21.0		17.5	
Approach LOS		B		C		B	
Queue Length 50th (ft)	92	61	4	216	0	26	23
Queue Length 95th (ft)	#178	144	17	#383	23	56	94
Internal Link Dist (ft)		783		1764		2195	
Turn Bay Length (ft)	650		515		415	360	
Base Capacity (vph)	665	2635	258	1735	795	471	674
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0

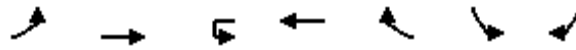
M&W

Synchro 10 Report

# Lanes, Volumes, Timings

## 3: Veterans Pkwy & American Way

Projected Condition  
AM Peak Hour



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Reduced v/c Ratio	0.71	0.39	0.07	0.76	0.10	0.15	0.57

### Intersection Summary

Area Type: Other

Cycle Length: 75

Actuated Cycle Length: 64.8

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.82

Intersection Signal Delay: 17.7

Intersection LOS: B

Intersection Capacity Utilization 60.5%




ICU Level of Service B

Analysis Period (min) 15

# 95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

### Splits and Phases: 3: Veterans Pkwy & American Way

 Ø1	 Ø2	
17 s	35.5 s	
 Ø6		 Ø8
52.5 s		22.5 s

HCM 6th TWSC  
4: Lullwater/R1 & Veterans Pkwy

Projected Condition  
AM Peak Hour

Item #3.

Intersection												
Int Delay, s/veh	2.2											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	8	466	21	15	917	5	49	0	31	13	0	19
Future Vol, veh/h	8	466	21	15	917	5	49	0	31	13	0	19
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	-	-	Yield	-	-	None
Storage Length	335	-	250	475	-	175	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	87	87	87	87	87	87	87	87	87	87	87	87
Heavy Vehicles, %	0	3	10	0	0	0	0	0	7	0	0	0
Mvmt Flow	9	536	24	17	1054	6	56	0	36	15	0	22

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	1060	0	0	560	0	0	1115	1648	268	1374	1666	527
Stage 1	-	-	-	-	-	-	554	554	-	1088	1088	-
Stage 2	-	-	-	-	-	-	561	1094	-	286	578	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.5	6.5	7.04	7.5	6.5	6.9
Critical Hdwy Stg 1	-	-	-	-	-	-	6.5	5.5	-	6.5	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.5	5.5	-	6.5	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.37	3.5	4	3.3
Pot Cap-1 Maneuver	665	-	-	1021	-	-	165	100	715	106	98	501
Stage 1	-	-	-	-	-	-	489	517	-	234	294	-
Stage 2	-	-	-	-	-	-	485	292	-	703	504	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	665	-	-	1021	-	-	154	97	715	98	95	501
Mov Cap-2 Maneuver	-	-	-	-	-	-	154	97	-	98	95	-
Stage 1	-	-	-	-	-	-	482	510	-	231	289	-
Stage 2	-	-	-	-	-	-	456	287	-	659	497	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	0.1	29.3	28.7
HCM LOS			D	D

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	154	715	665	-	-	1021	-	-	188
HCM Lane V/C Ratio	0.366	0.05	0.014	-	-	0.017	-	-	0.196
HCM Control Delay (s)	41.3	10.3	10.5	-	-	8.6	-	-	28.7
HCM Lane LOS	E	B	B	-	-	A	-	-	D
HCM 95th %tile Q(veh)	1.5	0.2	0	-	-	0.1	-	-	0.7

M&W

Synchro 10 Report

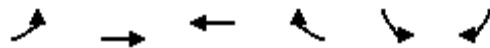


# HCM Unsignalized Intersection Capacity Analysis

## 5: Veterans Pkwy & C2

Projected Condition  
AM Peak Hour

Item #3.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑↑	↑↑	↑		↑
Traffic Volume (veh/h)	0	523	996	58	0	31
Future Volume (Veh/h)	0	523	996	58	0	31
Sign Control		Free	Free		Yield	
Grade		0%	0%		0%	
Peak Hour Factor	0.85	0.85	0.85	0.85	0.85	0.85
Hourly flow rate (vph)	0	615	1172	68	0	36
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)		661				
pX, platoon unblocked					0.99	
vC, conflicting volume	1240				1480	586
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	1240				1459	586
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	100				100	92
cM capacity (veh/h)	569				121	459
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	WB 3	SB 1
Volume Total	308	308	586	586	68	36
Volume Left	0	0	0	0	0	0
Volume Right	0	0	0	0	68	36
cSH	1700	1700	1700	1700	1700	459
Volume to Capacity	0.18	0.18	0.34	0.34	0.04	0.08
Queue Length 95th (ft)	0	0	0	0	0	6
Control Delay (s)	0.0	0.0	0.0	0.0	0.0	13.5
Lane LOS						B
Approach Delay (s)	0.0		0.0			13.5
Approach LOS						B
Intersection Summary						
Average Delay			0.3			
Intersection Capacity Utilization			37.5%		ICU Level of Service	A
Analysis Period (min)			15			

HCM 6th TWSC  
6: Old Guard Rd & C1

Projected Condition  
AM Peak Hour

Item #3.

Intersection

Int Delay, s/veh 3.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	YY		↑↑	↑	↑	↑↑
Traffic Vol, veh/h	93	1	826	73	1	401
Future Vol, veh/h	93	1	826	73	1	401
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	-	-	100	25	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	68	68	68	68	68	68
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	137	1	1215	107	1	590

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	1512	608	0	0	1322
Stage 1	1215	-	-	-	-
Stage 2	297	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1
Critical Hdwy Stg 1	5.8	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	~ 113	444	-	-	529
Stage 1	248	-	-	-	-
Stage 2	734	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	~ 113	444	-	-	529
Mov Cap-2 Maneuver	204	-	-	-	-
Stage 1	248	-	-	-	-
Stage 2	733	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	52.7	0	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	205	529
HCM Lane V/C Ratio	-	-	0.674	0.003
HCM Control Delay (s)	-	-	52.7	11.8
HCM Lane LOS	-	-	F	B
HCM 95th %tile Q(veh)	-	-	4.1	0

Notes

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

M&W

Synchro 10 Report

HCM 6th TWSC  
7: Old Guard Rd & R2

Projected Condition  
AM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	0.4					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↔		↔		↔	↔
Traffic Vol, veh/h	19	3	501	7	1	402
Future Vol, veh/h	19	3	501	7	1	402
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	-	-	-	25	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	68	68	68	68	68	68
Heavy Vehicles, %	0	0	1	0	0	1
Mvmt Flow	28	4	737	10	1	591

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	1335	742	0	0	747
Stage 1	742	-	-	-	-
Stage 2	593	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	171	419	-	-	870
Stage 1	474	-	-	-	-
Stage 2	556	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	171	419	-	-	870
Mov Cap-2 Maneuver	311	-	-	-	-
Stage 1	474	-	-	-	-
Stage 2	555	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	17.4	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	322	870
HCM Lane V/C Ratio	-	-	0.1	0.002
HCM Control Delay (s)	-	-	17.4	9.1
HCM Lane LOS	-	-	C	A
HCM 95th %tile Q(veh)	-	-	0.3	0

M&W
























Synchro 10 Report



Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Conditions  
PM Peak Hour

Item #3.

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Lane Configurations												
Traffic Volume (vph)	46	255	655	95	23	494	86	65	17	20	199	30
Future Volume (vph)	46	255	655	95	23	494	86	65	17	20	199	30
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)		630		220	420		380	160		0	130	
Storage Lanes		2		1	1		1	1		0	1	
Taper Length (ft)		125			100			50			75	
Satd. Flow (prot)	0	3333	3471	1583	1805	3471	1583	1770	1671	0	1752	1900
Flt Permitted		0.950			0.378			0.736			0.730	
Satd. Flow (perm)	0	3333	3471	1583	718	3471	1583	1371	1671	0	1347	1900
Right Turn on Red				Yes			Yes			Yes		
Satd. Flow (RTOR)				104			109		22			
Link Speed (mph)			45			45			35			35
Link Distance (ft)			1844			661			500			435
Travel Time (s)			27.9			10.0			9.7			8.5
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91
Heavy Vehicles (%)	0%	6%	4%	2%	0%	4%	2%	2%	10%	0%	3%	0%
Shared Lane Traffic (%)												
Lane Group Flow (vph)	0	331	720	104	25	543	95	71	41	0	219	33
Enter Blocked Intersection	No	No	No	No	No	No	No	No	No	No	No	No
Lane Alignment	R NA	Left	Left	Right	Left	Left	Right	Left	Left	Right	Left	Left
Median Width(ft)			24			24			12			12
Link Offset(ft)			0			0			0			0
Crosswalk Width(ft)			16			16			16			16
Two way Left Turn Lane												Yes
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	9	15		9	15		9	15		9	15	
Turn Type	Prot	Prot	NA	Perm	Perm	NA	Perm	Perm	NA		Perm	NA
Protected Phases	1	1	6			2			4			8
Permitted Phases				6	2		2	4			8	
Total Split (s)	14.0	14.0	37.5	37.5	23.5	23.5	23.5	22.5	22.5		22.5	22.5
Total Lost Time (s)		4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5		4.5	4.5
Act Effect Green (s)		9.0	27.3	27.3	13.7	13.7	13.7	13.3	13.3		13.3	13.3
Actuated g/C Ratio		0.18	0.55	0.55	0.27	0.27	0.27	0.27	0.27		0.27	0.27
v/c Ratio		0.55	0.38	0.11	0.13	0.57	0.19	0.20	0.09		0.61	0.07
Control Delay		24.5	7.6	2.1	16.6	18.7	4.2	16.5	10.2		25.1	14.9
Queue Delay		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0
Total Delay		24.5	7.6	2.1	16.6	18.7	4.2	16.5	10.2		25.1	14.9
LOS		C	A	A	B	B	A	B	B		C	B
Approach Delay			11.9			16.5			14.2			14.0
Approach LOS			B			B			B			B
Queue Length 50th (ft)		46	57	0	6	73	0	16	4		56	7
Queue Length 95th (ft)		95	101	17	22	123	23	45	23		126	25
Internal Link Dist (ft)			1764			581			420			355
Turn Bay Length (ft)		630		220	420		380	160			130	
Base Capacity (vph)		657	2377	1117	283	1369	690	512	638		503	709
Starvation Cap Reductn		0	0	0	0	0	0	0	0		0	0
Spillback Cap Reductn		0	0	0	0	0	0	0	0		0	0
Storage Cap Reductn		0	0	0	0	0	0	0	0		0	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Condition  
PM Peak Hour

Item #3.













Lane Group	SBR
Lane Configurations	
Traffic Volume (vph)	327
Future Volume (vph)	327
Ideal Flow (vphpl)	1900
Storage Length (ft)	0
Storage Lanes	1
Taper Length (ft)	
Satd. Flow (prot)	1568
Flt Permitted	
Satd. Flow (perm)	1568
Right Turn on Red	Yes
Satd. Flow (RTOR)	316
Link Speed (mph)	
Link Distance (ft)	
Travel Time (s)	
Peak Hour Factor	0.91
Heavy Vehicles (%)	3%
Shared Lane Traffic (%)	
Lane Group Flow (vph)	359
Enter Blocked Intersection	No
Lane Alignment	Right
Median Width(ft)	
Link Offset(ft)	
Crosswalk Width(ft)	
Two way Left Turn Lane	
Headway Factor	1.00
Turning Speed (mph)	9
Turn Type	Perm
Protected Phases	
Permitted Phases	8
Total Split (s)	22.5
Total Lost Time (s)	4.5
Act Effct Green (s)	13.3
Actuated g/C Ratio	0.27
v/c Ratio	0.55
Control Delay	7.2
Queue Delay	0.0
Total Delay	7.2
LOS	A
Approach Delay	
Approach LOS	
Queue Length 50th (ft)	10
Queue Length 95th (ft)	66
Internal Link Dist (ft)	
Turn Bay Length (ft)	
Base Capacity (vph)	783
Starvation Cap Reductn	0
Spillback Cap Reductn	0
Storage Cap Reductn	0

M&W

Synchro 10 Report

Lanes, Volumes, Timings  
1: Veterans Pkwy & Old Guard Rd

Projected Condition  
PM Peak Hour

												
Lane Group	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Reduced v/c Ratio		0.50	0.30	0.09	0.09	0.40	0.14	0.14	0.06		0.44	0.05

Intersection Summary

Area Type: Other

Cycle Length: 60

Actuated Cycle Length: 49.9

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.61

Intersection Signal Delay: 13.7

Intersection LOS: B

Intersection Capacity Utilization 61.7%

ICU Level of Service B

Analysis Period (min) 15

Splits and Phases: 1: Veterans Pkwy & Old Guard Rd













Lane Group	SBR
Reduced v/c Ratio	0.46
Intersection Summary	

HCM 6th TWSC  
2: Old Guard Rd & American Way

Projected Condition  
PM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	3.2					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	27	154	50	208	297	14
Future Vol, veh/h	27	154	50	208	297	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	140	0	160	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	0	0	0	6	5	0
Mvmt Flow	33	186	60	251	358	17

Major/Minor	Minor2	Major1	Major2			
Conflicting Flow All	613	188	375	0	-	0
Stage 1	367	-	-	-	-	-
Stage 2	246	-	-	-	-	-
Critical Hdwy	6.8	6.9	4.1	-	-	-
Critical Hdwy Stg 1	5.8	-	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-	-
Follow-up Hdwy	3.5	3.3	2.2	-	-	-
Pot Cap-1 Maneuver	429	828	1195	-	-	-
Stage 1	677	-	-	-	-	-
Stage 2	778	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	408	828	1195	-	-	-
Mov Cap-2 Maneuver	504	-	-	-	-	-
Stage 1	643	-	-	-	-	-
Stage 2	778	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	10.9	1.6	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	EBLn2	SBT	SBR
Capacity (veh/h)	1195	-	504	828	-	-
HCM Lane V/C Ratio	0.05	-	0.065	0.224	-	-
HCM Control Delay (s)	8.2	-	12.6	10.6	-	-
HCM Lane LOS	A	-	B	B	-	-
HCM 95th %tile Q(veh)	0.2	-	0.2	0.9	-	-

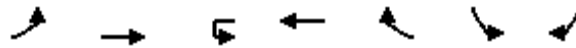
M&W

Synchro 10 Report

Lanes, Volumes, Timings  
3: Veterans Pkwy & American Way

Projected Condition  
PM Peak Hour

Item #3.



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Lane Configurations	←←	→→	←	→→	←	←	←
Traffic Volume (vph)	147	1010	25	888	8	48	379
Future Volume (vph)	147	1010	25	888	8	48	379
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)	650		515		415	360	0
Storage Lanes	2		1		1	1	1
Taper Length (ft)	125		125			50	
Satd. Flow (prot)	3367	3505	1805	3505	1442	1703	1568
Flt Permitted	0.950		0.244			0.950	
Satd. Flow (perm)	3367	3505	464	3505	1442	1703	1568
Right Turn on Red					Yes		Yes
Satd. Flow (RTOR)					9		234
Link Speed (mph)		45		45		30	
Link Distance (ft)		863		1844		2275	
Travel Time (s)		13.1		27.9		51.7	
Peak Hour Factor	0.87	0.87	0.87	0.87	0.87	0.87	0.87
Heavy Vehicles (%)	4%	3%	0%	3%	12%	6%	3%
Shared Lane Traffic (%)							
Lane Group Flow (vph)	169	1161	29	1021	9	55	436
Enter Blocked Intersection	No	No	No	No	No	No	No
Lane Alignment	Left	Left	R NA	Left	Right	Left	Right
Median Width(ft)		24		24		12	
Link Offset(ft)		0		0		0	
Crosswalk Width(ft)		16		16		16	
Two way Left Turn Lane						Yes	
Headway Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Turning Speed (mph)	15		9		9	15	9
Turn Type	Prot	NA	Perm	NA	Perm	Perm	Perm
Protected Phases	1	6		2			
Permitted Phases			2		2	8	8
Total Split (s)	10.0	37.5	27.5	27.5	27.5	22.5	22.5
Total Lost Time (s)	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Act Effct Green (s)	6.0	27.5	20.2	20.2	20.2	12.5	12.5
Actuated g/C Ratio	0.12	0.55	0.41	0.41	0.41	0.25	0.25
v/c Ratio	0.42	0.60	0.15	0.72	0.02	0.13	0.77
Control Delay	27.9	9.3	14.5	17.3	7.1	16.4	18.9
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay	27.9	9.3	14.5	17.3	7.1	16.4	18.9
LOS	C	A	B	B	A	B	B
Approach Delay		11.7		17.1		18.6	
Approach LOS		B		B		B	
Queue Length 50th (ft)	27	105	6	140	0	14	58
Queue Length 95th (ft)	55	176	22	217	7	35	139
Internal Link Dist (ft)		783		1764		2195	
Turn Bay Length (ft)	650		515		415	360	
Base Capacity (vph)	405	2387	233	1765	731	671	760
Starvation Cap Reductn	0	0	0	0	0	0	0
Spillback Cap Reductn	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0

M&W

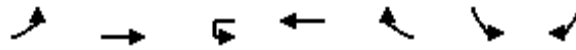
Synchro 10 Report



# Lanes, Volumes, Timings

## 3: Veterans Pkwy & American Way

Projected Condition  
PM Peak Hour



Lane Group	EBL	EBT	WBU	WBT	WBR	SBL	SBR
Reduced v/c Ratio	0.42	0.49	0.12	0.58	0.01	0.08	0.57

### Intersection Summary

Area Type: Other

Cycle Length: 60

Actuated Cycle Length: 49.8

Control Type: Actuated-Uncoordinated

Maximum v/c Ratio: 0.77

Intersection Signal Delay: 14.9

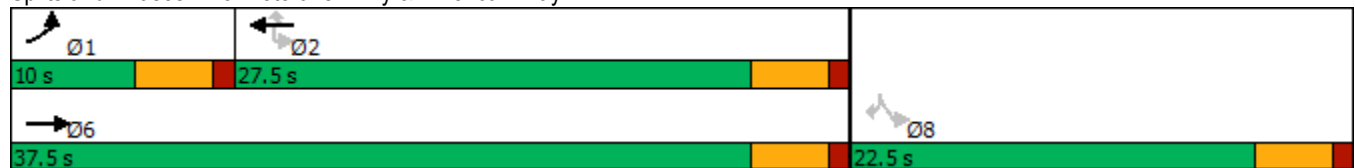
Intersection LOS: B

Intersection Capacity Utilization 55.5%

ICU Level of Service B

Analysis Period (min) 15










Splits and Phases: 3: Veterans Pkwy & American Way



HCM 6th TWSC  
4: Lullwater/R1 & Veterans Pkwy

Projected Condition  
PM Peak Hour

Item #3.

Intersection												
Int Delay, s/veh	1.3											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	24	798	49	16	586	15	22	0	9	12	0	17
Future Vol, veh/h	24	798	49	16	586	15	22	0	9	12	0	17
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	-	-	Yield	-	-	None
Storage Length	335	-	250	475	-	175	-	-	0	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	91	91	91	91	91	91	91	91	91	91	91	91
Heavy Vehicles, %	0	1	2	0	2	0	0	0	11	0	0	0
Mvmt Flow	26	877	54	18	644	16	24	0	10	13	0	19

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	660	0	0	931	0	0	1287	1625	439	1171	1663	322
Stage 1	-	-	-	-	-	-	929	929	-	680	680	-
Stage 2	-	-	-	-	-	-	358	696	-	491	983	-
Critical Hdwy	4.1	-	-	4.1	-	-	7.5	6.5	7.12	7.5	6.5	6.9
Critical Hdwy Stg 1	-	-	-	-	-	-	6.5	5.5	-	6.5	5.5	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.5	5.5	-	6.5	5.5	-
Follow-up Hdwy	2.2	-	-	2.2	-	-	3.5	4	3.41	3.5	4	3.3
Pot Cap-1 Maneuver	938	-	-	743	-	-	123	103	542	150	98	680
Stage 1	-	-	-	-	-	-	292	349	-	412	454	-
Stage 2	-	-	-	-	-	-	638	446	-	533	329	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	938	-	-	743	-	-	115	98	542	141	93	680
Mov Cap-2 Maneuver	-	-	-	-	-	-	115	98	-	141	93	-
Stage 1	-	-	-	-	-	-	284	339	-	400	443	-
Stage 2	-	-	-	-	-	-	605	435	-	509	320	-

Approach	EB			WB			NB			SB		
HCM Control Delay, s	0.2			0.3			35			20.6		
HCM LOS							E			C		

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	115	542	938	-	-	743	-	-	263
HCM Lane V/C Ratio	0.21	0.018	0.028	-	-	0.024	-	-	0.121
HCM Control Delay (s)	44.5	11.8	8.9	-	-	10	-	-	20.6
HCM Lane LOS	E	B	A	-	-	A	-	-	C
HCM 95th %tile Q(veh)	0.7	0.1	0.1	-	-	0.1	-	-	0.4

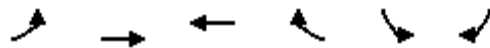
M&W

Synchro 10 Report

# HCM Unsignalized Intersection Capacity Analysis 5: Veterans Pkwy & C2

Projected Condition  
PM Peak Hour

Item #3.



Movement	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations		↑↑	↑↑	↑		↑
Traffic Volume (veh/h)	0	873	556	74	0	42
Future Volume (Veh/h)	0	873	556	74	0	42
Sign Control		Free	Free		Yield	
Grade		0%	0%		0%	
Peak Hour Factor	0.91	0.91	0.91	0.91	0.91	0.91
Hourly flow rate (vph)	0	959	611	81	0	46
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type		None	None			
Median storage (veh)						
Upstream signal (ft)		661				
pX, platoon unblocked					0.90	
vC, conflicting volume	692				1090	306
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	692				883	306
tC, single (s)	4.1				6.8	6.9
tC, 2 stage (s)						
tF (s)	2.2				3.5	3.3
p0 queue free %	100				100	93
cM capacity (veh/h)	912				261	696
Direction, Lane #	EB 1	EB 2	WB 1	WB 2	WB 3	SB 1
Volume Total	480	480	306	306	81	46
Volume Left	0	0	0	0	0	0
Volume Right	0	0	0	0	81	46
cSH	1700	1700	1700	1700	1700	696
Volume to Capacity	0.28	0.28	0.18	0.18	0.05	0.07
Queue Length 95th (ft)	0	0	0	0	0	5
Control Delay (s)	0.0	0.0	0.0	0.0	0.0	10.5
Lane LOS						B
Approach Delay (s)	0.0		0.0			10.5
Approach LOS						B
Intersection Summary						
Average Delay			0.3			
Intersection Capacity Utilization			27.5%		ICU Level of Service	A
Analysis Period (min)			15			

M&W

Synchro 10 Report



HCM 6th TWSC  
6: Old Guard Rd & C1

Projected Condition  
PM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	1.8					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations	↵↵		↵↵	↵	↵	↵↵
Traffic Vol, veh/h	119	2	258	98	2	443
Future Vol, veh/h	119	2	258	98	2	443
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	-	-	100	25	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	0	0	6	0	0	5
Mvmt Flow	143	2	311	118	2	534

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	582	156	0	0	429
Stage 1	311	-	-	-	-
Stage 2	271	-	-	-	-
Critical Hdwy	6.8	6.9	-	-	4.1
Critical Hdwy Stg 1	5.8	-	-	-	-
Critical Hdwy Stg 2	5.8	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	449	868	-	-	1141
Stage 1	722	-	-	-	-
Stage 2	756	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	448	868	-	-	1141
Mov Cap-2 Maneuver	541	-	-	-	-
Stage 1	722	-	-	-	-
Stage 2	754	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	14	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	544	1141
HCM Lane V/C Ratio	-	-	0.268	0.002
HCM Control Delay (s)	-	-	14	8.2
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	1.1	0





M&W

Synchro 10 Report

HCM 6th TWSC  
7: Old Guard Rd & R2

Projected Condition  
PM Peak Hour

Item #3.

Intersection						
Int Delay, s/veh	0.3					
Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	11	2	217	18	3	300
Future Vol, veh/h	11	2	217	18	3	300
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	-	-	-	25	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	83	83	83	83	83	83
Heavy Vehicles, %	0	0	6	0	0	5
Mvmt Flow	13	2	261	22	4	361

Major/Minor	Minor1	Major1	Major2		
Conflicting Flow All	641	272	0	0	283
Stage 1	272	-	-	-	-
Stage 2	369	-	-	-	-
Critical Hdwy	6.4	6.2	-	-	4.1
Critical Hdwy Stg 1	5.4	-	-	-	-
Critical Hdwy Stg 2	5.4	-	-	-	-
Follow-up Hdwy	3.5	3.3	-	-	2.2
Pot Cap-1 Maneuver	442	772	-	-	1291
Stage 1	778	-	-	-	-
Stage 2	704	-	-	-	-
Platoon blocked, %			-	-	-
Mov Cap-1 Maneuver	441	772	-	-	1291
Mov Cap-2 Maneuver	537	-	-	-	-
Stage 1	778	-	-	-	-
Stage 2	702	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.6	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	563	1291
HCM Lane V/C Ratio	-	-	0.028	0.003
HCM Control Delay (s)	-	-	11.6	7.8
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.1	0

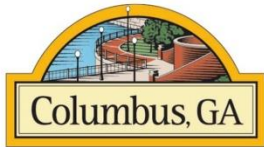
M&W

Synchro 10 Report

**File Attachments for Item:**

4. Resolution- EXCP-07-22-1378: A Resolution authorizing a Special Exception to allow a Church with greater than 250 seats in a RMF2 (RESIDENTIAL MULTIFAMILY 2) Zoning District located at **3408 5th Avenue**. (Planning Department and PAC recommend approval.)(Councilor Garrett)





CONSOLIDATED GOVERNMENT  
What progress has preserved.  
PLANNING DEPARTMENT

August 25, 2022

Honorable Mayor and Councilors  
City Manager  
City Attorney  
Clerk of Council

**Subject: (EXCP-07-22-1378) Special Exception Use request to allow for a Places of Worship, 250 or more seats located at 3408 5<sup>th</sup> Avenue, Columbus, Georgia 31904.**

**Places of Worship, 250 or more seats**

Highland Community Church has submitted an application for the Special Exception Use cited above. The property is located in a RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2) zoning district. The site for the proposed Places of Worship, 250 or more seats located at 3480 5<sup>th</sup> Avenue. The purpose of the Special Exception Use is to allow for the operation of a Places of Worship, 250 or more seats located within the RMF2 (Residential Multifamily 2) zoning district:

**(1) Access: Is or will the type of street providing access to the use be adequate to serve the proposed special exception use?**

35<sup>th</sup> Street is a local road. 5<sup>th</sup> Avenue is a local road. 6<sup>th</sup> Avenue is a local road. These roads will provide adequate free flow movement.

**(2) Traffic and Pedestrian Safety : Is or will access into and out of the property be adequate to provide for traffic and pedestrian safety, the anticipated volume of the traffic flow, and access by emergency vehicles?**

Access into and out of the property in question will provide for adequate traffic and pedestrian safety and emergency access.

**(3) Adequacy of Public Facilities: Are or will public facilities such as school, water, or sewer utilities and police and fire protection be adequate to serve the special exception use?**

Services such as water, utilities, police, and fire protection are adequate.

**(4) Protection from Adverse Affects: Are or will refuse, service, parking and loading areas on the property be located or screened to protect other properties in the area from such adverse effects as noise, light, glare or odor?**

The property is surrounded by RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2). Noise, light, flare and odor should be limited due to the nature of the business.

**(5) Hours of Operation: Will the hinner of operation of the special exception use have no adverse effects on other properties in the area?**

The hours of operation for this use will not have an adverse impact on the neighboring properties in the area.

**(6) Compatibility: Will the height, size, or location of the buildings or other structures on the property be compatible with the height, size, character, or location of buildings or other structures on neighboring properties?**

This structures height, size and location should match the uses found in other RMF2 (Residential Multifamily 2) properties.

**Council District:** District 8 (Garrett)

**One Hundred (100)** property owners within 300 feet of the property have been notified by mail of the proposed Special Exception Use. The Planning Department received One (1) calls and/or emails regarding the rezoning.

**Approval:** 1 Reponses

**Opposition:** 0 Responses

The Planning Advisory Commission recommended ***approval*** and the Planning Department recommended ***approval***.

**Additional Information:** N/A

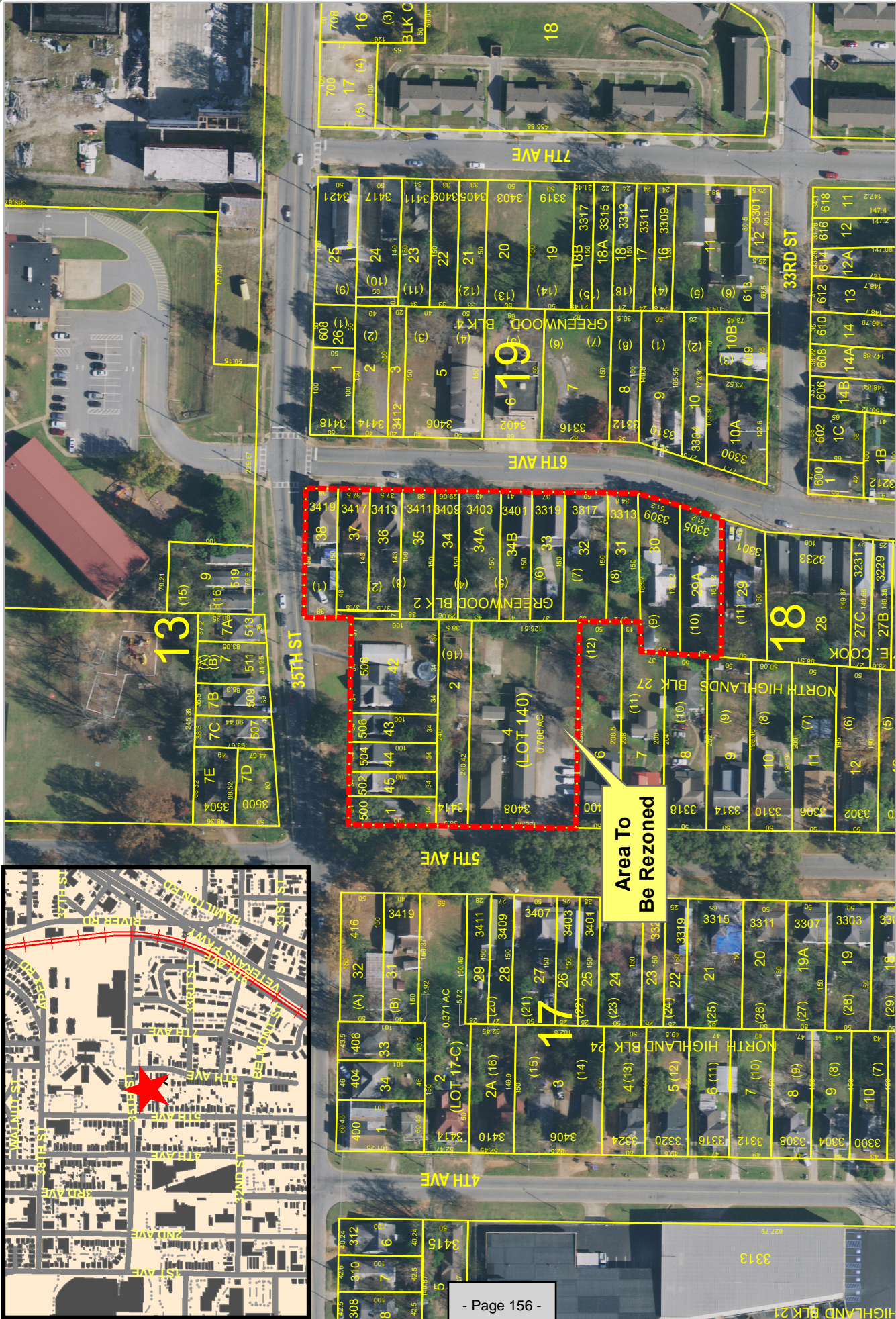
Respectfully,

Pamela Hodge  
Deputy City Manager

**Attachments:**

Aerial Land Use Map  
Location Map  
Zoning Map  
Existing Land Use Map  
Future Land Use Map  
Site Plan  
Traffic Report  
Flood Map





Area To Be Rezoned

This material is made available as a public service. Maps and data are to be used for reference purposes only. The data contained is subject to constant change. Map information is believed to be correct but is not guaranteed.

Date: 7/26/2022

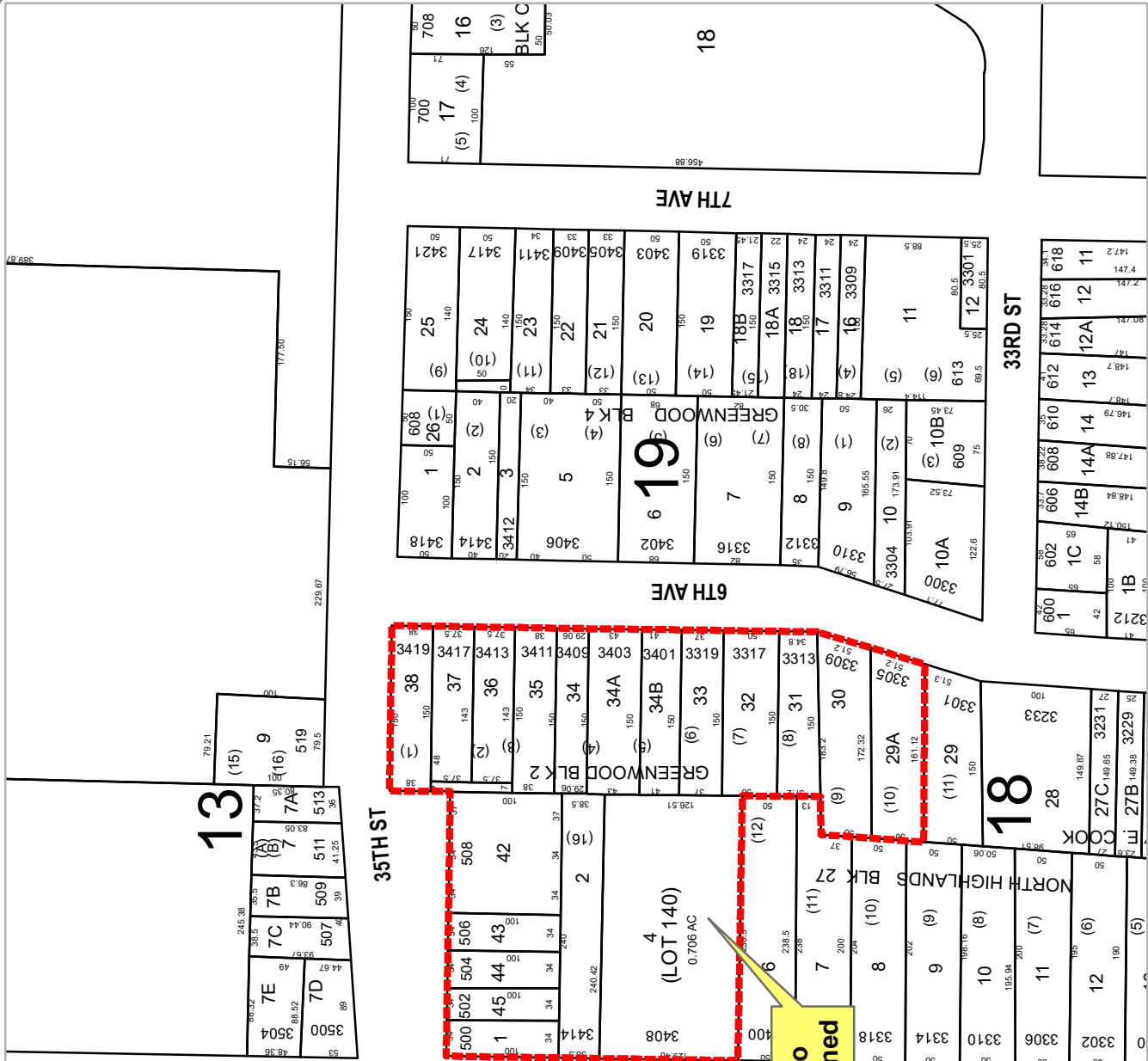
Aerial Map for EXCP 07-22-1378  
Map 014 Block 018 Lots 029A - 038, 042 - 045, 001 - 002 & 004  
Planning Department-Planning Division  
Prepared By Planning GIS Tech

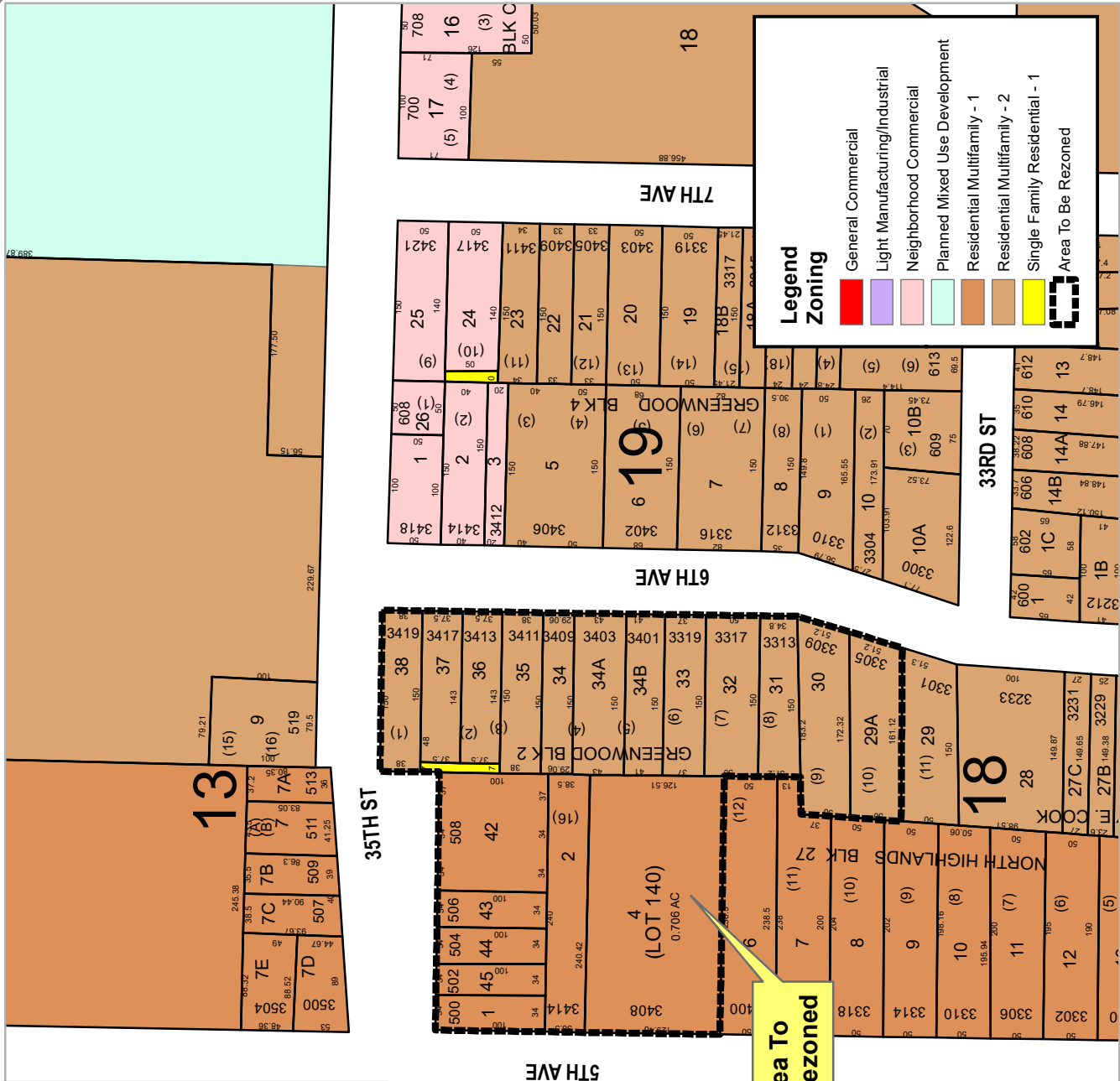
Item #4.

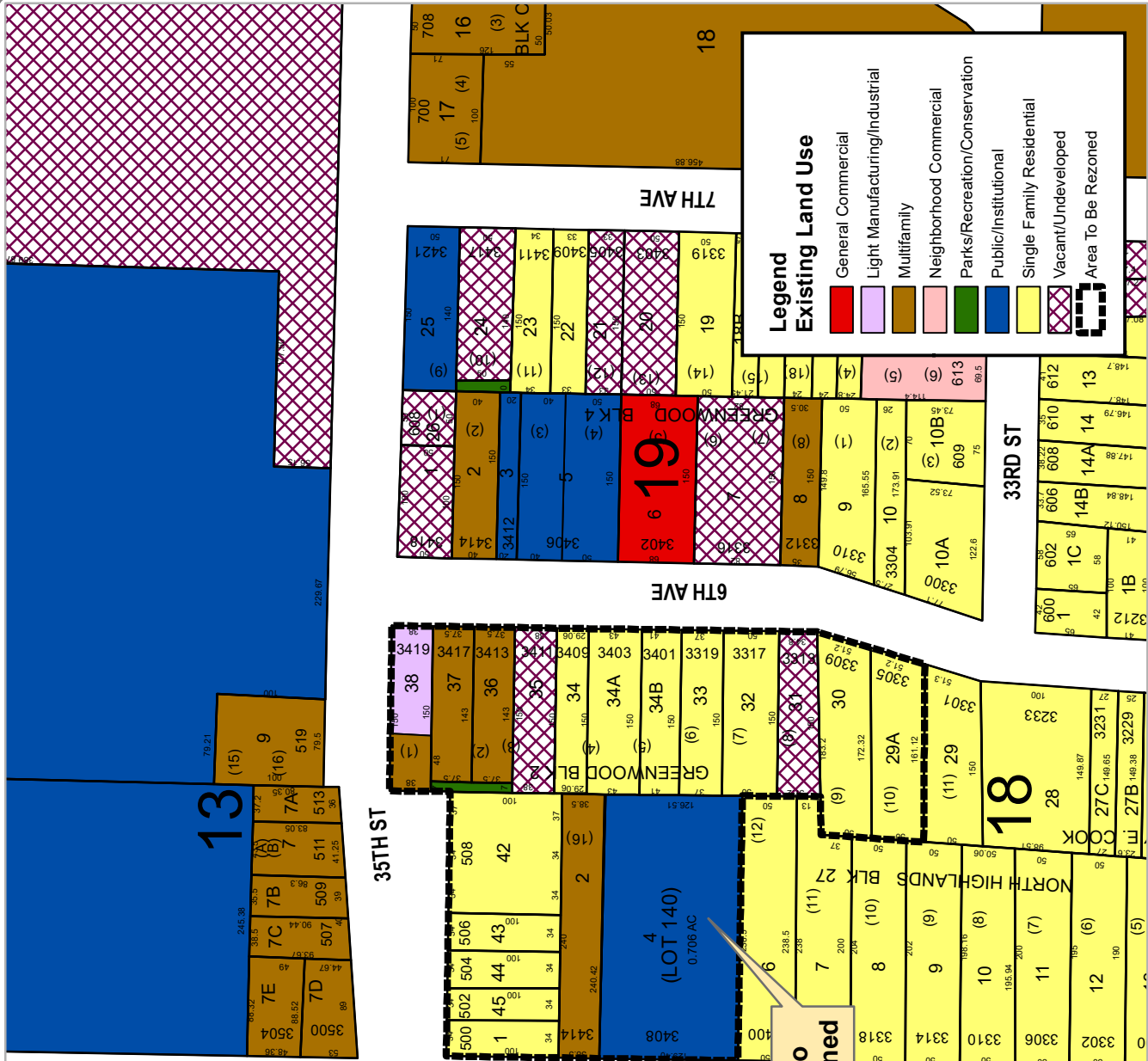
**Columbus Planning**

0 75 150 Feet  
1 inch = 150 feet  
Data Source: IT/GIS  
Author: David Cooper

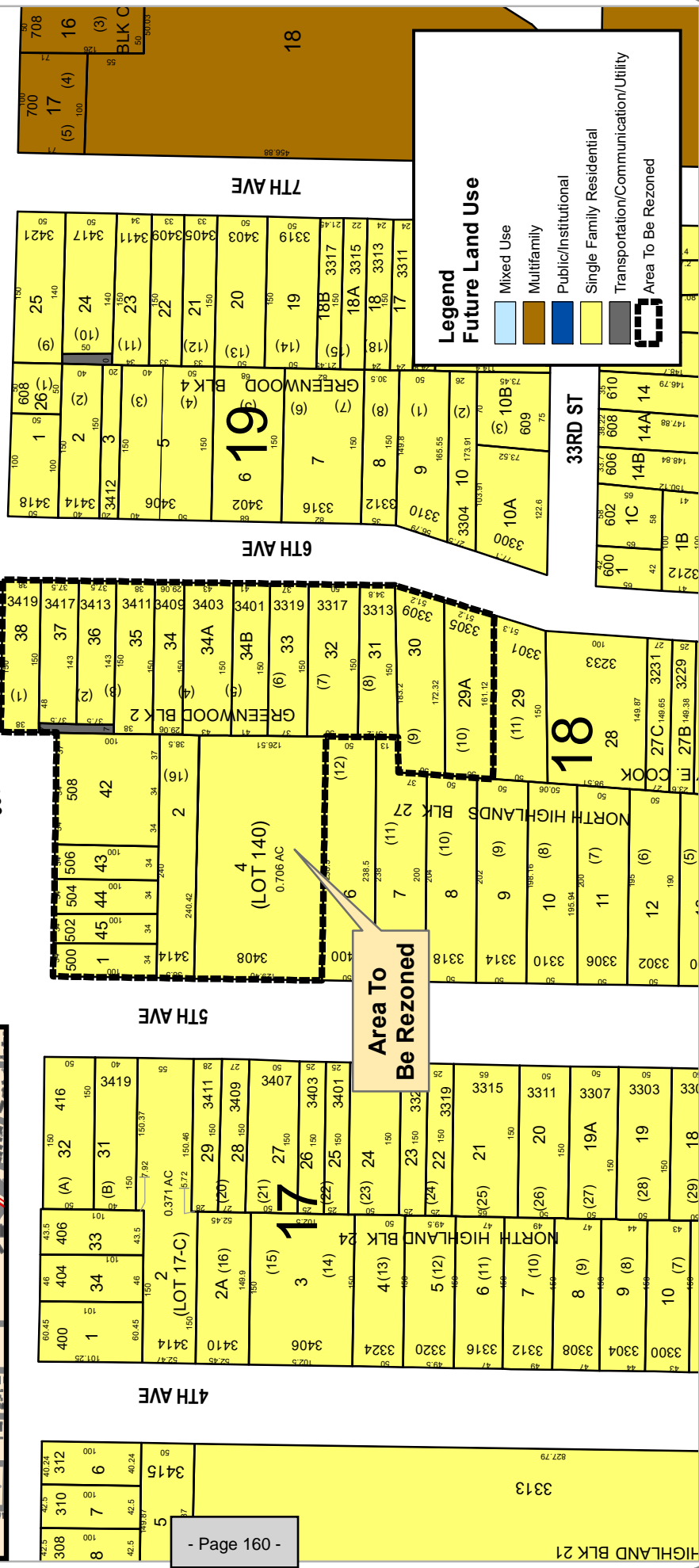
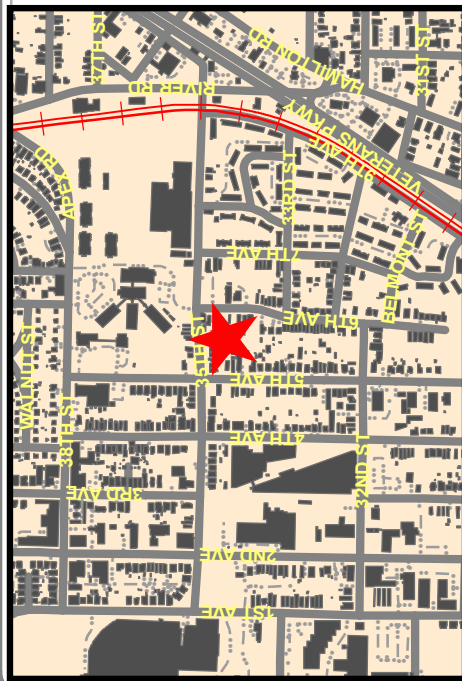


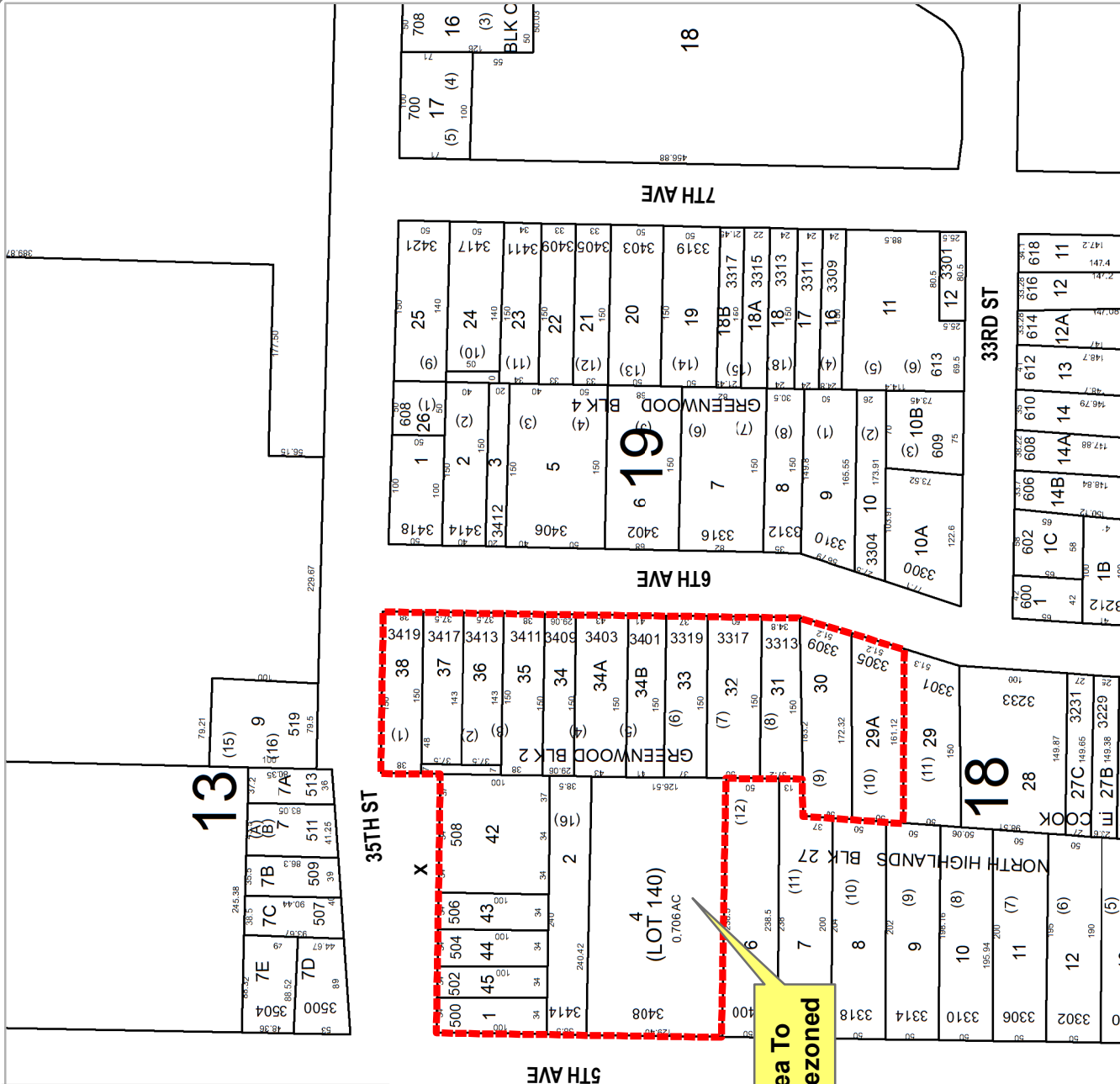
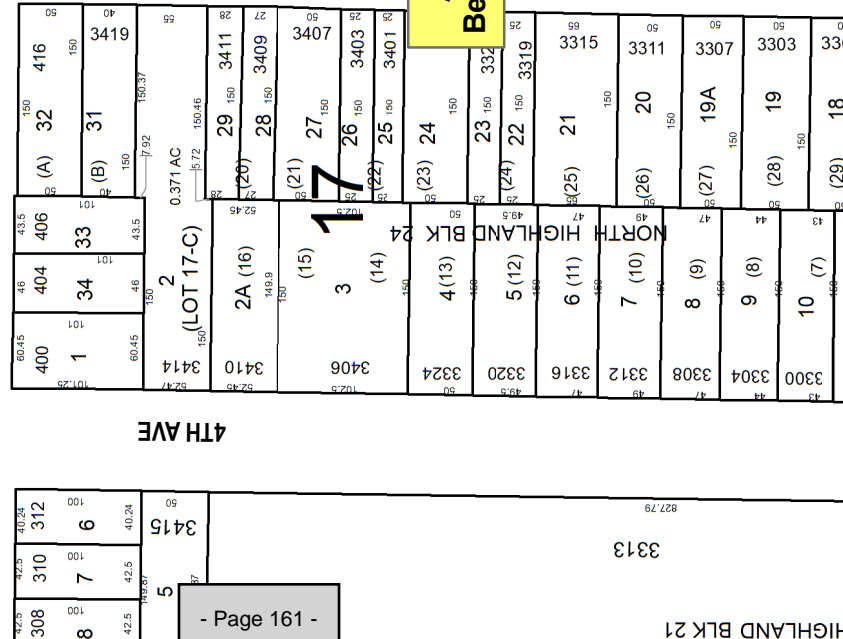












<b>ZONING CASE NO.</b>	EXCP 07-22-1378
<b>PROJECT</b>	3408 5th Avenue (including surrounding property)
<b>CLIENT</b>	
<b>REZONING REQUEST</b>	RMF1 & RMF2 to RMF2

## LAND USE

Trip Generation Land Use Code*	210, 220 & 560 Residential-Multi-Family 1 (RMF1) & Residential-Multi-Family 2 (RMF2) Residential-Multi-Family 2 (RMF2) RMF1 & RMF2 - Acreage converted to square footage. RMF2 - Number of Church Seats
Existing Land Use	
Proposed Land Use	
Existing Trip Rate Unit	
Proposed Trip Rate Unit	

## TRIP END CALCULATION\*

Land Use	ITE Code	Zone Code	Quantity	Trip Rate	Total Trips
<b>Daily (Existing Zoning)</b>					
Single Family Detached Housing	210	RMF1	1.476 Acres	9.43	101
Multifamily Housing - Low Rise	220	RMF2	1.71 Acres	6.74	67
				<b>Total</b>	<b>168</b>
<b>Daily (Proposed Zoning)</b>					
Church	560	RMF2	400 Seats	0.90	72
				0.16	13
				2.21	442
				<b>Total</b>	<b>527</b>

**Note:** \* Denotes calculation are based on Trip Generation, 8th Edition by Institute of Transportation Engineers

## TRAFFIC PROJECTIONS

**EXISTING ZONING (RMF1 & RMF2)**

Name of Street	5th Avenue
Street Classification	Local
No. of Lanes	2
City Traffic Count (2020)	0
Existing Level of Service (LOS)**	
Additional Traffic due to Existing Zoning	168
Total Projected Traffic (2021)	
Projected Level of Service (LOS)**	

Note: \*\* Denotes Level of Service Based on National Standards for Different Facility Type (TABLE1- General Highway Capacities by Facility Type)

**PROPOSED ZONING (RMF2)**

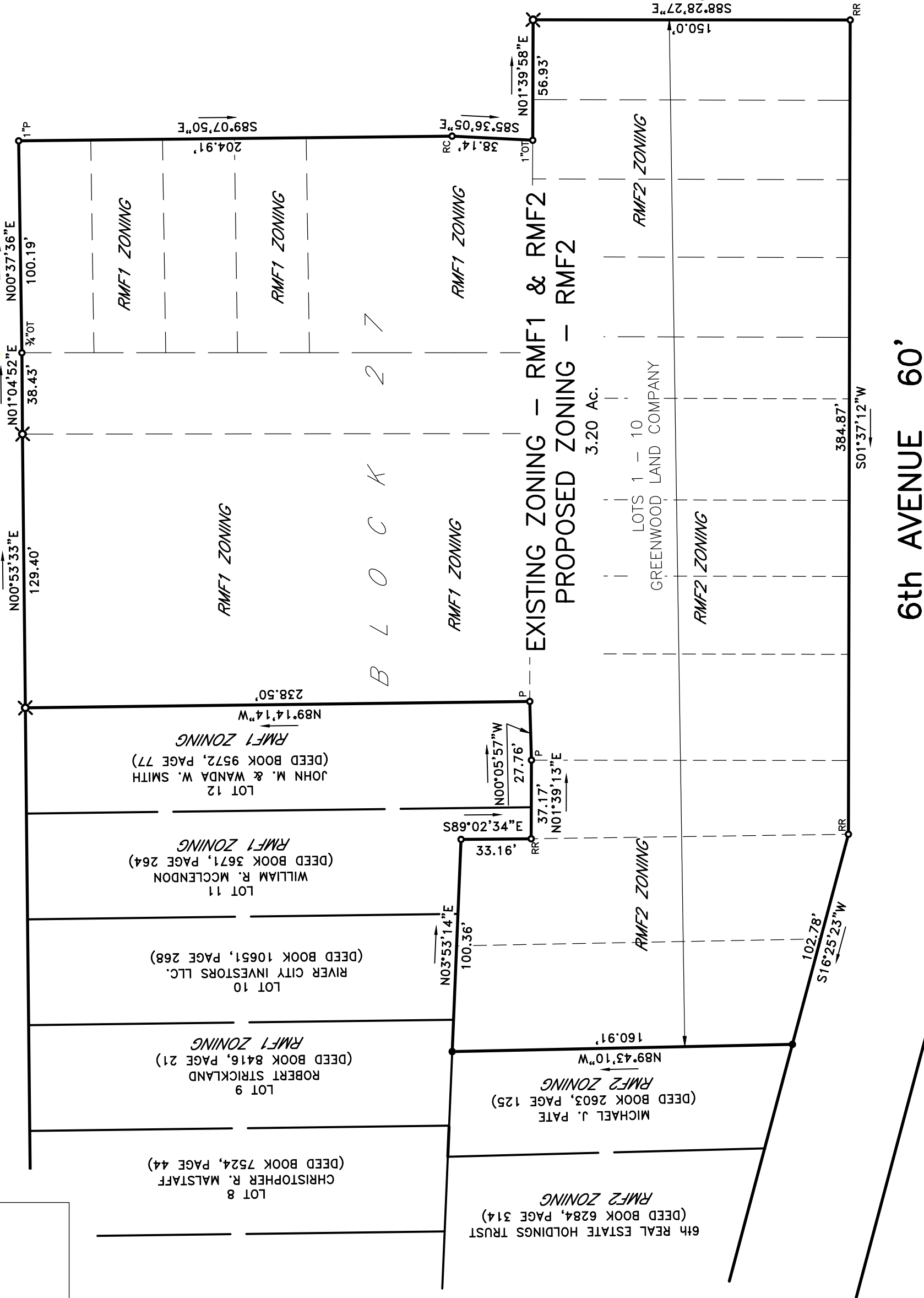
Name of Street	5th Avenue
Street Classification	Local
No. of Lanes	2
City Traffic Count (2020)	0
Existing Level of Service (LOS)**	
Additional Traffic due to Proposed	
Total Projected Traffic (2021)	527
Projected Level of Service (LOS)**	



Number	Street	Parcel
3408	5th Avenue	014 018 004
3414	5th Avenue	014 018 002
500	35th Street	014 018 001
502	35th Street	014 018 045
504	35th Street	014 018 044
506	35th Street	014 018 043
508	35th Street	014 018 042
3419	6th Avenue	014 018 038
3417	6th Avenue	014 018 037
3413	6th Avenue	014 018 036
3411	6th Avenue	014 018 035
3409	6th Avenue	014 018 034
3403	6th Avenue	014 018 034A
3401	6th Avenue	014 018 034B
3319	6th Avenue	014 018 033
3317	6th Avenue	014 018 032
3313	6th Avenue	014 018 031
3309	6th Avenue	014 018 030
3305	6th Avenue	014 018 029A



5th AVENUE 80'

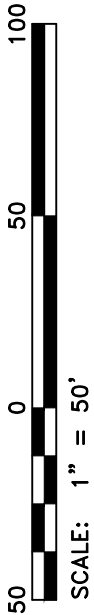


35th STREET  
(RIGHT-OF-WAY VARIES)

6th AVENUE 60'

NOTE: THIS PLAT WAS PREPARED TO ACCOMPANY  
A PETITION TO REZONE PROPERTY.

- LEGEND**
- REBAR & CAP FOUND
  - PINCHED TOP IRON FOUND
  - RAILROAD IRON FOUND
  - OPEN TOP PIPE FOUND
  - X— DRILL HOLE FOUND
  - REBAR & CAP SET (MMW LSF 87)
  - ||— WOODEN FENCE
  - X— WIRE OR CHAIN LINK FENCE



REZONING PLAT  
LOT 140, AND LOTS 16 & 17, BLOCK 27  
**NORTH HIGHLAND LAND IMPROVEMENT  
& MANUFACTURING CO.**

AND LOTS 1 THRU 10, BLOCK 2

**GREENWOOD LAND COMPANY**

PART OF LAND LOT 72, 8th DISTRICT  
COLUMBUS, MUSCOGEE COUNTY, GEORGIA

Scale 1" = 50' 18 July 2022

**MOON MECKES & ASSOCIATES, INC.**

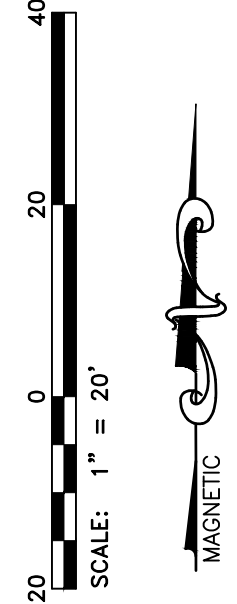
(GA. REG. NO. H206465)

Civil Engineers — Land Surveyors

100 Southern Way, Suite A, Columbus, Georgia, 31904

(706) 327-8306





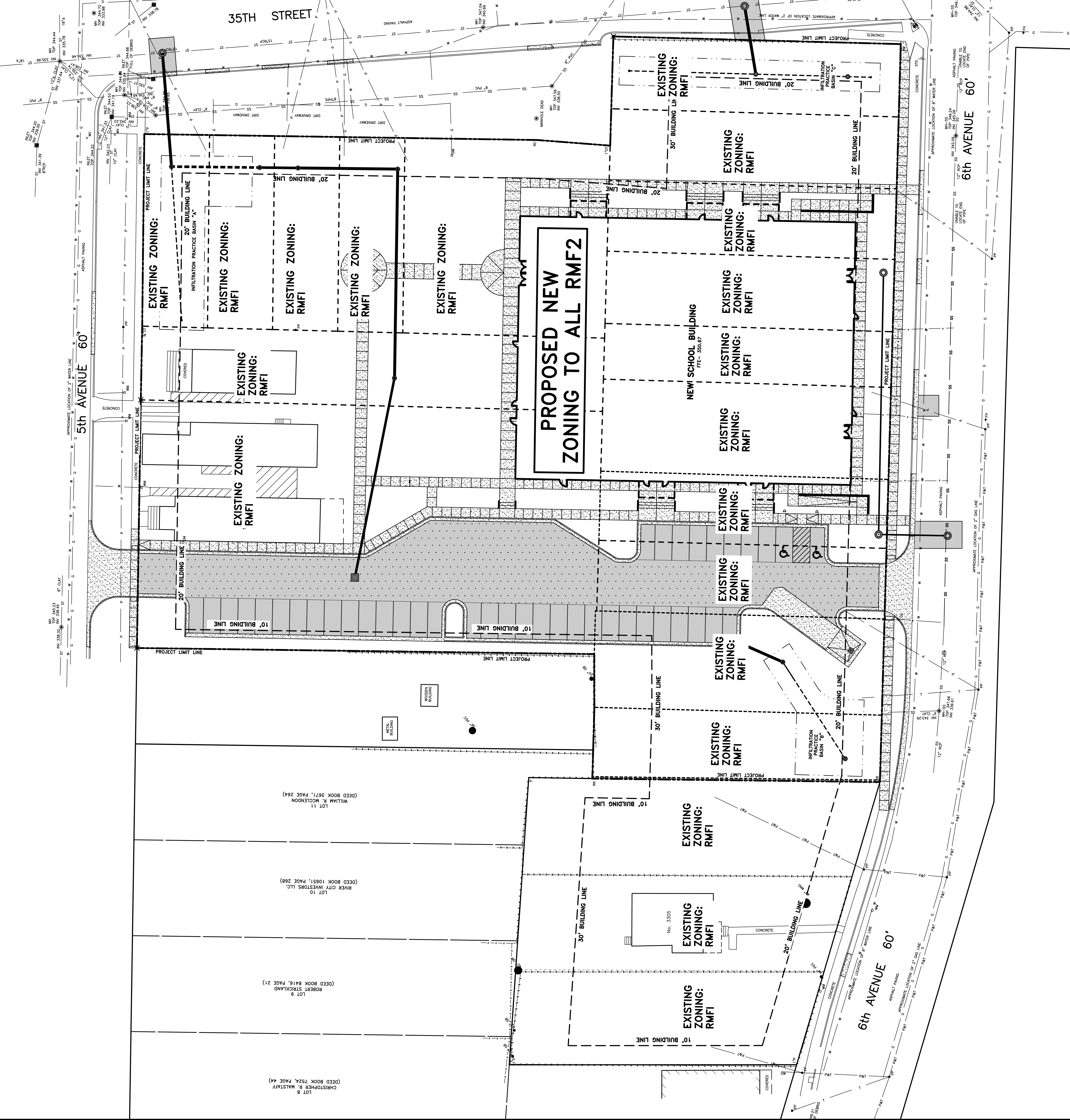
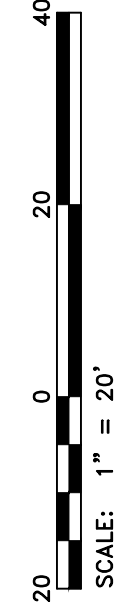
NOTE: INFORMATION REGARDING THE REVISED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES WAS OBTAINED FROM LOCAL UTILITY COMPANIES AND/OR AVAILABLE RECORDS. THE INFORMATION IS NOT GUARANTEED TO BE 100% ACCURATE. MOON WEEKS & ASSOCIATES, INC. HAS NO NOTICE OR KNOWLEDGE OF ANY FACTS THAT WOULD LEAD US TO CONCLUDE THAT THE INFORMATION IS NOT ACCURATE. THE OWNER, HIS EMPLOYEES AND HIS CONSULTANTS, HIS ASSAIGNS AND HIS ASSOCIATES, INC. IS NOT RESPONSIBLE FOR THE INFORMATION WITH RESPECT TO ABOVE GROUND MONUMENTS OF SUCH UTILITIES IS BASED UPON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS AND IS SHOWN HEREON.

**CAUTION !!!**  
CONTRACTOR TO LOCATE AND PROTECT EXISTING UTILITIES.  
CONTRACTOR TO NOTIFY COLUMBUS WATER WORKS BEFORE BEGINNING CONSTRUCTION.

- LEGEND
- REBAR & CAP FOUND (HOBBS)
  - PINCHED TOP IRON FOUND
  - GAS LINE
  - WATER LINE
  - SEWER LINE
  - POWER LINE
  - POWER & TELEPHONE LINES
  - WIRE OR CHAIN LINK FENCE
  - SANITARY SEWER LINE
  - SANITARY SEWER MANHOLE
  - FIRE HYDRANT
  - WATER METER
  - WATER METER PILE
  - CONCRETE PILE
  - ELECTRICAL BOX
  - CREPE MYRTLE TREE
  - BRADFORD PEAR TREE
  - WILLOW TREE
  - WARNING SIGN
  - AIR CONDITIONING UNIT

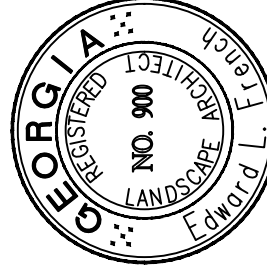
**PROPOSED LEGEND**

- ASPHALT PAVING
- HEAVY DUTY ASPHALT PAVING
- CONCRETE



MOON WEEKS & ASSOCIATES, INC.  
CIVIL ENGINEERS  
LANDSCAPE ARCHITECTS  
ENVIRONMENTAL CONSULTANTS  
LAND SURVEYORS  
100 SOUTHERN WAY, SUITE A  
COLUMBUS, GA, 31904  
PHONE (706) 327-8305  
WWW.MOONWEEKS.COM

REZONING PLAN  
FOR  
TRUTH SPRING ACADEMY  
LYING IN LAND LOT 89 OF THE 8TH DISTRICT  
COLUMBUS, MUSCOGEE COUNTY, GEORGIA



GSWCC# 8159  
MMA# 2022005  
DATE: 06/08/22  
SCALE: 1" = 20'  
SHEET No.

Z1.0



AN RESOLUTION

NO. \_\_\_\_\_

A RESOLUTION AUTHORIZING A SPECIAL EXCEPTION TO ALLOW  
A CHURCH WITH GREATER THAN 250 SEATS IN A RMF2 (RESIDENTIAL  
MULTIFAMILY 2) ZONING DISTRICT LOCATED AT  
3408 5<sup>TH</sup> AVENUE.

**WHEREAS**, Highland Community Church has appropriately applied for a Special Exception Use to operate a church with greater than 250 seats on the property described above; and

**WHEREAS**, a church is permitted solely as a Special Exception Use under the current RMF2 (Residential Multifamily 2) zoning district; and

**WHEREAS**, the Planning Department recommends approval, and the Planning Advisory Commission has reviewed the request and also recommends approval.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA,  
HEREBY RESOLVES AS FOLLOWS:**

That all the criteria listed under Section 3.2.53 of the Unified Development Ordinance have been properly met and a Special Exception Use to operate a church with greater than 250 seats is approved for the property located at 3408 5<sup>th</sup> Avenue.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the day of \_\_\_\_\_, 2022, and adopted at said meeting by the affirmative vote of members of said Council.

Councilor Allen	voting _____
Councilor Barnes	voting _____
Councilor Crabb	voting _____
Councilor Davis	voting _____
Councilor Garrett	voting _____
Councilor House	voting _____
Councilor Huff	voting _____
Councilor Thomas	voting _____
Councilor Tucker	voting _____
Councilor Woodson	voting _____

\_\_\_\_\_  
**Sandra T Davis**  
Clerk of Council

\_\_\_\_\_  
**B. H. “Skip” Henderson, III**  
Mayor

**File Attachments for Item:**

5. A resolution of the Columbus Council to directs the Clerk of Council to hereby hold any pending or future requests for honorary naming until further notice from this Council so that Council may review the recommendations of the Board of Honor, the Clerk of Council and the City Manager and propose any necessary revisions to the current code sections contained in Article VII or adopt any administrative procedures needed to improve the renaming criteria and procedures. (Add-On Resolution)

## RESOLUTION

NO. 296-22

**WHEREAS**, Article VII of Chapter 2 of the Columbus Code provides a mechanism whereby Streets and other City facilities can be named for distinguished citizens of Columbus, Georgia who have made significant contribution to the City and humankind; and,

**WHEREAS**, Under Article VII, the Board of Honor is responsible for reviewing and making recommendations to this Council concerning each application for honorary naming of a Street or facility; and,

**WHEREAS**, the Board of Honor has requested further guidance from Council concerning the criteria specified in Article VII for honoring an individual; and

**WHEREAS**, the City Manager and his staff, in conjunction with the Clerk of Council, have been reviewing the procedures and criteria for such honorary naming.

### NOW THEREFORE BE IT RESOLVED:

That the Columbus Council directs that the Clerk of Council is hereby requested to hold any pending or future requests for honorary naming until further notice from this Council so that Council may review the recommendations of the Board of Honor, the Clerk of Council and the City Manager and propose any necessary revisions to the current code sections contained in Article VII or adopt any administrative procedures needed to improve the renaming criteria and procedures.

---

Introduced at a regular meeting of the Council of Columbus, Georgia held on the 27<sup>th</sup> day of September 2022 and adopted at said meeting by the affirmative vote of ten members of said Council.

Councilor Allen	voting <u>YES</u>
Councilor Barnes	voting <u>YES</u>
Councilor Crabb	voting <u>YES</u>
Councilor Davis	voting <u>YES</u>
Councilor Garrett	voting <u>YES</u>
Councilor House	voting <u>YES</u>
Councilor Huff	voting <u>YES</u>
Councilor Thomas	voting <u>YES</u>
Councilor Tucker	voting <u>YES</u>
Councilor Woodson	voting <u>YES</u>



Resolution No. 296-22

---

**Sandra T. Davis**  
Clerk of Council

---

**B. H. “Skip” Henderson, III**  
Mayor

**File Attachments for Item:**

**1. Standing Boy Preserve Intergovernmental Agreement and Management Agreement**

Approval is requested to execute an Intergovernmental Agreement with Georgia Department of Natural Resources and a Management Agreement with Standing Boy, Inc. for the use and operation of the Standing Boy Preserve.

**Columbus Consolidated Government  
Council Meeting Agenda Item**

Item #1.

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	<b>Standing Boy Preserve Intergovernmental Agreement and Management Agreement</b>
<b>AGENDA SUMMARY:</b>	Approval is requested to execute an Intergovernmental Agreement with Georgia Department of Natural Resources and a Management Agreement with Standing Boy, Inc. for the use and operation of the Standing Boy Preserve.
<b>INITIATED BY:</b>	<b>City Manager's Office</b>

---

**Recommendation:** Approval is requested to execute an Intergovernmental Agreement (IGA) with the Georgia Department of Natural Resources (DNR) and a Management Agreement (MA) with Standing Boy, Inc. (SBI) for the use and operation of the Standing Boy Preserve.

**Background:** The Standing Boy Preserve located along the river in northwest Columbus is 1600 acres of relatively unused property owned by the State of Georgia since 2000. It has operated as a Wildlife Management Area. The mission is to keep the preserve in its natural state. SBI is a nonprofit organization that has begun and desires to complete construction of a trail network on the preserve..

**Analysis:** SBI has raised private funding totaling almost \$2.5 million to construct 25 miles of multi-use trails, 5 miles of biking only trails and 6 miles of hiking only trails. The City of Columbus will provide public safety support as done in all areas of the city and support SBI with any grant opportunities that are available.

**Financial Considerations:** SBI will provide all financial resources for the construction and maintenance of the trail network. No funding is required by the city.

**Legal Considerations:** The City Attorney has reviewed the IGA and MA.

**Recommendation/Action:** Approval is requested to authorize the City Manager to execute an Intergovernmental Agreement (IGA) with the Georgia Department of Natural Resources (DNR) and a Management Agreement (MA) with Standing Boy, Inc. (SBI) for the use and operation of the Standing Boy Preserve.



**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN INTERGOVERNMENTAL AGREEMENT WITH THE GEORGIA DEPARTMENT OF NATURAL RESOURCES AND A MANAGEMENT AGREEMENT WITH STANDING BOY, INC. FOR THE USE AND OPERATION OF THE STANDING BOY PRESERVE.**

**WHEREAS**, the State of Georgia owns 1600 on the river in northwest Columbus under the oversight of the Georgia Department of Natural Resources (DNR); and,

**WHEREAS**, Standing Boy, Inc. (SBI), a nonprofit organization, desires to construct a biking and hiking trail network and utilize the property in its natural state; and,

**WHEREAS**, the City of Columbus desires to partner with SBI for the operation of the preserve; and,

**WHEREAS**, no financial resources are requested from the City of Columbus to provide this quality of life amenity to the community;

**NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF COLUMBUS, GEORGIA, AS FOLLOWS:**

To authorize the City Manager to enter into an Intergovernmental Agreement with the Georgia Department of Natural Resources, a Management Agreement with Standing Boy, Inc. for the use and operation of the Standing Boy Preserve, in substantially the form posted on the agenda, and the execution of any other related documents.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson, Mayor

**INTERGOVERNMENTAL AGREEMENT  
BY AND BETWEEN  
THE GEORGIA DEPARTMENT OF NATURAL RESOURCES AND THE  
COLUMBUS, GEORGIA, A CONSOLIDATED CITY-COUNTY GOVERNMENT  
LOCATED IN MUSCOGEE COUNTY, GEORGIA  
(USE AGREEMENT)**

**THIS INTERGOVERNMENTAL AGREEMENT** (the “Agreement”) by and between the **GEORGIA DEPARTMENT OF NATURAL RESOURCES**, an agency of the State of Georgia (hereinafter referred to as the “Department”) and the **COLUMBUS, GEORGIA, a consolidated City-County Government located in MUSCOGEE COUNTY, GEORGIA** (hereinafter referred to as the “City”).

**W I T N E S S E T H:**

**WHEREAS**, the State of Georgia holds title to and the Department is the custodian of that certain real property located in Muscogee County, Georgia, consisting of approximately \_\_\_\_\_ acres within Parcel \_\_\_\_\_, together with all the improvements, tenements and appurtenances thereunto belonging or in any wise appertaining thereto, including the right of ingress and egress thereto and therefrom at all times and any improvements and other properties located thereon and used in connection therewith<sup>1</sup> (hereinafter referred to as the “Premises”), as more particularly described in Exhibit A attached hereto and incorporated herein by this reference;

**WHEREAS**, an Executive Order issued on January 21, 2004 dedicated the Premises as a Heritage Preserve under the Heritage Trust Act of 1957 O.C.G.A. § 12-3-70 et. seq. (the “Executive Order”);

**WHEREAS**, pursuant to 1983 GA. CONST., ART. 9, SEC. 3, PARA. 1, the Department and the City may contract for any period not exceeding 50 years with each other for the provision of services, or for the joint or separate use of facilities or equipment;

**WHEREAS**, the International Mountain Bike Association (“IMBA”) has developed principles and methods for building and managing sustainable multi-use trails, which are set forth in the works entitled *Trail Solutions: IMBA’s Guide to Building Sweet Singletack* (ISBN 0-9755023-0-1), *Managing Mountain Biking: IMBA’s Guide to Providing Great Riding* (ISBN 978-0-9755023-1-X) and *Guidelines for a Quality Trail Experience* (<https://www.blm.gov/sites/blm.gov/files/Guidelines-for-a-Quality-Trail-Experience-2017.pdf>); and these principles and methods, including future refinements and advancements, collectively constitute the “IMBA Methods.”

---

<sup>1</sup> We need to make sure to carve out the house.

**WHEREAS**, the Department has approved a master plan based on the IMBA Methods for natural surface trails on the Premises as more particularly described in Exhibit B attached hereto and incorporated herein by this reference (the “Trail System Master Plan”);

**WHEREAS**, the Department, the City, and Columbus Water Works have or may entered into one or more intergovernmental agreements or arrangements regarding the access road traveling across the Premises from Old River Road to the northern end of the Green Island Hills neighborhood (the “Access Road IGAs”);

**WHEREAS**, Standing Boy, Inc. (“SBI”) is a Georgia nonprofit corporation that exists to:

First, protect and preserve the natural beauty and abundant resources of the Premises for the benefit of present and future generations;

Second, create, maintain, and manage a spectacular natural-surface trail system that is consistent with the natural state of the Premises; and

Third, leverage the natural beauty of the Premises and the trail system to: (i) support sound forestry management and ecological practices on the Premises, (ii) foster healthier, happier lives through physical activity in a natural environment, and (iii) promote appreciation, understanding, and stewardship of nature.

**WHEREAS**, IMBA has prepared for SBI a plan for parking and trailhead facilities as more particularly described in Exhibit C attached hereto and incorporated herein by this reference (the “Trailhead Master Plan”).

**WHEREAS**, the City and SBI have executed concurrently with this Agreement a management agreement regarding the Premises as more particularly described in Exhibit D attached hereto (the “Management Agreement”), and all references to the City shall SBI as its designee pursuant to the Management Agreement.

**NOW, THEREFORE**, for and in consideration of the mutual public benefit and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

# 1.

## EFFECTIVE DATES

For and in consideration of the terms and conditions hereinafter set forth, and except as otherwise provided herein, the Department does grant to the City and the City hereby accepts possession of and permission to use the Premises beginning at 11:59 PM on January 31, 2023 (the “Effective Date”). Except for the rights retained by the Department under this Agreement, the City’s possession and permission to use the Premises shall be exclusive.

## 2. USE OF THE PREMISES

2.1 The Premises shall be used for public outdoor recreational uses in accordance with and to the extent authorized by the Executive Order. The Premises shall not be used for any illegal or unauthorized purpose. Without limitation, the following uses shall not be permitted on the Premises:

- (a) Horseback riding, and
- (b) All-terrain vehicle or other off-road vehicle use, except as used by the City or the Department for operations and maintenance purposes, emergency vehicles or other purposes authorized under this Agreement, and
- (c) Hunting, except as permitted pursuant to the terms of Paragraph 2.3 below.

2.2 Without limitation, the City, or SBI, in accordance with the Management Agreement, may

- (a) construct and maintain the trails and trailhead facilities depicted in the Trail System Master Plan and the Trailhead Master Plan;
- (b) install educational and wayfinding signage and construct rest areas along the trails that consist of amenities such as bike racks, benches, and picnic tables, with the trails depicted in the Trail System Master Plan and all such signage and rest areas collectively constituting the “Trail System,”
- (c) construct and install parking areas, kiosks and other signage, water fountains, restrooms, benches, picnic tables, pavilions, and other similar infrastructure and amenities (the “Trailhead”);
- (d) store and stage materials such as rock or dirt; construct and install containers or sheds for tools and other materials (with any such locations or structures constituting the “Maintenance Facilities”); maintain and improve access roads; and take all other similar actions necessary to construct and maintain the Trail System and Trailhead; and
- (e) remove materials or structures that do not support the permitted uses and interfere with the natural state of the property (e.g., piles of trash and old sheds in poor repair).

All construction and maintenance activities shall respect the natural state of the Premises and satisfy all applicable archeological, environmental, and similar requirements. Additionally, all construction and maintenance activities related to the trails shall be in accordance with the IMBA Methods.

2.3 The Department reserves the right to permit hunting on the property as follows:



(a) During each annual hunting season, the Department will conduct 8 three-day quota hunts.

- (i) two archery-only deer hunts the FIRST Friday, Saturday, and Sunday in October and December.;
- (ii) two archery-only deer hunts the FIRST and SECOND Friday, Saturday, and Sunday in November;
- (iii) two youth turkey hunts the SECOND and THIRD Friday, Saturday, and Sunday of state season;
- (iv) two archery-only turkey hunts the FOURTH and FIFTH Friday, Saturday, and Sunday of state season.

(b) On days hunting is permitted on the Premises,

- (i) the City shall have absolutely no responsibility whatsoever to manage or regulate the conduct of users that have accessed the property for the purpose of hunting, and the City shall have no liability whatsoever for any claims or damages directly or indirectly related to the injury of any persons present on the property or their vehicles as a result of the hunting use or any other joint use;
- (ii) the Trail System and Trailhead shall have normal operating hours except during the youth turkey hunts, when shall be closed until 10AM; and
- (iii) the Department may allow vehicular traffic on all roads on the Premises other than the road that is the subject of the Access Road IGAs.

2.4 The parties agree that, when possible, the Premises shall be primarily presented and marketed to the public as "Standing Boy Trails" or, when it is necessary to more specifically refer to the Premises as real property or the context otherwise requires, as the "Standing Boy Preserve."

2.5 This Agreement shall be subject to the Access Road IGAs.

### 3.

## HOURS OF OPERATION

The City shall make the Premises available to the public, at a minimum, during daylight hours; provided, however, that Trail System shall be closed to all trail users when the trails are in a condition such that use of the Trail System would damage the trails. In addition, the City Manager shall have the ability to close the trails or limit the hours of operation where he and/or the Police Chief determine that public safety or public health concerns warrant such action.

### 4.

## **FEES**

The City may charge a reasonable parking fee to members of the public who wish to park their vehicles on the Premises but shall not charge the general public an admission fee of any kind for access to the Premises itself. Additionally, the City may charge a reasonable fee to persons holding events on the Premises. The Department understands that the parking and event fees may be collected by SBI pursuant to the Management Agreement, subject to all requirements imposed by this Agreement and the Management Agreement.

### **5.**

#### **CONSIDERATION FROM CITY**

5.1 For and as partial consideration for the use of the Premises, the City agrees to keep each and every term and condition of this Agreement required to be kept by the City. It is understood that the obligations set out in paragraphs 5.2 and 5.3 below will be carried out by SBI in accordance with the Management Agreement.

5.2 For and as partial consideration for the use of the Premises, the City shall

- (a) maintain the Trail System, Trailhead, and Maintenance Facilities, and
- (b) operate, at no cost to the Department, the Premises as a public outdoor recreation area.

5.3 For and as partial consideration of the use of the Premises, the City shall cause to be furnished and shall pay for all utilities including but not limited to water, power, sanitation (sewage or otherwise), garbage pickup and disposal, and other utilities or services required for the City's use of the Premises.

5.4 For and as partial consideration of the use of the Premises, the City agrees that all revenue from the Premises shall be reinvested into the Premises, used to encourage utilization of the Premises, used to fund educational activities on the Premises, or put to other similar uses, including, without limitation, any administrative costs associated with the foregoing.

5.5 For and as partial consideration of the use of the Premises, the City shall, upon termination of this Agreement, return the Premises to the Department in as good a condition as when the City took possession, natural wear and tear only excepted.

### **6.**

#### **CONSIDERATION FROM DEPARTMENT**

6.1 For and as partial consideration of the City's obligations under this Agreement, the Department shall maintain the Hunter Access Roads to a standard consistent with similar roads on Wildlife Management Areas.

6.2 For and as partial consideration of the City's obligations under this Agreement, the Department shall, upon request by the City, assist the City in addressing any unauthorized hunting on the Premises.

6.3 For and as partial consideration of the City's obligations under this Agreement, the Department shall, upon request by the City, make reasonable efforts to assist the City in applying for grants and other similar sources of funding by indicating assent to or support for such application or taking other similar actions as the holder of legal title to the Premises; provided, however that the Department shall have no additional obligations to assist in the preparation of such application or financially obligate itself with respect to such applications.

## 7. **TERM**

This Agreement shall be for a term of fifty (50) years beginning on the Effective Date and ending at 11:59 P.M., prevailing legal time in Atlanta, Georgia, on the day immediately preceding the fiftieth (50<sup>th</sup>) anniversary of the Effective Date, unless sooner terminated as hereinafter provided. The right of the use of the Premises is herein granted to the City effective upon the execution of this Agreement. The term may be extended if both the Department and the City desire, by executing a new Agreement at any time prior to the expiration of this Agreement.

## 8. **LIABILITY AND INSURANCE**

### 8.1 General Liability Agreement

- (a) To the extent permitted by Georgia law, the City shall be responsible to the Department from the Effective Date for all injury to persons or damage of any kind to property, real or personal, resulting from any grossly negligent act or omission or breach, failure or other default regarding the use of the Premises by the City, or any of its subtenants, its contractors, its agents, employees or others working at the direction of the City or on the City's behalf to the extent that Department suffers any loss therefrom.
- (b) Notwithstanding the foregoing subparagraph regarding injury to persons or damage of any kind to property, real or personal, directly or indirectly resulting from hunting, the City shall have no responsibility or liability whatsoever for such injuries or damages.

### 8.2 Insurance Requirements

8.2.1 Insurance Certificates. The City shall, prior to taking possession, procure the insurance coverages identified below through commercial insurance or approved self-insurance at the City's own expense and shall furnish the Department an insurance certificate listing the Department as the certificate holder. The insurance certificate must provide the following:

- (a) Name and address of authorized agent
- (b) Name and address of insured
- (c) Name of insurance company(ies)
- (d) Description of policies
- (e) Policy Number(s)
- (f) Policy Period(s)
- (g) Limits of liability
- (h) Name and address of Department as certificate holder
- (i) Contract Name
- (j) Signature of authorized agent
- (k) Telephone number of authorized agent
- (l) Mandatory thirty (30) days notice of cancellation/non-renewal (See 8.2.2(a) below).

8.2.2 Policy Provisions. Each of the insurance coverages required below, procured through commercial insurance, (i) shall be issued by a company licensed by the Insurance Commissioner to transact the business of insurance in the State of Georgia for the applicable line of insurance, and (ii) shall be an insurer (or, for qualified self-insureds or group self-insureds, a specific excess insurer providing statutory limits) with a Best Policyholders Rating of "A" or better and with a financial size rating of Class V or larger. Each such policy shall contain the following provisions:

(a) The insurance company agrees that the policy shall not be canceled, changed, allowed to lapse, or allowed to expire until thirty (30) days after the Department has received written notice thereof as evidenced by return receipt of registered letter or until such time as other insurance coverage providing protection equal to protection called for in this contract shall have been received, accepted, and acknowledged by the Department.

(b) The policy shall not be subject to invalidation as to any insured by reason of any act or omission of another insured or any of its officers, employees, agents or other representatives ("Separation of Insureds").



(c) Each Insurer is hereby notified that the statutory requirement that the Attorney General of Georgia shall represent and defend Department, State of Georgia, their employees and officers remains in full force and effect and is not waived by any policy of insurance. The Attorney General of Georgia shall represent and defend the Department, State of Georgia, their employees and officers. In the event of litigation, any settlement on behalf of the Department, State of Georgia, their employees and officers must be expressly approved by the Attorney General. The City and its insurance carrier may retain, but are not obligated to retain, counsel to assist with the defense of the Department, State of Georgia, their employees and officers, in which case there will be mutual cooperation between the Attorney General and such counsel.

(d) Self-insured retention, except for qualified self-insurers or group self-insurers, in any policy shall not exceed Ten Thousand Dollars (\$10,000.00).

8.2.3 Insurance Coverages. The City agrees to purchase through commercial insurance or approved self-insurance and have the authorized agent state on the insurance certificate that the following types of insurance coverages, not inconsistent with the policies and requirements of O.C.G.A § 50-21-37 have been procured by the City. The minimum required coverages and liability limits are as follows:

(a) Workers' Compensation. The City shall provide Workers' Compensation coverage for its own employees in accordance with the statutory limits as established by the General Assembly of the State of Georgia. A group-insurer must submit a certificate of authority from the Insurance Commissioner approving the group insurance plan. A self-insurer must submit a certificate from the Georgia Board of Workers' Compensation stating that the City qualifies to pay its own workers' compensation claims. The City shall require all subtenants or contractors using the property or performing work under this agreement to obtain an insurance certificate showing proof of Workers' Compensation.

(b) Commercial General Liability Insurance. Commercial General Liability Insurance (2004 ISO Occurrence Form or equivalent), which shall include, but need not be limited to, coverage for bodily injury and property damage arising from premises and personal injury liability. The Commercial General Liability Insurance shall provide at minimum the following limits:

	Coverage	Limit
1.	Premises and Operations	\$1,000,000 per occurrence
2.	Damage to Premises	\$1,000,000 per occurrence
3.	Personal injury	\$1,000,000 per occurrence
4.	General Aggregate	\$1,000,000 per project

All requirements for Commercial and General liability insurance shall be satisfied by the naming of the Department and the City each as an additional insured under the policy provided by the Southern Off-Road Bicycle Association (the "SORBA Policy"), of which the Department is already named an additional insured with respect to the Premises and other Department properties containing trails developed in conjunction with SORBA. In the event that the SORBA Policy is cancelled or not renewed, then the City may propose a replacement insurance policy for the Department's approval which shall not be unreasonably withheld. In the event that an alternative insurance policy is not agreed upon, then the IGA shall terminate effective as of the date the required insurance is no longer of full force and effect.

8.2.4 Termination of Obligation to Insure. Unless otherwise expressly provided to the contrary, the obligation to insure as provided herein shall not terminate until the end of the Term of this Agreement, as such Term may be renewed, modified or extended, or the City shall have vacated the Premises, whichever is the later.

## 9.

### **WARRANTY AND REPRESENTATION**

The City hereby acknowledges that the Department is making no representation or warranty whatsoever as to the title, the condition of or any other matter relating to the Premises. The City will accept the Premises "as is" "whereas" and acknowledges that the Premises are suited for the uses intended by the City or may be made so by the City at no cost to the Department. Notwithstanding this waiver contained in this Section, the City does not waive any beneficial rights arising out of, or from, construction or design defects.

## 10.

### **NATURAL CATASTROPHE**

If at least fifty percent (50%) of the Trail System is destroyed by storm, fire, lightning, earthquake or other casualty, this Agreement may terminate as of the date of such destruction if the City chooses. Damage to the Trail System, or any part thereof, resulting in the destruction of at less than fifty percent (50%) of the Trail System, shall in no way relieve the City from its duties and obligations herein made and agreed to be kept by the City except to the extent those obligations are made impossible to perform, nor shall it otherwise relieve the City of the provisions of this Agreement.

## 11.

### **ASSIGNMENT AND SUBLETTING**

11.1 The City will enter into the Management Agreement which subleases and delegates the management of the Premises to SBI. In the event that the Management Agreement between the City and SBI is terminated, the City will have the option of taking on the responsibilities of this agreement without a local partner or it may contract with a new entity for a management agreement subject to the Department's approval of the new management agreement. Other entities may be authorized by the City or SBI to carry out certain events provided such operation is with the purposes for which the Premises shall be used. Except as provided in the preceding sentence, the City shall not, without prior written consent of the Department, assign this Agreement or any interest hereunder, or sublet the Premises or any part thereof.

11.2 The Department may, without consent of the City, transfer or assign this Agreement or any of the Department's rights or duties hereunder to another agency, department or authority of the State of Georgia. Except as set forth above, no other assignment may be made by the Department without the prior written consent of the City.

## 12. **TERMINATION**

12.1 Either party may terminate this Agreement with forty-five (45) days written notice to the other, if the other party defaults by failing to perform any of its obligations or duties hereunder and such default remains continuing thirty (30) days after such notice. If this Agreement is terminated by the Department pursuant to this provision, the City shall be deemed to have abandoned and surrendered the Premises, and the Department may, without legal process, enter upon and take immediate possession and control of the Premises to the complete exclusion of the City. The failure of either party to exercise such rights after one or more defaults shall not be a waiver of the rights of the party upon any subsequent default.

12.2 In the event that the Management Agreement with SBI terminates and the City does not exercise either of the options spelled out in Section 11.1 above then it may terminate this agreement with forty-five (45) days written notice to the Department.

12.2 The City or the Department may terminate this Agreement for convenience with three hundred sixty-five (365) days written notice to the other.

## 13. **NOTICES**

Notices, requests, demands and other communications provided for hereunder shall be in writing or sent by facsimile transmission to the facsimile number indicated below (which shall be followed by an immediate telephone call

to confirm delivery); mailed by first class United States certified mail, return receipt request; delivered by overnight carrier (such as, but not limited to, UPS, Federal Express or DHL); or personally delivered to the applicable party at the addresses indicated:

In case of City, to: City Manager  
P.O. Box 1340  
Columbus, Georgia 31902-1340

In case of Department, to: Director, State Parks & Historic Sites  
Division  
Ga Department of Natural Resources  
2610 Hwy 155 SW  
Stockbridge, Ga 30281  
Facsimile: (770) 389-7878  
Confirmation: (770) 389-7277

Or at such other address, facsimile or telephone number as time to time is designated by party receiving the notice.

#### 14.

#### **GENERAL PROVISIONS OF THIS AGREEMENT**

14.1 The brief headings or titles preceding each section herein are merely for the purpose of section identification, convenience and ease of reference, and shall be completely disregarded in the construction of this Agreement.

14.2 All time limits stated herein are of the essence of this Agreement.

14.3 Each of the provisions of this Agreement shall apply, extend to, be binding upon and inure to the benefit or detriment of the Department and the City, to the successors and assigns of the Department, and to the extent that the Department has consented to an assignment of this Agreement, to the successors and assigns of the City, and shall be deemed and treated as real covenants running with the land during the term of this Agreement.

14.4 No failure of either party to exercise any right or power given to the other party under this Agreement, or to insist upon strict compliance by the other party with the provisions of this Agreement, and no custom or practice of the Department or the City at variance with provisions of this Agreement shall constitute a waiver of the City or the Department's right to demand exact and strict compliance by the other with the terms and conditions of this Agreement.



14.5 All rights, powers and privileges conferred by this Agreement upon the Department and the City shall be cumulative, and not restrictive, of those given by law.

14.6 Excepting only causes beyond the City's control and for causes and at times permitted hereunder, the City shall not abandon or vacate the Premises during the term of this Agreement. If the City abandons or vacates the Premises for a continuous period of 180 days or more, the City shall be in default of this Agreement.

14.7 The City shall vacate the Premises promptly upon the termination of this Agreement. Any holding over or continued use or occupancy of the Premises by the City after termination of this Agreement without express written consent of Department shall not constitute a Tenancy-At-Will in the City, but the City shall be a Tenant-At-Sufferance and may be required to vacate the Premises immediately without notice.

14.8 If any provisions in this Agreement or any portion thereof should be ruled void, invalid, or unenforceable or contrary to public policy by any court of competent jurisdiction then any remaining portions of such provisions and all other provisions of this Agreement shall survive and be applied, and any invalid portion shall be construed or reformed to preserve as much of the original words, terms, purpose and intent as shall be permitted by law.

14.9 Should any provision of this Agreement require judicial interpretation, it is agreed and stipulated by and between the parties hereto that the court interpreting or construing the same shall not apply a presumption that the provisions hereof shall be more strictly construed against one party by reason of the rule of construction that an instrument is to be construed more strictly against the party who prepared the same.

14.10 In the enjoyment of the use herein granted by the Department to the City and of the rights and privileges incident thereto, the City shall at all times comply with all applicable laws, rules and regulations of the State of Georgia and of the United States, and all applicable local codes, ordinances, rules and regulations. The City shall not in its use and occupancy of the Premises discriminate on the basis of race, gender, color, national origin, religion, age or disability. This provision may be enforced by termination of the Agreement, by injunction, and by any other remedy available at law to the Department.

14.11 No estate in land shall pass out of the Department by virtue of this Agreement.

14.12 Nothing in this agreement shall be construed as waiving any immunity or privilege of any kind enjoyed by the State or State authorities or any

immunity or privilege of any kind enjoyed by any County, Municipality or other local governing authority.

14.13 The parties certify that this Agreement does not and will not violate the provisions of O.C.G.A. § 45-10-20 et seq. in any respect.

14.14 The parties represent that they have the right, power and authority to enter into this Agreement and that no further approvals, permissions, or consents of any sort from any persons or entities are necessary for them to enter into this Agreement.

15.

**MODIFICATIONS AND AMENDMENTS**

No modification of or amendment to this Agreement shall be binding on either party hereto unless such modification or amendment shall be in writing and signed by authorized representatives of both the Department and the City.

16.

**IMPROVEMENTS AND GRANTS**

16.1 Upon commencing use of the Premises, the City may install and operate, at no cost to the Department, in and on the Premises such additional fixtures, trade fixtures, equipment, machinery and appliances as the City shall consider necessary for the permitted purposes hereof; provided that the City complies with all laws, rules and regulations regarding the installation and operation thereof. Except as may otherwise be provided in this Agreement; the City may remove any of its personal property from the Premises without the prior consent of the Department. Upon the expiration or earlier termination of this Agreement, the City shall have one hundred and twenty (120) days within which to remove the City's personal property from the Premises. The City shall repair any damage to the Premises caused by the installation or removal, at any time, of personal property. Any equipment or personal property of the City remaining in the Premises beyond such one hundred twenty (120) day period after the expiration or early termination of the Agreement shall be deemed the property of the Department and may be retained or disposed of by the Department at the Department's discretion without accounting to the City for the proceeds of any sale thereof. The City acknowledges that all equipment and personal property located at or on the Premises will be at the City's risk and the Department shall not be liable for any damage thereto or loss thereof.

16.2 All buildings and other items placed upon the property by the City that are customarily considered to be real property shall remain upon the property at the expiration or earlier termination of the Agreement, and the ownership of such buildings and items shall be vested in the State at that time.

16.3 Other than installing equipment and other personal property as set forth in Section 16.1, the City agrees that no improvements to the Premises, whether new construction, modification, alteration or renovation, either interior or exterior in nature, shall be commenced until plans and specifications for the improvements have been reviewed and approved in writing by the Department and any necessary building permits have been obtained by the City.

16.4 The Department understands that the City or SBI may seek various grants in connection with its use of the Premises pursuant to this Agreement, and the Department agrees to assist the City or SBI as the Department deems necessary in such endeavors.

## 18.

### **RIGHT TO INSPECT AND USE PREMISES**

The Department reserves the right and the City agrees to permit representatives of the Department to enter the Premises at all reasonable times for the purposes of inspecting the Premises and determining compliance with this Agreement.

**IN WITNESS WHEREOF**, the Department and the City, acting by and through their duly authorized hereinafter named officers, have caused these presents to be signed, sealed and delivered all as of the date hereof.

### **GEORGIA DEPARTMENT OF NATURAL RESOURCES**

By: \_\_\_\_\_(Seal)  
Mark Williams, Commissioner

Date: \_\_\_\_\_

(Department Seal Affixed Here)

### **COLUMBUS CONSOLIDATED GOVERNMENT**

By: \_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_

(Commission Seal Affixed Here)



## MANAGEMENT AGREEMENT FOR THE STANDING BOY PRESERVE

The **Columbus Consolidated Government of Muscogee County, Georgia** (the “City”) and **Standing Boy, Inc.**, a Georgia nonprofit corporation (“SBI”), enter into this Agreement regarding the property located in Muscogee County commonly known as Standing Boy Trails or the Standing Boy Preserve (the “Preserve”) effective as of the date provided below.

### BACKGROUND

1. **Intergovernmental Agreement.** The City and The Georgia Department of Natural Resources (the “Department”) have executed concurrently with this Agreement an intergovernmental agreement with an effective date of January 31, 2023 (the “IGA”) that grants the City control of the Preserve for the time period and under the conditions provided therein.
2. **Standing Boy, Inc.** Standing Boy, Inc. (“SBI”) is a Georgia nonprofit corporation that exists to:
  - First, protect and preserve the natural beauty and abundant resources of the Preserve for the benefit of present and future generations;
  - Second, create, maintain, and manage a spectacular natural-surface trail system that is consistent with the natural state of the Preserve; and
  - Third, leverage the natural beauty of the Preserve and the trail system to:
    - (i) support sound forestry management and ecological practices on the Preserve,
    - (ii) foster healthier, happier lives through physical activity in a natural environment, and
    - (iii) promote appreciation, understanding, and stewardship of nature.
3. **The Benefits of the Preserve to the Parties.** The City and SBI both wish to see the Preserve maintained in its natural state and utilized by residents and visitors for outdoor recreation. In addition to the often-recognized benefits of natural-surface trails, such as increasing appreciation for and stewardship of nature and improving overall wellness, the City and SBI believe a high-quality, well-maintained trail system on the Preserve will aid ongoing efforts to attract and retain desirable businesses and workers as well as confer a meaningful economic impact from tourism.

### AGREEMENT

The parties agree as follows for valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

1. **INCORPORATION OF IGA.** The IGA is incorporated into this Agreement and all terms in this Agreement shall have the meanings assigned to them in the IGA.
2. **EFFECTIVE DATE.** This Agreement shall become effective on the Effective Date of the IGA.
3. **OBLIGATIONS AND RIGHTS OF SBI.**

- 3.1. **Construction of Trail System and Trailhead.** SBI shall construct the Trail System and a Trailhead sufficient for the Trail System and may construct Maintenance Facilities as needed, provided that construction of new parking areas or permanent structures (e.g., a shed for tools and equipment) shall require prior approval from the City.
- 3.2. **Events.** SBI may permit organized hikes, runs, rides, or other similar gatherings for which participants must pay an entry or other similar fee (“Events”) on the Trail System and may close all or a portion of the Trail System to the general public during such events, provided that
- (a) All Events shall be subject to trail closures due to poor trail conditions (i.e., the trails are too wet) or otherwise present a danger to public health or safety;
  - (b) All promotional, registration, and other similar materials for an Event must inform participants of the possibility the Event will be cancelled or rescheduled because the Trail System is closed due to trail conditions; and
  - (c) As a condition for the approval of any Event, SBI shall require the event organizer to submit an adequate event plan for the Event, which must demonstrate, as appropriate, adequate provisions for liability issues (including but not limited to insurance) as well as parking, restroom facilities, and removal of all marking tape and litter from all areas of the Preserve, including but not limited to the portion of the Trail System used for the Event.
- 3.3. **Hours of Operation.** SBI shall open and close the Trail System and gate allowing access to the Trailhead so that the Preserve is open and available to the general public in accordance with the IGA. In doing so, SBI shall
- (a) Set regular hours of operation, post such hours at [www.standingboy.org](http://www.standingboy.org), and install signage at the Trailhead directing users to the website for hours of operation; and
  - (b) Determine when use of the Trail System would damage the Trail System to an extent that the Trail System and Trailhead should be closed during regular hours of operation and post notice of such closures are [www.standingboy.org](http://www.standingboy.org);
- provided, however, that the Trail System shall be subject to closure by the City if necessary for public health or safety or other similar reasons.
- 3.4. **Hunting Days.** On days when the Department exercises its authority under the IGA to conduct hunts, SBI, and not the City, shall be responsible for coordinating with the Department to make any adjustments to the management of the Trail System and Trailhead or take any other actions that are necessary to accommodate the joint use of the property on those days.
- 3.5. **Fees and Revenue.** SBI shall impose, collect, and enforce the parking fee contemplated under the IGA and expend the resulting revenue in accordance with the IGA, provided that:
- (a) The parking fee shall be \$5 per day or \$100 per year, with such amounts being subject to change via a separate agreement between the parties;
  - (b) In enforcing the parking fee, SBI shall make reasonable efforts to encourage voluntary compliance and issue warnings to persons who do not pay the parking fee; however, SBI shall have the unqualified right to tow any vehicles for which the parking fee has not been paid assuming that all legally required signage for such towing from private property has been posted; and

(c) To prevent safety issues and support the collection of the parking fee, the City shall prohibit parking in the right-of-way along the portion of Old River Road that is adjacent to the Preserve.

3.6. **Maintenance of Trail System, Trailhead, and Maintenance Facilities.** SBI shall have total responsibility for maintaining and managing the Trail System, Trailhead, and Maintenance Facilities in accordance with the IGA. SBI shall pay all utilities incurred in doing so, including but not limited to power for the automated gate and water for the Trailhead.

3.7. **Rights of SBI are Exclusive.** SBI's rights and responsibilities under Sections 3.1 through 3.6 shall be exclusive.

3.8. **Insurance.** SBI shall

(a) provide for its own employees and require all contractors to provide liability insurance and Worker's Compensation coverage as required under the IGA, and

(b) cause the Department and the City to be named as additional insureds under the SORBA Policy or other general liability insurance policy satisfying the requirements of the IGA.

3.9. **Maintenance of Reserves.** Beginning in 2025, SBI shall make reasonable efforts to establish and maintain a reserve fund of \$50,000.

3.10. **Adherence to IGA; Cooperation with the City.** In the performance of its obligations and duties, SBI shall satisfy all requirements of the IGA and provide to the City any information requested by the City for the purpose of ensuring such compliance.

#### 4. **OBLIGATIONS OF THE CITY.**

4.1. **Law Enforcement and Emergency Response.** The City shall provide all law enforcement and emergency response services for the Preserve, and nothing in this Agreement shall be construed as an assumption by SBI of any responsibilities to retain private security or provide private emergency response.

4.2. **Grants.** Upon request from SBI, the City shall make reasonable efforts to assist SBI in applying for grants and other similar sources of funding by indicating assent to or support for such application, allowing SBI to prepare an application on behalf of the City (with such application being subject to approval by the City), or taking other similar actions; provided, however that the City shall have no additional obligations to assist in the preparation of such application or financially obligate itself with respect to such applications.

#### 5. **LIABILITY, WAIVERS, AND INDEMNIFICATION.**

5.1. **Liability and Indemnification.** SBI hereby releases and indemnifies the City and its representatives, officials, and employees from any and all injuries and damages, to include reasonable attorneys' fees and costs of litigation, suffered by persons using the Trail System and all employees, contractors, volunteers, and other similar persons acting on the Preserve and under SBI's direction.

5.2. **Conditions for Use of Trail System.** SBI shall make use of the Trail System and all volunteer activities contingent upon the assumption of certain duties and risks as well as the release of certain claims as provided in Exhibit A. These rules and terms of use shall be imposed on users and volunteers by posting them on [www.standingboy.org](http://www.standingboy.org) and at the Trailhead. Additionally,

SBI shall require volunteers to sign a release and indemnification similar to Exhibit B, provided that the signing of such release shall not imply that volunteers do not effectively accept the trail rules and terms of use by engaging in volunteer activities. The trail rules, terms of use, and release may be modified by the parties via a separate agreement.

## 6. MISCELLANEOUS PROVISIONS.

6.1. **Communications.** All communications to SBI shall be directed to the Chairperson of Standing Boy, Inc. at trails@standingboy.org. All communications to the City shall be directed to City Manager, P.O. Box 1340, Columbus, Georgia 31902-1340.

6.2. **Duration.** This Agreement shall continue for the duration of the IGA.

### 6.3. Termination.

6.3.1. **For Cause.** The City may terminate this Agreement upon 45 days written notice to SBI if SBI defaults by failing to perform any of its obligations or duties hereunder and such continues for 30 days after such notice. The failure of the City to exercise such rights after one or more defaults shall not be a waiver of the rights of the City upon any subsequent default.

6.3.2. **At Will.** Any party may terminate this Agreement at-will upon 365 days written notice to the other party.

6.4. **Jurisdiction.** This Agreement will be governed in accordance with the laws of the State of Georgia. Both parties submit to jurisdiction and venue in Muscogee County, Georgia. Both parties also agree to acknowledge service upon receipt of process by mail.

6.5. **No Waiver.** No waiver by either party of any default waives any prior or subsequent default of the same or other provisions of this Agreement.

6.6. **Severability.** If any term, clause, or provision of this Agreement is held invalid or unenforceable by a court of competent jurisdiction, its invalidity does not affect the validity or operation of any other term, clause, or provision. The invalid term, clause, or provision is severed from the Agreement.

6.7. **Integration and Amendment.** This Agreement constitutes the entire understanding of the Parties. It revokes and supersedes all prior agreements between the Parties and is a final expression of their Agreement. Unless expressly provided otherwise, it cannot be modified or amended except by a writing signed by the Parties and specifically referring to this Agreement.

6.8. **Headings.** The headings in this Agreement are for convenience only and do not limit, add to, or alter in any manner the substance of any provision.

[ signatures on following page ]



The parties hereby execute this Agreement as of \_\_\_\_\_, 2022.

**COLUMBUS CONSOLIDATED  
GOVERNMENT OF MUSCOGEE  
COUNTY, GEORGIA**

**STANDING BOY, INC.**

\_\_\_\_\_  
By: \_\_\_\_\_

Its: \_\_\_\_\_

\_\_\_\_\_  
Blake Melton, Chair

## **EXHIBIT A:**

### **RULES AND TERMS OF USE**

#### **RULES OF THE TRAIL FOR ALL USERS**

1. **Respect Trail Closures.** Visit [www.standingboy.org](http://www.standingboy.org) for more information.
2. **Leave No Trace.** Don't litter and don't cut corners.
3. **Do Not Alter the Trails.** Instead, volunteer at the next trail workday.
4. **Take Complete Responsibility for Your Safety.** The trails are not an amusement park or fitness facility.
5. **Maintain Control of Your Dog.** For everyone's safety, including your dog's.
6. **Only One Earbud.** You can't be considerate of others if you can't hear them.
7. **Be Nice, Say "Hi."** When you encounter others, be courteous and use common sense.

#### **ADDITIONAL RULES OF THE TRAIL FOR RIDERS**

1. **Wear Appropriate Protective Gear.** Always wear a modern, mountain-bike-specific helmet suitable for the riding you are doing. Depending on your skill level and the riding you are doing, consider knee pads, elbow pads, a full-face helmet, and other body armor. If in doubt, put it on.
2. **Use an Appropriate Bike in Good Repair.** Use a bike appropriate for your skill level and the riding you are doing. Make sure it is in good repair.
3. **Ride Under Control at All Times.** Some trails require advanced skills. Never attempt to ride beyond your current abilities and equipment.
4. **Scout Before You Send.** The trails are natural-surface trails that change daily and are not inspected regularly.

## TERMS OF USE

By entering this property, you voluntarily and willingly affirm and make the following understandings, representations, and agreements, for which your use of this property constitutes adequate consideration.

### **You understand that**

1. This property is a natural environment that entails numerous inherent risks, including but not limited to steep slopes, holes, roots, rocks, unstable or slippery surfaces, falling objects such as branches and trees, poisonous plants, dangerous wildlife, and adverse weather conditions.
2. Many of the trails are designed, constructed, and maintained to difficult physical and technical challenges, which involve high levels of risk, including serious injury or death.
3. Trail characteristics and conditions change regularly as the result usage, erosion, trail work, and other similar factors, the trails are not regularly inspected, and it may be some time before volunteers identify and are able to address damaged sections of trail.
4. Since this property is open to the public, you or your property may be injured by the negligent or intentional actions of other persons.
5. If you have induced a legally incompetent person (including but not limited to a minor) to be upon this property, you are wholly responsible for their conduct and safety.

### **You represent and agree that**

6. You have reviewed and fully comprehend this agreement and the rules of the trail, and you will abide by the rules of the trail at all times.
7. This agreement applies to all activities undertaken on this property, including but not limited trail construction and maintenance or other similar volunteer activities;
8. You are in good health and have the requisite physical fitness, outdoor knowledge, and (if applicable) bike riding experience and skills to enjoy this property in a safe manner.
9. You release and indemnify the Owners from any and all liability or responsibility, including but not limited to attorney's fees and costs, for all injuries or damages directly or indirectly related to use of this property by yourself or legally incompetent persons you have induced to be on this property.
10. The term "Owners" includes the Georgia Department of Natural Resources, Columbus Consolidated Government of Muscogee County, Georgia, Standing Boy, Inc., the Chattahoochee Valley Area chapter of the Southern Off-Road Bicycle Association, and all partners, affiliates, officers, members, employees, volunteers of any of the foregoing.
11. You consent to jurisdiction and venue in Muscogee County, Georgia.

**EXHIBIT B:**  
**VOLUNTEER RELEASE AND INDEMNIFICATION**



## VOLUNTEER RELEASE AND INDEMNIFICATION

The undersigned affirms and makes the following understandings, representations, and agreements as a condition of participation in the volunteer activities, with the opportunity to participate in such activities constituting adequate consideration.

1. Volunteer activities include any and all activities directly or indirectly related to the exempt purposes of the Chattahoochee Valley Area chapter of the Southern Off-Road Bicycle Association or Standing Boy, Inc., regardless of whether such activities occur under the direct supervision either entity or on a property managed or controlled by either entity.
2. Volunteer activities will, without limitation, (i) involve the use of the use and maintenance of dangerous tools or equipment, (ii) be conducted in a natural environment that entails numerous inherent risks, including but not limited to steep slopes, holes, roots, rocks, unstable or slippery surfaces, falling objects such as branches and trees, poisonous plants, dangerous wildlife, and adverse weather conditions, (iii) be undertaken in conjunction with other volunteers, which means you could be injured by the negligent or intentional actions of other volunteers, and (iv) involve risks that include, without limitation, serious bodily injury and death.
3. You will abide at all times by the parameters and safety guidelines for a volunteer activity and will not undertake any activity for which you do not have the requisite fitness, knowledge, or skill.
4. You assume full responsibility for evaluating the safety of and using any tools or equipment provided by you, another volunteer, or a Sponsor.
5. On behalf of yourself and any minors you have induced to engage in any volunteer activity, you release and indemnify the Sponsors from any and all liability or responsibility, including but not limited to attorney's fees and costs, for all injuries or damages directly or indirectly related to the volunteer activity.
6. The term "Sponsor" includes the Chattahoochee Valley Area chapter of the Southern Off-Road Bicycle Association, Standing Boy, Inc., the Georgia Department of Natural Resources, Columbus, Georgia Consolidated Government, and all partners, affiliates, officers, members, employees, volunteers of any of the foregoing.
7. This agreement shall bind your heirs, administrators, successors, and assigns.
8. You consent to jurisdiction and venue in Muscogee County, Georgia.
9. This agreement shall remain in effect until revoked by you in a writing delivered to trail@standingboy.org.

\_\_\_\_\_  
[ sign ]

\_\_\_\_\_  
[print name]

Date: \_\_\_\_\_

Applicable Minors

**File Attachments for Item:****2. METRA FY2024 5303 Grant Application for Planning Assistance**

Approval is requested to authorize the Department of Transportation/METRA to apply to the Georgia Department of Transportation (GDOT) for a capital, planning and operating grant in the amount of \$158,324.00 or otherwise awarded. Approval is also requested to authorize the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.

**Columbus Consolidated Government  
Council Meeting Agenda Item**

Item #2.

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	<b>FY2024 5303 Grant Application for Planning Assistance</b>
<b>AGENDA SUMMARY:</b>	Approval is requested to authorize the Department of Transportation/METRA to apply to the Georgia Department of Transportation (GDOT) for a capital, planning and operating grant in the amount of \$158,324.00 or otherwise awarded. Approval is also requested to authorize the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.
<b>INITIATED BY:</b>	<b>Department of Transportation/METRA</b>

**Recommendation:** Approval is requested to authorize the Department of Transportation/METRA to apply to the Georgia Department of Transportation (GDOT) for a capital, planning and operating grant in the amount of \$158,324.00 or otherwise awarded. Approval is then requested to authorize the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.

**Background:** The City has applied, in the past, for capital, planning, and operating grants offered by the Federal Transit Administration (FTA) and the Georgia Department of Transportation (GDOT). The 5303 Grant being requested is funded in the following manner.

	<b>CAPITAL</b>	<b>PLANNING</b>	<b>OPERATING</b>
<b>State 5303</b>	<b>0%</b>	<b>90%</b>	<b>0%</b>
<b>Local 5303</b>	<b>0%</b>	<b>10%</b>	<b>0%</b>

90% shall be provided to the City by the State. Of the 90% in State funding, GDOT funds 10% and FTA funds 80%. If approved, the City shall provide the required 10% match. GDOT administers the grant on behalf of the State.

**Analysis:**

**Title 49 U.S.C. Section 5303  
(Formerly Section 8)**

<b>GRANT 5303</b>	<b>GDOT</b>	<b>CITY</b>	<b>FTA</b>	<b>TOTAL</b>
<b>PLANNING</b>	<b>\$158,324.00</b>	<b>\$17,592.00</b>	<b>\$0</b>	<b>\$175,916.00</b>

**Financial Considerations:** If approved, the City shall receive \$158,324.00 in State-administered Section 5303 grant funding. This grant shall be used to support public transportation in our community. A ten percent match from the City is required.

**Projected Annual Fiscal Impact Statement:** The funds are designated for Columbus and METRA Transit System to fund transit planning activities.

**Legal Considerations:** Council must authorize the grant application through a resolution. If authorized, the resolution will be included with the grant application. In addition, the resolution authorizes the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.

**Recommendations/Actions:** The City recommends that Council approve the request to apply for this grant and to authorize the City Manager to accept the grant, if awarded, and execute any contracts with the Federal Transit Administration and/or the Georgia Department of Transportation relating to the grant.



## A RESOLUTION

No. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE CITY MANAGER OF COLUMBUS, GEORGIA TO SUBMIT AN APPLICATION FOR, AND IF AWARDED, ACCEPT A GRANT, FROM THE DEPARTMENT OF TRANSPORTATION, UNITED STATES OF AMERICA, AND GEORGIA DEPARTMENT OF TRANSPORTATION, UNDER TITLE 49 U.S.C., SECTION 5303.**

**WHEREAS**, the Secretary of the US Department of Transportation and the Commissioner of the Georgia Department of Transportation are authorized to make grants for mass transportation projects; and,

**WHEREAS**, the FY2024 UPWP indicates the amount of the Section 5303 funds and the state share by the Georgia Department of Transportation as \$158,324.00; and,

**WHEREAS**, the contract for financial assistance will impose certain obligations upon the applicant, including the provision of the City share of the project costs, \$17,592.00; and,

**WHEREAS**, it is required by the U.S. Department of Transportation in accord with the provisions of Title VI of the Civil Rights Act of 1964, that in connection with the filing of an application for assistance under Title 49 U.S.C. the Applicant gives an assurance that it will comply with Title VI of the Civil Rights Act of 1964 and other pertinent directives and the U.S. Department of Transportation requirements there under; and,

**WHEREAS**, it is the goal of the Applicant that Minority Business Enterprise (Disadvantaged Business Enterprise and Women's Business Enterprise) be utilized to the fullest extent possible in connection with this project, and that definitive procedures shall be established and administered to ensure that minority business shall have the maximum feasible opportunity to compete for contracts and purchase orders when procuring construction contracts, supplies equipment contracts, or consultant and other services.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA HEREBY RESOLVES AS FOLLOWS:**

(1)

That the City Manager or his designee, herein referred to as the Official, are authorized to execute and file an application on behalf of the Consolidated Government of Columbus, Georgia with the Georgia Department of Transportation, to aid in the financing of a technical study grant to implement specific items of the FY2024 Unified Planning Work Program;

(2)

That the Official is authorized to execute and file with such application and assurance, or any other document required by the U.S. Department of Transportation and the Georgia Department of Transportation effectuating the purposes of this grant;

(3)

That the Official is authorized to furnish such additional information as the U.S. Department of Transportation and the Georgia Department of Transportation may require in connection with the application or the project;

(4)

That the Official is authorized to set forth and execute Minority Business Enterprise, DBE (Disadvantaged Business Enterprise) and WBE (Women Business Enterprise) policies and procedures in connection with the project's procurement needs; and,

(5)

That the Official is authorized to execute a grant agreement on behalf of the Consolidated Government of Columbus, Georgia with the Georgia Department of Transportation to aid in the financing of a technical study grant to implement specific items of the Columbus, Georgia Unified Planning Work Program.

(6)

That the applicant while making application to or receiving grants from the Federal Transit Administration will comply with the FTA Circular 8100.1D, FTA Certifications and Assurances for Federal Assistance 2019 as listed in this grant application and General Operating Guidelines as illustrated in the Georgia State Management Plan.

(7)

That the applicant has or will have available the required non-federal funds to meet local share requirements for this grant application.

Introduced at a regular meeting of the Council of Columbus, Georgia held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Tucker voting	_____.
Councilor Thomas voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson, Mayor

**File Attachments for Item:**

**3. Columbus Fire and EMS Strategic Plan and Standards of Cover/Community Risk Assessment Update**

Approval is requested for approval of the Columbus Department of Fire and Emergency Medical Services Strategic Plan and Standards of Cover/Community Risk Assessment documents.



**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	<b>Columbus Fire and EMS Strategic Plan and Standards of Cover/Community Risk Assessment Update</b>
<b>AGENDA SUMMARY:</b>	Approval is requested Columbus Fire and EMS is requesting approval of the Columbus Department of Fire and Emergency Medical Services Strategic Plan and Standards of Cover/Community Risk Assessment documents.
<b>INITIATED BY:</b>	<b>Columbus Fire and EMS</b>

**Recommendation:** Approval is requested Columbus Fire and EMS is requesting approval of the Columbus Department of Fire and Emergency Medical Services Strategic Plan and Standards of Cover/Community Risk Assessment documents. These documents are updated annually. The updated Strategic Plan and Standards of Cover will be forwarded to the Mayor, City Council and City Manager's Office.

**Background:** Columbus Fire and EMS initially published its first Strategic Plan in 2002 and Standards of Cover in 2002. The Strategic plan was presented to City Council and adopted March 12, 2002 by Resolution 114-02. The Standards of Cover/Community Risk Assessment was presented to City Council and December 4, 2012 by Resolution 350-12.

**Analysis:** The strategic plan is used to direct the department for future needs and considerations. The Strategic Plan is also a required document for our International Accreditation. The Standards of Cover/Community Risk Assessment document is provided to serve as Columbus Fire and EMS Standards of Response Coverage Plan. The purpose of this document is to define the level of service based on a comprehensive study of the department's historical performance, community risk factors and expectations, and existing and proposed deployment strategies.

**Financial Considerations:** There are no financial obligations.

**Legal Considerations:** Council approval is Required for adoption of Standards.

**Recommendation/Action:** Authorization is requested for the adoption of the Columbus Fire and Emergency Management Service annually revised Strategic Plan and Standards of Cover documents.

**A RESOLUTION**  
**NO. \_\_\_\_\_**

**A RESOLUTION OF THE COUNCIL OF COLUMBUS, GEORGIA, UPDATING THE COLUMBUS DEPARTMENT OF FIRE AND EMERGENCY MEDICAL SERVICES STRATEGIC PLAN AND STANDARD OF COVER/COMMUNITY RISK ASSESSMENT DOCUMENTS.**

**WHEREAS**, Columbus Fire and Emergency Medical Services requests council approval of update to the departments Strategic Plan and Standards of Cover/Community Risk Assessment documents; and,

**WHEREAS**, Columbus Fire and Emergency Medical Services strategic plan is the document used to communicate with the organization the organizations goals, the actions needed to achieve those goals and all of the other critical elements developed during the planning exercise; and,

**WHEREAS**, Columbus Fire and Emergency Medical Services will utilize standards of cover document to assist the department in identifying unique characteristics of our community, apply a methodology to perform an all hazards risk assessment, determine response strategies relative to the community's unique hazard risks, assess the historical quality of emergency response performance, identify specifically quality performance, challenges, and identifies plans for improvement; and,

**WHEREAS**, Columbus Fire and Emergency Medical Services has utilized these two core international accreditation documents to make informed decision on department strategies. The Strategic Plan and Standards of Cover/Community Risk Assessment documents will also assist in the determination of future resources for the department.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA HERBY RESOLVES:**

Effective \_\_\_\_\_ the attached documents have been adopted for Columbus Department of Fire and Emergency Medical Services.

Introduced at a regular meeting of the Council of Columbus, Georgia held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Tucker voting	_____.
Councilor Thomas voting	_____.
Councilor Woodson voting	_____.

**July 2022**

# Columbus Fire and Emergency Medical Services

## **FIVE YEAR STRATEGIC PLAN**

## Contents

### Table of Contents

<b>Executive Summary .....</b>	<b>2</b>
<b>Strategic Planning Process.....</b>	<b>3</b>
<b>COLUMBUS FIRE AND EMERGENCY MEDICAL SERVICES .....</b>	<b>3</b>
Vision Statement, Mission Statement, Statement of Value .....	3
<b>Columbus Consolidated Government.....</b>	<b>4</b>
Community Vision Statement.....	4
Type of Government.....	4
<b>Department Background .....</b>	<b>6</b>
<b>Department Staffing Overview .....</b>	<b>7</b>
<b>Department Divisions .....</b>	<b>8</b>
Community Risk Reduction.....	8
Operations .....	8
Resource Management.....	9
Training.....	9
<b>Budget .....</b>	<b>9</b>
<b>Insurance Services Office .....</b>	<b>10</b>
<b>All Hazard All Emergencies Mutual Aid Agreement.....</b>	<b>11</b>
<b>External Agency Relationships .....</b>	<b>11</b>
<b>Historical Data 2017-2021.....</b>	<b>13</b>
<b>Strategic Planning Process .....</b>	<b>14</b>
<b>Process and Acknowledgements.....</b>	<b>15</b>
<b>Stakeholder Session Results.....</b>	<b>17</b>
<b>Department Stakeholder Session Results.....</b>	<b>18</b>
<b>Programs and Support Services.....</b>	<b>21</b>
<b>S.O.A.R. Analysis.....</b>	<b>22</b>
Strengths.....	22
Opportunities.....	23
Aspirations.....	24
Results.....	24
<b>CPSE 21<sup>st</sup> Century Critical Issues</b>	
<b>Strategic Initiatives / Goals and Objectives.....</b>	<b>26</b>





## *Executive Summary*

The Columbus Department of Fire and Emergency Medical Services (CFEMS) is an all-hazards response agency providing emergency and non-emergency services to the residents, businesses, visitors, and military community of Columbus and Muscogee County. Internationally accredited by the Center for Fire Accreditation International, the CFEMS is results oriented and performance driven. The department seeks to provide world class service to the community by investing in our members and exploring innovative solutions to emerging challenges in emergency services

The Columbus Department of Fire and Emergency Medical Services' Strategic Plan provides a realistic approach that will effectively guide our department's pursuit of excellence for the next five years. The department's goal is to provide emergency and non-emergency services in an effective, fiscally responsible, and compassionate manner. The strategies to achieve our stated vision in the next five years are as follows:

- ***Utilize and Develop Our Members to Their Fullest Potential***
- ***Maximize Available Resources***
- ***Respond to the Growth of Our Community and the Changing Needs of Our Customers***
- ***Leverage Advanced Technology to Improve Safety and Efficiency***
- ***Encourage members to "Think Out of The Box" to Address Challenges***

The success of our strategic plan is contingent upon commitment from our elected officials, citizens (customers) and most importantly our personnel. To ensure an effective implementation of the strategic plan, the department will evaluate its progress on an annual basis. Focus on plan initiatives will reflect the current environment, and adaptations will be reflective of new and emerging opportunities and threats.

While our strategic plan is not based exclusively on funding, several of our goals will require resources from local funding, grants or other sources. We will strive to capitalize on the diverse talents of our personnel to accomplish the goals that do not require funding. It is the intent of the CFEMS to achieve our vision by embracing our values in the execution of our mission.

---

Salvatore J. Scarpa, Fire-EMS Chief  
Columbus Fire and Emergency Medical Services

## ***Strategic Planning Process***

The strategic planning process is conducted annually and includes formalized input from both internal and external customers making the department strategic plan more community driven.

### ***COLUMBUS FIRE AND EMERGENCY MEDICAL SERVICES***

#### **Vision Statement**

To be a model of excellence by developing innovative leaders to meet the evolving needs of the community, thereby setting the standard for other departments through professionalism and commitment to the department mission and core values.

#### **Mission Statement**

The Columbus Department of Fire and Emergency Medical Services is dedicated to the protection of life, property, and the environment by providing professional and courteous service of exceptional quality through incident mitigation, education, and prevention as an all-hazards response agency.

#### **Statement of Values**

We, the members of the Columbus Department of Fire and Emergency Medical Services are committed to the following values in our interactions with coworkers and customers:

- **P**rofessionalism – In application, appearance, and attitude
- **R**espect – For each other, our Department, the Columbus Consolidated Government, and our customers
- **I**ntegrity – Demonstrate honesty and fairness
- **D**iversity – Be open minded and responsive to the uniqueness of our community and department members without regard to race, age, gender, religion, ethnic origin, or sexual orientation
- **E**xcellence – Strive to provide the very best service possible

## ***Columbus Consolidated Government***

The community vision statement for Columbus originates from the City's 2028 Comprehensive Plan and echoes the community's will, expressed during the community involvement process. It is paramount to the strategies and policies outlined in this Plan. The day-to-day decisions of the city over the next 20 years should meet the core ideals of this statement.

### **Community Vision Statement**

The City of Columbus will continue to be a unified city in which all members work together to achieve common goals; and in which individuality and diversity are embraced and respected. It will be a regional center of commerce and culture; a city in which the commitment to growth and economic development is matched by the commitment to the highest quality of life for all citizens.

### **Type of Government**

Columbus, Georgia is a consolidated government, which establishes a single countywide government with powers and jurisdiction throughout the territorial limits of Muscogee County. The Charter of the Columbus Consolidated Government provides for a mayor-council-city manager form of government. The mayor is aided by a city manager that, in the performance of his duties, is responsible to the mayor. The elected mayor, who also serves as the City's Public Safety Director, is a full-time position. The Council consists of ten (10) elected councilor positions of which eight (8) members are elected from established council districts and two (2) are at large elected members.

The Consolidated Government provided by the Charter shall be known as the Mayor-Council-City Manager form of government. The Mayor shall be aided by City Officers, who, in the performance of their duties, shall be responsible and accountable to the Mayor except as otherwise provided in the Charter, by Georgia Law or by Rules of the State Bar of Georgia. Those persons who are deemed to be City Officers are set forth in sec. 4-300 of the Charter, as amended. Section 4-300 states the City Officers of Columbus, Georgia shall consist of the City Manager, the City Attorney, the Chief of the Columbus Police Department, the Chief of the Columbus Fire and EMS Department and the Warden of the Muscogee County Prison, all of whom shall be responsible to and accountable to the Mayor of Columbus, Georgia, except as otherwise provided in the Charter, by Georgia law or by Rules of the State Bar of Georgia.

## ***COLUMBUS, GEORGIA Community Profile***

Muscogee County 2020 Census Demographics	
Population	Total
Population estimates base, April 1, 2020, (V2021)	206,922
Population, 2010	191,122

Age and Sex	%
Persons under 5 years, percent	7.10%
Persons under 18 years, percent	24.70%
Persons 65 years and over, percent	13.70%
Female persons, percent	51.40%

Race and Hispanic Origin	%
White alone, percent	45.20%
Black or African American alone, percent(a)	48.00%
American Indian and Alaska Native alone, percent(a)	0.50%
Asian alone, percent(a)	2.80%
Native Hawaiian and Other Pacific Islander alone, percent(a)	0.20%
Two or More Races, percent	3.20%
Hispanic or Latino, percent(b)	7.70%



## ***Department Background***

The Columbus, Georgia Department of Fire and Emergency Medical Services is rich in tradition with 190 years of service to the citizens of Columbus, Georgia. With a staff of dedicated professionals, the Department provides high quality community risk reduction, fire suppression, emergency medical, hazardous materials response, and rescue services to the citizens and visitors of Columbus from fourteen (14) locations throughout the City.

The Department is currently organized into four (4) divisions: Community Risk Reduction, Operations, Resource Management and Training. The Chief of Fire and Emergency Medical Services is the Chief Administrative Officer and is responsible for the overall operation of the Department. The Chief reports directly to the Mayor who serves as the Public Safety Director.

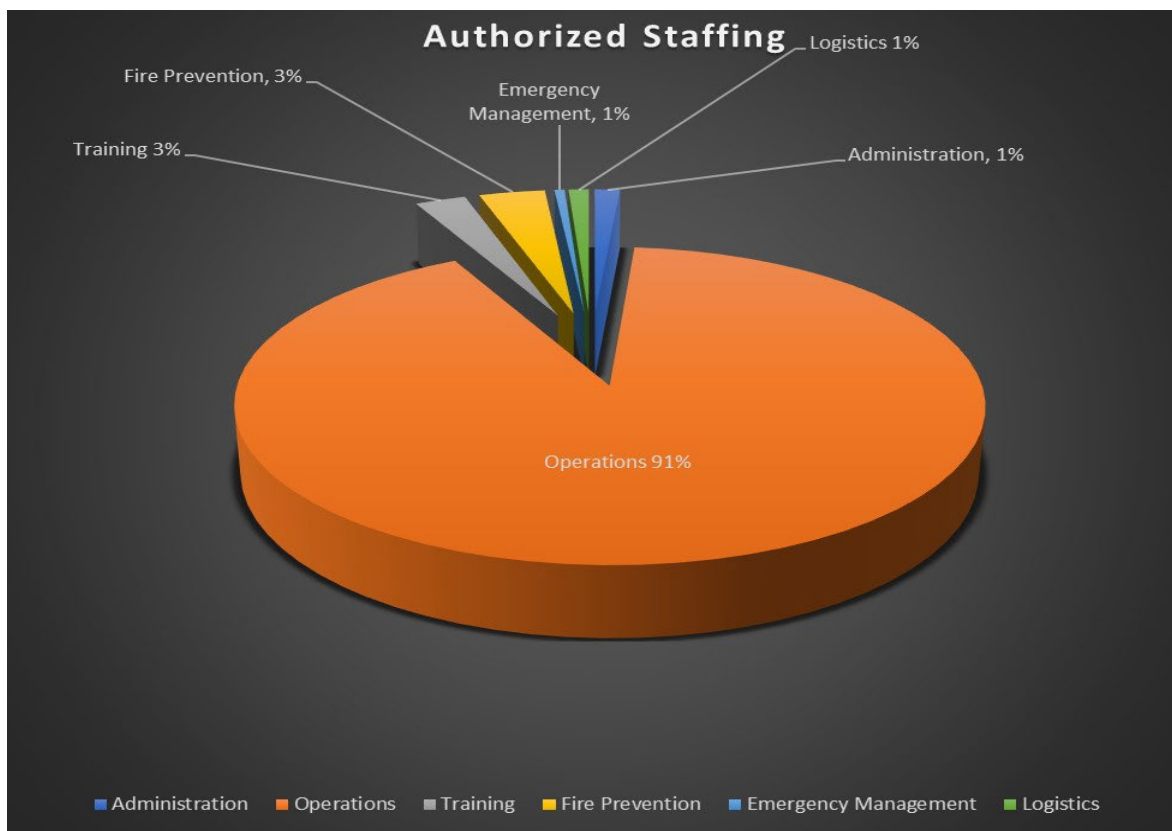
The City of Columbus has a Class 1-1x Public Protection Classification rating through the Insurance Services Office (ISO). The Department has achieved international accreditation through the Center for Fire Accreditation International. The Department currently operates a total of 31 units. Approximately 98% of personnel in the Operations Division trained in Advanced Life Support.

The department began providing paramedic training in 2006 to qualified personnel. In 2017, the CFEMS paramedic program achieved accredited status by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions. The department is striving to achieve a response model that includes - at its core - personnel certified to render the most advanced level of emergency service to the citizens and visitors of Columbus, Georgia.

As the City continues to grow there will be an increase in risks and demand for emergency services. This growth may require deployment of additional facilities, emergency equipment and staffing to effectively meet the community's need for emergency services. The CFEMS will also seek out innovative solutions and partnerships that can meet organizational needs. The Department will continue to work with elected officials, partners, and stakeholders to meet the needs of our community.

## *Department Staffing Overview*

The Department of Fire & Emergency Medical Services is authorized 381 total positions, 374 fulltime-sworn positions, 1 civilians, and 6 clerical positions. The Department maintains 14 stations and 4 support facilities located throughout the city. With a coverage area of approximately 220 square miles, the Department responded to 42,925 emergency alarms in 2021. This represents a 9% increase in call volume from 2018.



## ***DEPARTMENT DIVISIONS***

### **Community Risk Reduction**

- Community Risk Reduction (CRR) is responsible for the enforcement of life safety codes, issuance of permits, and plan review for suppression/detection systems, flow tests, new hydrant placement, and conducts life safety inspections. CRR personnel are involved with numerous fire and life safety initiatives that improve the safety of our citizens. These programs include the following: free home safety survey, residential carbon monoxide checks, school fire safety education, juvenile fire setter program, free smoke alarm installation, and community improvement projects. The Division utilizes a mobile fire safety house trailer to enhance the public fire education program in schools.
- The division maintains a Georgia certified law enforcement agency. This division also investigates fires for origin and cause. The division is responsible for coordinating with the District Attorney's office for the prosecution of fire related criminal activity and responds to customer inquiries and complaints. The division is aided by an accelerant detection K-9.

### **Operations**

- The Operations Division is responsible for delivering fire suppression, emergency medical services, and specialized rescue services to include hazardous materials emergency response, high angle rescue, confined space rescue, trench rescue, and water rescue/recovery to the community. The division has a total staff of 348 sworn personnel. The city is divided into three battalions with a minimum of 95 personnel on duty per shift. Personnel work a 24/48- hour work schedule. The Division responds multiple units to the majority of approximately 57,000 emergency responses annually. The division operates from fourteen stations which, house a total of thirteen engine companies six ladder companies, three command vehicles, two squad companies, one Georgia Search and Rescue (GSAR) heavy rescue unit, and twelve advanced life support ambulances (six of which are operated by private ambulance services). The Operations Division is managed by one Deputy Chief that oversees the day-to-day operations and one Rescue Captain/coordinator that manages all special operations' resources (including training and equipment) and assists in Special Operations incidents.

The division has infrared imaging systems on every engine, ladder and squad throughout the department. Each apparatus is equipped with an automatic external defibrillator (AED) and a full complement of medical first responder equipment. Extrication equipment is placed strategically throughout the city for accessibility and is located on every ladder company, both squad companies, and Engine 15.

Ambulances are supplied with the required Georgia Department of Health equipment.

## Resource Management

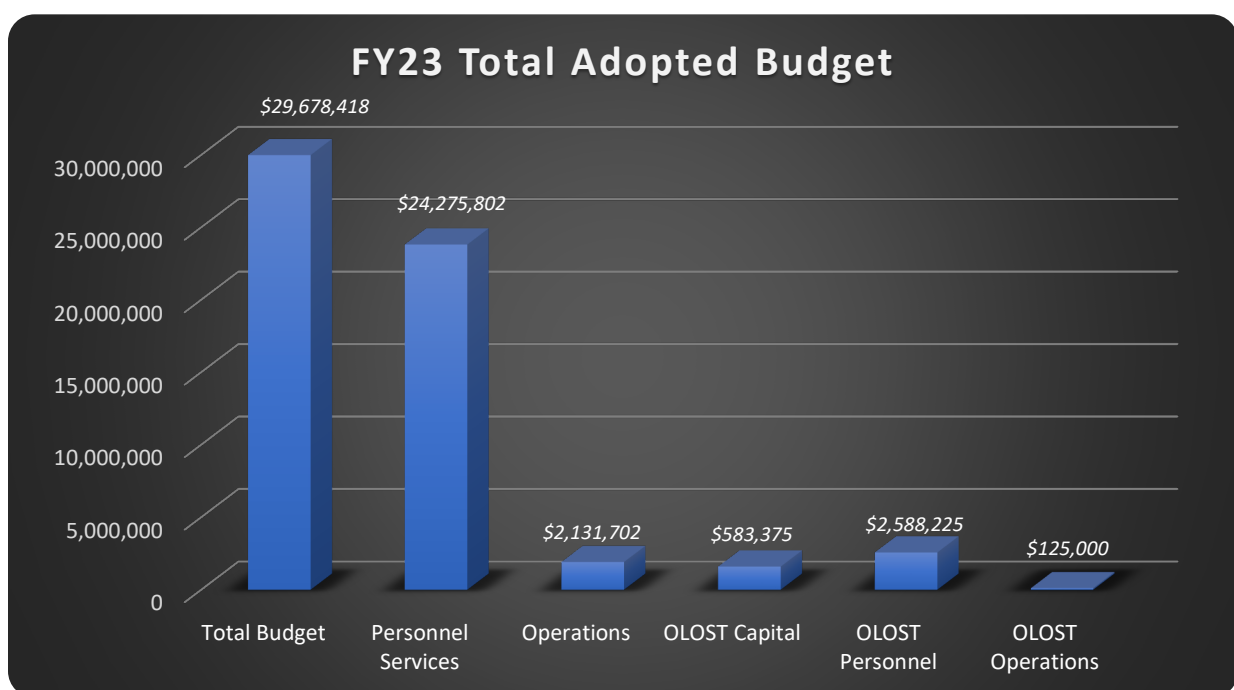
- The Resource Management Division is responsible for the budget process to include research/development, procurement, bid specifications, and ensuring the efficient repair/replacement of all emergency equipment assigned to the department. The division works closely with other city departments to ensure the efficient repair of the department's facilities and vehicles. The division supplies fourteen stations and four support facilities with emergency and non-emergency equipment and is responsible for all records pertaining to the repair/replacement of all personal protective equipment. This includes the required testing, repair, and replacement of self-contained breathing apparatus. The division provides rehabilitation services at emergency incidents and is responsible for issuing uniforms and personal protective equipment to all sworn personnel.

## Training

- The Training Division conducts and coordinates all department training activities including but not limited to recruit training, fire suppression, emergency medical, rescue, officer development and other training programs as necessary to meet established state and federal mandates each year. The division is responsible for ensuring that all department members meet the requirements as set forth by the National Fire Protection Association (NFPA), Insurance Services Office (ISO), Georgia Firefighter Standards and Training, Columbus Consolidated Government, Georgia Department of Health, and the internal requirements of the Department of Fire and Emergency Medical Services.

## Budget

The Department is funded through the Columbus Consolidated Government's General Fund Budget. The Department's fiscal year 2022 approved budget including OLOST is \$29,678,418





## ***Insurance Services Office***

The City (Fire/EMS, 911 Dispatch and Columbus Water Works) were re-evaluated by the Insurance Services Office (ISO) in March of 2017 and are due for a visit in 2022. The new public protection classification of 1- 1x became effective September 1, 2017.

### **Planning:**

- Any proposed additional stations and unit assignments will be determined annually based on statistical data from the population densities, heat maps and the department's benchmark and baseline standards.

### ***Current Station and Emergency Vehicle Locations (Macon)***

2022

<b>Station Locations</b>	<b>Units Assigned</b>
Station One – 10 <sup>th</sup> Street	B1, E1, L1, M1, R-1, R-2
Station Two – 33 <sup>rd</sup> Street	E2, M2, RE-2, RE-9, M-22
Station Three- American Way	E3, M3
Station Four – North Oakley Drive	E4, L4, M4
Station Five – Lynch Road	E5, M5, RE5
Station Six – Brown Avenue	E6, L6, M6, S6, D6
Station Seven – Buena Vista Road	E7, M7
Station Eight – Whitesville Road	E8, L8, M8, B2
Station Nine – Macon Road	E9, M9, GSAR
Station Ten – Benning Drive	E10, L10, M10, M16
Station Eleven – Warm Springs Road	E11, S11, M11
Station Twelve- Cargo Drive	L12, B3
Station Fourteen – Old River Road	E14, Command Bus
Station Fifteen – McKee Road	E15, RL15
Logistic Support – 3 <sup>rd</sup> Ave	RM-1, RM-2, RM-3, RM-4

## ***All Hazard All Emergencies Mutual Aid Agreement***

The Emergency Management Office maintains all hazard/all emergencies mutual aid agreements with local, state and federal agencies to provide for additional assistance and resources to this jurisdiction in the event of a disaster. These agreements are reciprocal in scope and clearly define the Department's responsibilities, limitations and liabilities in the event these agreements become activated. The Department is also a member agency of the Georgia Mutual Aid Group and is designated as Georgia Search and Rescue (GSAR) Task Force 9. These agreements have been adopted by the governing authority and signed by the Mayor.

Through these agreements, the Department has immediate access to additional equipment and staffing to respond to and mitigate major emergency situations in the most cost efficient manner possible. The agreements are mutually beneficial to Columbus and the surrounding communities.

The Department does not maintain an automatic aid agreement with any agency. This is due primarily to the fact that the surrounding departments are either not strategically located or staffed to respond within our jurisdiction in a timely manner.

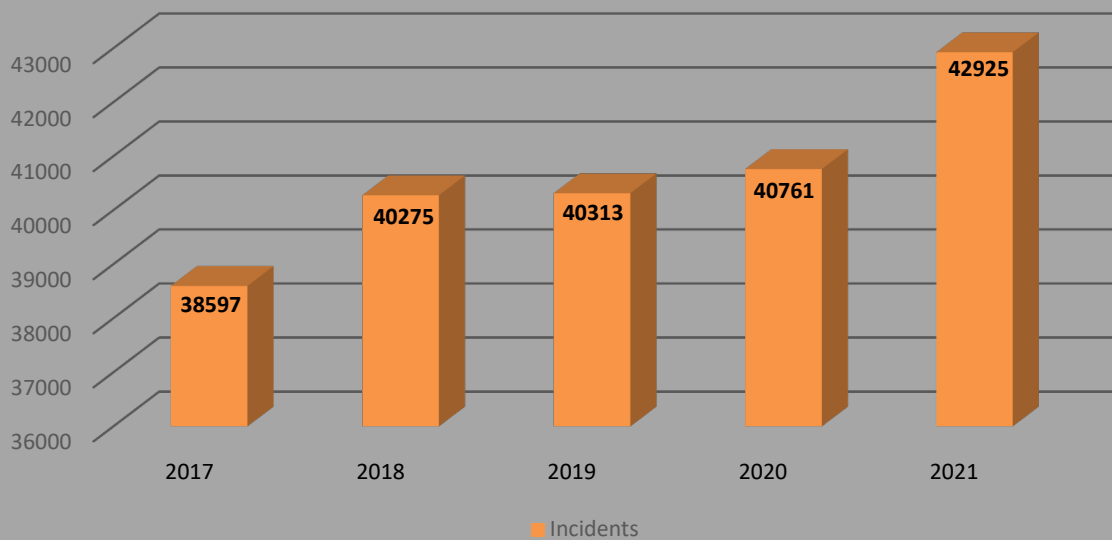
## ***External Agency Relationships***

An integral part of the Department's success in meeting the needs of our citizens is our relationship with external support agencies. These agencies function as partners in our effort to provide quality emergency service to the community. These partners include but are not limited to the American Red Cross and Salvation Army.

The Red Cross and Salvation Army work closely with the Department in meeting the critical needs of families who have lost their home due to fire or other emergencies. The Red Cross provides temporary shelter and other resources for families during crisis situations. The Salvation Army is available on long term operations to respond and provide emergency responders support by providing meals and drinks.

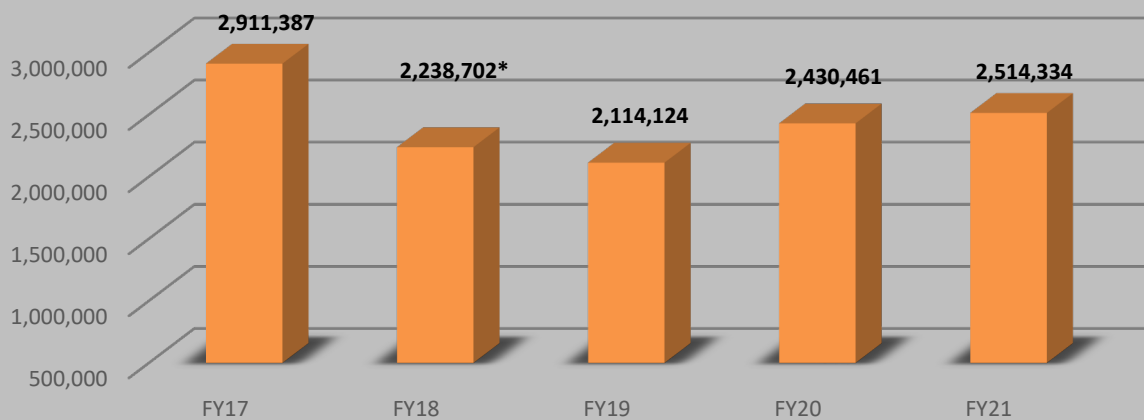
### Historical Data 2017-2021

#### 5-Year Fire and EMS Emergency Alarms



**\*The alarm history is determined by the last incident number of each year.**

#### 5 Year History Revenue



**\* The drop in revenue in FY 18 was due to adding two additional private ambulances.**

## ***Strategic Planning Process***

A key element of the CFEMS's organizational philosophy is having a high level of commitment to the community, as well as recognizing the importance of community. The community-driven strategic planning process seeks input from the community, internal and external stakeholders, and department members. The process helps the department figure out where we are going, how all participating parties can work together for the better service delivery, and how progress toward goals that can be measured.

### **The Community-Driven Strategic Planning Process**

1. Define the programs provided to the community.
2. What are the community's service program priorities and expectations of the organization?
3. What are the community's concerns about the organization, as well as positive feedback and strengths of the organization?
4. Department stakeholder sessions to revisit the mission statement, values statement, and vision statement of the organization.
5. Identify the internal Strengths and Opportunities of the organization.
6. Identify organization Aspirations and Results.
7. Identify the organization's critical issues and service gaps.
8. Determine strategic initiatives for organizational improvement.
9. Establish a realistic goal and objectives for each initiative.
10. Identify implementation tasks for the accomplishment of each objective.
11. Develop organizational and community commitment to accomplishing the plan.



## ***Process and Acknowledgements***

The Department of Columbus Fire and Emergency Medical Services wants to acknowledge and thank the community, our internal and external stakeholders, and department members for their invaluable participation in the strategic planning process. Beginning in March 2022, meetings were held with community stakeholders to include a diverse group of citizens who live or work within the department's response area. A subsequent internal stakeholder meeting was held for government officials and city department representatives. An external stakeholder session was then held for CFEMS partners to include hospitals, educational partners, media, mutual aid, etc. A CFEMS members session compiled the results of these meetings to create our current plan.

Community Stakeholders		
Scott Ressmeyer	Cassie Higgins	James Hillenbrand
Butch Jordan	John Anker	Ron Jones
Laura Lowe	Mak Son	Greg Lang
Elaine Gillespie	Valerie Ward	Kevin Loncher



External Stakeholders		
Chris Peltier	Jason Ritter	Tim Seigal
Joe Robinson	Kenny Harrison	Dr. Jeffrey Bohler
Scott Hill	Andrea Owen	Dr. Ben Kamau
Jeremy Bolen	Melody Trimble	Andre Parker
Dr. Kermelle Hensley	Pam Fair	Kevin Clarke

Internal Stakeholders		
Skip Henderson	Curtis Lockett	Jeremy Cummings
Isaiah Hugley	Drale Short	Darrell Enfinger
Bruce Huff	Andrea Owen	Reather Hollowell
Judy Thomas	Angelica Alexander	Skip Hansberger
Freddie Blackmon	Kevin White	John Broom
Jeremy Miles	Holi Browder	Donna Newman
	Aveana Jackson	



## Stakeholder Session Results

Community satisfaction is paramount to a successful community-driven strategic plan. The department conducted three feedback sessions that included community stakeholders, internal stakeholders (government officials and city department representatives), and external stakeholders (wide variety of department community partners) to provide feedback in the areas of prioritization of services, expectations, concerns, and positive feedback/strengths of the organization. Results from the community, internal, and external stakeholder sessions allowed the department to garner a better understanding of identified gaps in current delivery of services.

### Stakeholder Groups Priority of Services Provided

To ensure the department focuses time, effort, and resources to services our stakeholders determined to be of highest priority, the department asked the stakeholders to prioritize services offered by the department through a process of direct comparison. Results are listed below:

#### Community Stakeholders

Program	Ranking	Score
Emergency Medical Services	1	77
Fire Suppression	2	65
Technical Rescue	3	60
Tactical Medic	4	45
Hazardous Materials Mitigation	5	36
Domestic Preparedness Planning and Response	6	33
Public Fire and Life Safety Education	7	31
Community Risk Reduction	8	26
Fire Investigations, Cause and Origin	9	19

#### Internal Stakeholders

Program	Rank	Total
Emergency Medical Services	1	95
Fire Suppression	2	91
Technical Rescue	3	86
Hazardous Materials Mitigation	4	63
Tactical Medic	5	56
Domestic Preparedness Planning and Response	6	29
Community Risk Reduction	7	28
Fire Investigations, Cause and Origin	8	28
Public Fire and Life Safety Education	9	19

#### External Stakeholders

Program	Rank	Total
Emergency Medical Services	1	102
Hazardous Materials Mitigation	2	93
Fire Suppression	3	88
Technical Rescue	4	86
Tactical Medic	5	73
Domestic Preparedness Planning and Response	6	55
Fire Investigations, Cause and Origin	7	46
Public Fire and Life Safety Education	8	39
Community Risk Reduction	9	29

### Stakeholder Expectations

Insight into what stakeholders expect from the organization is critical in the development of a comprehensive strategic plan. Topping all prioritization of services lists were the emergency services the department provides to the citizens of Columbus. The top expectation was a quick response to community calls for assistance. Other top expectations were community safety and education, well trained personnel, and community involvement. The department will focus on all critical areas of operations. Changes to the current delivery model are being explored to provide the highest level of medical certification to the scene in a timelier manner. All prioritized stakeholder expectations can be viewed in Appendix A.

### Community Concerns

Stakeholders were asked to list in priority order their concerns about the organization. The top three concerns across all stakeholder groups were adequate trucks and equipment, staffing, and personnel health and safety. The concerns have been recognized and addressed through identified strategic initiatives. Stakeholder concerns are listed in Appendix B.

### Positive Feedback/Strengths

Stakeholder positive feedback assured the department that members are well respected by the community and city leaders. Feedback on the professionalism, leadership, community engagement, and well-trained personnel topped the list of strengths. The department will continue to engage stakeholders through communications and community outreach to improve service delivery efforts.



## Department Stakeholder Session Results

The department stakeholder sessions were conducted over two days. The sessions focused on revisiting the department mission statement, values, vision, core programs, support services, as well as performing a Strengths, Opportunities, Aspirations, and Results (SOAR) analysis. For most activities, personnel were divided into three separate groups for more controlled discussion. Diverse representation from all levels of the organization participated to ensure the best possible feedback.

Department Stakeholders		
Sal Scarpa <i>Chief</i>	Tim Smith <i>Assistant Chief</i>	Daniel Hord <i>Deputy Chief</i>
Brian Nobles <i>Deputy Chief</i>	Jay Hazen <i>Division Chief</i>	John Shull <i>Fire Marshal</i>
Ronald Jones <i>Battalion Chief</i>	Lance Smith <i>Captain</i>	Ed Whitaker <i>Captain</i>
Clayton Moore <i>Captain</i>	Keila Stewart <i>Lieutenant</i>	Jimmy Bloodworth <i>Lieutenant</i>
Daniel Holland <i>Lieutenant</i>	James Brown <i>Lieutenant</i>	Jennifer Smith <i>Sergeant</i>
Tim Farley <i>Sergeant</i>	Justin Reynolds <i>Firemedic</i>	Randee May <i>Firemedic</i>
	Courtney Brown <i>Firefighter</i>	



## Mission

The purpose of a mission statement is to answer the following questions:

- Who are we?
- Why do we exist?
- What do we do?
- Why do we do it?
- For whom?

The group revisited the departments current mission statement to ensure all above questions were answered. Following group discussions, the decision was made to change our mission statement to better reflect the modern role of our agency.

**The Columbus Department of Fire and Emergency Medical Services  
is dedicated to the protection of life, property, and the environment by providing  
professional and courteous service of exceptional quality through incident mitigation,  
education, and prevention as an all-hazards response agency.**

## Values

Values represent the expected behavior of members in the execution of our mission. Through the brainstorming session, a consensus decision was made to modify our core values to better reflect our organizational expectations.

<b>Professionalism:</b>	In application, appearance, and attitude
<b>Respect:</b>	For each other, our Department, the Columbus Consolidated Government and our customers
<b>Integrity:</b>	Demonstrate honesty and fairness
<b>Diversity:</b>	Be open minded and responsive to the uniqueness of our community and department members without regard to race, age, gender, religion, ethnic origin, or sexual orientation
<b>Excellence:</b>	Strive to provide the very best service possible

Columbus Fire and Emergency Medical Services personnel are held to the highest of standards and guided in their action by the department's mission statement and values. The mission statement and values will be evaluated on an annual basis to ensure they remain relevant.

## *Programs and Support Services*

<b>Core Programs of Columbus Fire and EMS</b>		
Fire Suppression	Emergency Medical Services	Fire Investigation, Cause and Origin
Technical Rescue	Community Risk Reduction	Tactical Medic
Public Fire and Life Safety Education	Hazardous Materials Mitigation	Disaster Preparedness Planning and Response

<b>Supporting Services of Columbus Fire and EMS</b>	
Local Hospitals	Law Enforcement
Fleet Maintenance	Air Transport
Parks and Recreation	Wrecker Service
American Heart Association	Public Works
American Red Cross	Poison Control
Water Works	Utilities
Local Churches	Regional Health
Center for Disease Control	City Council
National Response Center	Local Businesses
State Fire Marshal Office	Muscogee County School District
International Fire Code	Coroner's Office
National Weather Service	Forestry (State)
Housing Authority	National Registry
University Systems	City Finance Dept.
Georgia Department of Public Health	City Purchasing Dept.
Georgia Bureau of Investigations	Mutual Aid
State Representatives	EMS Care/Community Ambulance
Fort Benning Military Reservation	Public Health
Georgia Mutual Aid Group	United Way
Chemical Transportation Emergency Center (CHEMTREC)	Georgia Firefighter Standard Training Council
Area Transportation Services	Dispatch (911)
Federal Emergency Management Agency	City Attorney
Environmental Protection Agency	Judicial System
Georgia Emergency Management Agency	Local Restaurants
Department of Natural Resources	Drug Enforcement Agency
Georgia National Guard	Georgia Public Safety Training Facility
Mayor's Office	Local Media
Pastoral Institute/New Horizons	Chamber of Commerce/Uptown
NFPA/IAFC/CPSE	Ronald McDonald House
Trade Center/Civic Center	State Farm
Visitors Bureau	Local NGO's (Safehouse, Hope Harbor)

## ***S.O.A.R. Analysis***

A SOAR analysis template is structured as a simple 2 x 2 matrix, resulting in four quadrants highlighting **S**trengths, **O**pportunities, **A**spirations, and **R**esults. This is a simple but effective strategic planning tool that identifies the strengths of our organization and how these can be leveraged against existing opportunities. We are able to define our aspirations, what we hope to achieve in the future and what results we want to measure. The SOAR analysis template allowed our personnel to brainstorm independently and collaboratively, prioritize our most important aspects, and provided us with a formative process from ideation to execution. Any perceived department weaknesses were reframed as opportunities for improvement.

### **Strengths**

Identifying organizational strengths is essential to ensuring the ability to meet the expectations of our community. Department stakeholders were asked to identify what the department does well, key assets, resources, capabilities, and accomplishments when brainstorming organizational strengths. The following questions were posed to help generate ideas:

- What do we excel at?
- What are our greatest accomplishments?
- What are we most proud of?
- What makes us unique?
- What strengths are most valuable in the Fire/EMS service today?

<b>Strengths of Columbus Fire and Emergency Medical Services</b>	
Our Personnel	Leadership
In-House Accredited Paramedic Program	Technical Resources/Teams
Acceptance of Diversity	Adapting to Change
Mentorship Program	Community Education
Community Outreach	Training Facility
Service Delivery	All-Hazards Agency
Strong Public Image	Morale/Employee Buy-In
Communications	Transparency at All Levels
Accreditation	ISO Rating
Doing More with Less	Progressive Momentum
Citizen Fire Academy	Fire Recruit Training
Acquiring New Apparatus	Hydrant Coverage
Customer Service	Chaplaincy Program
State-of-the Art EOC	Internal and External Partnerships
Professionalism	Support of County Officials



## **Opportunities**

Opportunities are circumstances that we can leverage for success (e.g. to improve service delivery, improve member safety, improve training opportunities, etc.). The following questions were posed to the group to elicit the best possible opportunities.

- What partnerships would lead to greater success towards accomplishing future goals?
- What changes and trends in the fire service align with department strengths?
- What weaknesses or threats do we see that we could frame as opportunities?
- What external and internal stakeholder needs and wants are we currently not fulfilling?
- What are gaps within the department that need to be filled?

<b>Opportunities for Columbus Fire and Emergency Medical Services</b>	
Community Involvement	Community Partnerships
Shortage of Paramedics	Hiring Quality Personnel
Mental Health Education and Resource Availability	Increased Call Volume - QRV's, Community Paramedicine
Pension/Retirement Changes	Pay Compression Gap
Communications - continue bridging gap - field/command	Sufficient Apparatus - standardization of equipment
Cross Training	Innovative Decision Making
Updating Technology	Continue to Improve Morale
Fleet Maintenance/RFP	Officer led in-house hands-on training
Marketing Department Success	Staffing Issues
Station Repairs	Mentorship/Leadership Training
Clinical Hrs. - Mental Health	Revisit Territory Boundaries
Dispatch Center	Annual Mental Health Screenings
Life Coaching for New Hires	Regional Swift Water Training
Grants - Equipment/Health	Social Media Outlets
Certification Pay	Restructuring Response

## **Aspirations**

Aspirations are an expression of what you want the department to be and achieve in the future. A vision to build on current strengths, provide inspiration, and challenge what we do currently. The following questions were posed to department stakeholders:

- What do we want to achieve in the future?
- What should our future department look like?
- How can we make more of a difference in the delivery of services to the community?
- What are we passionate about?
- What strategies and actions support our perfect future department?

<b>Aspiration of Columbus Fire and Emergency Medical Services</b>	
Officer Development	Health and Safety of Personnel
Staffing - Recruitment/Retention	Continue with Innovative Leadership
Continue with Upward Morale	Diversity at All Ranks
QRV's, Community Paramedicine	EMT Dispatchers
Improve Response Efforts	Accountability
Expand Public Education	Incentive Pay/Benefits
Healthy Fleet /Fleet Maintenance Program	Enhance Community Relations/Outreach
Connect with Community Resources	Increase Personnel Involvement in Decision Making Process.
Self Sufficient	In-House Data Analyst

## **Results**

Results are tangible outcomes and measures that demonstrate the department has achieved its goals and aspirations. Results are documented through the departments strategic initiatives, goals, and objectives.









## ***Vision***

After completing the SOAR analysis, the group was asked to review the current vision statement. Following the group brainstorming session and collective discussion, the group decided to enhance the department vision statement:

To be a model of excellence by developing innovative leaders to meet the evolving needs of the community, thereby setting the standard for other departments through professionalism and commitment to the department mission and core values.

## ***CPSE 21<sup>st</sup> Century White Paper***

Columbus Fire and Emergency Medical Services (CFEMS) referenced the 21<sup>st</sup> Century Fire and Emergency Services White Paper when developing department strategic initiatives. The White Paper is a collaborative initiative by the Center for Public Safety Excellence and the International City Managers Association. It identified eight critical issues facing fire and emergency services in the next 30 years. Below is a list of the eight critical issues. The CFEMS Strategic Plan references these critical issues with each strategic initiative.

CPSE 21st Century White Paper Critical Issues		
Critical Issue A	RE-IDENTIFICATION	
Critical Issue B	CULTURE	
Critical Issue C	ROBUST USE OF DATA	
Critical Issue D	HEALTH AND WELLNESS	
Critical Issue E	PARTNERSHIPS	
Critical Issue F	SUSTAINABILITY	
Critical Issue G	TECHNOLOGY	
Critical Issue H	INCLUSIVENESS	




## Strategic Initiatives

Considering all stakeholder feedback, the following critical issues and gaps were identified as the basis for the development of department goals and objectives.





Critical Issues/Gaps of Columbus Fire and Emergency Medical Services	
Fleet Maintenance	Delivery of Services
Professional Development	Technology
Community Risk Reduction Efforts	Health, Wellness, and Safety of Personnel






## Goals and Objectives





To address the identified critical issues and gaps, CFEMS has established SMART goals and objectives that will allow for a focused effort that gives clear guidance for goal completion. Regular meetings will be held to assess progress and adjust timelines if needed. Results will be shared through the department quarterly report.





Goal 1	Maintain a sustainable fleet to ensure the needs of the community are being met.
CPSE 21 <sup>st</sup> Century White Paper Critical Issues	  
Objective 1A	Identify current fleet maintenance needs and overall status of apparatus.
Timeframe	12 months/ongoing      Assigned to: Deputy Chief / Resource Management
Critical Tasks	<ul style="list-style-type: none"> <li>• Complete a condition assessment twice a year</li> <li>• Complete the RFP process for vehicle maintenance and repair mechanics</li> </ul>
Objective 1B	Review current policies and develop new policies.
Timeframe	12 months      Assigned to: Deputy Chief / Resource Management
Critical Tasks	<ul style="list-style-type: none"> <li>• Review current fleet policies to ensure they are still relevant and make any necessary changes</li> <li>• Develop a fleet maintenance SOG</li> <li>• Create an in-house maintenance tracking program</li> </ul>
Objective 1C	Find solutions to improve the life of apparatus.
Timeframe	12 months      Assigned to: Deputy Chief / Resource Management
Critical Tasks	<ul style="list-style-type: none"> <li>• Implement an apparatus rotation schedule</li> <li>• Standardize equipment throughout fleet</li> </ul>








Goal 2	Create a professional development process that establishes pathways for recruitment and advancement of highly trained and effective personnel.			
CPSE 21 <sup>st</sup> Century White Paper Critical Issues				
Objective 1A	Create a succession plan for all ranks/divisions.			
Timeframe	12 months/ongoing	Assigned to: Deputy Chief / Training		
Critical Tasks	<ul style="list-style-type: none"><li>• Review all divisions within the department to identify skillsets</li><li>• Create pathways for career tracks</li><li>• Create a succession planning /professional development SOG</li></ul>			
Objective 1B	Enhance the Mentorship program			
Timeframe	12 months	Assigned to: Deputy Chief / Training		
Critical Tasks	<ul style="list-style-type: none"><li>• Identify highly motivated personnel to become mentors</li><li>• Develop a mentorship guideline</li><li>•</li></ul>			
Objective 1C	Improve processes created for recruitment to ensure selection of most qualified individuals.			
Timeframe	24 months	Assigned to: Deputy Chief / Resource Management		
Critical Tasks	<ul style="list-style-type: none"><li>• Maintain and enhance partnership with the Muscogee County School District, Columbus Tech, and Ft. Benning in the recruitment process.</li><li>• Maintain and enhance the departments Citizen Fire Academy</li><li>• Recruit to become more reflective of the community served.</li></ul>			
Objective 1D	Assess and identify trends related to retention and inclusiveness of department members.			
Timeframe	36 months	Assigned to: Deputy Chief / Resource Management		
Critical Tasks	<ul style="list-style-type: none"><li>• Develop an exit interview SOG</li><li>• Collect data for analysis.</li><li>• Develop a plan to improve retention based on data collected.</li><li>• Work to create a more inclusive workplace to ensure all members feel welcome and appreciated.</li></ul>			

<b>Goal 3</b>	<b>Expand employee health programs to include fitness and diet, mental health, and cancer prevention to improve employee overall health and create a culture of health.</b>	
<b>CPSE 21<sup>st</sup> Century White Paper Critical Issues</b>	    	
<b>Objective 3A</b>	<b>Implement a mandatory physical fitness program.</b>	
<b>Timeframe</b>	24 months/ongoing	Assigned to: Deputy Chief / Health & Safety
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research industry standards when developing fitness program and establishing standards of measurement.</li> <li>• Maintain partnership with Columbus State University Exercise Science department to aid in program development and implementation.</li> <li>• Develop a fitness tracking program to aid in identifying individual fitness needs.</li> <li>• Increase the number of peer fitness trainers to aid in program development, implementation, and individual fitness plans.</li> <li>• Develop measurement standards for the Combat Challenge (department annual physical fitness testing).</li> </ul>	
<b>Objective 3B</b>	<b>Reduce cardiovascular health risks</b>	
<b>Timeframe</b>	12 months/ongoing	Assigned to: Deputy Chief / Health & Safety
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Work with Health and Safety Committee to distribute educational information on employee nutrition and cardiovascular health.</li> <li>• Continue to provide incumbent and annual physicals for personnel.</li> <li>• Offer Low-Dose CT scans for personnel 40 years of age and older.</li> </ul>	
<b>Objective 3C</b>	<b>Reduce employee risk of cancer.</b>	
<b>Timeframe</b>	12 months/ongoing	Assigned to: Deputy Chief / Health & Safety
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Offer the newly approved OneTest blood test for cancer in annual blood testing.</li> <li>• Offer Low-Dose CT scans for personnel 40 years of age and older.</li> <li>• Hold personnel accountable to perform gross decontamination when exposed to products of combustion.</li> <li>• Hold personnel accountable for utilizing extractors to clean gear following exposure to products of combustion.</li> </ul>	
<b>Objective 3D</b>	<b>Enhance mental health awareness and available resources.</b>	
<b>Timeframe</b>	24 months/ongoing	Assigned to: Deputy Chief / Health & Safety
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research annual mental health screenings for firefighters and implement a program.</li> <li>• Offer personnel support incentives such as The BOX, FOR-U, and PACT.</li> <li>• Establish a process for Critical Incident Stress Debriefing.</li> <li>• Maintain the department Chaplaincy program by adding Peer Councilors</li> </ul>	

<b>Goal 4</b>	<b>Improve hardware and software technology to improve delivery of services while streamlining data collection and distribution.</b>
<b>CPSE 21<sup>st</sup> Century White Paper Critical Issues</b>	   
<b>Objective 4A</b>	Assess current equipment and technology to identify gaps and needs.
<b>Timeframe</b>	36 months/ongoing      Assigned to: Deputy Chief / Resource Management
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Determine current equipment functionality.</li> <li>• Determine needs and gaps in technology to improve service delivery.</li> <li>• Work with City Information Technology department to determine if current hardware is sufficient for future technology needs.</li> <li>• Explore AVL capabilities with CAD developers to determine hardware and software needs for implementation.</li> </ul>
<b>Objective 3B</b>	Assess software needs to streamline operations.
<b>Timeframe</b>	12 months/ongoing      Assigned to: Deputy Chief / Resource Management
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research industry software options.</li> <li>• Identify software options that will allow for streamlining data collection and storage for more efficient data analysis and operational decision making.</li> <li>• Research software options to enhance employee performance evaluations and career development.</li> </ul>
<b>Objective 3C</b>	Request through budget the addition of a data analyst to ensure the highest level of data management capabilities are being utilized to improve service delivery.
<b>Timeframe</b>	24 months      Assigned to: Assistant Chief
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research other departments with data analyst to assist with creation of job description.</li> <li>• Request through the City budgetary process, the addition of a data analyst.</li> </ul>

<b>Goal 5</b>	<b>Enhance community engagement, partnerships, and public education opportunities to improve community safety.</b>
<b>CPSE 21<sup>st</sup> Century White Paper Critical Issues</b>	   
Objective 5A	Enhance community engagement and educational opportunities.
Timeframe	1-5 years/ongoing      Assigned to: Deputy Chief / Community Risk Reduction
Critical Tasks	<ul style="list-style-type: none"> <li>• Participate in City led event for department exposure to other city personnel as well as citizen interaction.</li> <li>• Roll out the 2.1.1 program to aid citizens in need of a multiple of provided support services.</li> <li>• Continue with Annual Community Open House event.</li> <li>• Increase number of department life safety educators.</li> </ul>
Objective 5B	Reduce cooking fires in 1-2 family dwellings.
Timeframe	12 months/ongoing      Assigned to: Deputy Chief / Community Risk Reduction
Critical Tasks	<ul style="list-style-type: none"> <li>• Leverage historical data to determine educational focus areas.</li> <li>• Enhance free smoke detector program in areas of focus.</li> <li>• Utilize social media outlets to distribute educational materials about reducing cooking fires.</li> <li>• Enhance free home inspections program to areas of focus.</li> </ul>
Objective 5C	To eliminate the occurrence of accidental drowning events.
Timeframe	12 months/ongoing      Assigned to: Deputy Chief / Community Risk Reduction
Critical Tasks	<ul style="list-style-type: none"> <li>• Increase signage on the River Walk to increase awareness of dangers.</li> <li>• Utilize social media outlets to distribute educational materials.</li> <li>• Utilize rack cards at local hotels to educate on drowning dangers.</li> <li>• Increase enforcement of life jacket laws.</li> <li>• Continue to participate in Safe Kids Columbus' life jacket give away to engage with the community and educate kids and families on water safety.</li> </ul>
Objective 5D	To reduce the occurrences of fall injuries by 10%.
Timeframe	12 months/ongoing      Assigned to: Deputy Chief / Community Risk Reduction
Critical Tasks	<ul style="list-style-type: none"> <li>• Engage with nursing home associations to explore opportunities to educate elderly population on fall prevention.</li> <li>• Utilize social media outlets to distribute educational materials on fall prevention.</li> <li>• Utilize home safety inspections program and historical data to target vulnerable populations.</li> </ul>



<b>Goal 6</b>	<b>Enhance the delivery of services to the citizens of Columbus.</b>	
<b>CPSE 21<sup>st</sup> Century White Paper Critical Issues</b>	    	
<b>Objective 6A</b>	<b>Implement Columbus Correct Care.</b>	
<b>Timeframe</b>	3-5 years	Assigned to: Deputy Chief / Community Risk Reduction
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research other department models for implementation ideas.</li> <li>• Meet with project stakeholders regularly to form the direction and capabilities of the program.</li> <li>• Engage with city officials for their understanding of the program and potential future support the department will need for implementation.</li> <li>• Identify gaps in current delivery system and how this program can be utilized to fill the gaps.</li> </ul>	
<b>Objective 6B</b>	<b>Change current emergency service delivery model to improve delivery of ALS care to citizens in need.</b>	
<b>Timeframe</b>	12 months/ongoing	Assigned to: Deputy Chief / Operations
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Move firemedics and ALS equipment off ambulances to fire apparatus.</li> <li>• Staff ambulances with two EMT's.</li> <li>• Develop treatment protocols for EMT units.</li> <li>• Develop training objectives for all department EMT's.</li> <li>• Develop service delivery SOG for new model.</li> </ul>	
<b>Objective 6C</b>	<b>Explore adding Community Paramedicine to the department delivery options.</b>	
<b>Timeframe</b>	3 – 12 months	Assigned to: Division Chief/ EMS
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Research industry best practices in the delivery of Community Paramedicine.</li> <li>• Determine necessary stakeholders to deliver identified services.</li> <li>• Identify the necessary equipment and personnel needed to deliver service.</li> <li>• Identify training needs for delivery of service.</li> <li>• Engage city officials during the process to inform them of department needs.</li> </ul>	
<b>Objective 5D</b>	<b>Perform a territory boundaries assessment.</b>	
<b>Timeframe</b>	24 months	Assigned to: Deputy Chief / Operations
<b>Critical Tasks</b>	<ul style="list-style-type: none"> <li>• Form a committee to perform a territory boundaries assessment.</li> <li>• Use historical data to determine deficient response areas.</li> <li>• Determine if changes need to be made to current station territories to meet response goals.</li> </ul>	



# 2022

## Columbus Fire and EMS Standards of Cover/Community Risk Assessment



**Friday, July 15, 2022**

**MAYOR**

B.H. “Skip” Henderson III

**CITY MANAGER**

Isaiah Hugley

**COUNCIL**

**District 1** - Jerry “Pops” Barnes

**District 2** - Glenn Davis

**District 3** - Bruce Huff

**District 4** – Toiya Tucker

**District 5** - Charmaine Crabb

**District 6** - Gary Allen

**District 7** – Evelyn “Mimi” Woodson

**District 8** – Walker Garrett

**District 9 (at large)** – Judy Thomas

**District 10 (at large)** - John House

**FIRE-EMS CHIEF**

Salvatore J. Scarpa





## INTRODUCTION

This document serves as the Columbus Fire and Emergency Medical Services (CFEMS) Standard of Cover (SOC) Document. The SOC is one of four key elements of the Commission on Fire Accreditation International (CFAI) accreditation process. The SOC as defined by the CFAI “...are those written procedures that determine the distribution and concentration of fixed and mobile resources of an organization.”

The main purpose for creating and maintaining an SOC is to place a focus on deployment and concentration of resources that ultimately assists the department in ensuring a safe and effective response force for fire suppression, emergency medical service, hazardous materials, technical rescue, and specialty response situations.

The SOC defines CFEMS’ level of service and describes the roles and responsibilities of each service, as well as deployment strategies and operational elements to maintain the stated level of service. In addition, the document contains data elements along with recommendations to enhance the department’s performance. The primary goals of the department are to improve service delivery and increase safety for the citizens of Columbus, Georgia.

One of the challenges within the fire service is keeping pace with an increasing demand for its services. The SOC provides department management with a process to constantly measure and evaluate the level and quality of service delivered to the community. It also provides quantitative data to justify financial requests made to the Columbus Consolidated Government Council.

CFEMS utilizes the SOC and accreditation process to identify shortcomings and integrate the plan to address these shortcomings into the Department’s short-term strategic plan.

## TABLE OF CONTENTS

<b>INTRODUCTION .....</b>	<b>2</b>
<b>TABLE OF CONTENTS .....</b>	<b>3</b>
<b>EXECUTIVE SUMMARY .....</b>	<b>6</b>
<b>SECTION I: JURISDICTION PROFILE.....</b>	<b>7</b>
LOCATION .....	11
CLIMATE.....	12
POPULATION.....	13
BUSINESS AND RECREATION.....	15
GROWTH AND NEW CONSTRUCTION.....	18
GOVERNANCE.....	21
FUNDING .....	22
CAPITAL IMPROVEMENT PROGRAM .....	23
<b>SECTION II: DOCUMENTATION OF AREA CHARACTERISTICS .....</b>	<b>23</b>
SERVICE AREA BOUNDARIES .....	23
MUTUAL AID BOUNDARIES .....	24
CRITICAL INFRASTRUCTURE .....	26
<b>SECTION III: DESCRIPTION OF AGENCY PROGRAMS AND SERVICES .....</b>	<b>30</b>
HISTORY OF CFEMS .....	31
<i>ORGANIZATION</i> .....	32
<i>FACILITIES</i> .....	33
<i>SERVICES</i> .....	47
<i>COMMUNITY RISK REDUCTION/OUTREACH</i> .....	50
<i>STAFF</i> .....	52
<i>ATTRITION AND RECRUITING – NEED #'S TO UPDATE CAHRTS</i> .....	52
<i>RESOURCES</i> .....	53
<b>SECTION IV: ALL-HAZARD RISK ASSESSMENT .....</b>	<b>56</b>
SEVERE WEATHER.....	58
FIRE EMERGENCIES:.....	61

SPECIAL HAZARDS .....	64
EMERGENCY MEDICAL SERVICES: .....	68
HAZARDOUS MATERIALS: .....	69
TERRORISM: .....	77
SOCIAL VULNERABILITY: .....	80
<b>SECTION V: CURRENT DEPLOYMENT AND PERFORMANCE .....</b>	<b>81</b>
DATA COLLECTION & ANALYSIS .....	81
DEFINING SYSTEM PERFORMANCE .....	82
<i>DISTRIBUTION</i> .....	83
CRITICAL TASKS .....	97
<i>STRUCTURE FIRES</i> .....	98
<i>LOW RISK FIRE INCIDENT</i> .....	102
<i>MODERATE RISK FIRE INCIDENT</i> .....	103
<i>HIGH RISK FIRE INCIDENT</i> .....	103
<i>VERY HIGH-RISK FIRE INCIDENT</i> .....	104
<i>EMS CRITICAL TASKS</i> .....	105
<i>LOW VOLUME MULTI-UNIT</i> .....	106
<i>HAZMAT Critical Tasks</i> .....	106
<i>TECHNICAL RESCUE CRITICAL TASKS</i> .....	107
TIME COMPONENTS .....	108
RESPONSE TIME PERFORMANCE .....	109
<i>BENCHMARKING</i> .....	110
TECHNICAL RESCUE PERFORMANCE .....	122
<b>SECTION VI EVALUATION OF CURRENT DEPLOYMENT AND PERFORMANCE .....</b>	<b>126</b>
RELIABILITY .....	126
FIREFIGHTER INJURY/FATALITIES .....	129
CIVILIAN CASUALTY/FATALITY .....	130
<b>SECTION VII: PLAN FOR MAINTAINING AND IMPROVING RESPONSE CAPABILITIES</b> <b>.....</b>	<b>132</b>
<i>TURNOUT</i> .....	132
RESOURCE ALLOCATION .....	132

<i>SUPPLEMENTAL AMBULANCE CONTRACT</i> .....	133
<i>ALS CAPABILITIES</i> .....	133
AMBULANCE WALL TIME .....	134
QUALITY ASSURANCE/QUALITY IMPROVMENT .....	134
TURNOVER/RETIREMENT .....	135
CFEMS PARAMEDIC PROGRAM .....	135
ORGANIZATIONAL IMPROVEMENT PLAN (5 YEAR) .....	136

## EXECUTIVE SUMMARY

The purpose of the Standards of Cover (SOC) is to define and measure the appropriate level of service based on a comprehensive study of the Department's historical performance, deployment strategies and community risk factors in order to determine the capability of its response system. This process uses a systems approach to evaluate data in the records management system and set standards based on that data. The Department will then be able to match community needs (risks and expectations) with appropriate levels of service to operate in a safe, efficient and effective manner.

This document describes Columbus Department of Fire and Emergency Medical Services' service area, the risks that must be protected and reduced within the community, our capabilities, and our performance objectives and measures. This information will allow the department to identify risks in the community, analyze and establish levels of response service to respond to those risks, and evaluate the Department's performance. Benchmark response times have been established that the Department strives to meet. These response time goals will contribute to our commitment to continually improve how we deliver our services.

The department has established baseline and benchmark performance data for all response categories for the urban setting. The efficient geographic dispersion and placement of resources near service delivery points will lead to maximum effectiveness when responding to the greatest number and types of risk.

In conclusion, this Standards of Cover is a dynamic document that reflects the changing needs of the Columbus Department of Fire and Emergency Medical Services and serves as a mechanism for constantly seeking opportunities for improvement. It is a key element in our plan to reduce risk to our residents and visitors. We are committed to providing the most effective services in a fiscally responsible manner and to continually evaluate our performance in the constant pursuit of improvement.



## SECTION I: JURISDICTION PROFILE

The lure of making money from cotton and the waterpower of the Chattahoochee River shaped the Muscogee County seat of Columbus for more than a century after the Georgia legislature created the city in 1828. Located at the head of river navigation, Columbus first boomed as a cotton-trading center. Entrepreneurs quickly harnessed the river's power, and Columbus became one of the South's earliest—and remained one of its largest—mill towns. The creation of neighboring Camp Benning (later Fort Benning) in 1918 added another dimension to the city. By the 1960s Columbus began shedding the image of a mill and military town, as its business and civic leaders diversified the economy, modernized its government, and launched a series of cultural initiatives. By 2000, as the city rediscovered its picturesque river, private and public funding revitalized the original downtown into a premier venue and educational center for the fine and performing arts.

### Antebellum Years

In 1828 the state legislature, realizing the economic potential of a location on the Chattahoochee River at the fall line, planned the city and auctioned its lots. The author Washington Irving's contemporary writings about explorer Christopher Columbus probably influenced its naming. The original town consisted of a rectangle, thirteen blocks north to south (from the river to Seventeenth Street) and nine blocks east to west (from the river to Sixth Avenue), nestled against the irregular bank of the river on the west and south. A four-block commons area or greenspace surrounded it on the north, east, and south.

The subsequent availability of land reinforced the obsession about making money from cotton, but only a few realized the dream of becoming wealthy planters. Columbus warehouses and merchants served planters and farmers within a fifty-mile radius. Initially the river linked the city's economy via Apalachicola, Florida, to the world cotton market, primarily to Liverpool, England.

The river's commercial advantage diminished in the 1850s with the arrival of railroads (via branch lines from Fort Valley and from Opelika, Alabama). Steamboats still plied the Chattahoochee, but rails began connecting Columbus with larger markets. The emerging rail center of Atlanta eclipsed Columbus as the western metropolis of Georgia.

The Chattahoochee rivers waterpower made Columbus a manufacturing center. The river powered gristmills and sawmills as early as 1828 and a textile mill north of town by 1838. The city of Columbus, which controlled the greatest potential waterpower site in the South, never spent any public money developing this resource. Rather than building a canal to deliver waterpower to various locations within the city (such as Augusta did), Columbus simply sold the rights to dam the river and restricted the use of the resulting power to a two-block area along the Chattahoochee (between present-day Twelfth and Fourteenth streets). That decision limited the city's early industrial development. Even so, by the 1850s five water-powered mills produced textiles, flour, and sawn lumber, and at other locations fourteen smaller companies produced a variety of goods. In 1853 the landscape architect Frederick Law Olmsted, an indefatigable traveler and astute observer, declared Columbus the largest manufacturing city south of Richmond, Virginia.

Factories tripled their output and shifted to war-related products. Storekeepers boarded up their windows and began making drums, fifes, India rubber cloth, and sewing tents and uniforms. The Iron Works produced steam engines for ships, while the Navy Yard built the ironclad *Muscogee*. The need for workers pushed the city's population from 10,000 to 15,000.

Swift's factory began on one waterpower lot (1868 and 1880) and then expanded north of Fourteenth Street, with new mills appearing in 1887, 1904, 1916, 1926, and 1950. Young's and Swift's mills became the foundations of two dynasties. As the city's economy expanded, industries moved into the remaining land on the East Commons, and middle-class suburbs grew in the Wynnton area, which was first served by streetcars and then by automobiles.

Mayor L. H. Chappell (1897-1907 and 1911-13) modernized the city. During the Spanish-American War (1898) he lured a military training camp to town, paved and curbed downtown streets, built sewers and steel bridges, planted trees, and created the modern municipal water works, which transformed the muddy Chattahoochee into drinking water.

In September 1918, the U.S. War Department created Camp Benning, located on Macon Road near what is now the public library. Extensive lobbying efforts resulted in a permanent camp, Fort Benning, in 1922. For almost twenty years it functioned primarily as a training center for infantry officers. During World War II (1941-45) the post assumed a more expanded mission.

In 1919 Ernest Woodruff, a Columbus native and Atlanta businessman, engineered the purchase of Coca-Cola from the Candler family for \$25 million. W. C. Bradley, who was chair of the board of Coca-Cola for twenty-seven years, served as Woodruff's partner, selling stock to friends and acquaintances, primarily in the Chattahoochee Valley. That investment still pays significant dividends to the community.

By 1927 the city had entered the Great Depression as the demand for cotton textiles plummeted. In the 1930s several Columbus mills borrowed money from New York banks to continue running. Construction at Fort Benning also provided much-needed jobs. By 1940 Fort Benning was brimming with activity. Meanwhile, a Greater Columbus Committee outlined new goals. These resulted in consolidating the county and city schools in 1949 and establishing Columbus College (later Columbus State University) in a closed mill in 1958. Until that time Columbus was the largest southern city without a college. In 1961 the Columbus Area Vocational-Technical School (later Columbus Technical College) was founded.

By the 1970s the Columbus Storefront economy had changed. Local businessmen stopped excluding new industries that might raise local wages and began seeking new manufacturers, such as Dolly Madison Bakery (1970) and Pratt and Whitney (1984), which made jet engine parts. But local initiative created the most dynamic enterprises—Aflac Insurance, Synovus Financial Corporation, and Total System Services.

According to the 2010 U.S. census, the population of Columbus is 189,885, the third-largest city in the state. By 2003 Columbus had renewed its appreciation for the Chattahoochee River. Under federal court order to build a combined sewer-overflow system, the Columbus Water Works began developing the Riverwalk, which is to extend for twenty miles, from Fort Benning, south of town, to Lake Oliver to the north. Once the reason for the city's establishment, the Chattahoochee River will once again become the most distinctive feature of the city.

Municipal projects have included construction of a softball complex, which hosted the 1996 Olympics softball competition; construction of the Chattahoochee River Walk; construction of the National Civil War Naval Museum at Port Columbus, construction of the Coca-Cola Space Science Center, the expansion of the Columbus Museum, and road improvements to include a new

downtown bridge crossing the Chattahoochee River to Phenix City. During the late 1990s, commercial activity expanded north of downtown along the I-185 corridor.

During the 2000s, expansion and historic preservation continued throughout the city. South Commons has been revitalized. This area combines the 1996 Olympic softball competition complex, A. J. McClung Memorial Stadium, Golden Park, the Columbus Civic Center, and the Jonathan Hatcher Skateboard Park.



The National Infantry Museum and Soldier Center, which opened in 2009, stands just outside the gates of Fort Benning. The facility includes a museum that houses thousands of unique artifacts relating to the U.S. Infantry's role in shaping the nation's history. These artifacts were formerly housed in the base's National Infantry Museum, which received a Governor's Award in the Humanities in 1991.



The River Center for the Performing Arts, which opened in 2002, houses Columbus State University's music department and is the city's venue for fine and performing arts. In 2002, Columbus State's art and drama departments moved to downtown locations. Such initiatives have provided Columbus with a cultural niche and with vibrant and modern architecture mixed among older brick facades.



The "Ready to Raft 2012" campaign is a project that created an estimated 700 new jobs and is projected to bring in \$42 million annually to the Columbus area. The project resulted in the longest urban whitewater rafting venue in the world. This, in addition to other outdoor and non-outdoor tourist attractions, led to around 1.9 million visitors coming to Columbus during the fiscal year 2018, according to the Columbus Convention and Visitors Bureau.

The Blue Heron zip line was opened in July 2014 and consists of a triple-zip lines across the Chattahoochee River, treetop aerial course consisting of 10 obstacles, 400 ft. treetop triple-zip lines along the banks of the Chattahoochee River. The zip lines run from Columbus Georgia to Phenix City Alabama and back across from Phenix City Alabama to Columbus Georgia.

## LOCATION

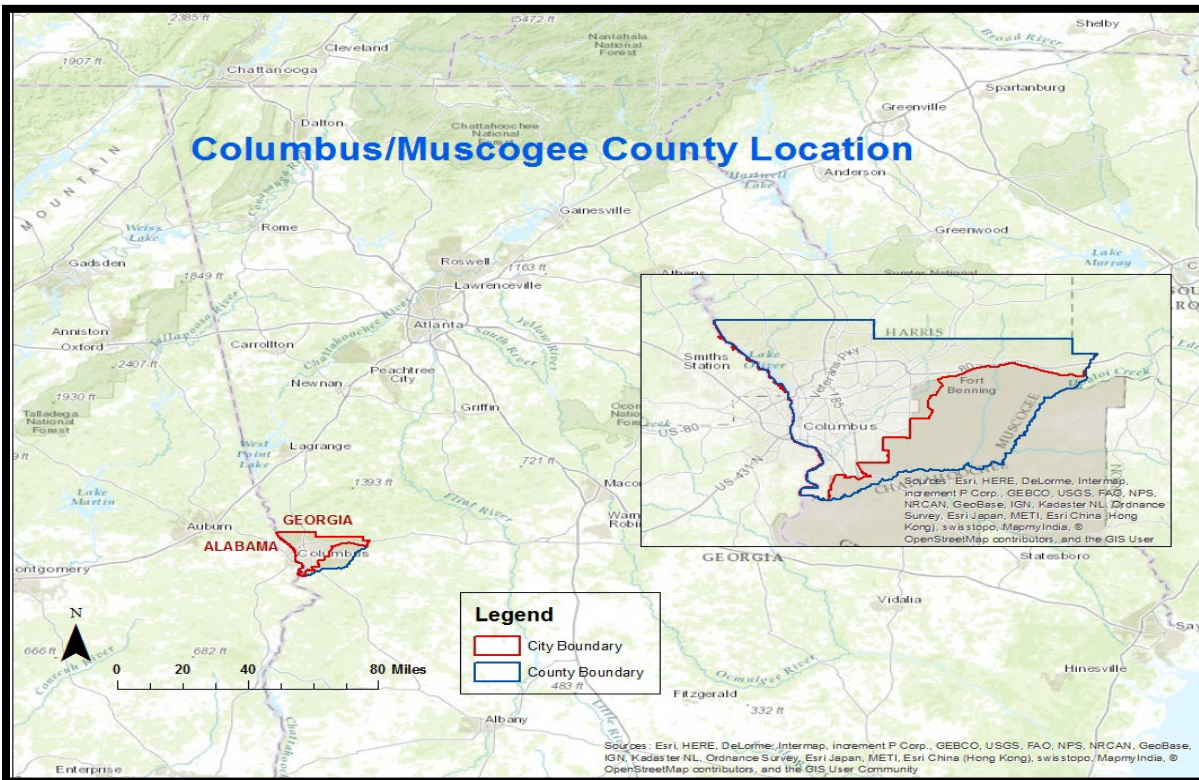


Figure 1.1 Map: Service Area Location

Interstate 185 runs east of the city, with access from exits 1, 3, 4, 6, 7, 8, 10, 12, and 14 to the city. Interstate 185 runs from Ft. Benning north 47 miles to Interstate 85. U.S. Route 27, U.S. Route 280, and Georgia State Road 520 (known as South Georgia Parkway) all meet in the interior of the city. U.S Route 80 runs north of the city, locally known as J.R. Allen Parkway; Alternate U.S. Route 27 and Georgia State Route 85 run northeast from the city, locally known as Bill Heard Expressway.



The corporate boundaries of Muscogee, County encompass 220 square miles of which 216.3 square miles (560 km<sup>2</sup>) is land and 4.7 square miles (12 km<sup>2</sup>) (2.14%) is water. This includes approximately 3000 acres acquired in a land swap completed in 2001 between Fort Benning, Chattahoochee County and the City of Columbus. The 3000 acres (4.6 square miles) acquired in the land swap will be utilized for industrial development and recreational use. The addition of this property to the jurisdictional area will increase the need for fire protection service in the future. See Figure 1.1 for city location. The city is located at: 32°29'23"N 84°56'26"W 32.489608°N 84.940422°W.

## CLIMATE

Daytime summer temperatures often reach highs in the mid-90s and low temperatures in the winter average in the upper 30s. Columbus is often considered a dividing line or "natural snowline" of the southeastern United States with areas north of the city receiving snowfall annually, with areas to the south typically not receiving snowfall every year or at all. Columbus, Georgia, gets 48 inches of rain per year. The US average is 39. Snowfall is 0 inches. The average US city gets 26 inches of snow per year. The number of days with any measurable precipitation is 71. Columbus, GA is a High-Risk area for tornados. According to records, the largest tornado in the Columbus area was an F3 in 1954 that caused seven injuries and zero deaths. Columbus has a higher tornado index level than the state or nation (Figure 1.2 Tornado Index). The higher the level the higher chance of a tornado event. Columbus has a humid subtropical climate according to the Koppen climate classification system.

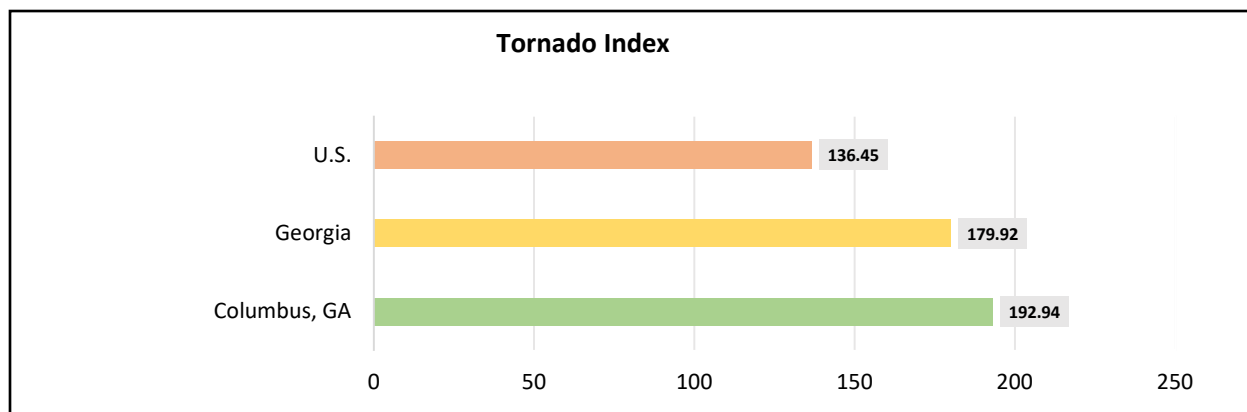
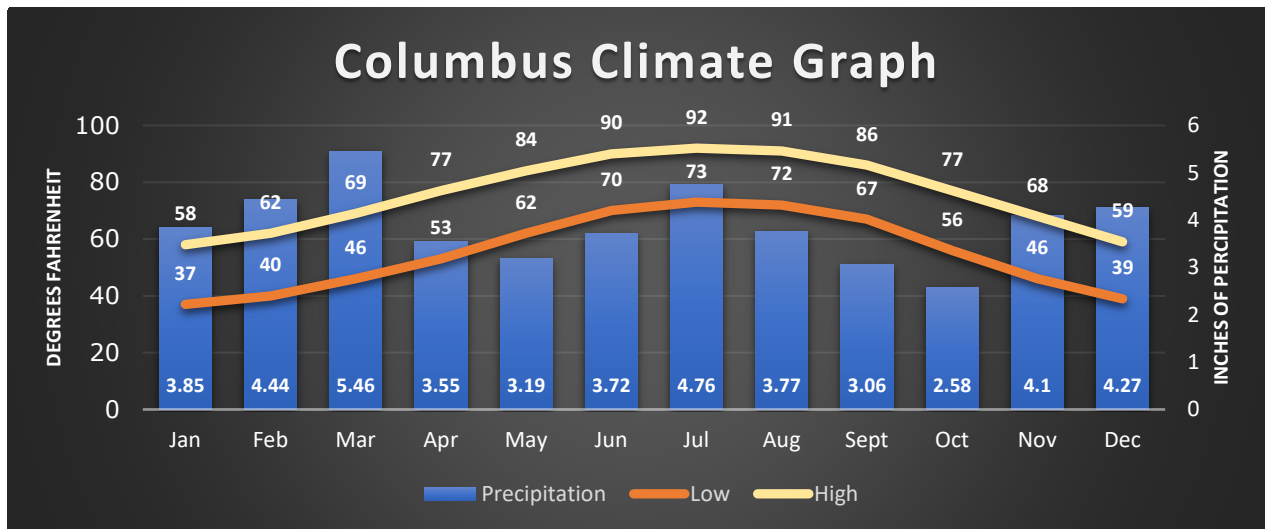


Figure 1.2 Chart: Tornado Index



Source: Intellicast 2020 Figure 1.3 Chart: Climate Averages

## POPULATION

The 2020 U.S. Census population for Columbus is 206,922, up from 189,885 in the 2010 Census. The population density was 877.5 people per square mile. There were 91,617 housing units at an average density of 453.5 per square mile (136.0/km<sup>2</sup>). The racial makeup of the city per the 2020 census was 45.2% White, 48% African American, 2.8% Asian, 0.5% Native American, 0.2% Pacific Islander, and 3.2% from other races. Hispanic or Latino of any race were 7.7% of the population. (Figure 1.5 Chart: Demographic (2020) Census)

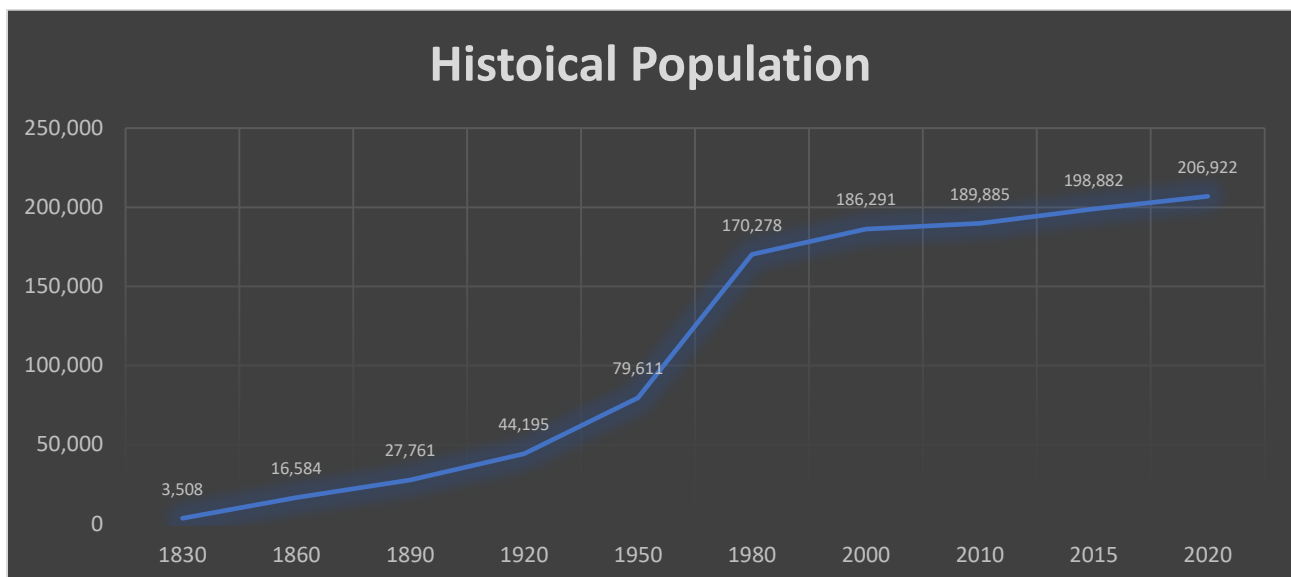


Figure 1.4 Chart: Historical Population

	Year 2010	Year 2020	% Variance
<b>Under 18 Years</b>	<b>25.6%</b>	<b>31.8%</b>	<b>+6.2%</b>
<b>18 to 64</b>	<b>62.8%</b>	<b>54.9%</b>	<b>-7.9%</b>
<b>65 and over</b>	<b>11.6%</b>	<b>13.3%</b>	<b>+1.7%</b>
<b>Total</b>	<b>189,885</b>	<b>206,922</b>	<b>+17,037</b>

Figure 1.5 Chart: Demographic 2020 Census

In the city, the population is diverse with 31.8% under the age of 19, 54.9% from 19 to 64, and 13.3% who were 65 years of age or older. The median age was 34.4 years. Population by gender is females 51.2% and males 48.8%

The median household income for Columbus in 2020 was \$47,418, as compared to \$61,224 for Georgia. As compared to the 2010 Census, the median income has increased 22%. Poverty rates for Columbus include 28.9% under 18 years and 32.4% over 18 years.

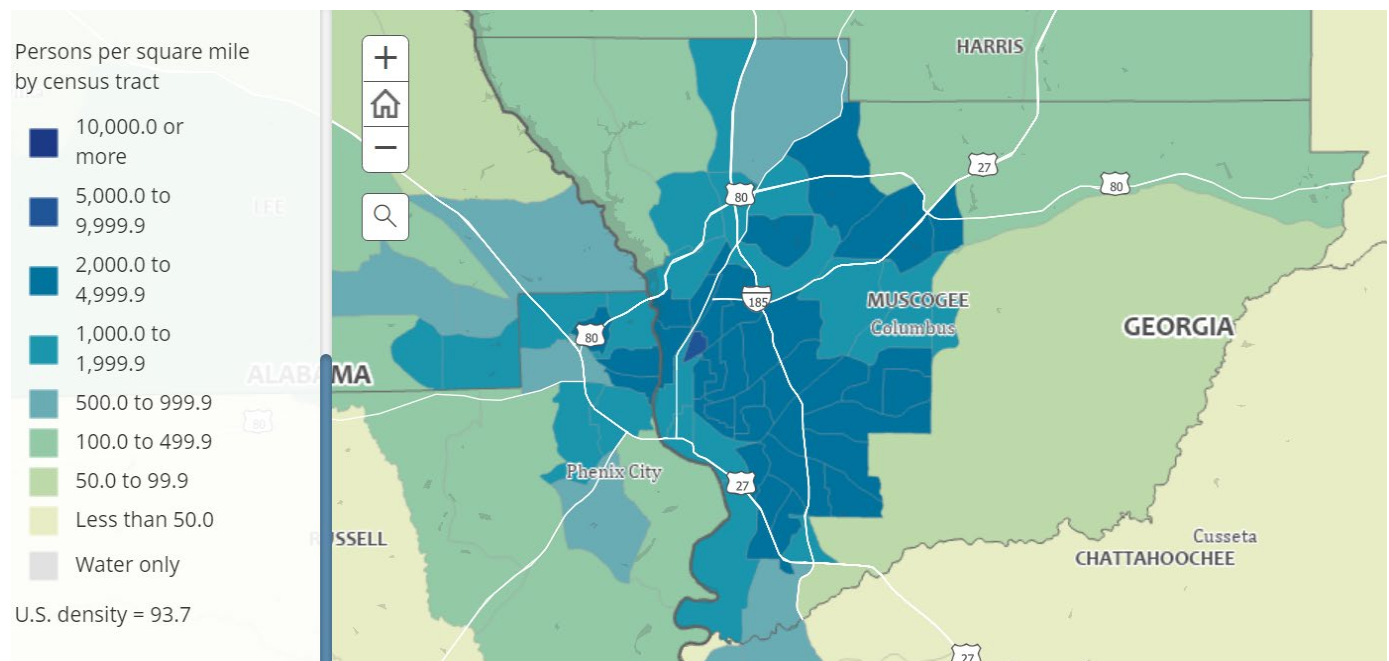


Figure 1.6: Population Density Map 2020 Census

## BUSINESS AND RECREATION

The Columbus, Georgia Metropolitan Statistical Area (GA MSA), as defined by the United States Census Bureau, is an area consisting of four counties in Georgia and one county in Alabama, anchored by the city of Columbus. Estimates from 2020 census indicate, the MSA population is 329,141. The Bureau of Labor Statistics show GA MSA labor force change from 2015-2019 as; labor force decreased from 123,895 to 123,338 (-557), employment increased from 115,275 to 118,385 (3,110). The unemployment rate as of March 3, 2022, is 3.8. In Columbus, there are 13 major private sector employers (500 or more employees). They provide 25,890 jobs or 26 % of the workforce of Columbus GA-AL MSA. Top 10 employers for GA MSA are listed in Figure 1.6.

Figure 1.7: Principal Employers 2021

Columbus Metropolitan and Nonmetropolitan Area Employment			
Principle Employers for Columbus 2021			
Ft. Benning Military Reservation (U.S. Army)	45,320	1	40.0%
Muscogee County School District	5,500	2	5.0%
TSYS	4,075	3	3.6%
Aflac	3,335	4	3.0%
Kia Motors Manufacturing Georgia	2,700	5	2.4%
Columbus Consolidated Government	2,600	6	2.3%
Piedmont Columbus Regional	2,430	7	2.2%
The Pezold Companies	2,000	8	1.8%
Pratt & Whitney	1,850	9	1.6%
St. Francis-Emory Healthcare	1,735	10	1.5%
Total Top 10	71,545		63.4%
Total	111,970		

Columbus offers a wide range of recreational opportunities. Columbus has the longest urban whitewater complex in the world (Figure 1.7). USA Today picked the Chattahoochee Whitewater Park as one of the Top 12 man-made Adventures in the World. The course consists of class II-V whitewater and is one of the most exciting sections of whitewater in the US. Two types of runs (Classic and Challenge) are available on the same 2.5-mile stretch of river due to the dam-controlled release which occurs daily. Figure 1.7



Cooper Creek Park is home to the largest clay court tennis facility, the thirty lighted courts make Cooper Creek the largest clay-court public tennis facility in the United States (Figure 1.8). The Columbus Regional Tennis Association (CORTA) has its offices at Cooper Creek, and it is the second biggest United States Tennis Association (USTA) organization in the South.



Figure 1.8 Tennis Facility



The Fall Line Trace Bike Trail (Figure 1.9) runs from the Riverwalk through Columbus West to East, for 11 miles. Extending from downtown Columbus to Psalmond Road in Midland, the trail offers an eclectic cross-section of the community: busy shopping areas, business districts, a medical complex, neighborhoods, the Columbus State University campus and other schools. A connection to the beautiful and historical 15-mile Chattahoochee Riverwalk at the trail's southern end adds to its appeal.



Figure 1.9 Fall Line Trace, Bike Trail

## GROWTH AND NEW CONSTRUCTION

The Chattahoochee River is the region's greatest natural resource. In a previous era, the river helped establish Greater Columbus as a textile hub. While industry has long since evolved in a different direction, the river can continue to power economic growth by serving as an amenity and focal point around which people can gather. By continuing to develop and activate its riverfront, particularly the geologically stunning stretches through the core of the region, Greater Columbus can significantly improve its ability to attract and retain talented individuals, the most important growth consideration in the modern economy. Through decades of public and private investments in Greater Columbus have significantly improved the river, river surroundings, and the ability of individuals to access and enjoy the river. Greater Columbus now has an opportunity to go even further to differentiate its riverfront from those of other regions, which could in turn help to address or overcome other challenges and shortcomings, such as low growth rates, limited Interstate connectivity, and a lack of external awareness.

In 2014, a group of public, private, and nonprofit leaders from across the Greater Columbus Georgia region came together to create a comprehensive small community and economic development strategic plan. This 10-month process culminated in the Regional Prosperity Initiative, which addressed a full range of issues influencing the region's competitiveness, prosperity, and quality of life. The Regional Prosperity Initiative brought together local leaders and the expertise of Market Street Services— a national economic, community and workforce development consulting firm— to analyze the competitiveness of Greater Columbus as a place to live, learn, work, visit and do business. This initiative promises to transform Greater Columbus over the next decade and beyond. The implementation of this plan is the Columbus 2025 initiative. This name better reflects the central role Columbus plays in the region's future success. This strategic plan builds on the work done through the Regional Prosperity Initiative to better understand the competitive landscape for talent and economic development. We learned that we have accomplished much in our efforts to transform Greater Columbus into a community ready for the 21<sup>st</sup> century. We also learned that we have a long way to go to achieve the Columbus 2025 goals of reducing poverty, increasing prosperity, and improving the quality of life for everyone who lives here.

Recommended strategies include:

- Develop a physical, flexible, and professionally staffed center for entrepreneurial activities in a highly visible location,
- Formalize a collaborative Business Retention and Expansion (BRE) program to ensure optimal conditions for existing firms to thrive,
- Develop a comprehensive economic development marketing program,
- Create cradle-to-career (C2C) partnerships to align education, training, business and social services to increase talent levels in Greater Columbus,
- Collaborate across state lines to further promote activation of the Chattahoochee Riverfront through the region's core.

Columbus conducted a study of the feasibility of a high-speed rail system from Columbus to Atlanta-Hartsfield Airport. The Columbus to Atlanta corridor is deemed feasible for high-speed passenger rail service based on the data collected and the technical analysis. Moving forward, the Columbus Consolidated Government will begin working on both immediate and long-term next steps for successful implementation. These include incorporating the study into the Georgia State Rail Plan, preparing for the next planning and environmental assessments, and identifying funding/financing strategies for implementation.

The Opportunity Zone Program was adopted in 2015 to provide an incentive to businesses and developers to create jobs. The benefit to a business locating within the boundaries of a designated Opportunity Zone, where the business creates eligible net new jobs to Georgia, is the Georgia Job Tax Credit. This credit is up to \$3,500 per job created. In Muscogee County the maximum benefit is \$2,500 per job created. New or expanding businesses are eligible to participate.

The State of Georgia is working on creating a 1,500-acre park in north Columbus along the Chattahoochee River on Lake Oliver (Figure 1.10). The master plan includes cottages, RV and tent camping, lake view platform campsites, hiking and biking trails, disc golf, greenspace for gatherings such as festivals, and more.

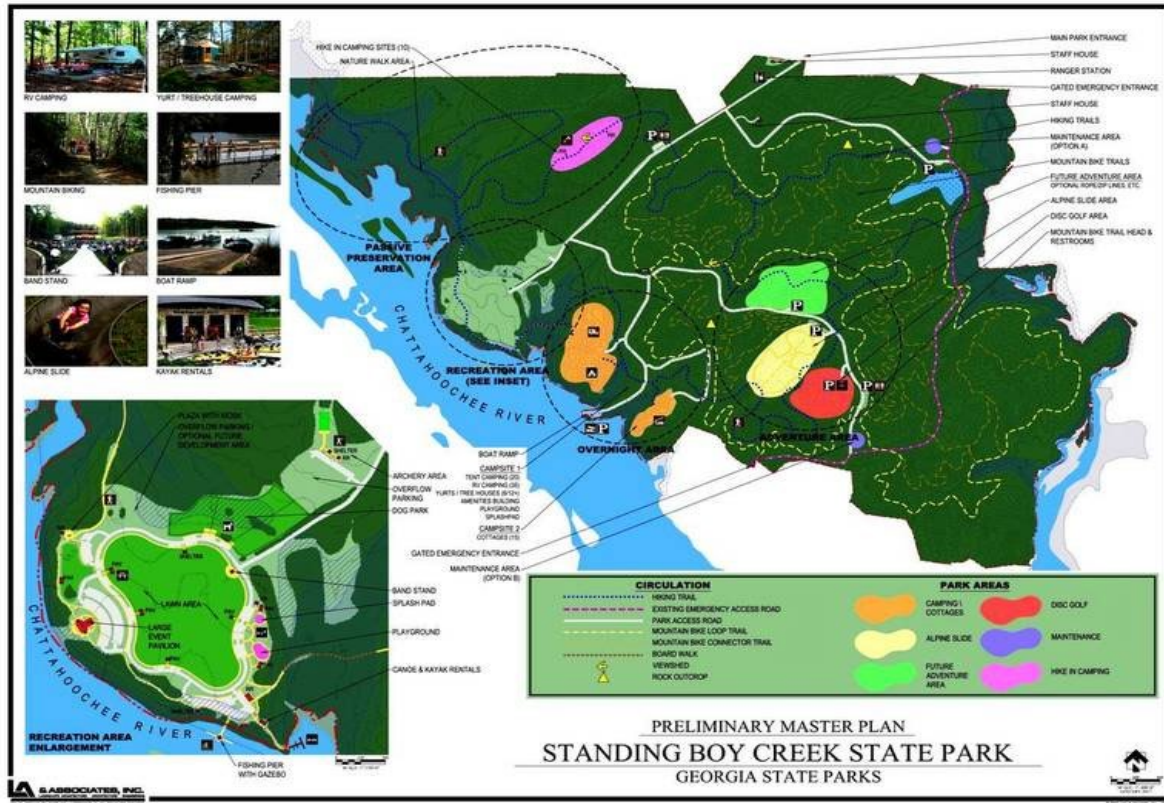


Figure 1.10 Proposed State Park

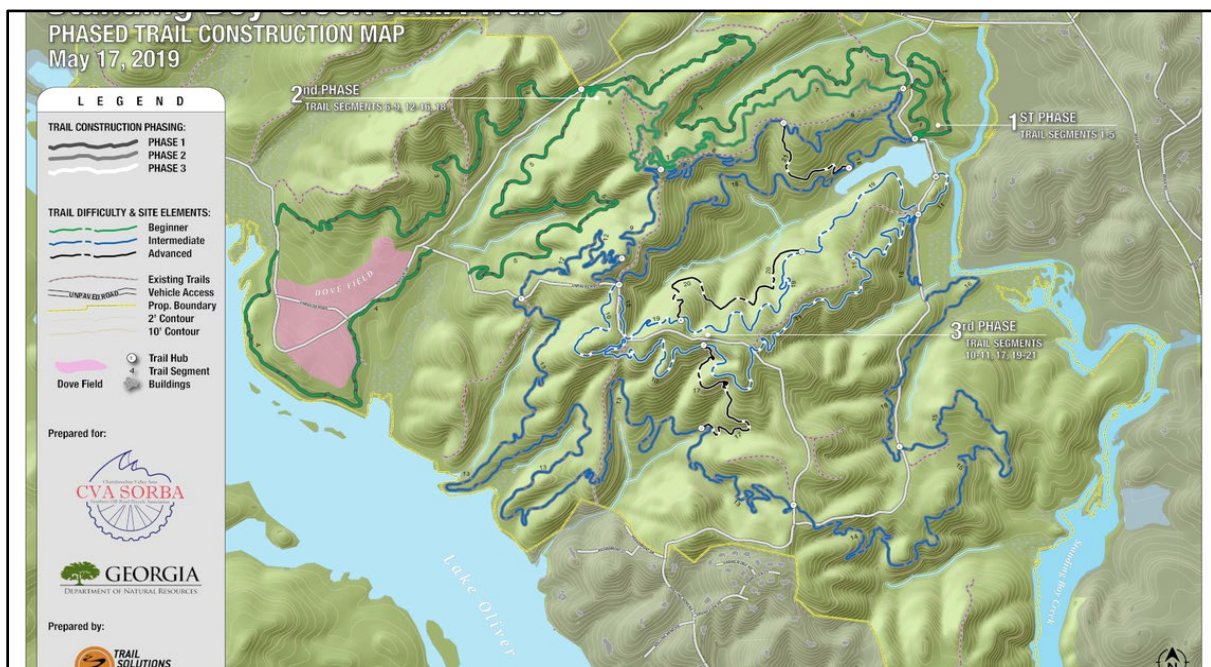


Figure 1.11 Mountain Bike Trail – Standing Boy Creek State Park

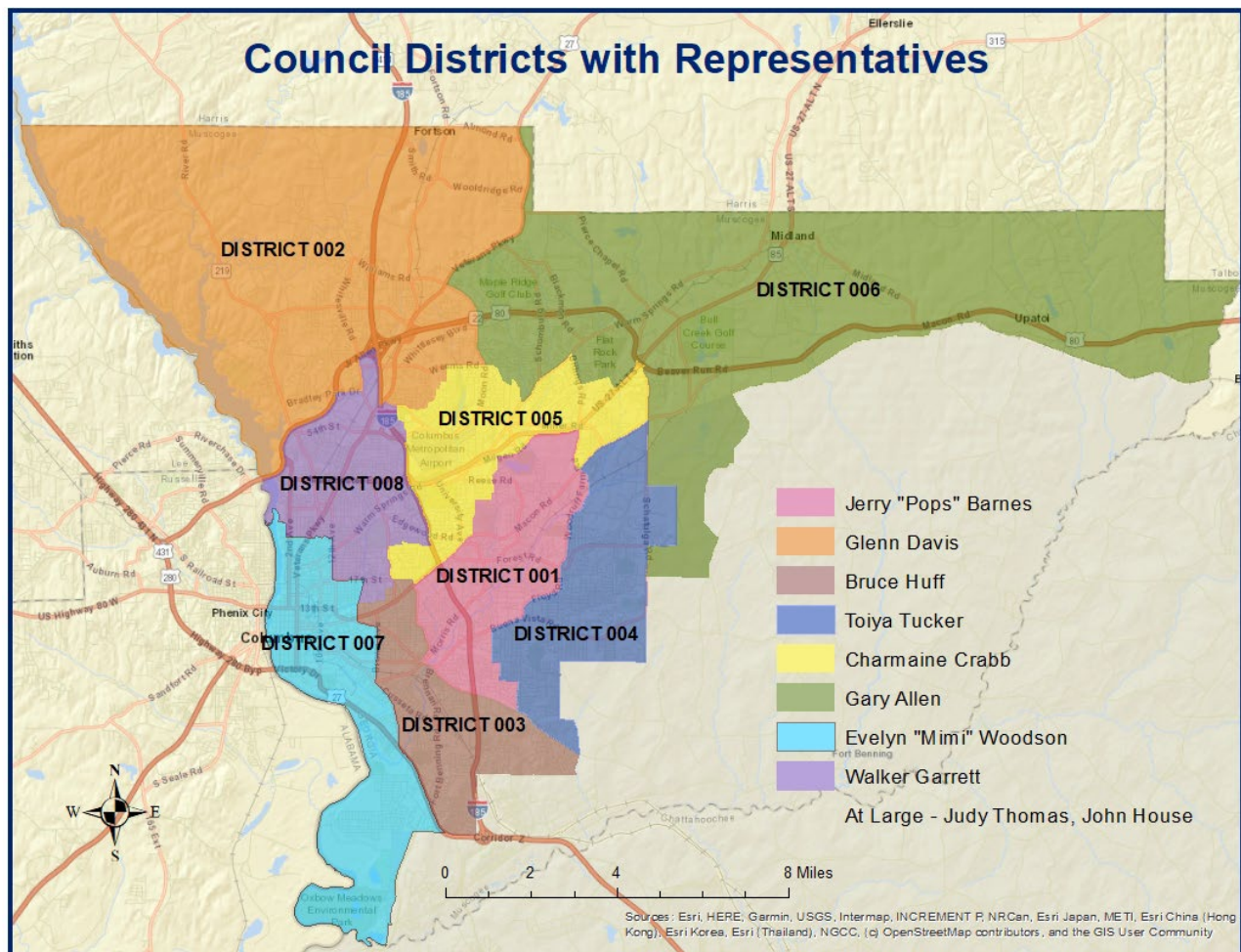


## GOVERNANCE

Columbus, Georgia is a consolidated government, which establishes a single countywide government with powers and jurisdiction throughout the territorial limits of Muscogee County. The Charter of the Columbus Consolidated Government provides for a mayor-council-city manager form of government.

The mayor is aided by a city manager that, in the performance of his duties, is responsible to the mayor. The elected mayor, who also serves as the City's Public Safety Director, is a full-time position. The Council consists of ten (10) elected councilor positions of which eight (8) members are elected from established council districts and two (2) are at large elected members.

Figure 1.11: Council Districts



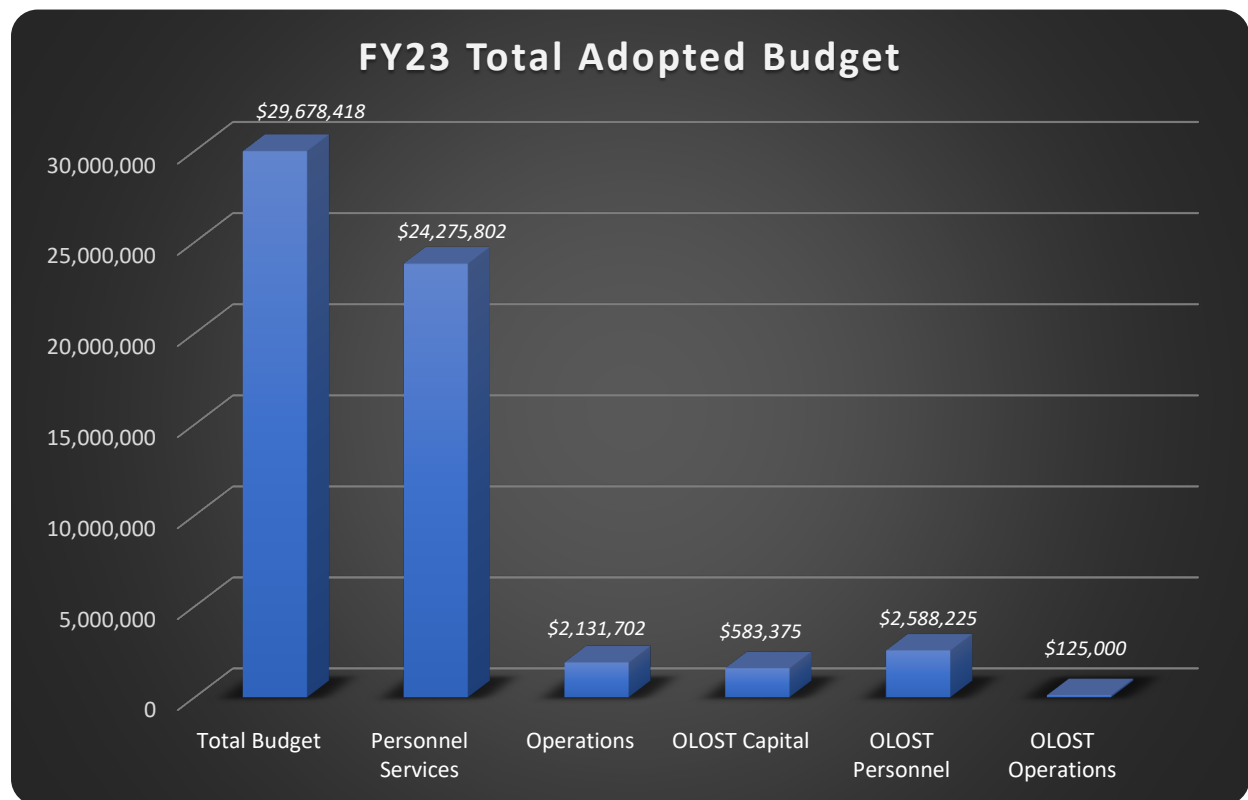
The Consolidated Government provided by the Charter shall be known as the Mayor-Council-City Manager form of government. The Mayor shall be aided by City Officers, who, in the performance of their duties, shall be responsible and accountable to the Mayor except as otherwise provided in



the Charter, by Georgia Law or by Rules of the State Bar of Georgia. Those persons who are deemed to be City Officers are set forth in sec. 4-300 of the Charter, as amended. Section 4-300 states the City Officers of Columbus, Georgia shall consist of the City Manager, the City Attorney, the Chief of the Columbus Police Department, the Chief of the Columbus Fire and EMS Department and the Warden of the Muscogee County Prison, all of whom shall be responsible to and accountable to the Mayor of Columbus, Georgia, except as otherwise provided in the Charter, by Georgia law or by Rules of the State Bar of Georgia.

## FUNDING

The Department is funded through the Columbus Consolidated Government's General Fund Budget. The Department's fiscal year 2022 approved budget including OLOST is \$29,678,418 (Figure 1.12 Fiscal Year 2023 Budget).



## Capital Improvement Program

The City (Fire/EMS, 911 Dispatch and Columbus Water Works) were re-evaluated by the Insurance Services Office (ISO) in February 2017. Results of the ISO review became available in June of 2017. CFEMS received a Public Protection Classification (PPC) rating of 1/1x; improving from a PPC of 2/9. Station 9 was completed in January of 2017. New drill tower, training pavilion and control room were completed in July of 2017. The department currently has 6 Engines, 2 Ladders, 2 Squads, and 4 Ambulances under a lease/purchase that expends 1 million dollars yearly out of the OLOST funds account.

## SECTION II: DOCUMENTATION OF AREA CHARACTERISTICS

CFEMS' 220 square mile jurisdiction is divided into three battalions with 14 stations distributed throughout the jurisdiction. For dispatching purposes, the service area is broken down into 14 station territories or "planning zones." The station territories are further subdivided into geographic areas called Fire Demand Zones (FDZ). There are 102 FDZs within CFEMS' service area (Figure 2.1 Planning Zones). The type of response allows the closest unit to respond based off the location of the incident within an FDZ.

### SERVICE AREA BOUNDARIES

Geographical boundaries for the Columbus Department of Fire and Emergency Medical Services are the boundary lines of Muscogee County (Columbus City Charter Section 1-102) excluding that area which lies within the boundaries of the Fort Benning Military Reservation. Boundaries were established by the consolidation of the City and County Governments in 1971 (Consolidated Government). Mutual aid agreements exist with surrounding communities. Surrounding agencies requiring assistance must make requests through proper channels as detailed in mutual aid agreements. The geographical boundaries have been set by law and have been clear and understood by all governmental entities involved. (Figure 2.2: Service Area)

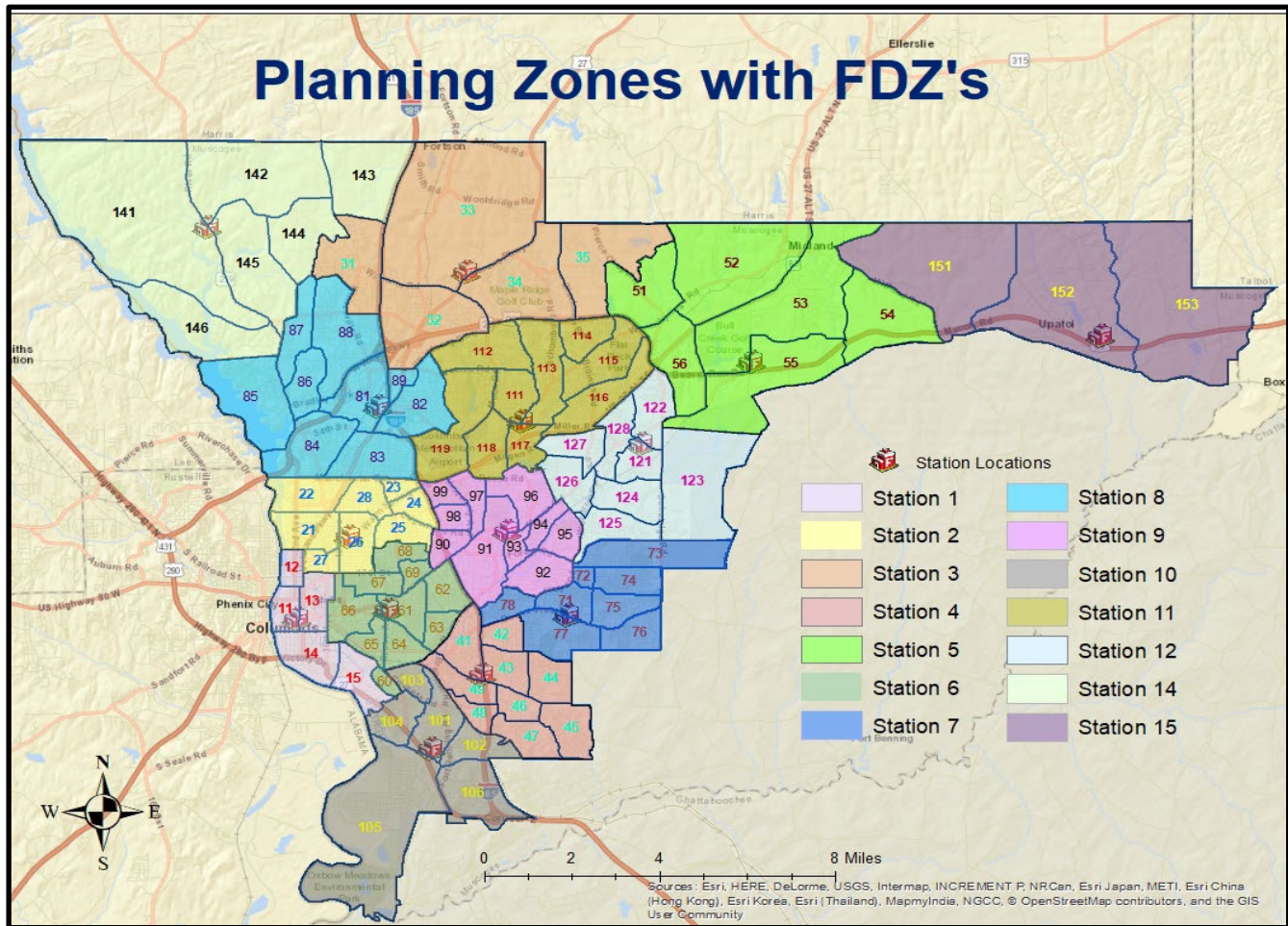


Figure 2.1 Planning Zones

### MUTUAL AID BOUNDARIES

The department maintains Statewide Mutual Aid Agreement (SWMA) with local, state and federal agencies to provide for additional assistance and resources to this jurisdiction in the event of a disaster. These agreements are reciprocal in scope and clearly define the department's responsibilities, limitations, and liabilities in the event these agreements become activated. The department currently maintains all hazard/all emergencies mutual aid agreements with all contiguous Fire and EMS departments and county governments. The department is also a member agency of the Georgia Mutual Aid Group and is designated as Georgia Search and Rescue (GSAR) Task Force 4A. These agreements have been adopted by the governing authority and signed by the Mayor.



Through these agreements the department has immediate access to additional equipment and staffing to respond to and mitigate major emergency situations in the most cost-efficient manner possible. The agreements are mutually beneficial to Columbus and the surrounding communities. The department does not have any automatic aid agreements with any of the surrounding agencies. This is due primarily to the fact that the surrounding departments are either not strategically located or staffed to respond within our jurisdiction in a timely manner. (Figure 2.2 Mutual Aid)

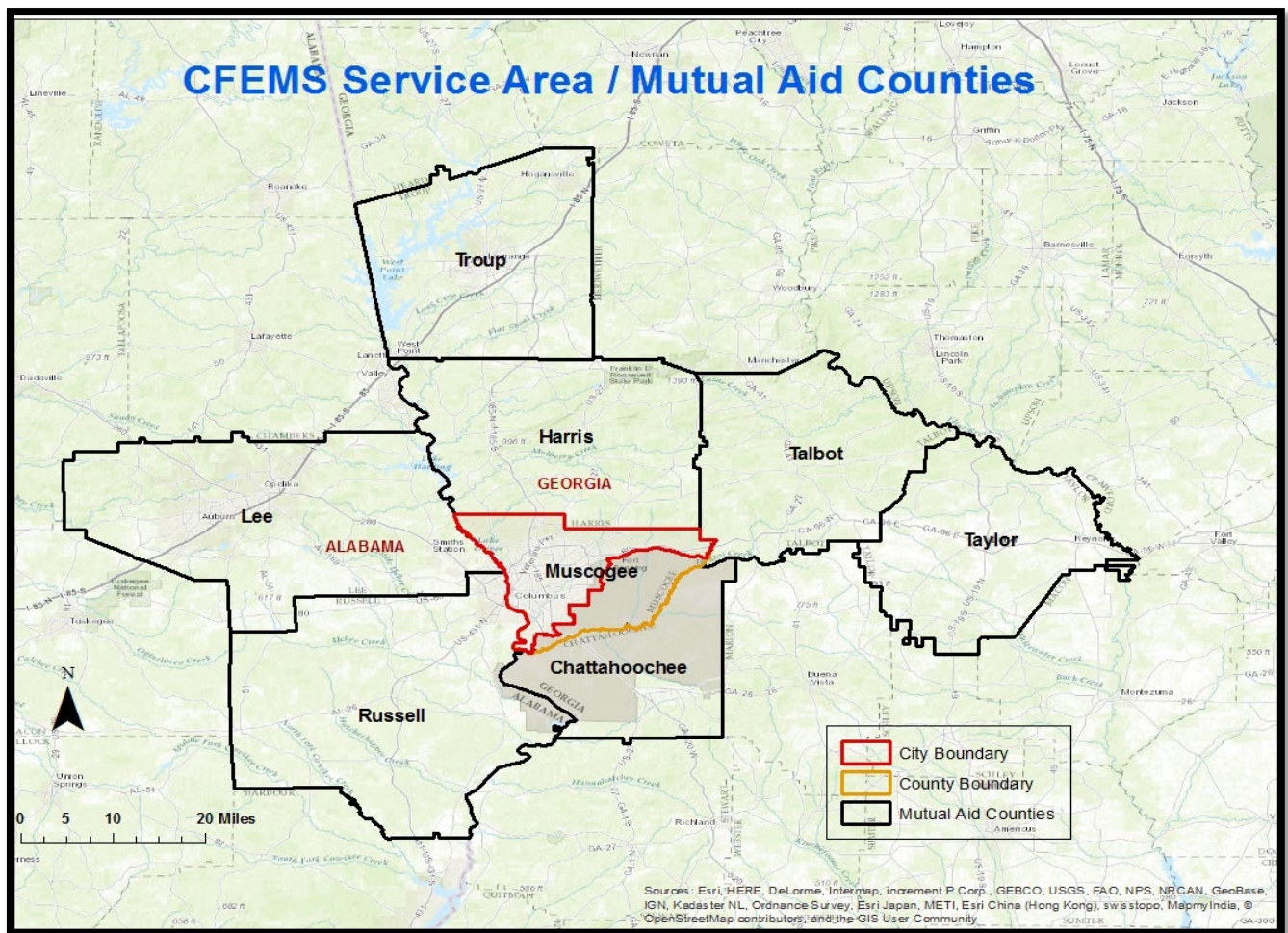


Figure 2.2 Mutual Aid

## CRITICAL INFRASTRUCTURE

Critical infrastructure are systems needed to maintain minimum services for operation of a community. Critical infrastructure includes transportation, communications, water, power, and healthcare. Columbus Department of Fire and Emergency Medical Services (CFEMS) assesses the critical infrastructure within the planning zones through pre-fire planning activities and annual inspections through Community Risk Reduction.

Roadways are maintained and repaired by the city's Public Works department. The street maintenance division is responsible for over 650 miles of curbs and gutters, along with over 900 miles of public sidewalks. They provide services to Columbus residents and government personnel related to street repairs and maintenance, which includes city streets and state routes, sidewalk repair, curb/gutter, fence, guardrail repairs and graffiti removal. Columbus has 26 miles of rail lines that run through the city; operated by Norfolk Southern and Georgia Southwestern Railroad. Commodities carried most often include Chemicals, Forest Products, Lumber, Petroleum Products, Pulp and Paper. (Figure 2.6 Critical Infrastructure)

Columbus provides public transportation through the METRA department. METRA currently operates 18 buses serving 10 bus routes in the Columbus area, Monday through Saturday, excluding holidays. METRA also provides ADA Complementary Paratransit Service to eligible persons with disabilities who are, because of their disability, unable to board, ride or disembark from an accessible vehicle in METRA's regular bus service.

Columbus Water Works (CWW) provides water and a sanitary sewer system to the city of Columbus. CWW also helps to identify elements of the water system to include hydrants, water mains, system issues to include outages and improvements, maintenance, and care. The first water treatment plant was built in 1964 and currently operates as a modern treatment facility which serves the entire community. CWW operates two water treatment facilities in Columbus and one in Ft. Benning that serve Columbus, Fort Benning, and parts of Harris and Talbot counties.

Georgia Power supplies the majority of Columbus with power. Flint Energies and Diverse Power provide power to some rural areas of the city. Two of Georgia Powers nineteen hydroelectric dams



are in Muscogee County, they are; North Highlands Hydroelectric Generating Plant, and Oliver Dam Hydroelectric Generating Plant (Figure 2.3 Dams).

LAKE OLIVER DAM



NORTH HIGHLAND DAM

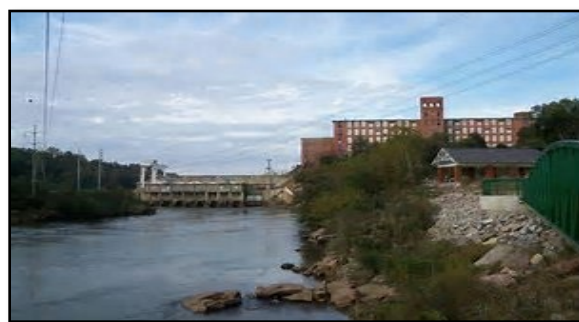


Figure 2.3 Dams

Columbus currently has three hospitals that provide emergency services. Piedmont Columbus Regional's Midtown Campus (Figure 2.4 Medical Center) is a Level 2 trauma center and serves most of west central Georgia and East Central Alabama. St. Francis Hospital (Figure 2.5 St. Francis) is the regional cardiac hospital; they have experienced tremendous growth in the last several years. Piedmont Northside Campus opened in 2018 and has been effective in reducing patient volume at the other hospitals. Hospitals have responded by implementing changes to personnel and processes to reduce ambulance out of service time. CFEMS implemented an extended wait time protocol, approved by the department medical director, to allow for department personnel to use the Emergency Service Index (ESI) to determine urgency of treatment. Based on the ESI score personnel can, after a 30-minute wait, advise the ED charge nurse of their finding and that they are going back in service. CFEMS will continue to work diligently with hospitals to share ideas for better delivery of services.



Figure 2.4 Piedmont Midtown



Figure 2.5 St. Francis



Figure 2.6 Piedmont Northside

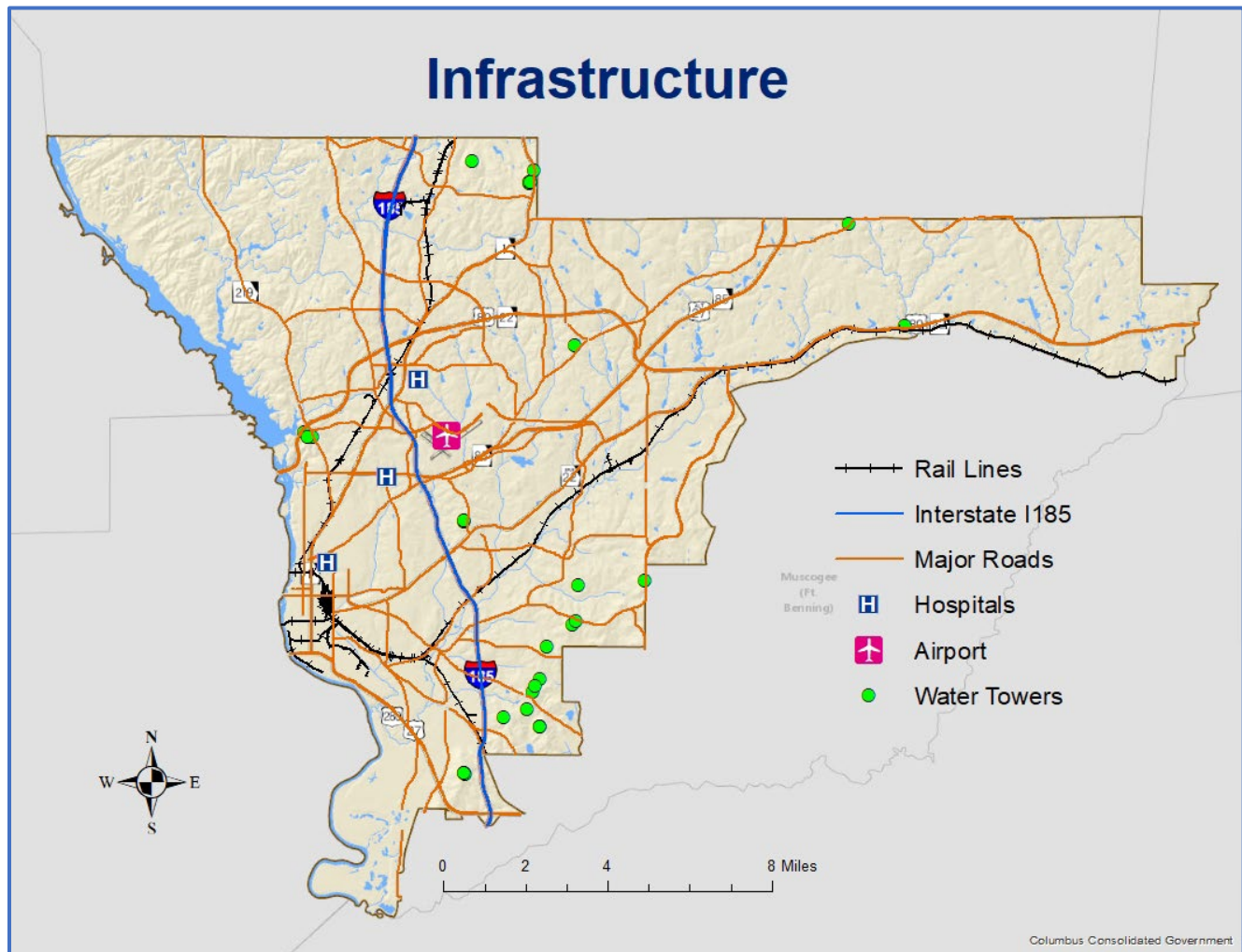


The 911 communications center Computer Aided Dispatch (CAD) was upgraded to Premier 1 CAD in September 2019. The 911 center maintains an operational back-up center that can be accessed quickly if the main center becomes non-operational.





Figure 2.6 Critical Infrastructure



## SECTION III: DESCRIPTION OF AGENCY PROGRAMS AND SERVICES

### *VISION*

To be a model of excellence by developing innovative leaders to meet the evolving needs of the community, thereby setting the standard for other departments through professionalism and commitment to the department mission and core values.

### *MISSION*

The Columbus Department of Fire and Emergency Medical Services is dedicated to the protection of life, property, and the environment by providing professional and courteous service of exceptional quality through incident mitigation, education, and prevention as an all-hazards response agency.

### *VALUES*

We, the members of the Columbus Department of Fire and Emergency Medical Services are committed to the following values in our interactions with coworkers and customers:

- Professionalism – In application, appearance, and attitude
- Respect – For each other, our Department, the Consolidated Government and our customers
- Integrity – Demonstrate honesty and fairness
- Diversity – Be open minded and responsive to the uniqueness of our community and department members without regard to race, age, gender, religion, ethnic origin, or sexual orientation
- Excellence – Strive to provide the very best service possible

## HISTORY OF CFEMS

Columbus' first volunteer fire department was established in 1831. In 1843, the service was ordained and chartered by Georgia State Legislation. It operated under a semi-paid plan from 1887-1898.

In 1898, city council adopted by ordinance a full paid department with twenty-six members. The ordinance gave the mayor and council the authority to elect the Fire Chief. As the city grew more personnel and apparatus were authorized and put in service.

In 2001, the Columbus Fire Department and Columbus Emergency Medical Services merged to become Columbus Fire and Emergency Medical Services. The merger, although stressful in the beginning, has produced a department better equipped to respond the needs of the community. All apparatus are staffed with a Georgia state certified firefighter that hold either an EMT-I, AEMT, or Paramedic certification.

Today, the Department provides community risk reduction, fire suppression, emergency medical services, hazardous materials response, and technical rescue services to the citizens and visitors of Columbus from fourteen (14) locations throughout the City. The department is currently organized into five (5) divisions: Fire Prevention, Operations, Logistics/Support, Emergency Management, and Training. The Chief of CFEMS serves as the Chief Administrative Officer and is responsible for the overall operation of the department. The Chief reports directly to the Mayor who serves as the Public Safety Director.

The City of Columbus has a PPC rating of 1/1x and the Department has maintained International Accreditation through the Center for Public Safety Excellence since 2002.

The department currently operates 30 daily units; technical rescue, hazardous materials and emergency management have units that operate as needed. Total number or percentage of operations personnel who are currently medically certified is 309 (95%). In 2002, the department began training personnel at the EMT-I level and in 2013 AEMT. Since the in-house EMT-I training was initiated the department has trained 284 personnel. The department began providing paramedic training in 2006 and has currently trained 87 (9 currently in class) personnel as



paramedics. The department is striving to achieve a response model that includes at its core personnel certified to render the most pre-hospital emergency care to the citizens and visitors of Columbus, Georgia.

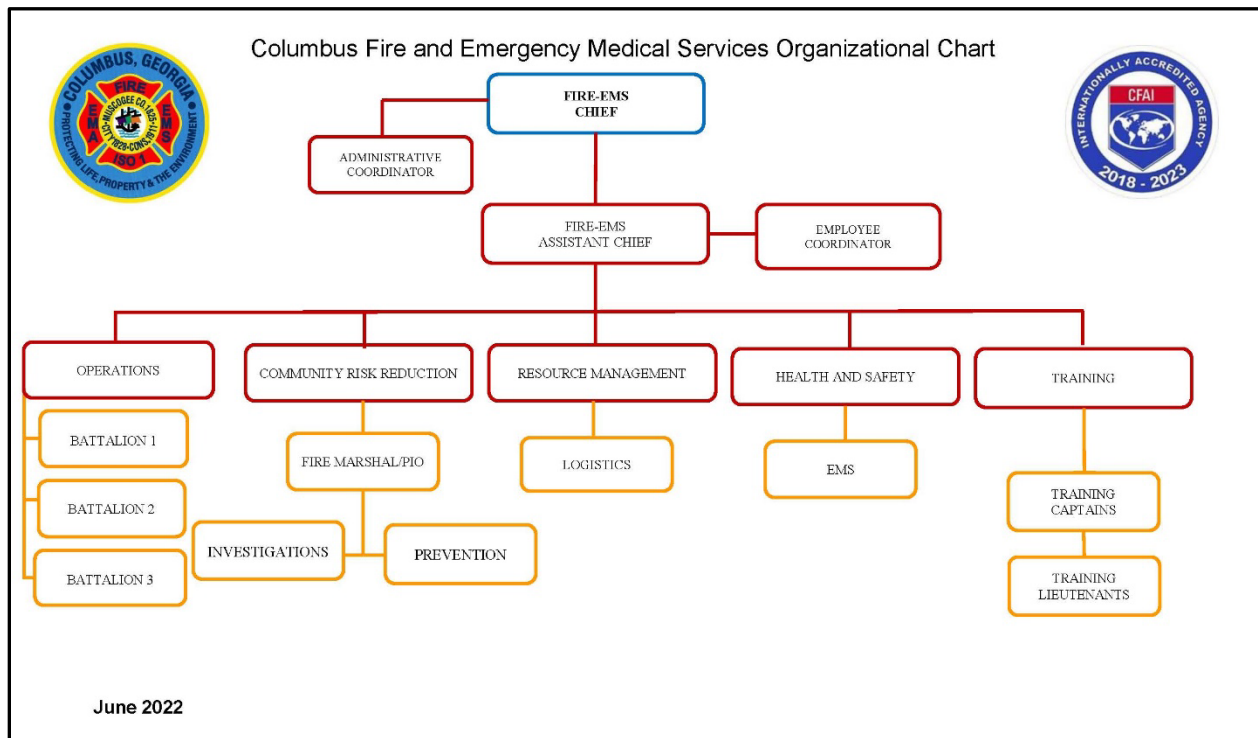
## ORGANIZATION

The department falls under the umbrella of Public Safety and is governed by the Mayor, who is also the Director of Public Safety. The Mayor is the official spokesperson for the consolidated government, presides at all meetings of the City Council, and is the Director of Public Safety.

The Chief, who reports directly to the Mayor/Director of Public safety, leads the department alongside an Assistant Chief and five Deputy Chiefs who oversee daily operations. There are five Deputy Chiefs (DC): DC of Training, DC of Community Risk Reduction, DC of Operations, DC of Administrative Services and DC of Health and Safety.

Field supervision is the responsibility of nine Battalion Chiefs who report to the Deputy Chief of Operations. Daily each station has a Captain or Lieutenant that oversees station operations and call mitigation. Station Officers report directly to Battalion Chiefs. (Figure 3.1)

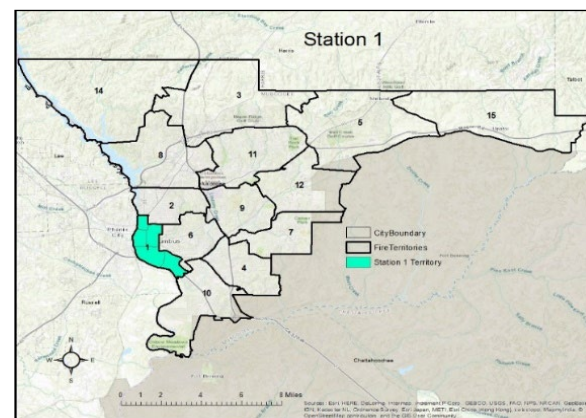
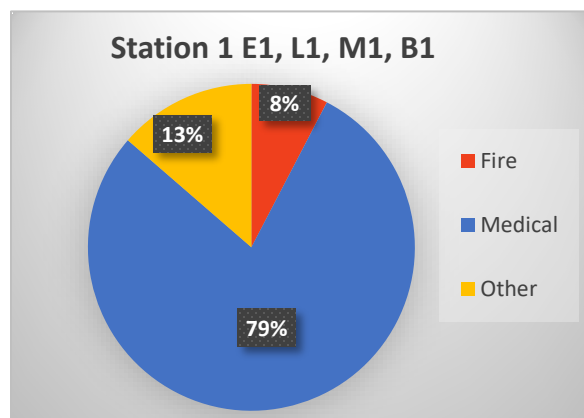
Figure 3.1: Organizational Chart



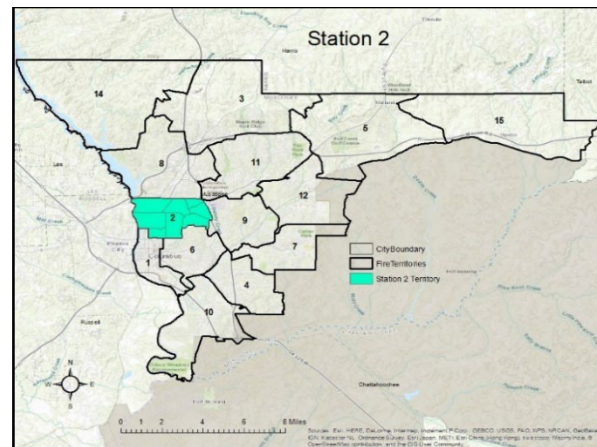
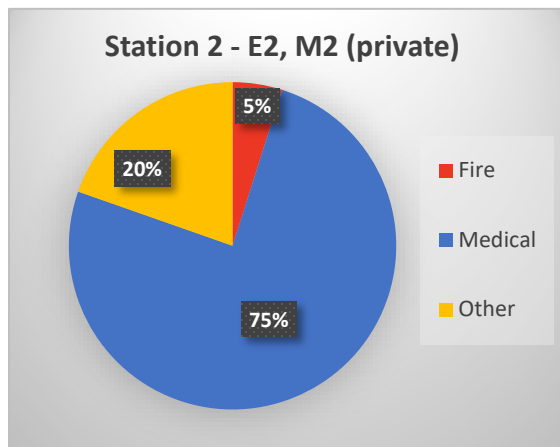
## FACILITIES

CFEMS currently operates out of 18 facilities, 14 of which house emergency response personnel and equipment. The remaining four facilities provide a variety of services to the department including training, logistics support, accredited Paramedic program, and administrative offices for CFEMS staff. The Department has identified three stations that will be renovated, and one replaced with funds approved in a 2021 special purpose local option sales tax (SPLOST) initiative.

### Fire Station 1 – 205 10<sup>th</sup> St.

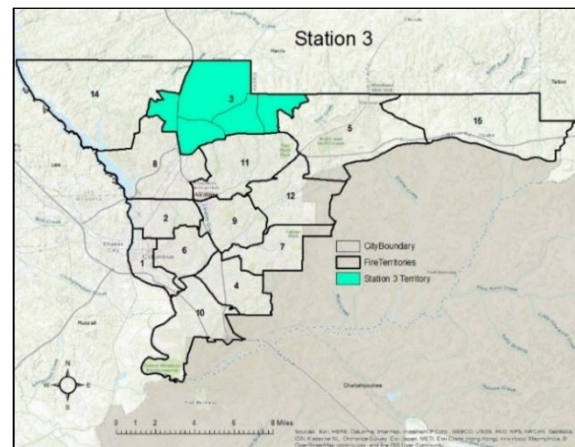
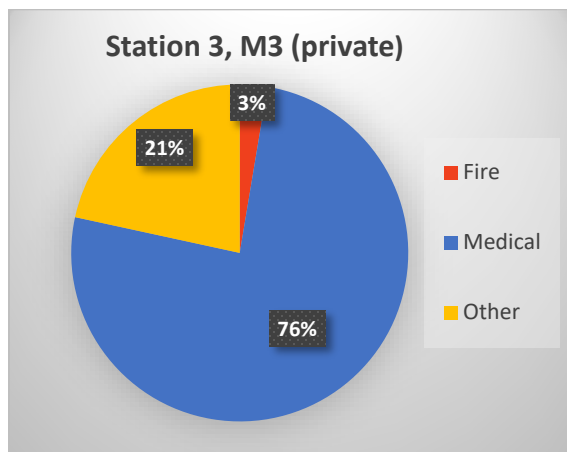


Fire Station 1 houses Engine 1, Ladder 1, Battalion 1, and Medic 1 who serve a district located the west central uptown area. Station 1 apparatus responses for 2016 thru 2021 totaled 28,612. This district services mix of occupancy, which includes Columbus State University Arts College, business and financial district, and historic uptown.

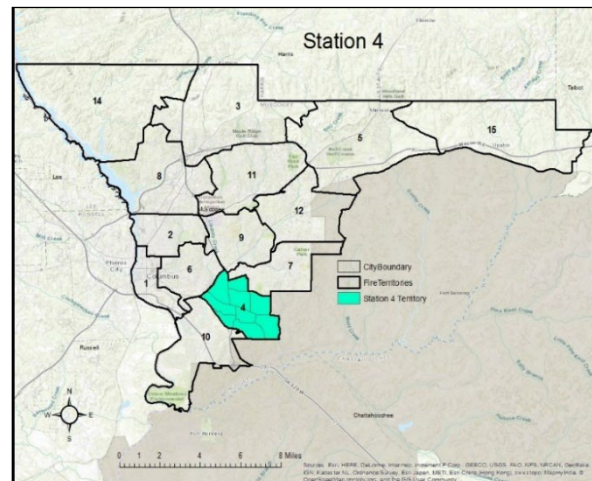
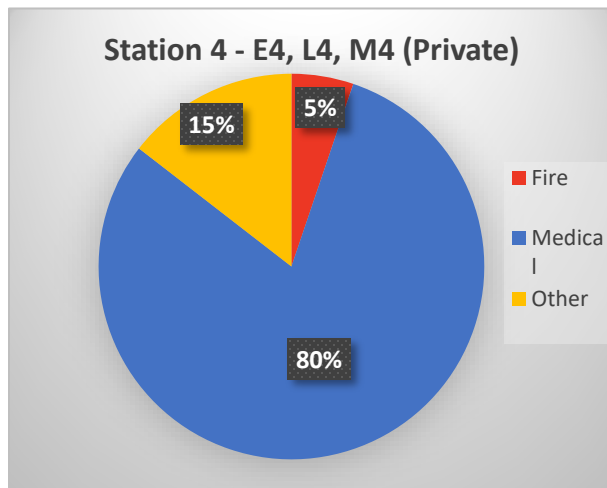
**Station 2 – 1047 33<sup>rd</sup> St.**

Fire Station 2 houses Engine 2, and Medic 2 (private) who serve a district located in the west central portion of the city. Engine 2 responses for 2016 through 2021 totaled 15,773. This district services mix of occupancy, which includes residential, hospitals, health department, multiple nursing homes, and numerous medical offices.



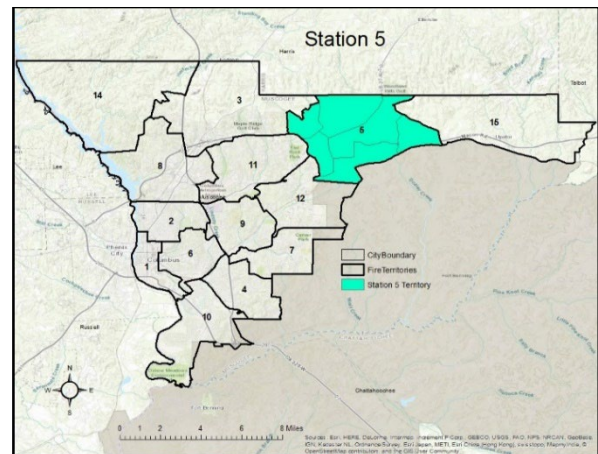
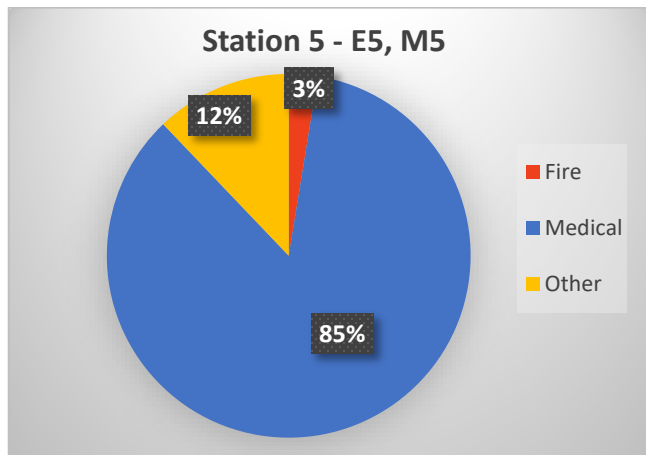
**Station 3 – 2000 American Way**

Fire Station 3 houses Engine 3, and Medic 3 who serve a district located in the north central portion of the city. Station 3 apparatus responses for 2016 through 2021 totaled 13,231. This district services mix of occupancy types, which includes residential, healthcare facilities, large, assisted living facilities, and a major shopping district.

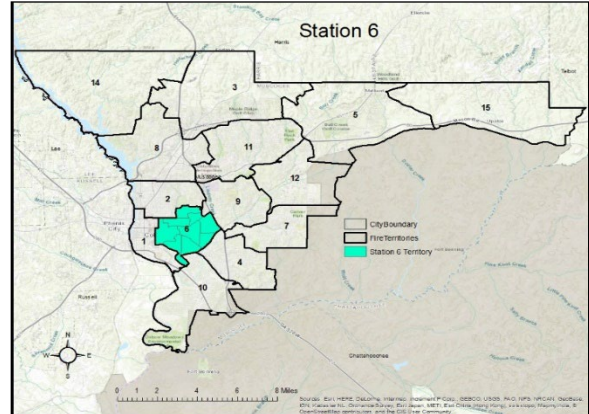
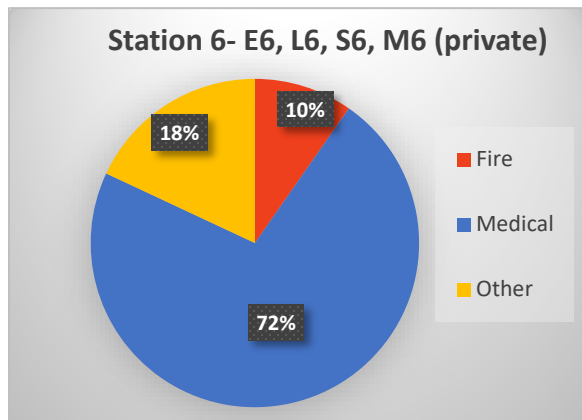
**Station 4 – 200 North Oakley Dr.**

Fire Station 4 houses Engine 4, Ladder 4 and Medic 4 who serve a district located in the southeast portion of the city. Apparatus responses for 2016 through 2021 totaled 25,096. This district services a mix of occupancy types, which includes primarily residential and small business.



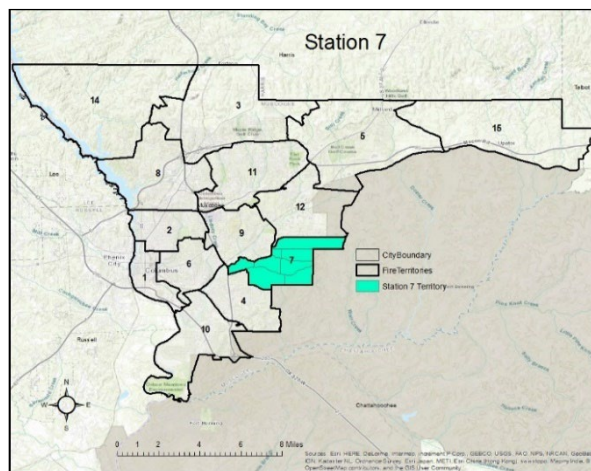
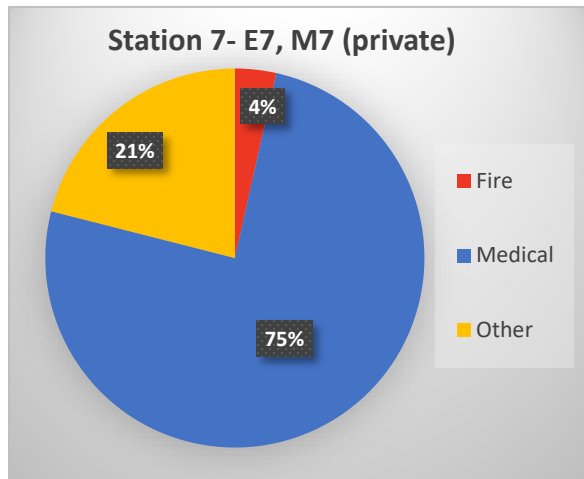
**Station 5 – 6700 Lynch Rd.**

Fire Station 5 houses Engine 5, and Medic 5 who serve a district located in the northeast portion of the city. Station 5 apparatus responses for 2016 through 2021 totaled 12,171. This district services mix of occupancy types, which includes primarily residential, major arteries, and industrial.

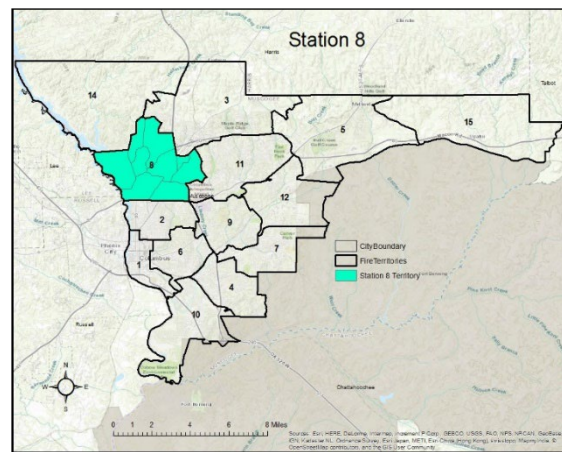
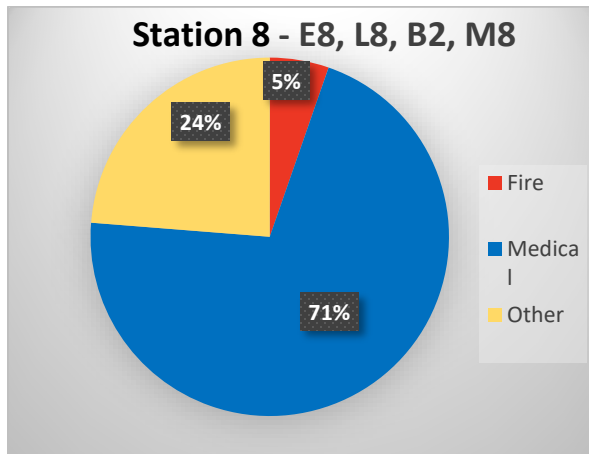
**Station 6 – 1126 Brown Ave.**

Fire Station 6 houses Engine 6, Ladder 6, Squad 6, and Medic 6 (private) who serve a district located in the midtown portion of the city. Station 6 apparatus responses for 2016 through 2021 totaled 31,250. This district services a mix of occupancy types, which includes primarily residential, major arteries, shopping, city infrastructure, and educational.



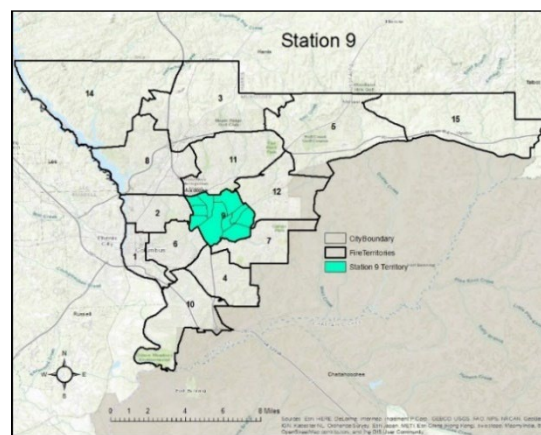
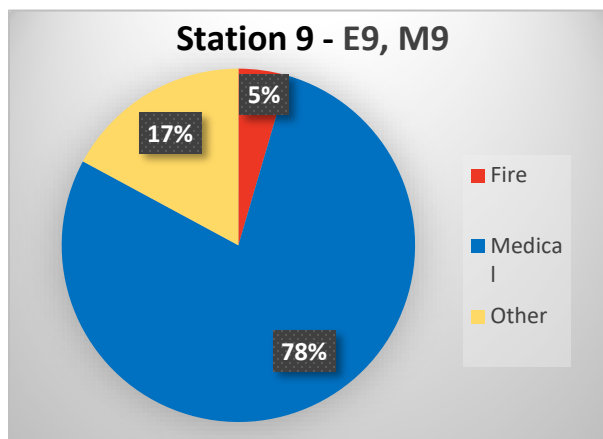
**Station 7 – 5343 Buena Vista Rd**

Fire Station 7 houses Engine 7, and Medic 7 (private) who serve a district located in the east central portion of the city. Station 7 apparatus responses for 2016 through 2021 totaled 11,710. This district services primarily residential with some business use occupancies.

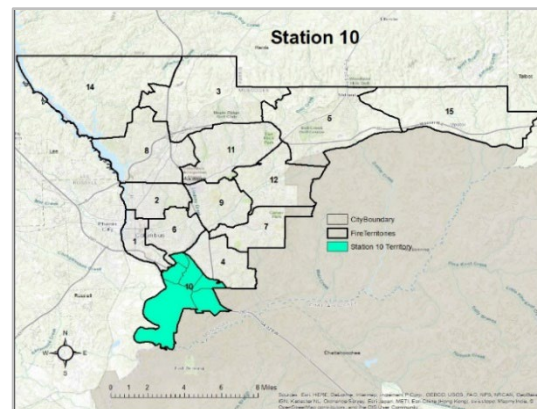
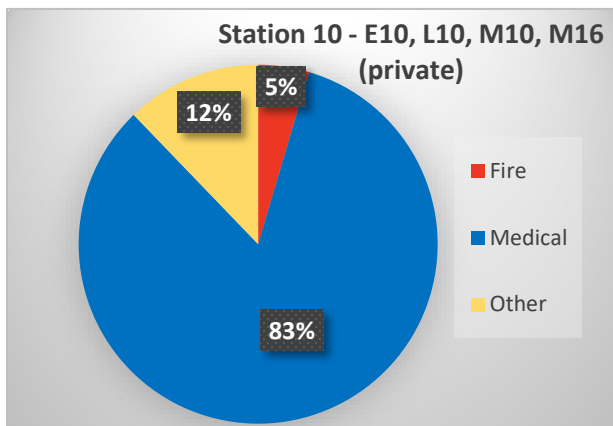
**Station 8 – 5844 Whitesville Rd.**

Fire Station 8 houses Engine 8, Ladder 8, Battalion 2, and Medic 8 who serve a district located in the northwest portion of the city. Station 8 apparatus responses for 2016 through 2021 totaled 20,118. This district services a mix of occupancy types, which includes residential, major arteries, shopping, industrial, and educational.



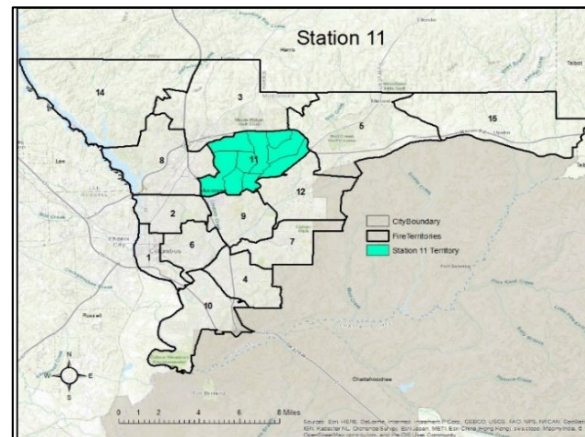
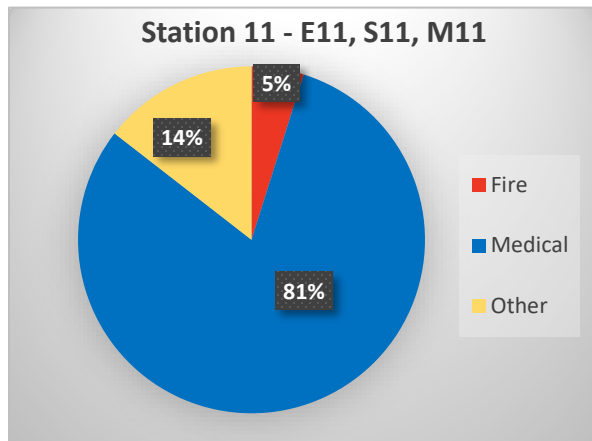
**Station 9 – 4191 Macon Rd**

Fire Station 9 houses Engine 9, and Medic 9 who serve a district located in the central portion of the city. Station 9 apparatus responses for 2016 through 2021 totaled 14,281. This district services primarily residential with some business use occupancies.

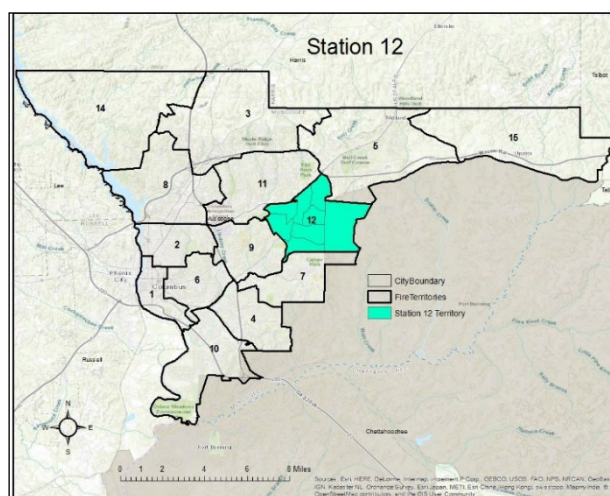
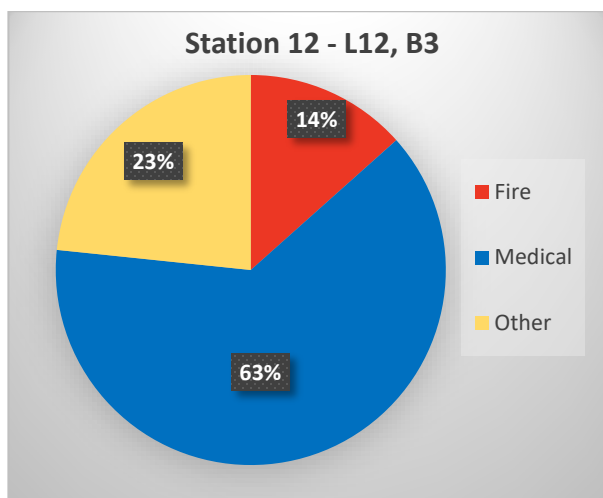
**Station 10 – 1441-U Benning Dr.**

Fire Station 10 houses Engine 10, Ladder 10, Medic 10, and Medic 16 (private) who serve a district located in the southern most portion of the city. Station 10 apparatus responses for 2016 through 2021 totaled 32,365. This district services a mix of occupancy types, which includes primarily residential, large public museum, major arteries, shopping, and educational.



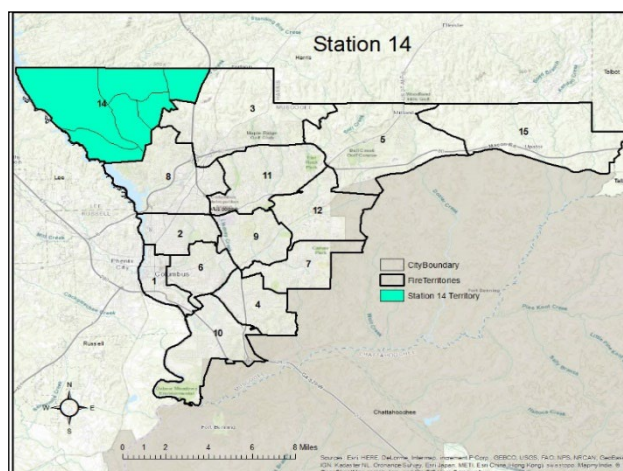
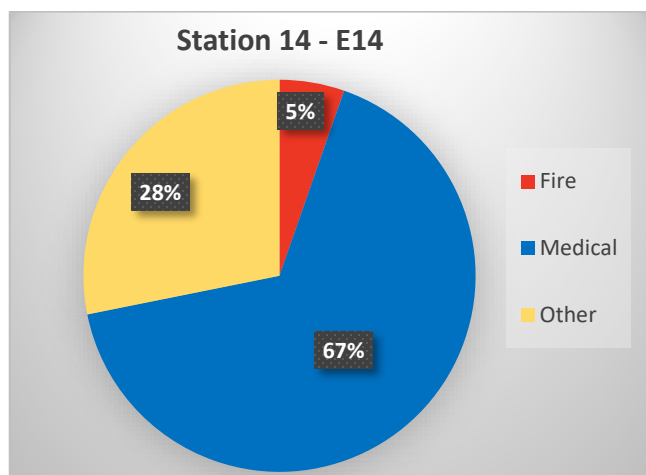
**Station 11 – 4617 Warm Springs Rd.**

Fire Station 11 houses Engine 11, Squad 11, and Medic 11 who serve a district located in the north central portion of the city. Station 11 apparatus responses from 2016 through 2021 totaled 25,940. This district services a mix of occupancy types, which includes primarily residential, commercial airport, shopping, industrial, and educational.

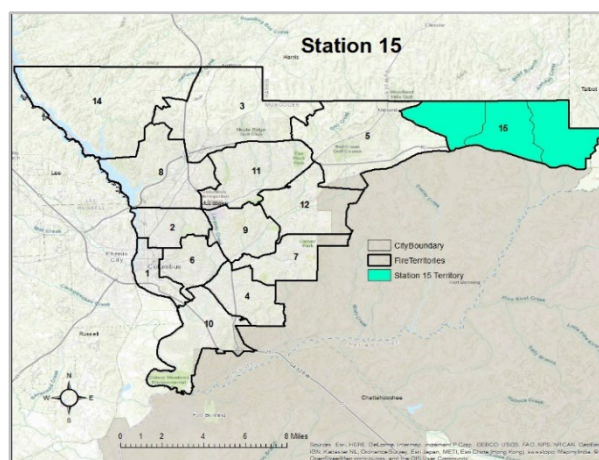
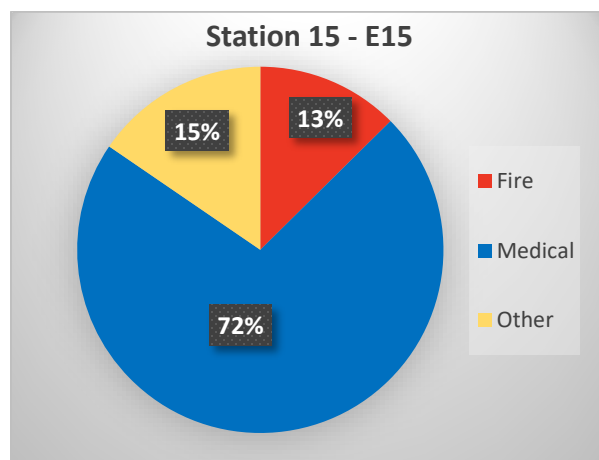
**Station 12 – 5225 Cargo Dr.**

Fire Station 12 houses Ladder 12, and Battalion 3 who serve a district located in the east central portion of the city. Station 12 apparatus responses for 2016 through 2021 totaled 7,198. This district services primarily residential with some industrial use occupancies.



**Station 14 – 1180 Old River Rd.**

Fire Station 14 houses Engine 14 who serve a district located in the northwest portion of the city. Engine 14 responded to 1,907 incidents for the period of 2016 through 2021. This district services primarily residential areas.

**Station 15 – 7301 McKee Rd.**

Fire Station 15 houses Engine 15 who serve a district located in the eastern most portion of the city. Engine 15 responded to 699 incidents for the period of 2016 through 2021. This district services primarily residential areas.

---

## SERVICES

CFEMS is a full-time, paid, fire and emergency services department with no volunteer resources. CFEMS's current level of service is adequate to deliver the services expected by the community for most incidents. For those rare incidents that tax the capacity of the department, external agency agreements have been established to provide additional resources if necessary. This level of service satisfies the expectations of Columbus' citizens and elected officials. The Department provides Fire Suppression, Emergency Medical Services, Hazardous Materials Response, Technical Rescue, Swift Water Rescue, and is a Georgia Search and Rescue Task Force (Team 4A). The County's 911 system is operated by the police department and has the responsibility of dispatching for every department within the city that requires 911 services.

CFEMS has fourteen strategically located Stations equipped with 13 engines, 6 ladder trucks, and 2 squad trucks staffed daily. CFEMS also has a dive truck, GSAR truck, trench truck, hazardous materials unit, and Emergency Management command bus that are staffed as needed. Six of the 14 stations are equipped with a CFEMS Advanced Life Support (ALS) transport ambulance. The department contracts with two private ambulance companies that provide three 24-hour ambulances. Engine minimum staffing is 4 (officer, driver and 2 FFs), Ladder minimum staffing is 3 (officer, driver, FF), (exception is Ladder 12 and it is staffed with two firefighter's due to it functioning as an engine on many occasions), Squad minimum staffing is 4 (officer, driver, 2 FF's). (Macon) Eleven of our fire apparatus are designated ALS and are staffed with a Firemedic when staffing allows. Station 6 houses the department's hazardous materials team, Station 9 and Station 11 provide technical rescue responses. Station 1 is designated as the swift water and dive rescue response team. Ambulances are staffed with one Firemedic and one EMT-Intermediate or one Advanced EMT. The Deputy Chief of Operations monitors staffing to ensure Battalion Chiefs are following the departments staffing guideline. With the transition of more officer medics than firemedics, the department is transitioning into a delivery model that will allow for ALS care reaching citizens in a timelier manner. Firemedics will be placed on all fire apparatus and ambulances will be staffed with AEMT's and EMT-I's.



## DEPARTMENT DIVISIONS

### Community Risk Reduction (CRR)

- CRR is responsible for the enforcement of life safety codes, issuance of permits, and plan review for suppression/detection systems, flow tests, new hydrant placement, conducts life safety inspections, and the development and implementation of the Community Risk Reduction Plan. They are involved with numerous fire and life safety initiatives that improve the safety of our citizens. These programs include the following: Free Home Safety Survey, Residential Carbon Monoxide Checks, School Fire Safety Education, Juvenile Fire Setter Program, Free Smoke Alarm Installation, and Community Improvement Projects.
- The division maintains a Georgia certified law enforcement agency. This division also investigates fires for cause and origin, is responsible for prosecution of fire related criminal activity and responds to customer inquiries and complaints. The division is aided by an Accelerant Detection K-9 team.

### Operations (Macon)

- The Operations Division is responsible for delivering fire suppression, emergency medical services, and specialized rescue services to include hazardous materials emergency response, high angle rescue, confined space rescue, trench rescue, and water rescue/recovery to the community. The division has a total staff of 348 sworn personnel. The city is divided into three battalions with a minimum of 95 personnel on duty per shift. Personnel work a 24/48- hour work schedule. The Division responds multiple units to the majority of approximately 57,000 emergency responses annually. The division operates from fourteen stations which, house a total of thirteen engine companies six ladder companies (Quints), three command vehicles, two squad companies, one Georgia Search and Rescue (GSAR) heavy rescue unit, and twelve advanced life support ambulances (six operated by private ambulance services). The Operations Division is managed by one Deputy Chief that oversees the day-to-day operations and one Rescue Captain/coordinator that manages all special operations' resources including training and equipment and assists in Special Operations incidents.



- The division has Thermal Imaging Cameras (TIC) on every engine company, ladder company, and squad company throughout the department. Each apparatus is equipped with an Automatic External Defibrillator or cardiac monitor and a full complement of first responder equipment. Extrication equipment is placed strategically throughout the city for accessibility and is located on every ladder company, both squad companies and Engine 15.

### **Resource Management**

- The Resource Management Division is responsible for the budget process to include research/development, procurement, bid specifications, and ensuring the efficient repair/replacement of all emergency equipment assigned to the department. The division works closely with other city departments to ensure the efficient repair of the department's facilities and vehicles. The division supplies fourteen stations with emergency and non-emergency equipment and is responsible for all records pertaining to the repair/replacement of all personal protective equipment to include the required testing, repair, and replacement of self-contained breathing apparatus. The division provides rehabilitation services at emergency incidents and is responsible for issuing uniforms and personal protective equipment to all sworn personnel.

### **Training**

- The Training Division conducts and coordinates all department training activities including but not limited to recruit training, fire suppression, emergency medical, rescue, officer development, national incident management system (NIMS) and other training programs as necessary to meet established state and federal mandates each year. The division is responsible for ensuring that all department members meet the training requirements as set forth by the National Fire Protection Association (NFPA), Insurance Services Office (ISO), Georgia Firefighter Standards and Training, Columbus Consolidated Government, Georgia Department of Human Resources, and the internal requirements of the Department of Fire and Emergency Medical Services.

---

## COMMUNITY RISK REDUCTION/OUTREACH

CFEMS is dedicated to reducing risk within the community. The Community Risk Reduction consist of Inspections, Fire Investigations and Public Education. The departments Public Education program educates on average 15,266 children (pre-K through 6<sup>th</sup> grade) and 824 (65+) adults in the areas of fire and injury prevention. The Inspections personnel ensure that businesses within Columbus follow local and state laws to provide a safe environment for employees and citizens. Through fire investigations, data is gathered as to the origin and cause of fire events; that information can later be incorporated into the public education program. The department offers free smoke detectors and installation for citizens. Through a collaboration with the Red Cross, the department has conducted community smoke detector initiatives that target a chosen geographical section of the city for door-to-door contact with citizens for smoke detector installation and fire safety education. Field personnel are the department's main providers of public education; through school visits and station visits, our personnel interact with their community frequently. The department distributes hundreds of educational materials annually; more emphasis has been placed on Spanish literature to ensure all citizens within the community are educated in fire safety.

The Fire Marshal oversees Fire Inspectors, Fire Investigators, Public Education, plan reviews, and issues permits. The Fire Marshal is also the department's public information officer.

---

## FIRE INVESTIGATIONS

The Investigative Services section of Community Risk Reduction has three full time investigators and maintains at least three reserve investigators who serve in field operation positions when not needed for fire investigations. The three investigators work 24 hours on a designated shift. Reserve investigators fill in during vacations, sick leave, etc.

CFEMS has adopted NFPA 921 "A Guide for Fire and Explosion Investigation" and NFPA 1033 "Standard for Professional Qualifications for Fire Investigator". The principles and practices of NFPA 921 and NFPA 1033 are part of the instruction curriculum of the Georgia Public Safety Training Center's Arson Investigation Program. CFEMS personnel must complete this training prior to being placed in the position of Fire Investigator. Each Fire Investigator is required to utilize these best practices as part of a systematic approach to their fire scene investigations.

The department is authorized through City ordinance to investigate the origin, cause, and circumstances of any fire in the jurisdiction. The Georgia Peace Officer Standards and Training Council (POST) has recognized the City of Columbus, Department of Fire and Emergency Medical Services as a law enforcement agency as defined in O.C.G.A. 35-8-2et. Seq.

---

## PUBLIC SAFETY EDUCATION

The Community Risk Reduction Division takes a pro-active approach to public fire safety education. The department offers a variety of safety-oriented programs to the public such as free smoke detectors installations, free home safety surveys, classes on fire extinguisher usage, presentations and consultations with corporate officials, speeches to civic groups and takes full advantage of local media and social media platforms in an effort to promote fire safety. The Community Risk Reduction Division utilizes the findings of the Community Risk Assessment to determine areas of concentration for the Public Education Program.

The majority of public safety education programs conducted are within the Muscogee County School District, local private schools and child daycare centers. Initiated in 1992, it is an in-depth program that is provided for all Muscogee County schools. The Community Risk Reduction Division strives to instill in children positive fire safety behaviors through these school-based programs. Children in the system learn positive safety values at an elementary level and carry it with them throughout their life. The school programs are focused on children in pre-K through the 6<sup>th</sup> grade. The Division also focuses on the elderly population age 65+ through Fire Safety education provided to large group centers and neighborhood civic groups.

---

## YOUTH FIRE SETTER INTERVENTION

The department conducts juvenile fire setter intervention sessions with identified participants through one of the inspectors who is formally trained to conduct the session. The sessions are conducted in a structured and private environment with the legal guardian's permission. A log of all participants is kept by the inspector who coordinates with the fire investigators in providing this service.

---

## PUBLIC ACCESS DEFIBRILLATION

Effective bystander CPR, provided immediately after cardiac arrest, can double a victim's chance of survival. Providing the public access to an AED should further increase the likelihood of a victim surviving cardiac arrest. The City has placed AED in all government buildings to ensure accessibility of early access defibrillation is available to citizens that may experience a cardiac emergency while visiting government facilities. There are businesses throughout the community that have AEDs to protect their employees as well as any patron that visits their business.

---

## STAFF

CFEMS is authorized to fill 381 positions: 374 sworn and 7 civilian. Fire suppression personnel are assigned to one of three shifts: A, B or C. Each shift works 24 hours on-duty and 48 hours off-duty. Minimum on-duty staffing for each shift is 94 people consisting of three battalion chiefs, eight captains, 13 lieutenants, 21 sergeants (drivers), and 49 firefighters.

Sworn personnel are trained to respond to fire-related incidents, medical emergencies, hazardous materials incidents (HAZMAT), technical rescues, mass casualty, and other emergencies. All new recruits are being hired and trained to Firefighter II, Hazmat Operations and Advanced EMT (AEMT). CFEMS provides Advanced Life Support (ALS) by requiring at least one Firemedic on all ambulances and many of the engines. CFEMS has an accredited paramedic program that trains an average of 15 Paramedics annually. Contracted ambulance providers must be equipped as advanced life support, with a minimum of one paramedic per ambulance.

---

## ATTRITION AND RECRUITING – NEED #'S TO UPDATE CAHRTS

In 2021, a diverse recruitment team was formed with volunteer field personnel to assist in the department's goal of being more representative of the community we serve. The team will attend job fairs targeting high school students, explore recruitment opportunities through a partnership with Fort Benning, as well as explore other opportunities available within the community and surrounding jurisdictions. The charts below show the current demographic of the department as well as current retention rates of new hires (First 24 Months). The recruiting efforts of the department are an effort to create a more diverse workforce that is reflective of our city's



demographic. In addition, in the targeted recruiting is an effort to increase retention rates within our newly hired employees to create a more experienced workforce.

<b>2022 Department Demographics</b>							
<b>Caucasian Male</b>	<b>Caucasian Female</b>	<b>African American Male</b>	<b>African American Female</b>	<b>Hispanic Male</b>	<b>Hispanic Female</b>	<b>Other Male</b>	<b>Other Female</b>
251	14	63	11	12	1	4	0
70.11%	3.91%	17.60%	3.07%	3.35%	0.28%	1.12%	0.00%

<b>2021-2022 Cadet Demographics and Retention</b>							
	<b>Caucasian Male</b>	<b>Caucasian Female</b>	<b>African American Male</b>	<b>African American Female</b>	<b>Hispanic Male</b>	<b>Other Male</b>	<b>Total</b>
Hired	56	7	36	6	4	3	112
Resigned/Terminated	15	2	20	3	2	1	43
Percentage	26.79%	28.57%	55.56%	50.00%	50.00%	33.33%	38.39%

<b>2021 - 2022 Cadet Separation Factors</b>						
<b>EMT School</b>	<b>Fire School</b>	<b>Physical</b>	<b>Discipline Reason</b>	<b>Job Change</b>	<b>Family Reason</b>	<b>Total</b>
11	3	7	7	10	5	43
25.58%	6.98%	16.28%	16.28%	23.26%	11.63%	N/A

## RESOURCES

### ENGINE

Thirteen of our fourteen stations have one engine with the exception being Station 12 that is equipped with one ladder truck. All engines are NFPA designated 'triple combination' engines, equipped with a 1500 GPM fire pump, hose complement, and water tank. The minimum staffing on an engine is four personnel (see SOG 02-200 Response Guideline): one officer, one driver, and two firefighters. The role of the engine company during fire suppression operations is to pump water onto the fire through a variety of fire hoses and associated appliances to lower the

temperature of the fuel below its ignition temperature thereby extinguishing the fire. The engine crew also operates hose lines, conducts search and rescue, and performs any other duties conducive to quick and effective fire containment that contributes to saving lives and protecting property. This unit and crew provide a variety of emergency medical services capabilities.

---

## LADDER

There are six ladder truck companies strategically placed throughout the city. The length of the aerial ladders varies in length but range from 75-105 feet. All frontline ladder trucks have the capacity to pump water with a 1500 GPM pump. The minimum staffing on a ladder truck is three personnel (one officer, one driver, and one firefighter) (see SOG 02-200 Response Guideline); exception is Ladder 12 staffed with four personnel (one officer, one driver, and two firefighters) (see SOG 02-200 Response Guideline). Ladder trucks provide elevated work platforms and master streams, when the situation dictates, and otherwise they aid in fire suppression efforts conducted by engine companies including entry and ventilation. All ladder trucks carry a complete complement of first-line hydraulic extrication equipment, spreaders, cutters, forced entry tools, etc., and are routinely dispatched to rescue calls. This unit and crew provide a variety of emergency medical services capabilities.

---

## SQUAD

CFEMS operates two squad trucks: one at Station 6 and one at Station 11. Minimum staffing is four; one officer, one driver, and two firefighters (see SOG 02-200 Response Guideline). Squad 6 acts as the department's hazardous materials truck as well as providing manpower, lighting and air tank refill at fire and rescue scenes. Squad 11 personnel are trained at a minimum level of hazardous materials operations as well as technical rescue technicians.

---

## BATTALION CHIEF

Minimum staffing is one battalion chief/acting battalion chief assigned to each of the department's three battalions over three squads for a total of nine battalion chiefs. The vehicle is either a Ford F250 truck or Ford Explorer.

---

## COMMAND

CFEMS operates one command unit through the Emergency Management Department. It is dispatched to major incidents that have the potential for an extended duration. The mobile command vehicle is an RV-style bus with a variety of resources on-board. It has air conditioning and heat, communication tools, restroom, and space for the on-scene command staff to set up a command post. The unit is self-sustaining with a diesel-powered generator for electrical power.

---

## EMS

CFEMS currently staffs six 24-hour transport ambulances. They are staffed with one Firemedic and one EMT-I or AEMT. All apparatus are at least medical first responder units (MFRU) and staffed with EMT-I's or AEMT's. The city has contracted with two private ambulance services to supplement ambulance transport services and respond to 911 calls from CFEMS stations. Community Ambulance and EMS Care each provides three 24-hour trucks. The contract was renewed in 2020.

---

## HAZARDOUS MATERIALS

CFEMS has 81 members assigned to the Hazardous Material Teams (HMT's). The teams are located at Station 6 and Station 11 on three different shifts. The department's Special Operations Captain directs the HMT in training, exercises, and leadership. The Special Operations Captain also meets with the hazmat team officers on a biannual basis, or as needed, to discuss issues involving training, personnel, policies, procedures, and equipment procurement.

### HAZMAT EQUIPMENT

<u>Station 6</u>	<u>Station 11</u>
Engine 6: 2016 E-One Typhoon pumper	Squad 11: 2016 E-One Cyclone II 20' non-walk in box with special storage compartments.
Ladder 6: 2016 E-One Cyclone II 100' Quint	
Squad 6: 2017 E-One Cyclone II 22' non-walk in	
Decon 6: 2004 E-One Cyclone 20' non-walk in w/ command unit	

---

## TECHNICAL RESCUE

CFEMS has 90 members assigned to the Technical Rescue Team (TRT). The members are located at Station 1, Station 9, and Station 11 on three different shifts. The department's Special Operations Captain directs the TRT in training, exercises, and leadership. The Special Operations Captain also meets with team officers on a biannual basis, or as needed, to discuss issues involving training, personnel, policies, procedures, and equipment procurement.

### TRT Equipment

<u>Station 1</u>	<u>Station 11</u>
Rescue 1: 1997 NaviStar international 18ft. non-walk-in box	Squad 11: 2016 E-One Cyclone II 20' non-walk in box with special storage compartments allowing operation as a squad unit.
Rescue 2: 2015 Ford F-250 4x4	<u>Station 9</u>
Rescue 4: 1995 International w/ 48' goose neck tractor	Rescue 3: GSAR TF 4A 2009 Spartan Custom crew cab tractor pulling a General Safety utility trailer approximately 53' long.
Trench Rescue: Homesteader 20' x 8' tow-behind trailer	
Boat 1: 18' Alum-craft w/ 60 HP jet drive	
Boat 2: Inflatable Zodiac boat w/ a E-tec jet pump engine	
Jet Ski 1: Two 2022 Sea-Doo GTI SE 170	

## SECTION IV: ALL-HAZARD RISK ASSESSMENT

Risk Assessment is a core component of Community Risk Reduction within the Columbus Department of Fire and Emergency Medical Services. With a thorough evaluation of the risks, specific to Muscogee County, the department can plan mitigating strategies for potential threats to the public's safety. CFEMS identifies risk based on the nature and magnitude of hazards and risks within the geographic boundaries of Muscogee County, Georgia.

### METHODOLOGY:

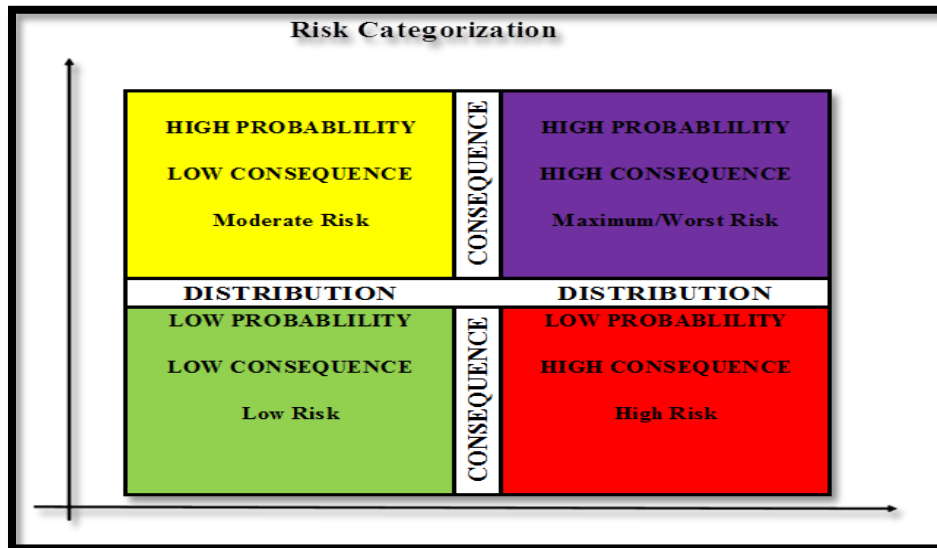
The Department utilizes a Two-Axis methodology to qualify the risk level from each hazard. The model is used to rate the risk based on the estimated frequency and consequence/impact of an event. The Department uses this information to determine proper distribution and concentration of its emergency response resources for a given hazard or risk. In simple terms:

**Increased Impact = Increased Concentration.** (Figure 4.1: Risk Categorization)



## PROBABLITY/CONSEQUENCE MATRIX

Figure 4.1: Risk Categorization



The department's risk assessment is shared with external partners (Ex. Piedmont Health Care, Safe Kids, Adult Trauma Injury Prevention Committee) to determine the community risk mitigation strategies and tactics. The Community Risk Assessment is updated on a five (5) year basis.

### Risk Identification:

The Columbus Department of Fire and Emergency Medical Services has identified several hazards to the community to include Fires, Emergency Medical Incidents, Hazardous Materials Incidents, Technical Rescue Incidents, Domestic Preparedness and Social Vulnerability.

### Risk Assessment:

The agency assesses each risk/hazard based on probability of occurrence and community impact. While probability is described as the likelihood that a given risk/hazard will occur, community impact is best described as the magnitude or reasonably expected loss that will be experienced.

### Risk Classification:

The agency classifies these hazards per several programs, which include, Emergency Management, Fire Suppression, Emergency Medical Services (EMS), Technical Rescue, Hazardous Materials, Community Risk Reduction and Domestic Preparedness. For example: Fire risks most directly affect the Fire Suppression Program and are classified as such.

## Risk Categorization

The agency categorizes the threat each hazard poses within each program area on a scaled grading system (Low, Moderate, High, and Very High)

## SEVERE WEATHER

### TORNADO EVENT PROFILE

While the Dixie Alley, the region of maximum tornado frequency, is a nickname sometimes given to areas of the southern United States that are particularly vulnerable to strong or violent tornadoes. This is distinct from the better-known Tornado Alley and has a high frequency of strong, long-track tornadoes that move at higher speeds (50+ miles per hour). Dixie Alley includes much of the area of the lower Mississippi Valley. It stretches from eastern Texas and Arkansas across Louisiana, Mississippi, Tennessee, Alabama, Georgia, to upstate South Carolina and western North Carolina; the area reaches as far north as southeast Missouri and southwest Kentucky. The State of Georgia has experienced at least 1,500 tornadoes since 1950, with at 454 of them being classified Category EF2-EF5, strong to violent. Columbus-Muscogee County was hit by at least 14 Tornadoes and one funnel cloud since the 1950s. (Figure 4.2: Tornadoes)

### Columbus-Muscogee County Tornado Events 1953-2019

Figure 4.2: Tornadoes

DATE	TORNADO F SCALE	DEATHS	INJURIES	DAMAGE PROPERTY
4/18/1953	F3	2	300	\$25,000,000
2/22/1961	F1			\$25,000
3/31/1961	F3			\$25,000
5/16/1966	F1		11	\$2,500,000
5/1/1978	EF2		3	\$2,500,000
11/20/1983	EF1		2	\$250,000
3/29/1991	EF0			\$2,500
5/5/1991	EF1			\$250,000
11/22/1992	EF1			\$250,000
3/13/1997	EF1		1	\$775,000
11/15/2006	EF0			\$500
3/1/2007	EF2		1	\$28,000,000

4/19/2009	EF1			\$3,000,000
4/3/2017	EF1			\$100,000
3/3/2019	EF3			\$500,000

*Source: National Climatic Data Center*

In Columbus-Muscogee County, there are approximately 84,182 structures, of which 71,450 are classified residential, 11,393 commercial, 147 industrial, 52 agricultural, and 647 religious/non-profit. The remaining 493 structures are essential facilities and include 326 government, 113 education, and 54 utility structures.

The 83,689 non-critical structures potentially are all exposed to the threat of a tornado, just like the identified critical facilities. The total population of Columbus-Muscogee County, 206,922 residents, is endangered by a tornado. Older, non-critical private homes are especially at risk of being damaged by high winds or tornados. In Columbus-Muscogee County, 28.9% of all housing units were built before 1960. These houses, older than 45 years, may be more vulnerable to natural hazards than newer houses.

## FLOOD EVENT PROFILE

---

Floods are defined as the rising of bodies of water, such as rivers and streams, overflowing their natural or artificial banks and submerging normally dry land. These high-water stages are often related with severe tropical storms or torrential rains from hurricanes. Floods can be slow, as the result of extended rain or a storm event, or fast rising, as the result of a flash flood. Flash floods and dam failure can be expected when an area is affected by large amounts of rainfall in a short time. However, flooding usually develops over a period of days.

Much has been done in Columbus-Muscogee County to reduce damage from flooding. Due to the County's proximity to the Chattahoochee River and to the Atlantic and Gulf Coasts, risk of flooding due to tropical storms is high, but the probability of this type of flooding causing extensive damage is moderate. (Figure 4.3 Flood Zones)

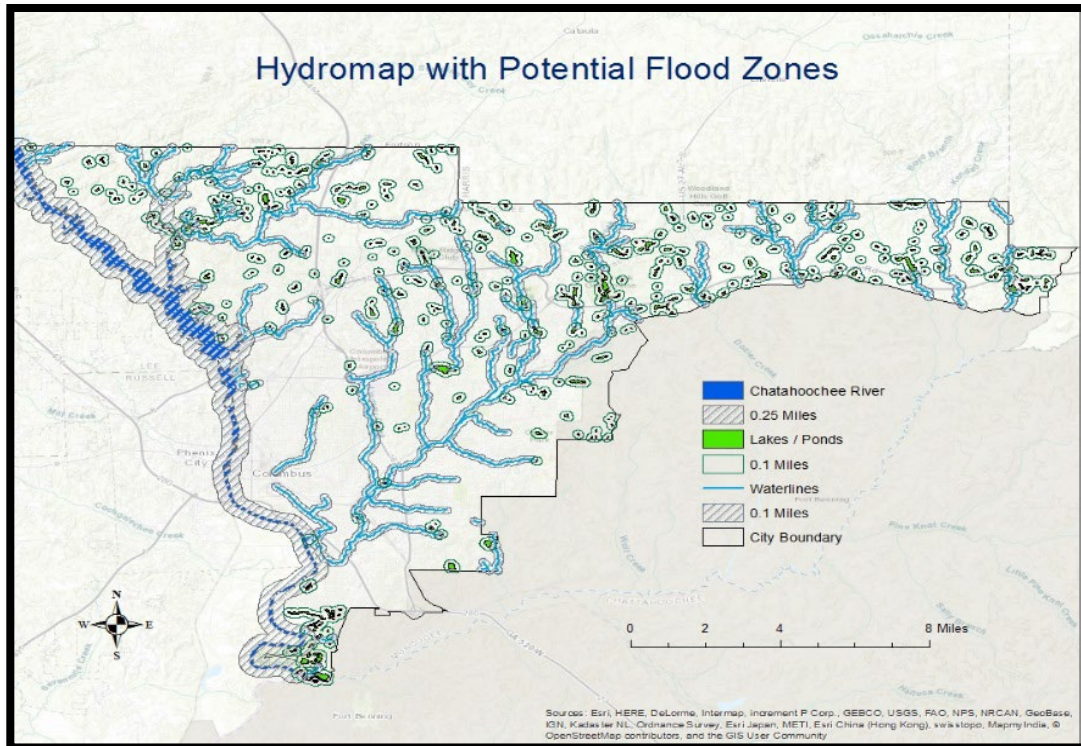


Figure  
4.3:

Flood Zones



---

## FIRE EMERGENCIES:

---

### FIRE FLOW AND WATER SUPPLY

---

The City of Columbus receives its water supply from the Columbus Water Works, which is a public utility. The water supply is taken directly from the Chattahoochee River at Lake Oliver. The Columbus Water Works maintains 1,163 miles of water main and 12 storage tanks with 15.8 million gallons of storage. Normal draw for the system is 32.35 million gallons per/day, however 90 million gallons per/day is permitted. The system has 14 pumping stations with a capacity of 148 million gallons daily. The supply is distributed through three (3) distribution systems, the North Columbus Zone, the High Service Zone, and the Gravity Zone. CWW plans continually to enhance its redundancy and security capabilities related to water supply and has regular update/ planning/ coordination/ communication meetings with the Columbus Department of Fire and EMS, which have proven to be mutually beneficial. According to Columbus Water Works records, there are seven thousand two hundred and seventy-two (7,272) hydrants on the city system with new hydrants added for new development. Maintenance of hydrants installed on private property is the responsibility of the property owner. Of the 7,473 hydrants, 201 are private.

---

### STRUCTURE RISK CATEGORIZATION:

---

For business, commercial, industrial, and multi-family residential structures the agency utilizes an occupancy vulnerability assessment scoring system (OVAP) to categorize the fire risk in each structure.

Occupancy types assigned a higher score are considered to be more critical than those with a lower score. A score should be assigned to each of the following categories:

- Number of occupants/life safety
- Building construction
- Impact (including economic) to the community
- Number of stories
- Presences of automatic fire suppression/detection systems
- Overall size (square footage)
- Number of fire hydrants nearby

- Level of hazard
- Building usage

The structure is scored in (10) ten areas of concern and given an overall rating from Low risk to Very High risk based on the numerical score assigned.

## LOW RISK

---

**Low-Risk** properties are those, which, if involved in fire, represent a minimal threat to the community. These are less likely to have significant loss of life or financial impact because of the fire. Examples of Low-Risk properties are not limited to but, include open tracks of land, rubbish fires, vehicle fires, and detached Storage Buildings.

## MODERATE RISK

---

**Moderate-Risk** properties usually have an occupancy load from 26-75 and represents a moderate community impact. These structures have monitored fire detection and at least partial fire suppression. At least 2 or more hydrants are located within 1000 feet and is usually used as a multi family residence. The building construction is ordinary type 3 and usually 2 stories in height. The total square footage is from 5000 square feet to 14,999 square feet. Note: For the purposes of this document 1 and 2 family dwelling are of moderate risk.

## HIGH RISK

---

**High-Risk** occupancies are described as having an occupancy load from 76-125, represent a high community impact if lost and usually have only monitored fire detection with no fire suppression capability. These structures may have only 1 hydrant within 1000 feet and may be used as industrial/large business/large residential. These structures may be constructed using heavy timber and may range in height from 3-5 stories. The square footage is usually from 15,000 square feet to 29,000 square feet and could be minor infrastructure or contain some hazardous materials.

## VERY HIGH

**Very High-Risk** structures may have an occupancy load over 126 represent a very high community impact if lost and may have no fire alarm or fire suppression capability. These structures may have no hydrant within 1000 ft. or may be considered critical infrastructure. The building material may be type 5 (all-wood framed) and over 5 stories in height. The square footage may exceed 30,000 and may be industrial or contain significant hazardous materials.

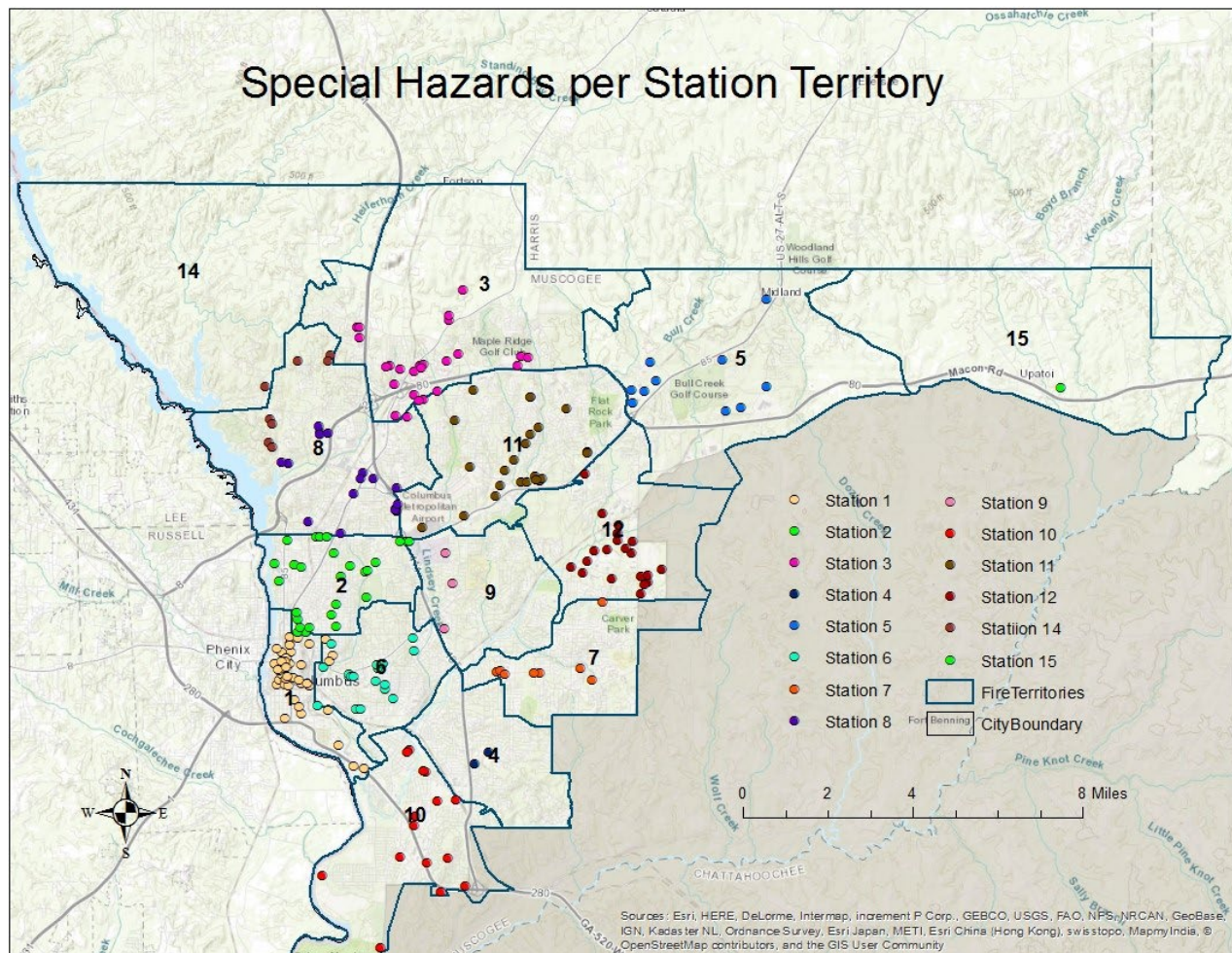
Territory	Risk Category Low	Risk Category Moderate	Risk Category High	Risk Category Very High	Special Hazards	Total
Station 1	183	372	72	10	65	702
Station 2	284	171	31	7	9	502
Station 3	239	171	38	6	35	489
Station 4	52	178	38	3	3	274
Station 5	18	51	10	0	17	96
Station 6	275	302	71	7	37	692
Station 7	98	47	10	6	9	170
Station 8	231	636	164	75	22	1128
Station 9	87	232	16	0	6	341
Station 10	181	309	26	2	20	538
Station 11	127	194	46	6	28	401
Station 12	77	87	17	4	25	210
Station 14	64	14	3	5	8	94
Station 15	7	2	0	0	1	10
Total	1,923	2,766	542	131	285	5,647

Figure 4.4: OVAP Risk Categories 2022

## SPECIAL HAZARDS

Special Hazard facilities provide essential products and services to the public that are necessary to preserve the welfare and quality of life in the county. In addition, these facilities support important public safety, emergency response, and/or disaster recovery functions. It is of great importance that the county prioritizes mitigation actions, which reduce the risk of damage to these facilities, which are so essential to the county's wellbeing.

(Figure 4.3 Special Hazards)





## RISK CLASSIFICATION: FIRE SUPPRESSION (OVERALL ASSESSMENT)

After a comprehensive review of department response records from 2017-2021, the most probable type of fire event in Columbus Georgia involves a cooking fire in a detached single-family residential dwelling. For these events, the Probability is high, and the community Consequence/Impact is Moderate.

According to Department records from 2017-2021 the jurisdiction experienced a total of 1,734 Structure Fires; 1,480 of which were Residential. To include:

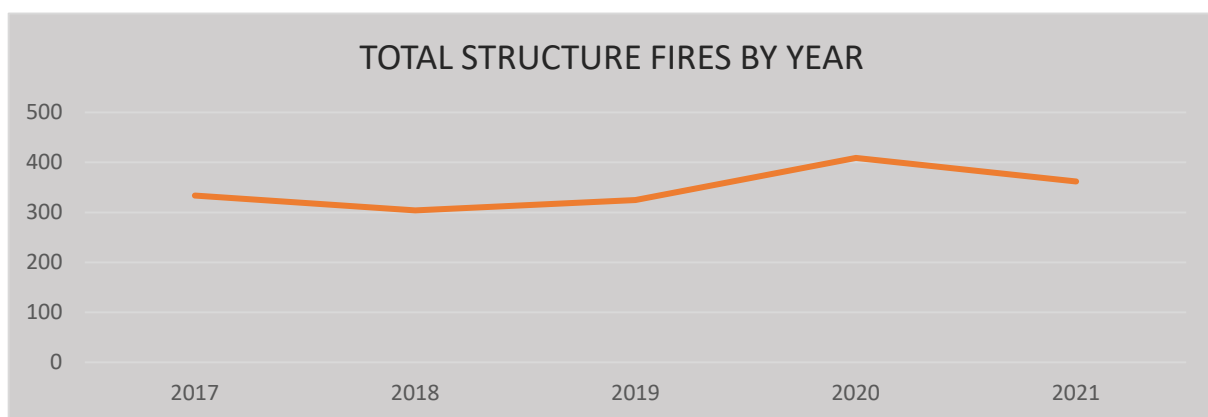
- 989 Private Dwellings
- 386 Apartments

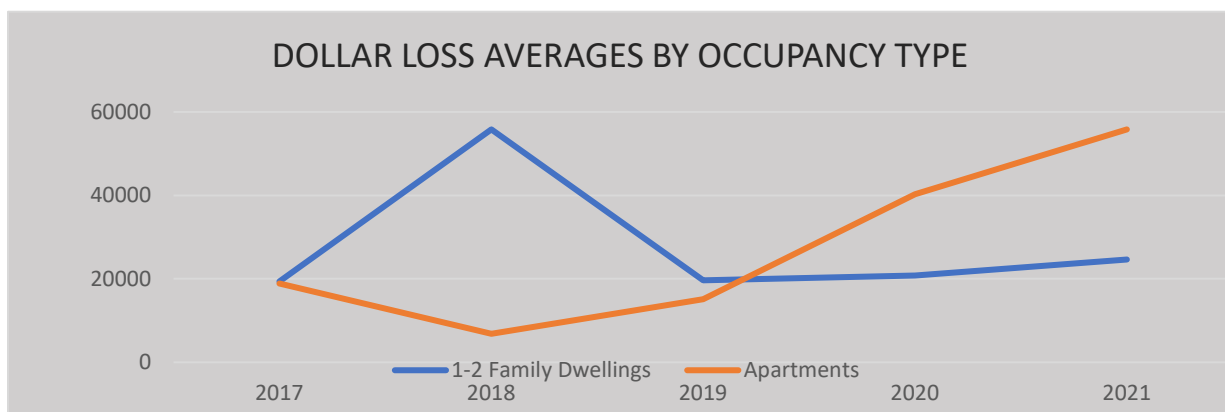
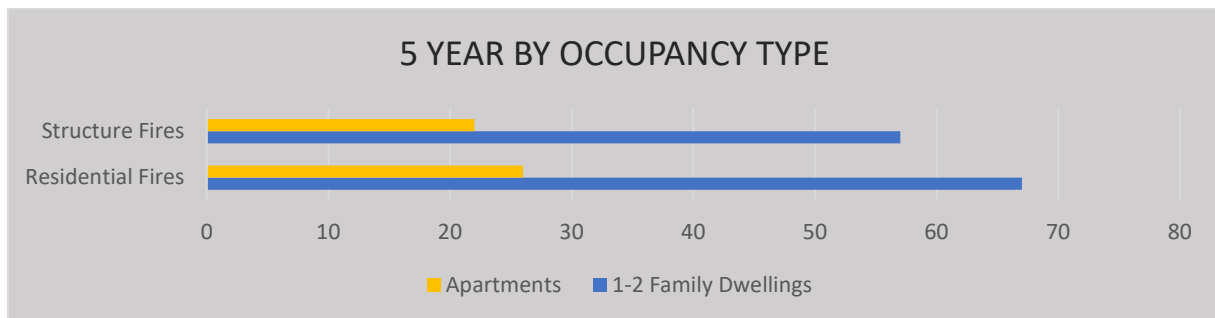
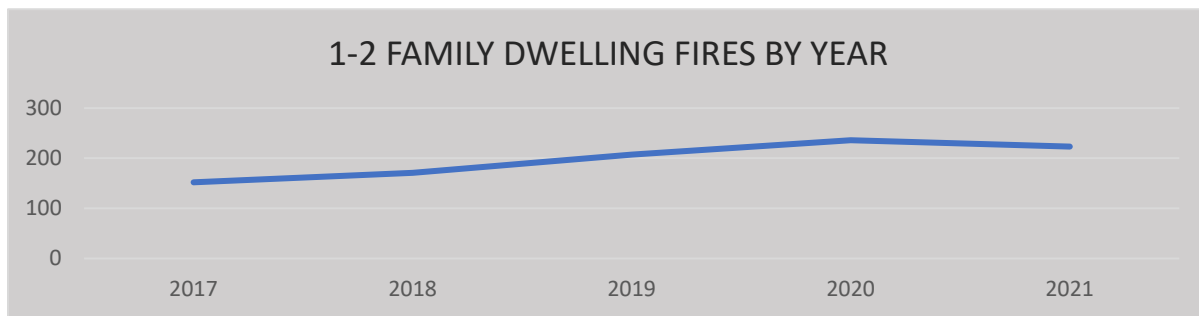
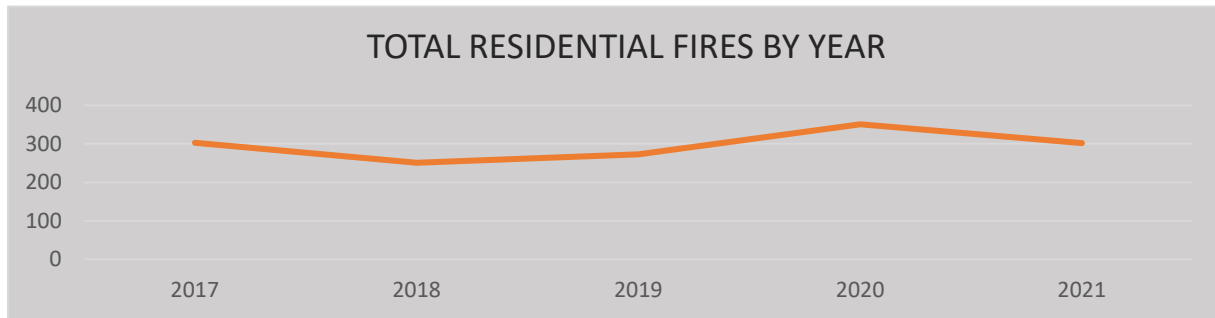
From 2017-2021, there were 989 private dwelling fires in the jurisdiction. This accounts for 67% of residential building fires and 57% of all structure fires for the 5-year period.

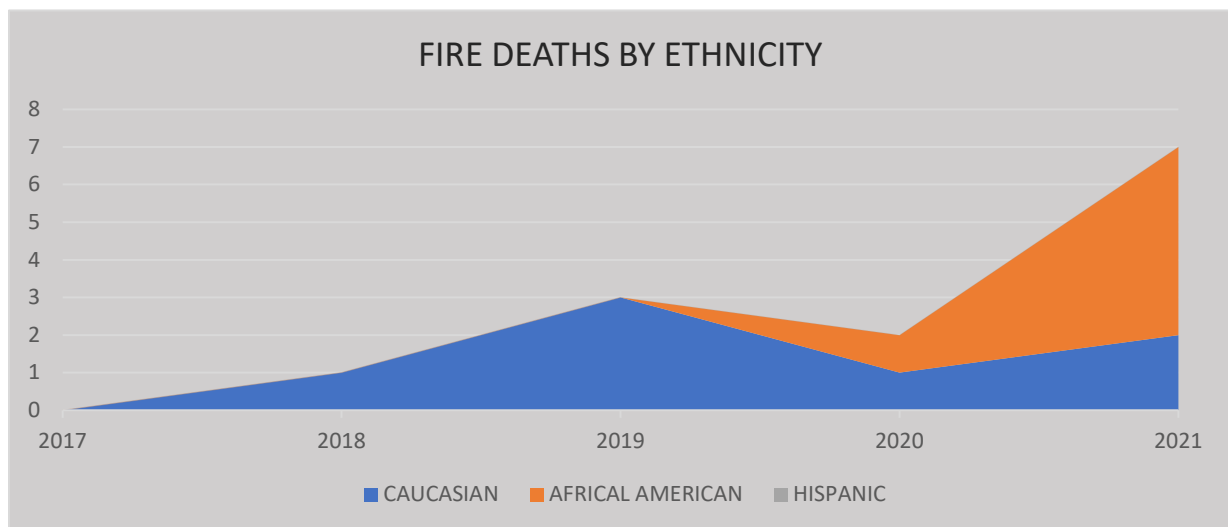
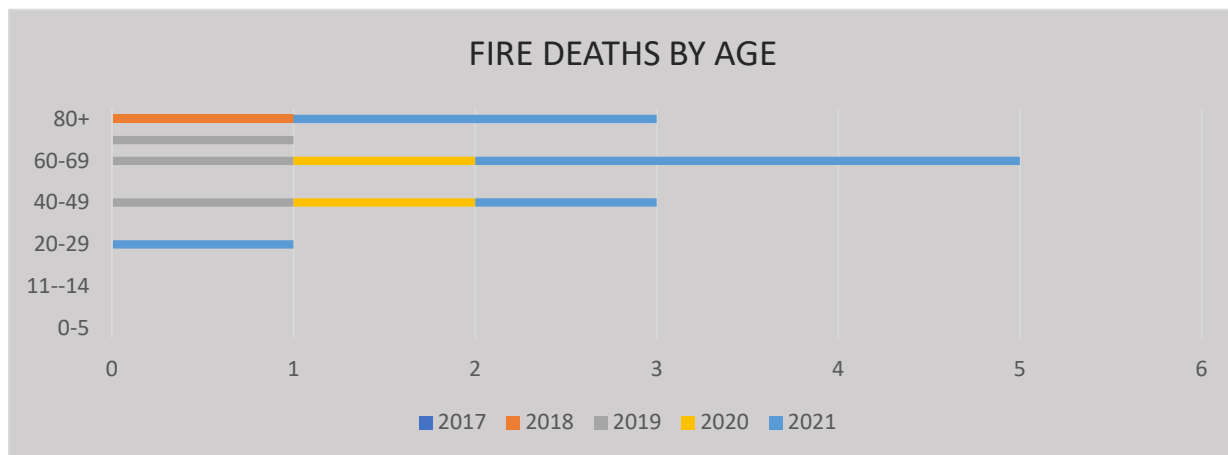
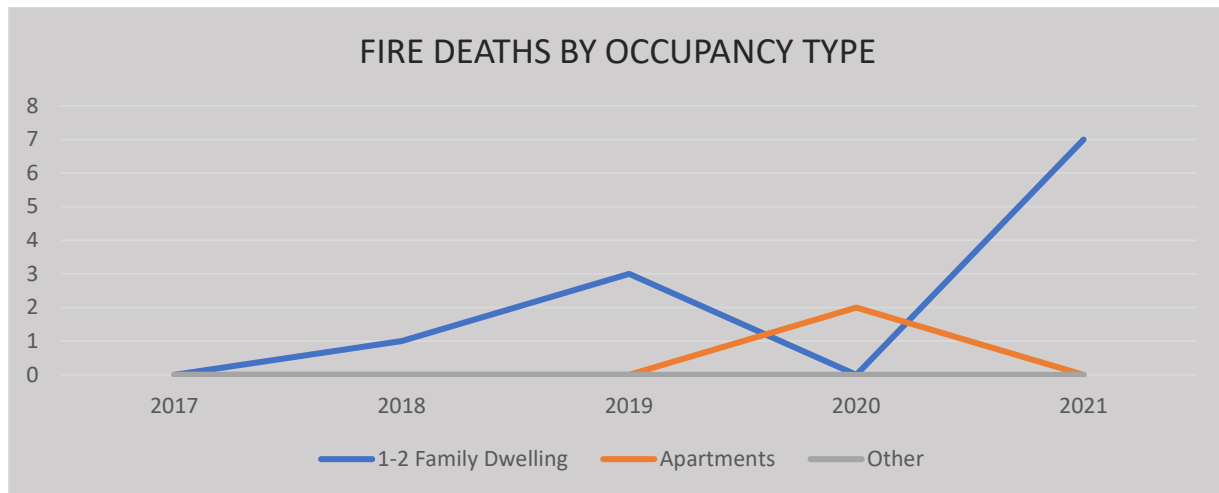
The second most probable type of fire event is apartment fires. For these events, the Probability is High, and the Consequence is Moderate due to the increased potential loss of life and family displacement as compared to private dwelling fires.

From 2017-2021 there were 386 apartment fires accounting for 26% of the residential building fires and 22% of all structure fires during the 5-year period.

These two fire incident types combined account of 93 percent of residential fires and 79 percent of total uncontrolled structure fires in the jurisdiction during the 5-year period. The most at risk age group for fire death in the jurisdiction were those 60-69.





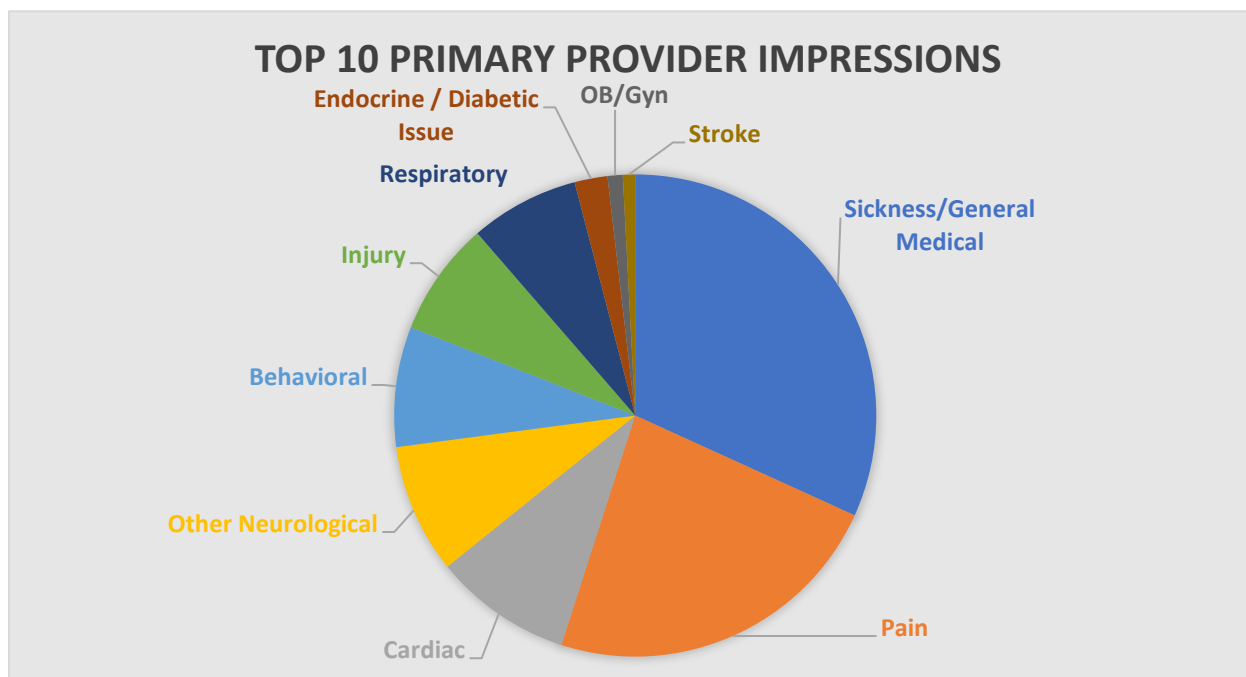


## EMERGENCY MEDICAL SERVICES:

Emergency Medical Services (EMS) refers to the treatment and transportation of individuals experiencing acute medical illness or a traumatic injury. The nature of these injuries or illnesses can range from minor to life threatening. Most EMS incidents involve a single patient with repercussions to the patient's family, employer, and community. Motor vehicle accidents, workplace accidents, epidemic infectious disease, and other mass casualty incidents can affect multiple patients. From 2018-2021, the department responded to 133,292 calls for EMS services, resulting in approximately 113,500 patient contacts.

The three most frequent collected primary first impressions involved General Sickness (31%), Pain (23%); followed by Cardiac (9%). According to Adult Injury and Prevention Committee, motor vehicle accidents and ground level falls are two of the most prominent emergencies experienced by Piedmont Regional Hospital locations.

Figure 4.7: Top 10 Provider Impressions

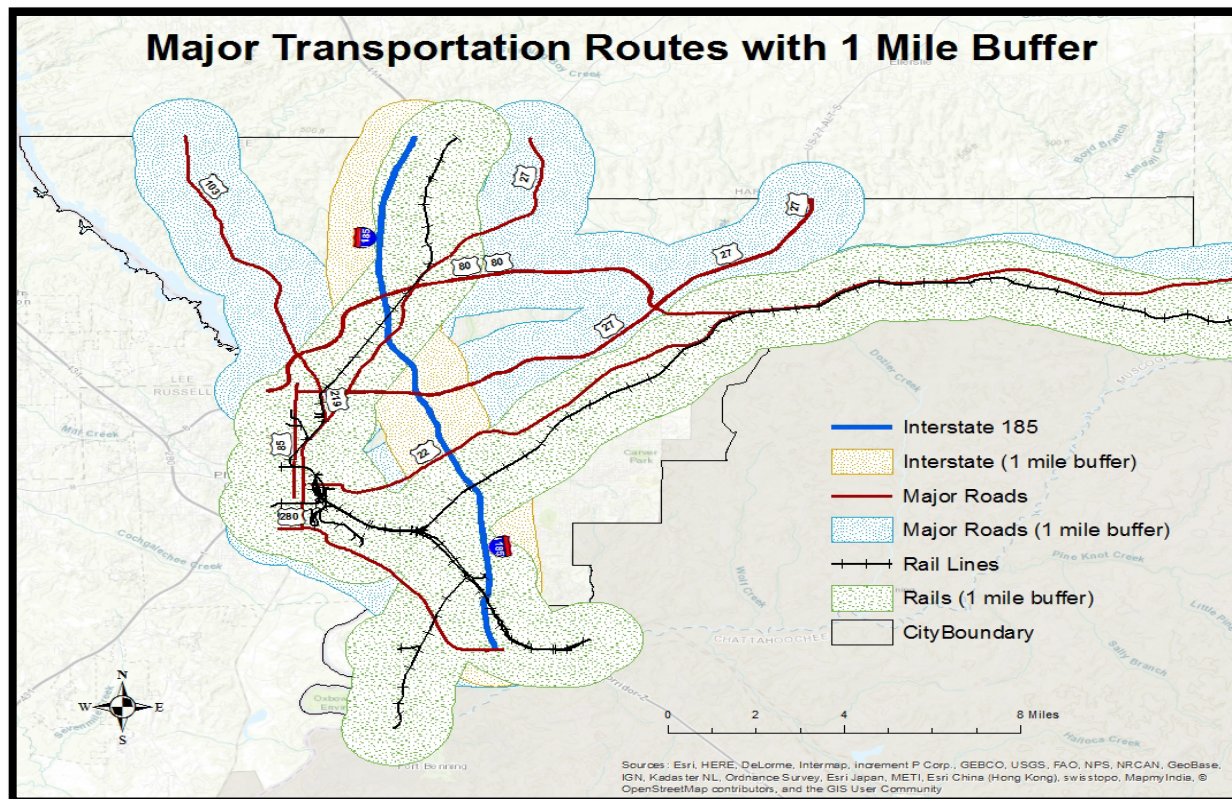




## HAZARDOUS MATERIALS:

The term “hazardous materials” (HAZMAT) refers to certain chemical substances, which can pose a threat to the health or the environment if released or misused. People affected by hazardous materials can suffer long-lasting health effects, serious injury, and even death. Sources of such materials are agriculture, industry, medicine and research, and consumer goods. In the United States, an estimated 4.5 million facilities manufacture, use, or store hazardous materials in varying quantities. This is not only true for large industrial plants, but also for local dry cleaners, gardening supply stores, and even homes, where hazardous chemicals are stored and used regularly. For the purposes of this document a Type 1 hazmat incident is defined as an incident that requires the response of multiple specialized units to include the Hazardous Materials Team to properly mitigate the incident. Type 2 hazmat incidents are of a lesser nature (Ex. Natural gas leak in a residential setting, vehicle fuel spills and generally only require the response of a single resource to properly mitigate the incident.

### Columbus-Muscogee County Transportation Map with 1-Mile Buffer



## HAZARDOUS MATERIALS EVENT PROFILE

---

### Probability

Hazardous Materials are most often accidentally released by two conditions:

- From fixed locations, where the materials are produced, processed, stored, or sold.
- In-transit when the materials are transported.

There are many industrial and commercial locations who store one or more potentially hazardous chemicals and the areas around or near these storage locations are particularly at risk of fixed spills. Potential losses can be estimated for fixed source spills, because the location and a rough estimate of the hazardous materials are known. However, potential losses due to transportation related incidents are difficult to estimate due to the wide variety of circumstances inherent in this type of incident.

The jurisdiction maintains a professionally trained and equipped Hazardous Materials Response Team capable of a technician level response. When the Columbus Fire and Emergency Medical Services Department responds to hazardous materials incidents, and the responsible party is known, the CCG charges the responsible party for the cleanup. The CCG is only burdened with funding for the incident mitigation if the cause or source of the incident cannot be found. This case is rare, and especially applies to incidents concerning the Chattahoochee River. A spill of hazardous materials into Lake Oliver from specific points such as pipeline crossings is the most serious threat to Columbus-Muscogee County's water quality, according to the Columbus Water Works management. Non-point source pollution carried in storm water runoff from urban structures is also a matter of concern.

Hazardous Materials have the potential to create significant public safety challenges within the jurisdiction. Because hazardous materials are handled and stored at over seventy-four fixed facilities in Columbus-Muscogee County GA, and countless amounts of unknown products are transported on the road and railways in the jurisdiction, the threat of an accidental release is high. The traffic volume going through the county and major traffic intersections place the community at significant risk of in-transit hazardous material incidents.

Risk Classification: Hazmat Program

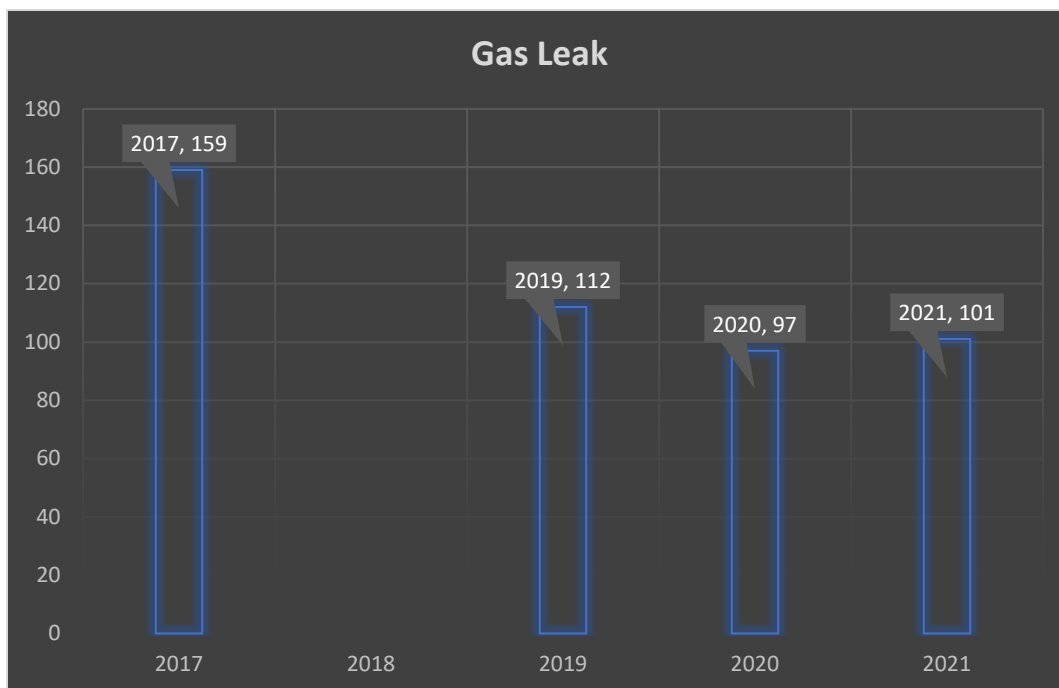
Overall Risk Assessment and Categorization:

Type 1 Haz-Mat Incident Risk Analysis / Probability-Low / Impact-High

Type 2 HazMat Incident Risk Analysis / Probability-High / Impact-Low

From 2017-2021 the jurisdiction only experienced a single reported Type 1 Haz-mat release which involved anhydrous ammonia.

From 2017-2021 the jurisdiction experienced multiple reported Type 2 Hazmat releases, most frequent being residential Natural Gas leak condition.



- (2018 data currently unavailable due to data storage issue.)

## TRANSPORTATION ACCIDENTS

Transportation is the conveyance of passengers and goods from one place to another. An accident involving a car, bus, train, airplane, or other vehicle is a transportation-related accident. When commercial vehicles are involved, where enterprises convey goods in their commercial vehicles, it is also called cargo accident, and hazardous materials spills might be one of the results of transportation accidents.

### Probability

Columbus-Muscogee County's roads are busy, and the combination of congestion, unsafe or illegal speed, and driving under the influence of alcohol and/or drugs or mere lack of attention (distracted drivers) can lead to accidents. The threat applies mainly along the major thoroughfares as depicted in Figure 4.9

According to the Georgia Governor's Office of Highway Safety, 125 fatalities occurred in Columbus- Muscogee County for the years 2015 through 2019. (Latest Data)

Figure 4.9 Transportation Map







# GEORGIA COUNTY FACT SHEETS

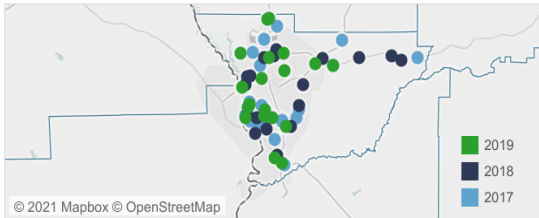
## 2019

### Muscogee County

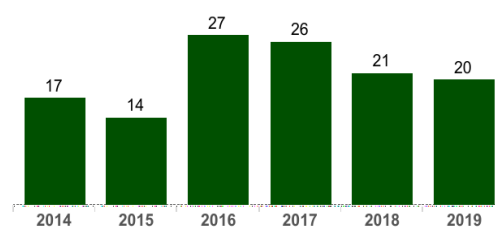
Use the dropdown menu to select a county or counties of interest.

Muscogee

#### Fatal Crashes | 2017-2019



#### All Traffic Fatalities | 2015-2019



#### Crashes & Injuries | 2014-2018

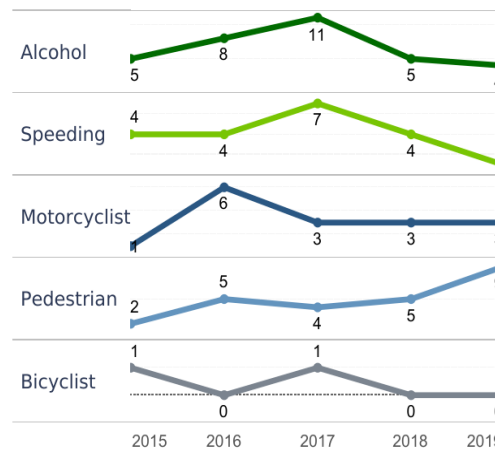
	2013	2014	2015	2016	2017	2018
Crashes	7,966	7,914	8,432	8,365	8,122	6,014
Suspected Serious Injury	39	29	32	51	53	50

\*\* Numbers of crashes and suspected injuries may vary for other sources (i.e., GEARS or Numerics). Data presented are obtained from GDOT databases revised by Crash Outcomes Data and Evaluation System (CODES).

#### Passenger Vehicle Occupant Fatalities Restraint Use

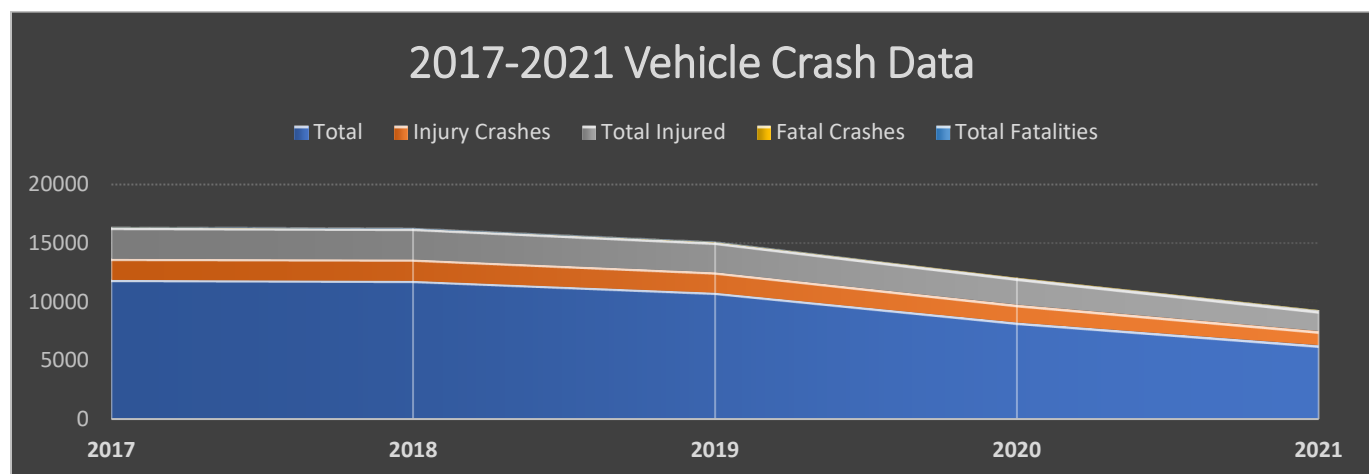
			Not Used	Used	Unknown
2019	Passenger Cars	6	67%	17%	17%
	Pickups	2	100%		
2018	Passenger Cars	9	44%	44%	11%
	Pickups	1	100%		
	Utility Vehicles	3	33%	33%	33%
2017	Passenger Cars	8	25%	38%	38%
	Pickups	5	20%	80%	
	Utility Vehicles	4	100%		

#### Traffic Fatalities by Type\* | 2015-2019



\*A fatality can be more than one category. Therefore the SUM of individual cells will not equal the total due to double counting.

#### 4.9.1 Latest Vehicle Fatality Data



## TECHNICAL RESCUE

---

Technical rescue incidents require specialized training and equipment to mitigate loss. These incidents can include trench collapse, structural collapse, high angle rope rescue, swift water rescue, machinery extrication, advanced vehicle extrication, large animal rescue, and confined space rescue. These incidents require equipment beyond what is carried on a standard response vehicle. They also require advanced certifications and training of personnel responding.

The department responds to an average of 35 technical rescue calls per year. The vast majority of these responses are related to elevator entrapments, vehicle extrication and swift water events. The jurisdiction is unique in that the western boundary is set by the Chattahoochee River which attracts large numbers of citizens for recreation especially in the summer months. As a result, the jurisdiction must respond to frequent water emergencies in the river which can and does experience changes in water flow for power generation needs in the community. These changes in flow rate can sometimes be a surprise to patrons who venture into the riverbed and find themselves unable to exit before rising water levels become too much to overcome during exit. The department maintains a swift water rescue element for response to such emergencies.

Currently, all CFEMS ladder companies, squad companies, and Engine 15 are equipped with vehicle extrication equipment suitable to handle most common motor vehicle entrapments. Stations 1, 9, and 11 have more advanced equipment and training to deal with rescue incidents requiring a more complex response. These three stations are also geographically remote from each other which allows for a timelier response to complex technical rescue incidents. The table below lists the technical rescue incidents that occurred between 2017 and 2021.

### Probability

From 2017-2021 the department responded to **176** Technical Rescue Incidents

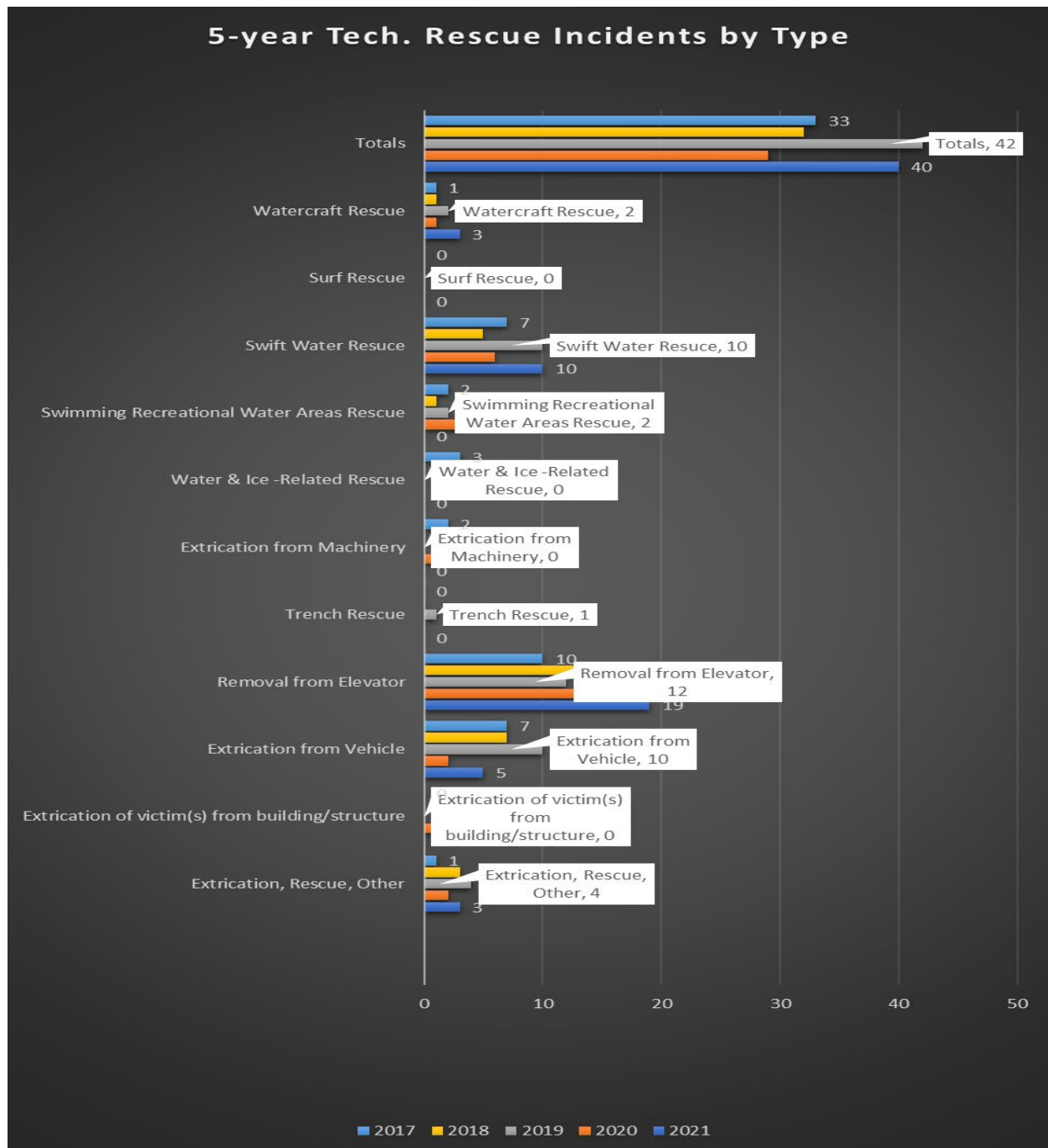
The most prevalent technical rescue incidents were:

- Extrication from Elevator- **69**
- Swift Water Rescue - **38**
- Extrication from Vehicle-**31**

## Risk Classification: Technical Rescue

## Overall Risk Assessment and Categorization:

- Elevator Rescues - the Probability is Moderate, and the Community Impact is Low.
- Vehicle Extrications - the Probability is Moderate, and the Community Impact is Low.
- Swift Water Rescues - the Probability is Moderate, and the Community Impact is Low.



### Technical Rescue Responses by Year

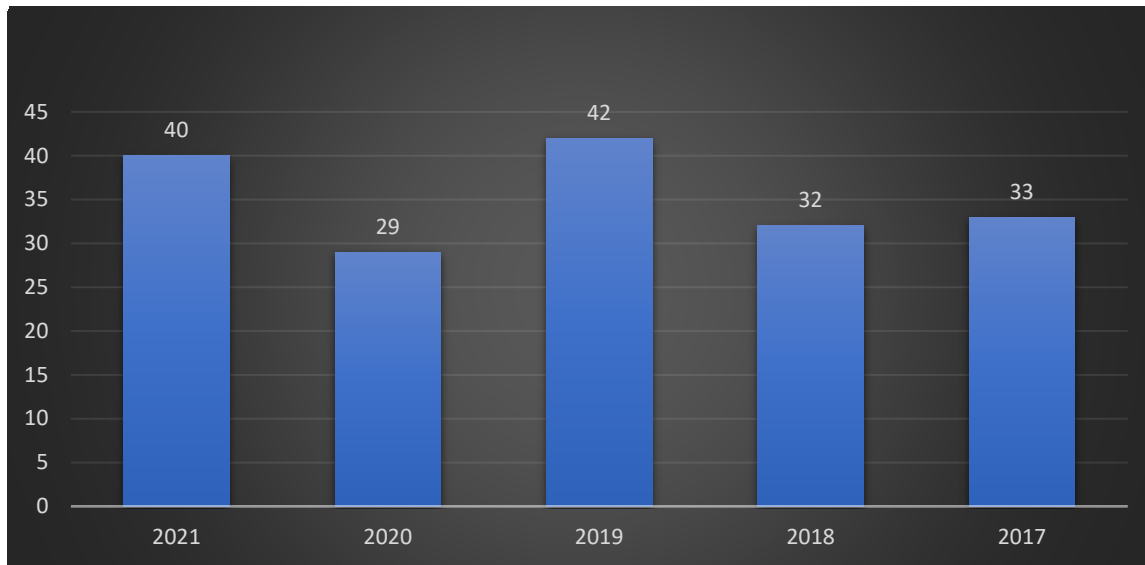
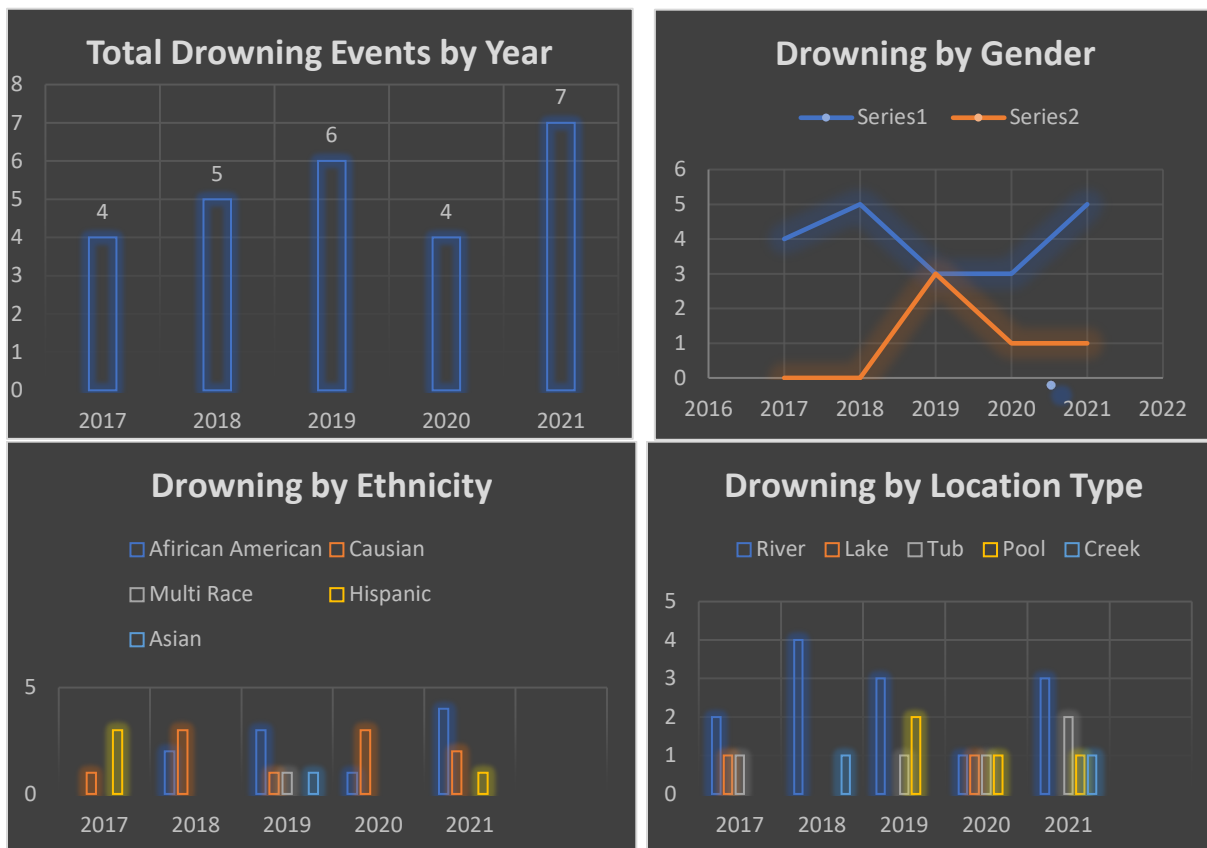


Figure 4.6 Technical Rescue Incidents by Year





## TERRORISM:

A standard definition of terrorism is the use of violence to elicit a general climate of fear in a population, with the goal of bringing about a certain political objective or coercing or intimidating a government or civilian population. Terrorists may be members of political organizations, nationalistic and religious groups, revolutionaries, and even state institutions (such as armies and intelligence services).

Terrorism can take many different forms, including but not limited to the use of explosives, taking of innocent civilians as hostages, contaminating water or food supplies, plotting assassinations of prominent figures, or utilizing chemical, biological and /or radiological agents in populated areas.

### TERRORISM EVENT PROFILE, FREQUENCY OF OCCURRENCE, AND PROBABILITY

The location of Ft. Benning, the largest Army training post in the nation, is contiguous to south Columbus. A terrorist act on the post would severely impact the army's training ability and the economy of the entire area. A large number of private citizens are employed by Ft. Benning. This heightens the threat level to the county because an attack on the base would also directly affect Columbus.

Within the county, several international and multi-national corporations reside. These corporations and entities are identified in a separate document which is classified and not available to the public. They employ thousands of individuals from Columbus and the surrounding area. The loss of any one of them from a terrorist incident would cause substantial losses to the economy and well-being of the entire region.

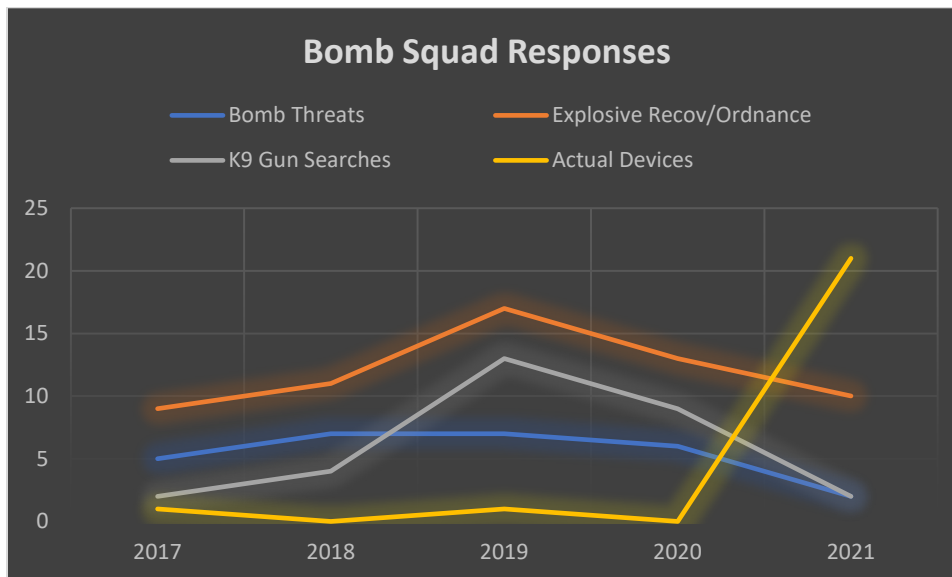
Columbus is the trade and economic center for a 16-county region, representing an effective buying income of approximately seven billion dollars annually. A terrorist incident would seriously affect commerce and trade for the entire region.

Critical infrastructure, such as telecommunications, natural gas and petroleum pipelines, banking and finance, air, rail and highway transportation is either centralized in or traverses this jurisdiction. Any interruption to any part of the infrastructure would have a domino effect throughout the region, impacting areas hundreds of miles away. Employment, trade, tourism and even recreation would suffer catastrophic damage.

From 2017-2021 the jurisdiction responded to \*\*\* domestic preparedness incidents.

The most prevalent Domestic Preparedness incidents were:

- Explosive Device Recovery-60
- K-9 Gun Searches-30
- Bomb Threats-27
- Devices-23



Risk Classification: Domestic Preparedness

Overall Risk Assessment and Categorization:

Regarding: Bomb Threats Probability-Low Community Impact-High

Regarding: Cyber Terrorism Probability-High Community Impact-High

## DAM FAILURE

---

A dam is a barrier that prevents the flow of water, especially when it is built across a watercourse for impounding water. Dams have many benefits, which include navigation, agricultural irrigation, provision of drinking water, and hydroelectric power. Dams are constructed in order to create lakes for recreation, and to help in preventing or reducing floods.

Dam failure can pose serious risks. Dams fail for two main reasons: physical weakness in the structure, caused by a faulty design, wrong operation or poor maintenance, weathering, mechanical changes, and chemical agents; and inundation of the dam by flood waters, such as in the wake of a hurricane. Once a dam breaks, property damage and the loss of life downstream of the dam can be caused through the energy of the water stored upstream.

## DAM FAILURE EVENT PROFILE

---

To date, no problems have been recorded pertaining to dam failure in Columbus-Muscogee County. Regulation of the Chattahoochee River started when the first of eight privately owned dams were constructed on the river upstream from Columbus-Muscogee County between 1860 and 1962. Lake Oliver Dam was the last of these dams. Oliver Dam between Phenix City, Alabama, and Columbus-Muscogee County impounds the waters of Lake Oliver. Throughout the years, however, the Oliver Dam continues to have updated construction additions. Oliver Dam is owned and operated by the Georgia Power Company and impounds the waters of Lake Oliver. The property line of the reservoir is the 337-foot contour line. The Georgia Power Company has an easement to flood land between the 337 and 342-foot contour line.

The federally funded West Point Dam, about 30 miles' linear distance upstream of Columbus-Muscogee County, was operational in 1975, and is the first dam upstream from Columbus-Muscogee County to have floodplain management as one of its purposes.

Should a breach occur at West Point Dam, upstream of Columbus-Muscogee County or of Oliver Dam between Phenix City and Columbus-Muscogee County, the areas downstream, including uptown Columbus, would be in danger of flooding, destruction and economic hardship.





## SECTION V: CURRENT DEPLOYMENT AND PERFORMANCE

CFEMS has established a dispatch configuration for each incident type to which the department responds. The incident type is based on the type of risk and critical task analysis. CFEMS attempts to provide consistent service levels based on the number of resources available within the city and the distance between these resources.

### DATA COLLECTION & ANALYSIS

CFEMS has had the technology and ability to record, store, archive, and recall information pertaining to fire loss, injury and life loss, property loss, and other associated losses. In 2014, the department changed records management systems and began using Image Trend Records Management Software, which is presently used. Image Trend is a National Fire Incident Reporting System 5.0 (NFIRS 5.0) incident reporting software package; it allows personnel to input incident, hydrant, occupancy, training, and personnel information, and retrieve reports regarding the same. The department also uses Image Trend for electronic patient care reporting on all medical calls.

The incident module within Image Trend is used to record all fire and emergency medical services incidents. The incident module complies with the National Fire Incident Reporting System (NFIRS) and National Emergency Medical Services Information Systems (NEMSIS) requirements. CFEMS standard operating guideline (SOG) 01-136 Incident Reporting details the standard used for records management. Each officer in charge (or acting officer) of the station from which a unit(s) responded is responsible for ensuring that each incident record from his/her station has been thoroughly completed with accurate information and includes all narrative information necessary to document specific details of the incident. The Report Quality Control/Quality Improvement process is completed by the battalion chief of the stations within each battalion.

The QA/QI process (facilitated by the Deputy Chief of Operations, Fire Marshal and EMS Coordinator) further reviews incidents for quality control, data entry and archiving purposes. QA/QI personnel are dedicated to the systematic monitoring and evaluation of fire and EMS reports to ensure that standards of quality are met. The EMS Coordinator reviews a minimum of

10% of all EMS reports. Records are corrected as necessary, and quality control issues are addressed through the chain of command

Quality assurance of fire investigations is the responsibility of the Fire Marshal and the Deputy Chief of Community Risk Reduction. Fire investigations within the incident module are sealed from field personnel.

CFEMS gained the ability to analyze the response area to determine the impact of deployment changes based on historical data.

CFEMS now utilizes a variety of analysis tools to evaluate historical incidents. Below is a list of some of the analysis tools used:

- Excel Services
- Image Trend RMS – storage of records
- Motorola Premier One CAD
- ESRI ArcGIS - ArcGIS is a collection of GIS software products that provides a standards-based platform for spatial analysis, data management, and mapping.

CFEMS has identified an essential need for a planning and data management analyst. The person(s) will be responsible for putting into place these needed processes, analyzing the data, and preparing reports.

---

## DEFINING SYSTEM PERFORMANCE

---

The measurement of system performance falls into four categories: distribution, concentration, reliability, and comparability.

An adequate distribution of resources is necessary to respond to incidents throughout the jurisdiction, regardless of significance. Distribution of fire companies assures a specific response time performance for a percentage of the calls for service. Ideally, 100% of the community would have a fire company on the scene within the allotted response time. Distribution of fire companies

is considered adequate if fire companies can respond to at least 90% of the incidents within the stated travel response-time goal.

Concentration is the spacing of multiple resources arranged close enough so an initial effective response force (ERF) can be assembled on the scene within the Department's established response time goals. An initial ERF will most likely stop the escalation of the emergency for a specific risk type.

Stations and apparatus must be equally distributed in the community to provide a timely initial response for all calls. Additionally, the station locations and staffing patterns must concentrate resources to respond to a major event within the desired ERF goals. CFEMS apparatus have historically been placed based on distribution, while much of the equipment carried had been based on concentration.

---

## DISTRIBUTION

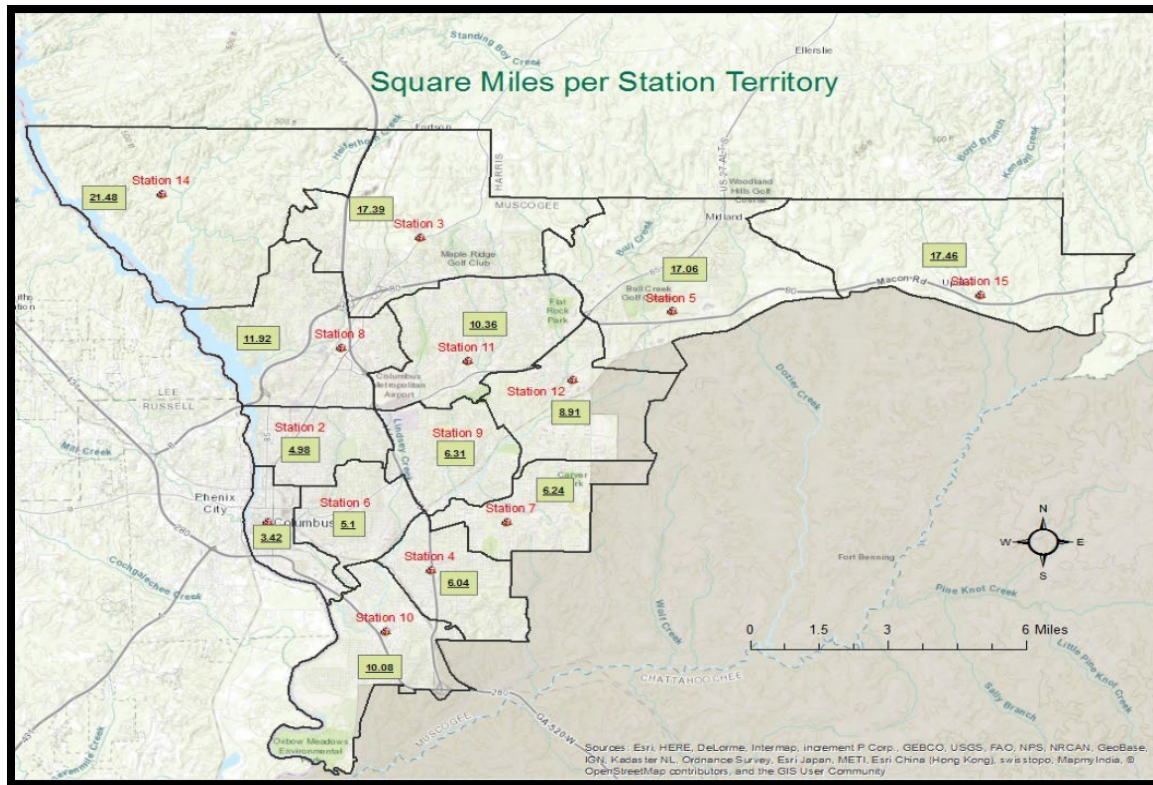
These measures are comparative measurements relative to the distribution of CFEMS resources. An example is locating first-due resources throughout the jurisdiction to provide all citizens with a quick response for initial intervention. CFEMS stations are located to ensure rapid deployment of first-due resources (primarily engines) for the purpose of minimizing and mitigating routine emergencies. The department goal for an equitable level of service is that everyone has a station within five road miles.

In the past, stations and equipment were placed based on the assumption that all areas have the same risk and probability of an event occurring. Every member of the community expects the same level of service regardless of risk. Because of this, stations in Columbus will continue to be distributed evenly around the city.

## SERVICE DELIVERY AREA

Columbus spans 220 square miles. Columbus has 1,164 miles of public streets. Each of the 14 first-due territories averages 10.48 square miles.

(Figure 5.1 Territory Square Miles)



## ALS RESOURCES

Tracking of medical information and technologies must be ongoing to ensure that a high standard of care is met at every patient contact and to ensure the best possible protection for our personnel.

Data was analyzed that showed movement of current resources would result in minimal improvements. The only movement that would result in significant improvement was moving ALS capabilities to all fire apparatus.



## CONCENTRATION

Concentration is the arrangement of resources within the jurisdiction. Resources should be spaced near one another to assemble the Effective Response Force (ERF) for the type and magnitude of the incident. (Figure 5.3: Calls per Year by Station)

### *Incidents: Incidents per Station Territory by Year*

Station	2017	2018	2019	2020	2021	Grand Total
1	2688	2326	2420	2392	1920	11,746
2	3577	3535	2935	3203	3891	17,141
3	2008	1593	1898	1866	2141	9,506
4	2715	2717	2587	2632	2432	13,083
5	609	638	623	643	634	3,147
6	4012	3394	2506	2925	3709	16,546
7	1581	1540	1252	1672	1971	8,016
8	2670	2425	2191	2683	3644	13,613
9	2327	1740	1440	1795	2324	9,626
10	4999	4032	3964	4708	4278	21,981
11	2530	2271	2311	2946	2730	12,788
12	1642	1450	1427	1777	1954	8,250
14	155	261	256	269	354	1,295
15	146	154	135	143	134	712
Grand Total	31659	28076	25945	29654	32116	147,450

*Figure 5.3 Calls per Station Territory by Year*

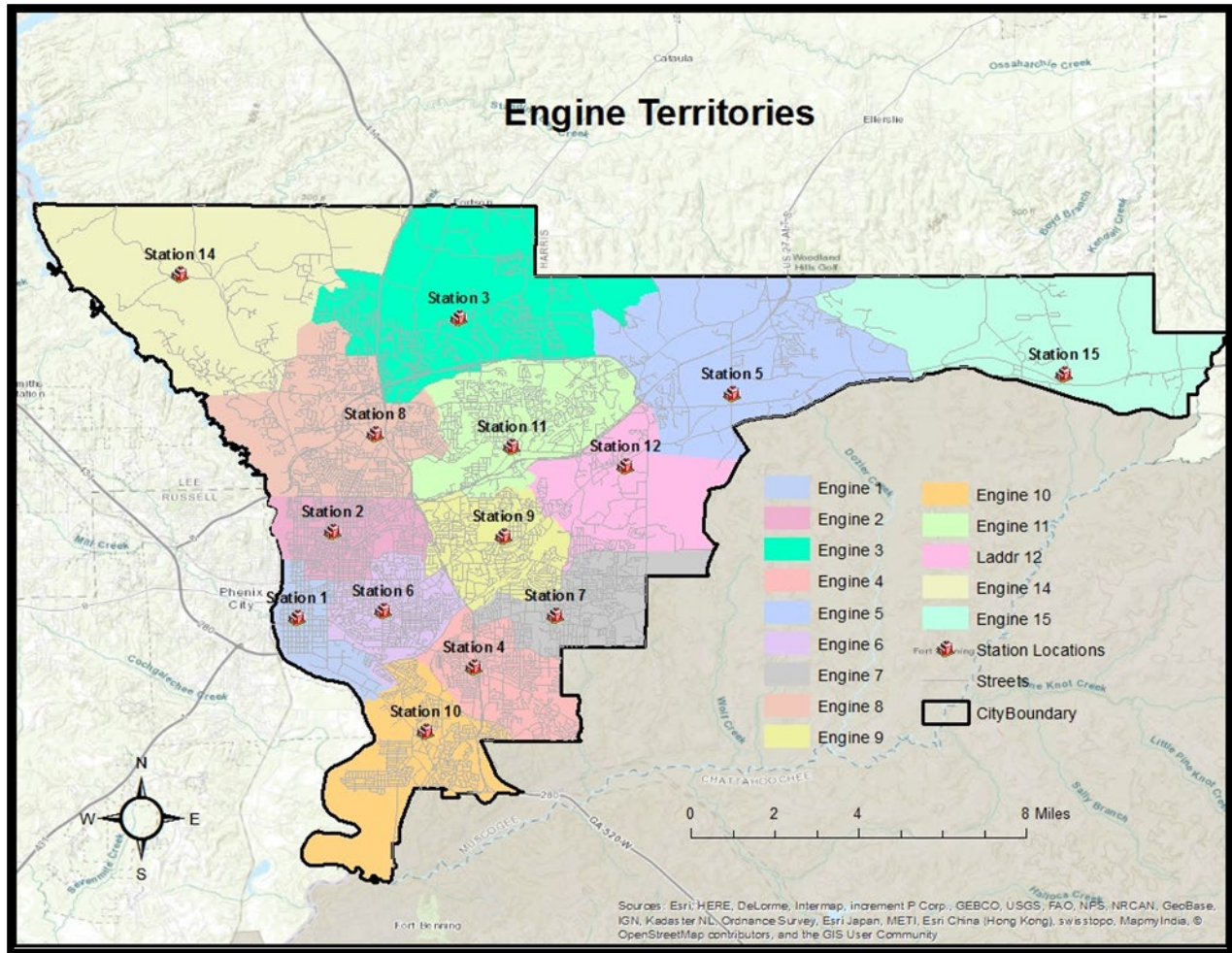


Figure 5.4: Engine Territory

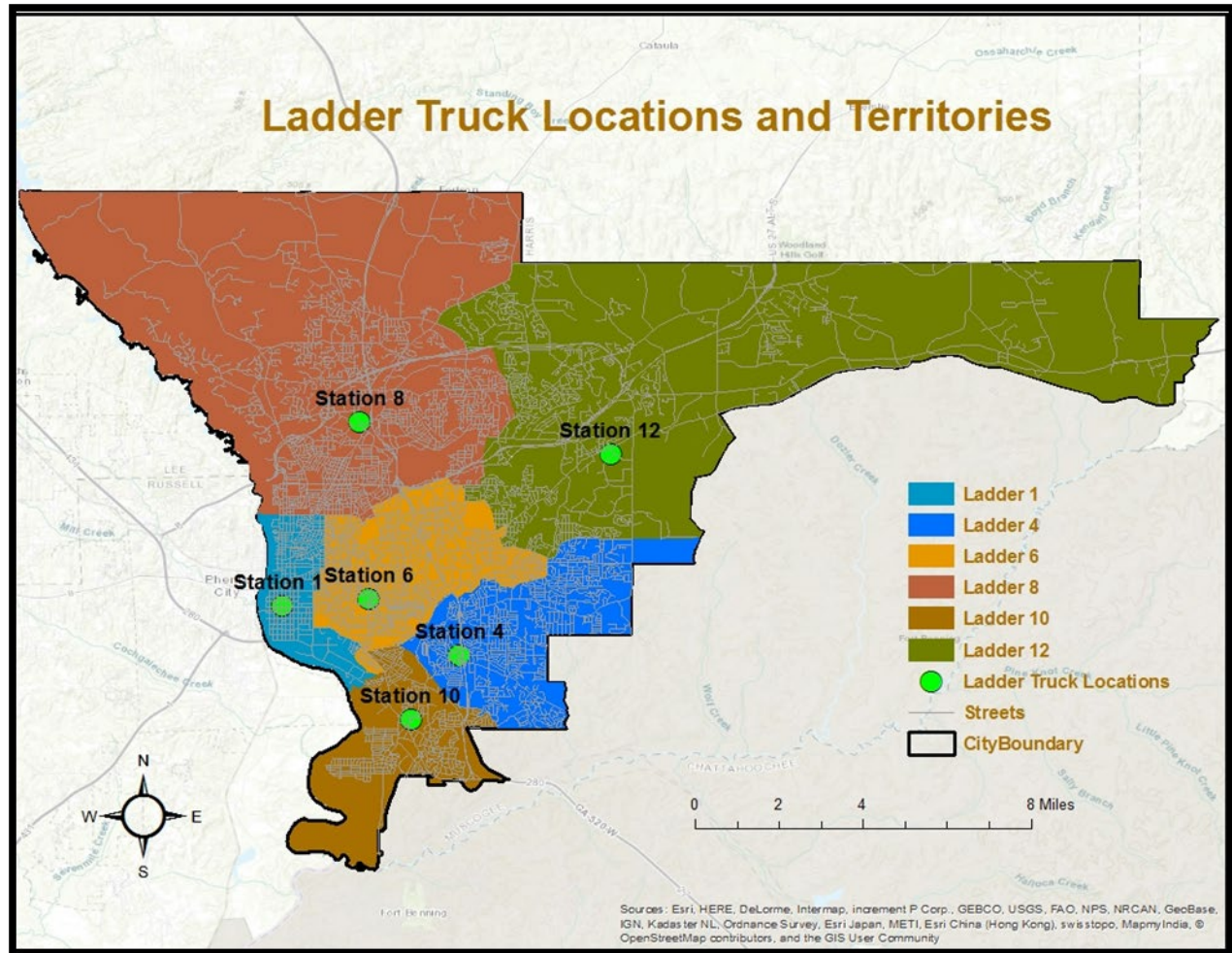


Figure 5.5: Ladder/Quint Territory



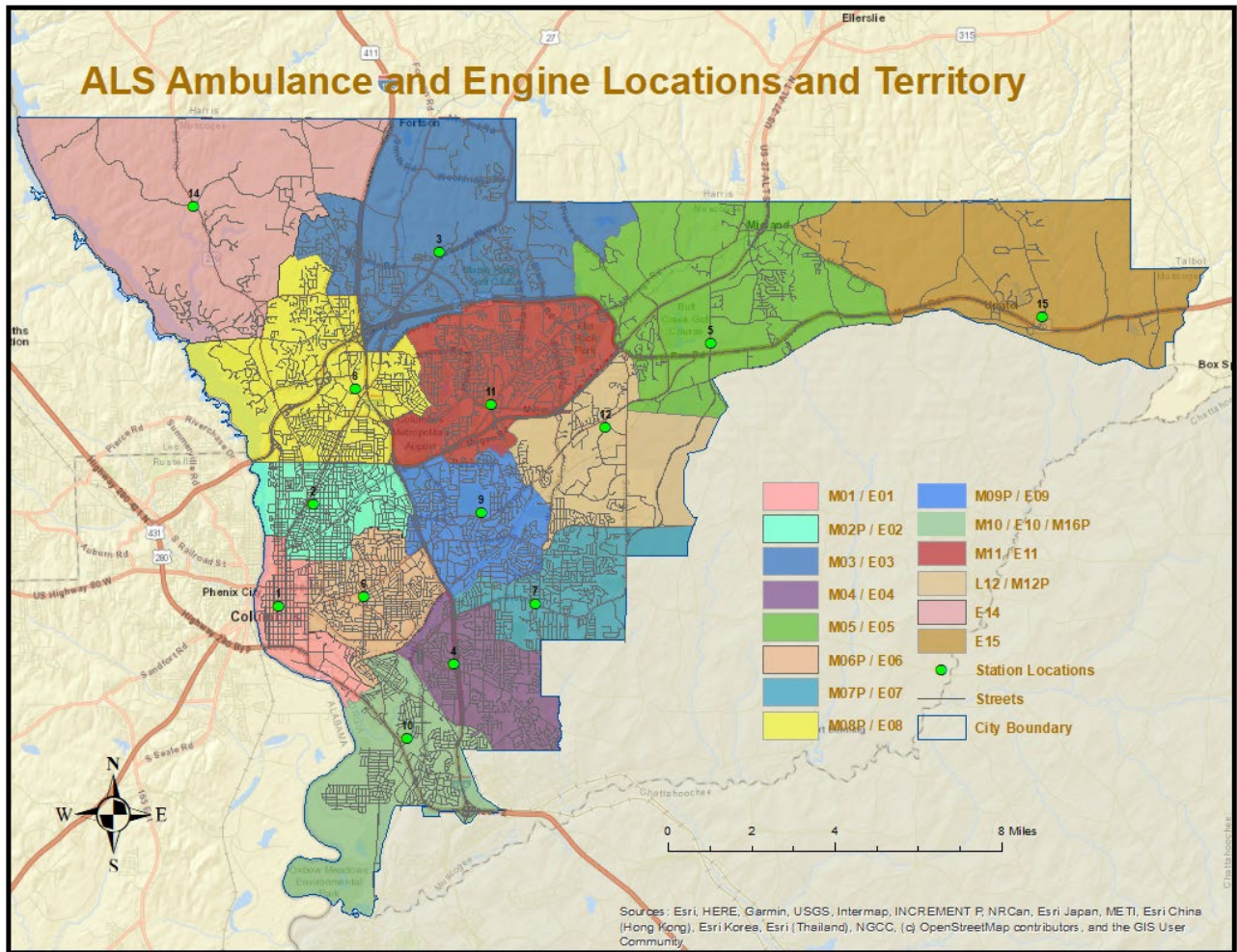


Figure 5.6: Ambulance &amp; ALS Engine Territory



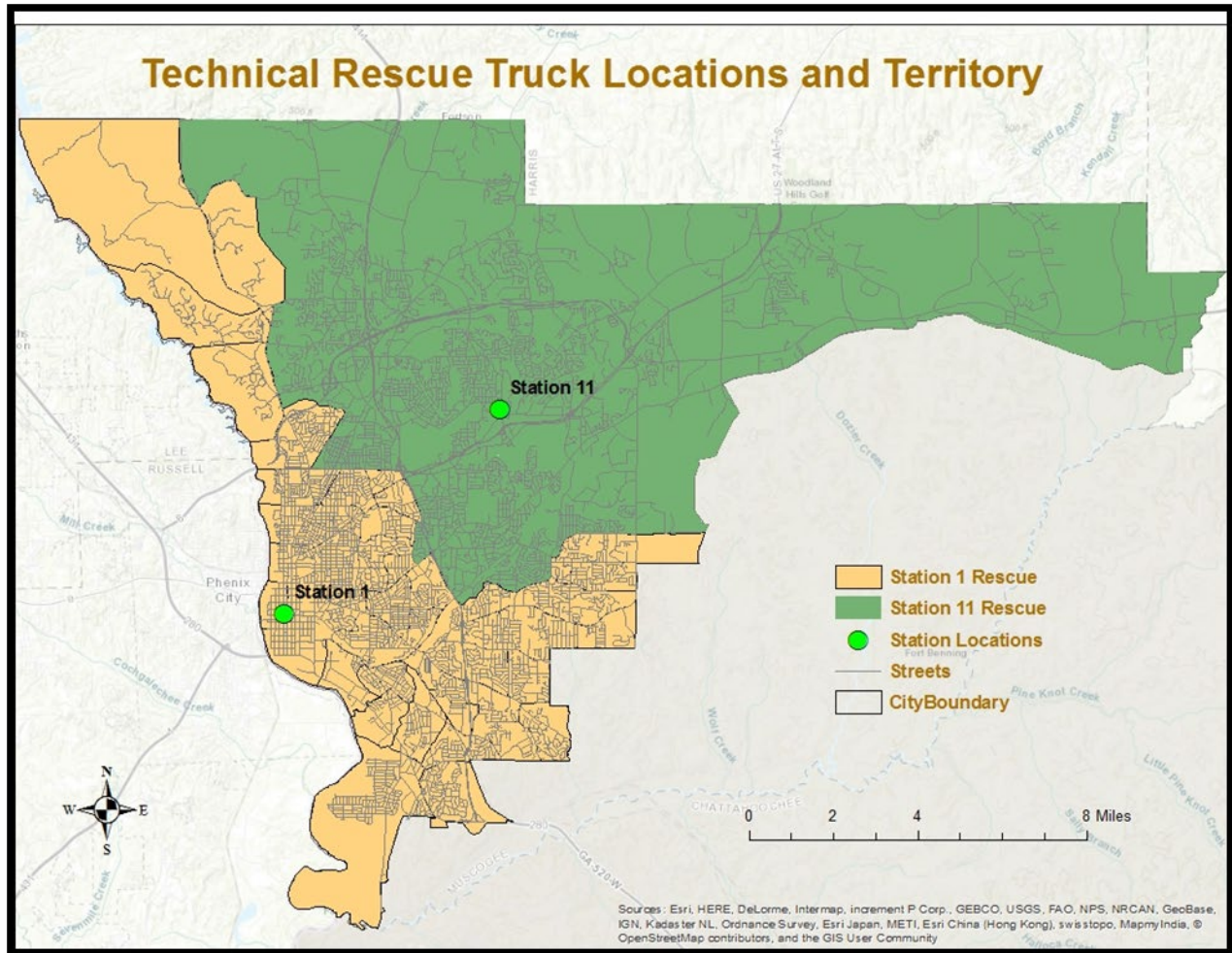


Figure 5.7: Technical Rescue Trucks Locations and Territory

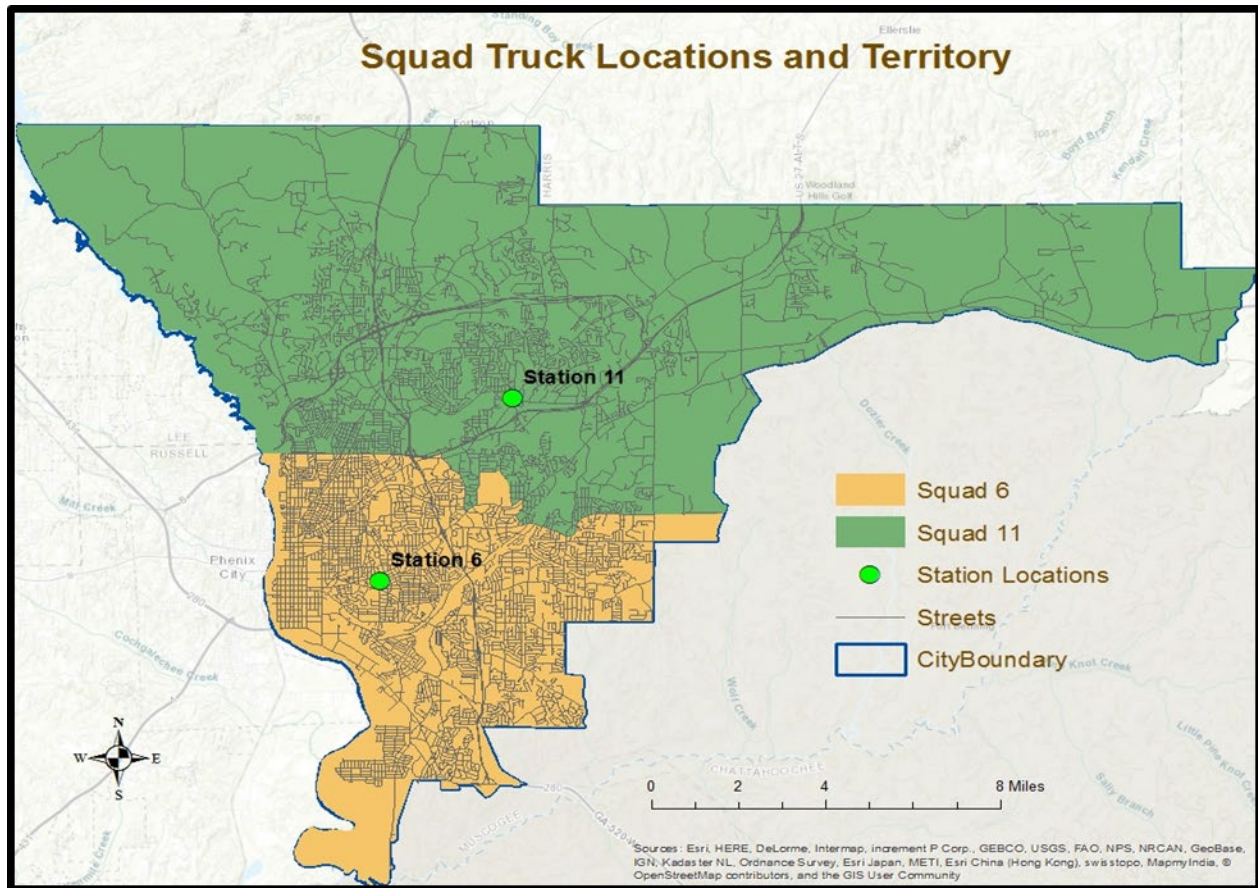
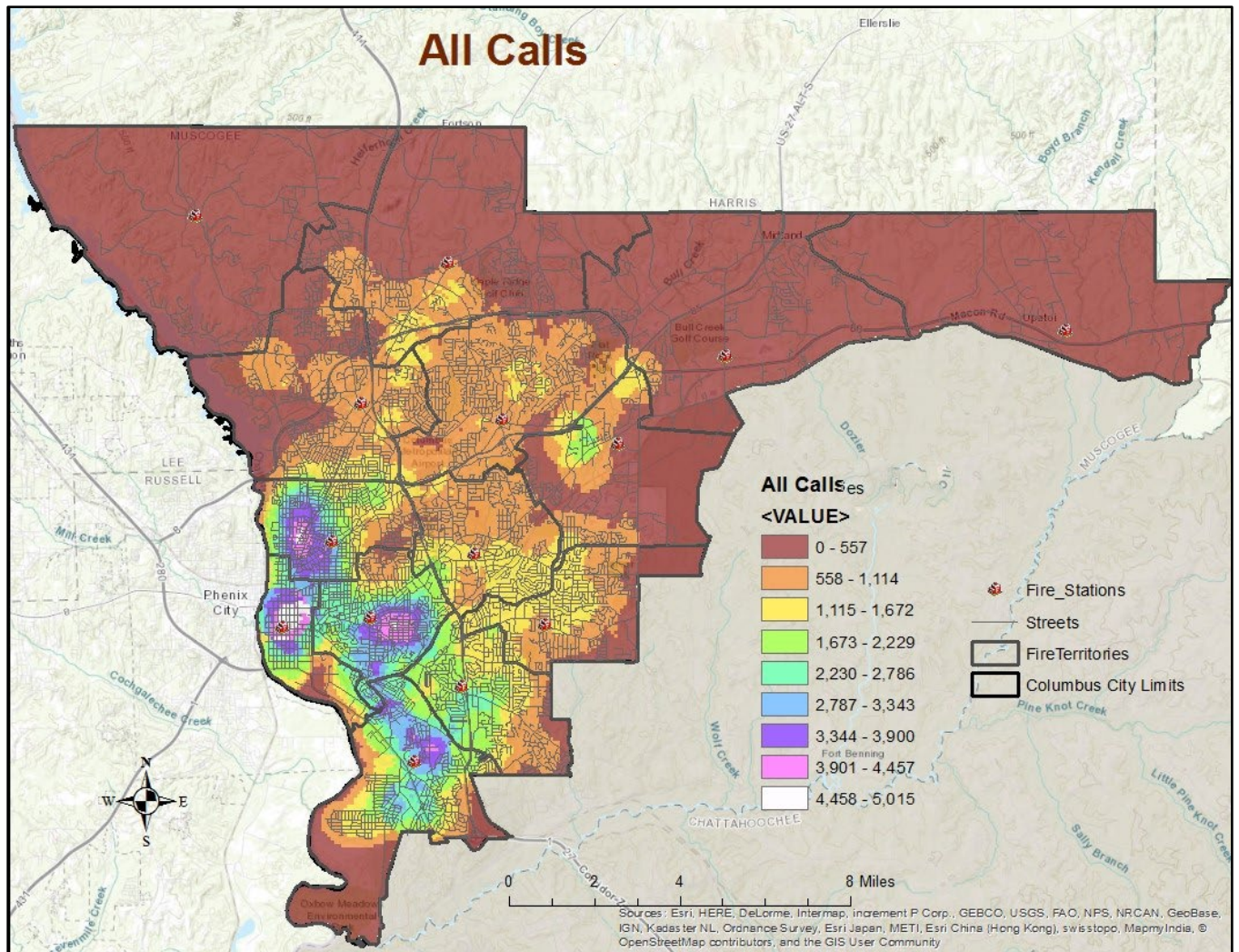
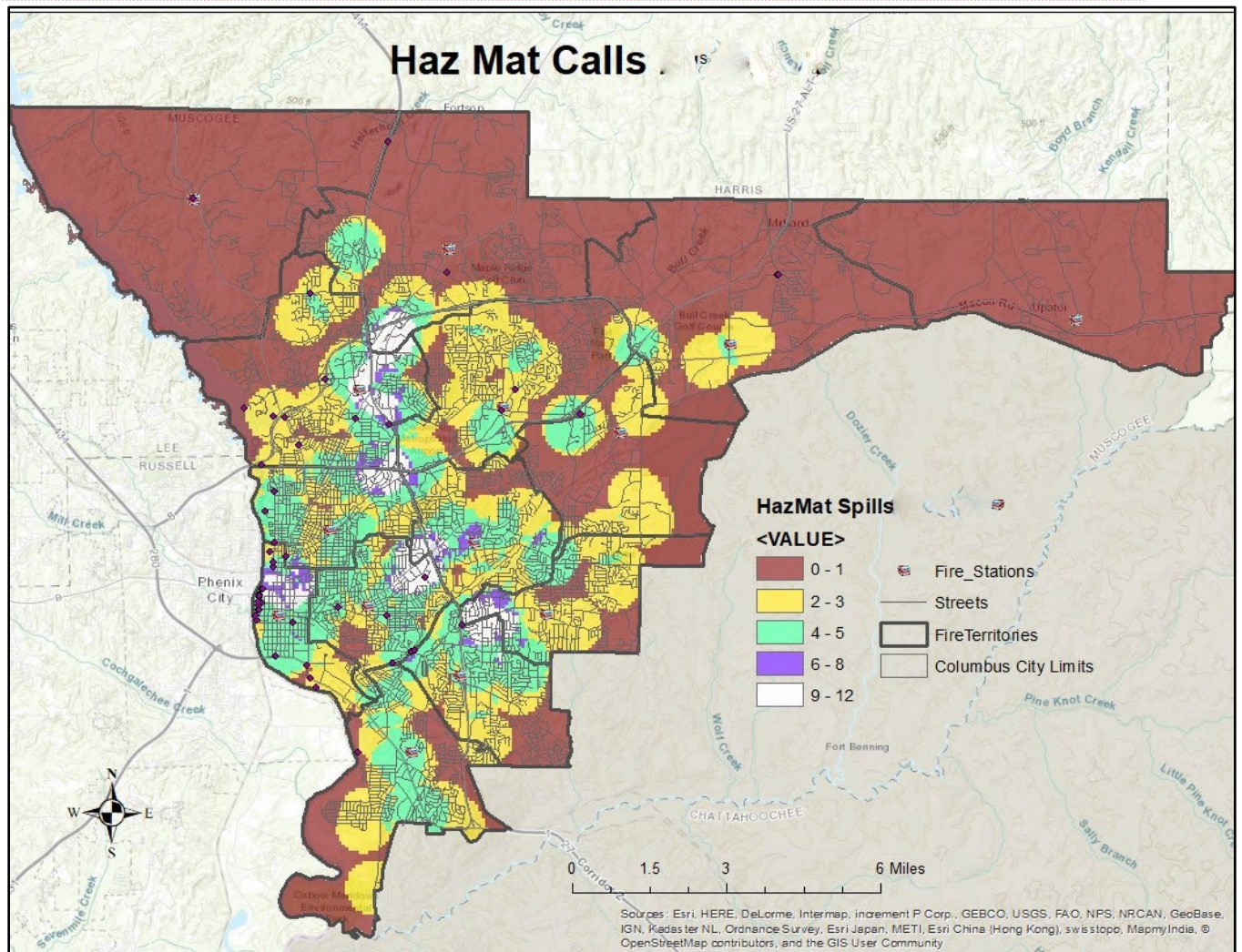


Figure 5.8: Hazmat Territory

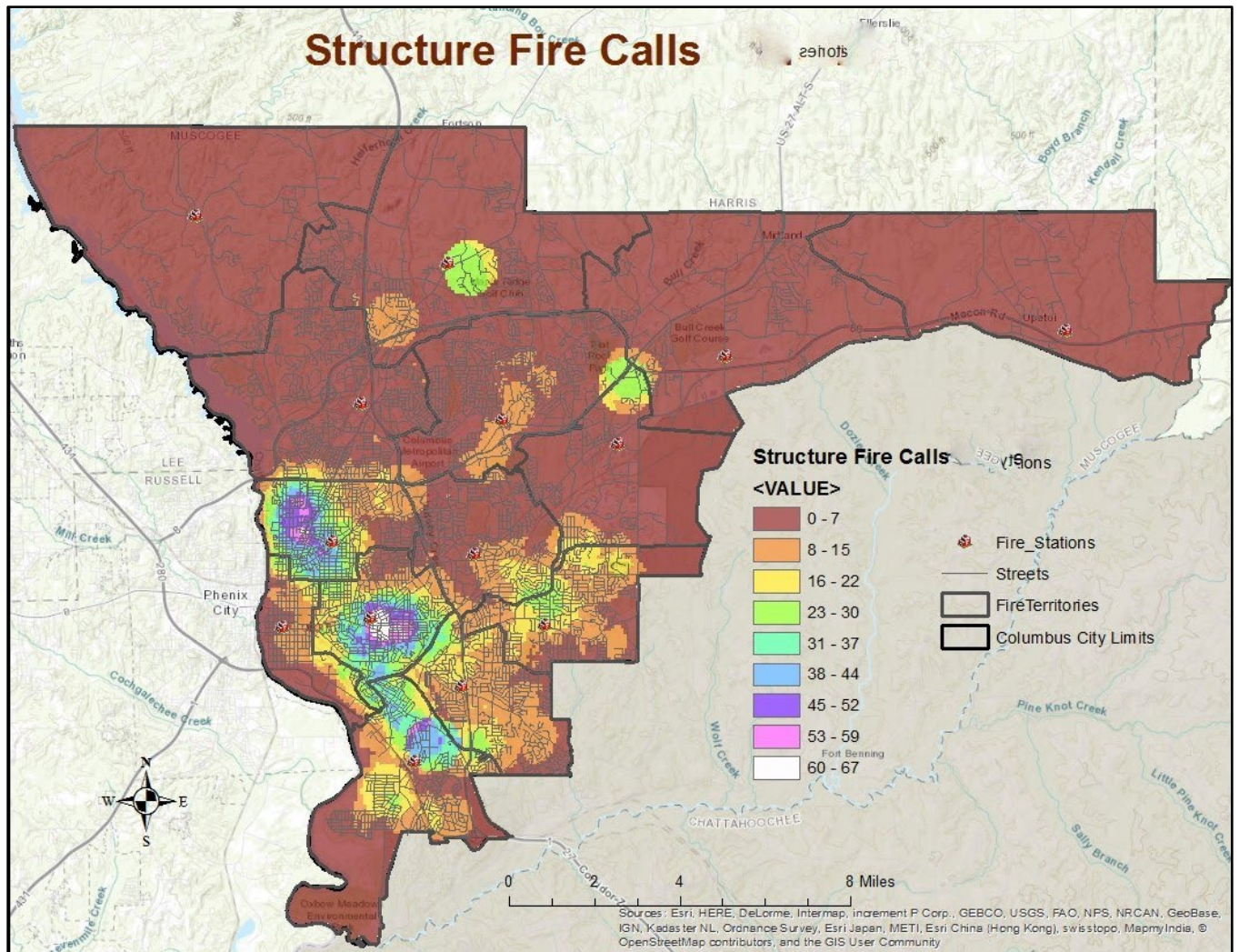




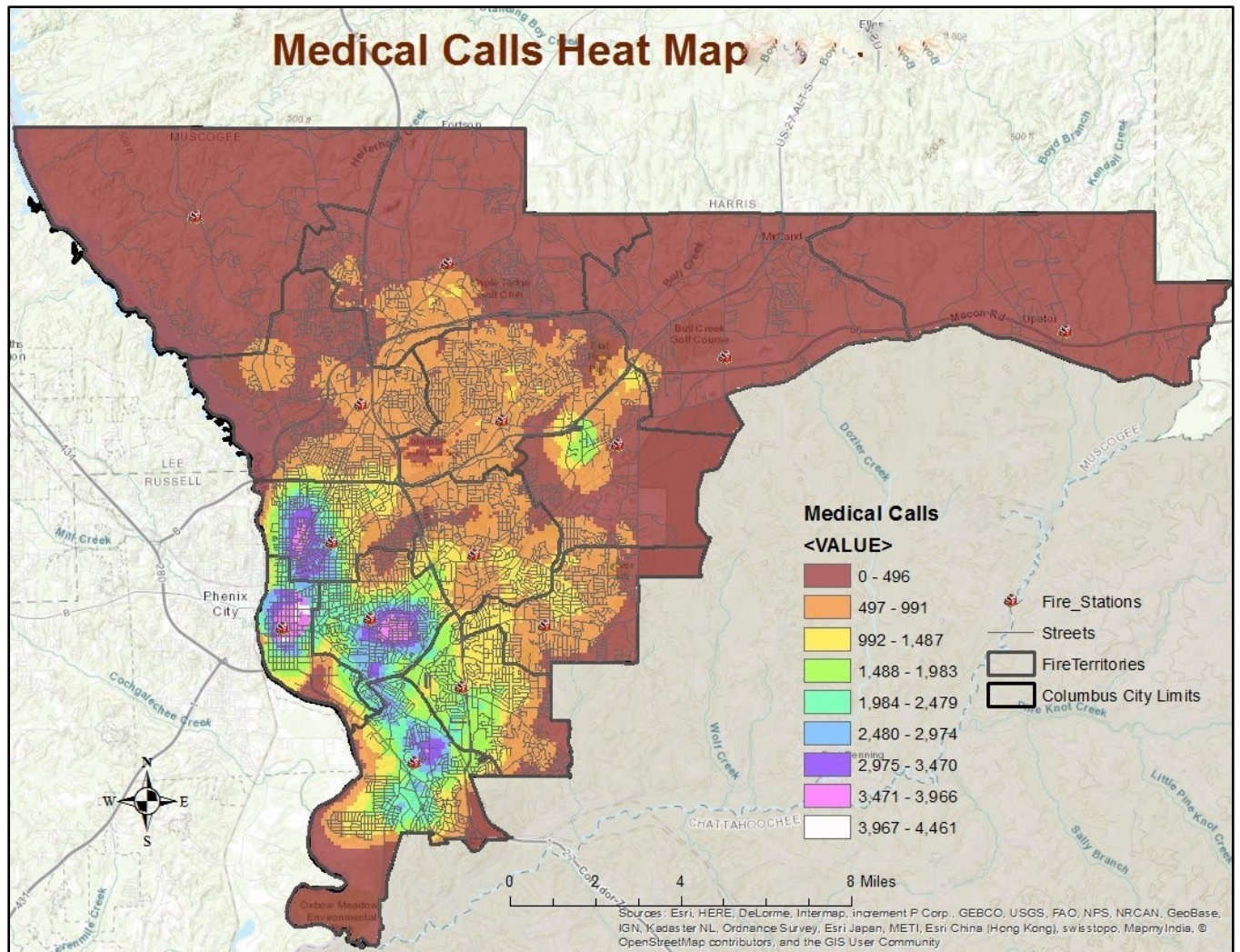














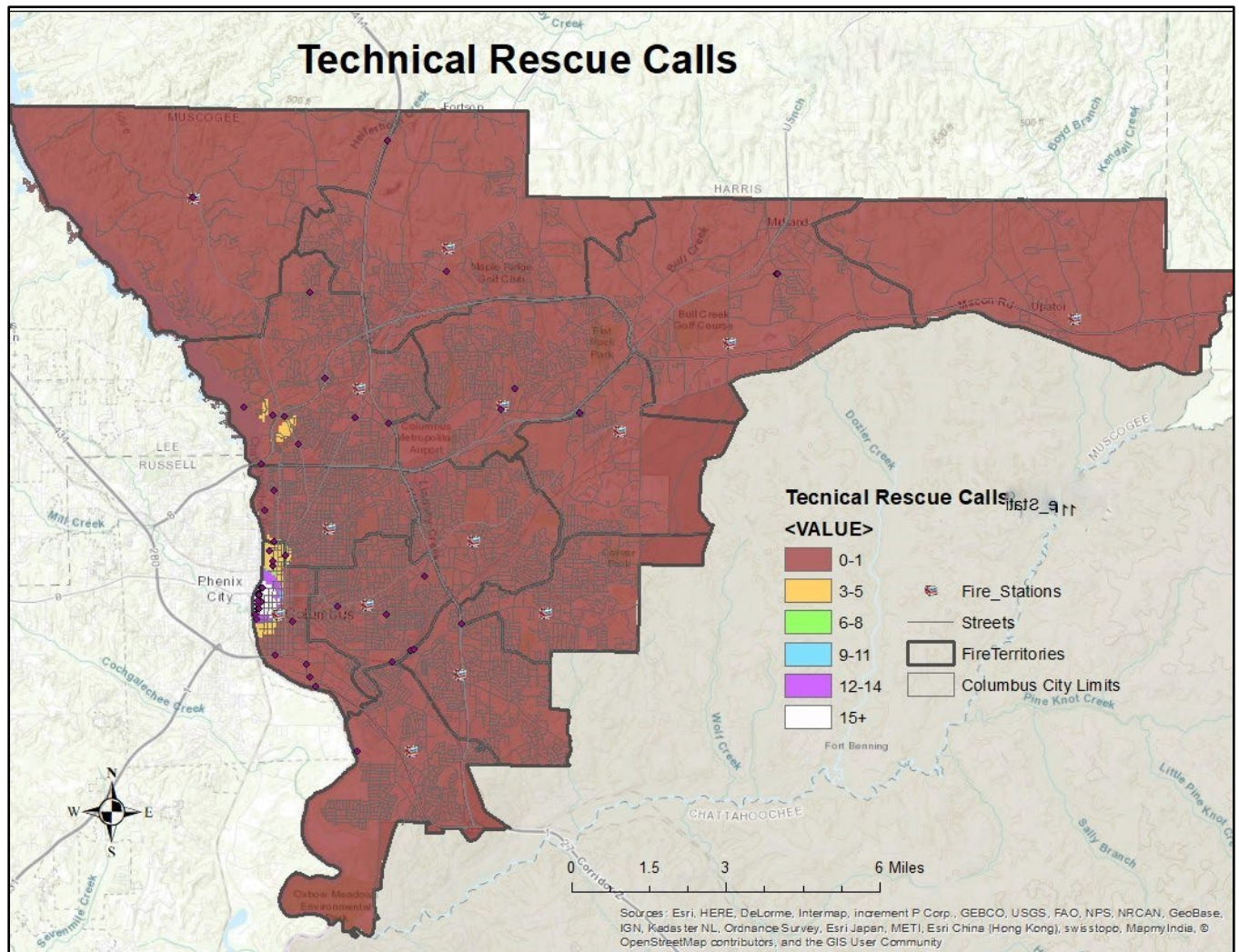


Figure 5.9 Heat Maps

## MOVE-UPS

During daily operations, CFEMS utilizes a move-up procedure to back-fill certain stations effected by an incident. This procedure allows the department to maintain adequate geographic coverage during prolonged incidents. On all major incidents, an unaffected Battalion Chief is tasked with handling move-ups. Battalion 1 covers for Battalion 3, Battalion. 2 covers for Battalion 1, and Battalion 3 covers for Battalion 2. The move-up Battalion Chief may request mutual aid during exceptionally large or complex incidents that substantially affect the department's response capability. The move-up Battalion Chief will notify dispatch operators which crews to move where, and when to do so. When the original crew returns to service and the response area from their incident, the crew that was covering their territory will return to their assigned station.

## ISO

<b>FSRS Feature</b>	<b>Earned Credit</b>	<b>Credit Available</b>
<b>Emergency Communications</b>		
414. Credit for Emergency Reporting	<b>2.55</b>	<b>3</b>
422. Credit for Telecommunications	<b>3.99</b>	<b>4</b>
432. Credit for Dispatch Circuits	<b>3</b>	<b>3</b>
<b>440. Credit for Emergency Communications</b>	<b>9.54</b>	<b>10</b>
<b>Fire Department</b>		
513. Credit for Engine Companies	<b>6</b>	<b>6</b>
523. Credit for Reserve Pumpers	<b>0.5</b>	<b>0.5</b>
532. Credit for Pump Capacity	<b>3</b>	<b>3</b>
549. Credit for Ladder Service	<b>3.08</b>	<b>4</b>
553. Credit for Reserve Ladder and Service Trucks	<b>0.5</b>	<b>0.5</b>
561. Credit for Deployment Analysis	<b>9.57</b>	<b>10</b>
571. Credit for Company Personnel	<b>11.75</b>	<b>15</b>
581. Credit for Training	<b>8.54</b>	<b>9</b>
730. Credit for Operational Considerations	<b>2</b>	<b>2</b>
<b>590. Credit for Fire Department</b>	<b>44.94</b>	<b>50</b>
<b>Water Supply</b>		
616. Credit for Supply System	<b>29.11</b>	<b>30</b>
621. Credit for Hydrants	<b>3</b>	<b>3</b>
631. Credit for Inspection and Flow Testing	<b>7</b>	<b>7</b>
<b>640. Credit for Water Supply</b>	<b>39.11</b>	<b>40</b>
<b>Divergence</b>	<b>-1.58</b>	<b>-</b>
<b>1050. Community Risk Reduction</b>	<b>4.26</b>	<b>5.5</b>
<b>Total Credit</b>	<b>96.27</b>	<b>105.5</b>

September 1, 2017, CFEMS was awarded a Public Protection Classification (PPC) of 1/1x by the Insurance Services Office. (Figure 5.12: PPC Rating)

## NFPA 1710

While this standard is a goal for the organization, it must be understood that reaching the standard will take a significant amount of time. In examining this, the past needs of the community should be evaluated as well as the present and the future needs.



The NFPA 1710 standard fails to take service area square miles or population density into consideration. The lack of consideration for area and population served makes meeting the standard more difficult for a city department. The cost associated with station placement alone is prohibitive.

Beginning in 2002, during the department's first accreditation process, CFEMS began analyzing data. The CFAI Accreditation process brought about a more formal need to identify gaps in coverage. Historical data was analyzed to reveal that station location should consider service demands, population density, and historical data to best determine new station locations.

The self-assessment process and the organization's shift to becoming a data-driven organization will begin to bring CFEMS more in line with the NFPA standard. The department is currently delivering service with an asset deployment plan based largely on geographical considerations and 90<sup>th</sup> percentile times. Moving forward, these considerations will drive the location of future assets to reduce CFEMS response times.

The self-assessment has revealed where the department currently is in relation to NFPA 1710 and reinforced the goal of meeting the standard. The process will take a considerable amount of time.

---

## CRITICAL TASKS

On-scene operations, critical tasking, and an ERF are the elements of a standard of cover analysis that aid in determining appropriate staffing levels, number of units needed, deployment strategies, and duties to be performed at an incident. A department must be able to determine what tasks should be completed to have a positive influence on the outcome of the situation and define the number of personnel and apparatus required to complete those tasks in an effective manner. Because each emergency scene is different, and the order of activities undertaken to achieve objectives may vary depending on the immediate needs. The variables of the scene should be assessed upon arrival to determine where the resources available can be most effectively used to meet our primary objectives, which are:

1. Life Safety (Occupants, emergency workers, bystanders, etc.)
2. Incident Stabilization
3. Property Conservation

CFEMS defines critical tasks for fire, EMS, technical rescue, and HazMat. A minimum number of personnel must be identified to initiate all tasks required, and an incident commander must be on-scene to assign the specific tasks. CFEMS critical tasks are not pre-assigned based on unit designation (e.g.: ladder trucks are not always assigned the task of ventilation); however, the incident commander takes into consideration the type of unit and equipment available before assigning a specific task to a crew.

All personnel have the training required to perform the specific tasks assigned. Assigning tasks to crews rather than to individuals maintains crew integrity and thereby increases firefighter safety, efficiency, and accountability.

---

## STRUCTURE FIRES

On-scene operations, critical tasking, and an ERF are the elements of the SOC that aid in the determination of appropriate staffing levels, number of units/companies needed, optimal deployment strategies, and duties to be performed on the fire ground or emergency incident scene. A department must be able to determine what tasks need to be completed to have a positive influence on the outcome of the situation, as well as the number of personnel and apparatus required to complete those tasks in an effective manner. Critical tasking for suppression activities is outlined in CFEMS Operating Guidelines for Response Standards, Volume II 02-200.

A critical task during a structure fire is one that must be conducted by firefighters in a timely manner to control the fire prior to flashover, perform rescues, or extinguish the fire. Life safety is paramount when identifying critical tasks. The National Fire Protection Agency guidelines were used to assist in identifying CFEMS critical tasks. The 2-in/2-out standard was also used to identify critical tasks on the fire ground. The standard requires firefighters to go into a fire with at least one other firefighter and not leave without them. The 2-in/2-out also ensures the safety of those entering the structure by requiring personnel to remain outside and to function as a firefighter rescue team. This means that when crews are working in a hazardous environment, they will have in place a Rapid Intervention Team (RIT) after the arrival of the effective response force.

The tasks assigned to each unit are based on the priority presented when units arrive on scene.

1. Rescue Mode – victims in immediate need of rescue.
2. Fast Attack Mode – actions of the first in engine can make a significant positive outcome on the incident (incipient stage fires or small single room fires).
3. Command mode – Immediate actions of one unit will not significantly affect the outcome of the incident and the critical tasks are assigned based on priority and unit arrival.

During rescue mode and fast attack mode the entire crew of the first in company engages in tactical operations and passes command to the next due unit. Both modes usually last only several minutes and end when the situation is stabilized, command is assumed by the next due unit, or command is transferred to a chief officer.

---

### STRUCTURE FIRE CRITICAL TASK ASSIGNMENTS (MACON/NOBLES)

**Incident Command (IC) (1)** – Command is established by an officer or acting officer assigned to remain outside of the structure to develop size-up and evaluate primary factors. Primary factors include life hazards for occupants and firefighters, location of fire, construction, area and height, occupancy/contents, exposures, time of day, auxiliary appliances, weather, apparatus/personnel, water supply, and special matters. The IC will assign critical tasks based on seven common strategic goals: Rescue, exposure, confinement, extinguishment, ventilation, salvage, and overhaul. IC will be transferred to the second arriving engine/ladder if initial command was not established from a fixed position.

<b>Personnel</b>	<b>Accountability</b>	<b>Officer</b>	<b>(1)</b>
CFEMS utilizes four forms of accountability, Level I, II, III and Level IV.			

#### **A. Level I Accountability:**

1. Personnel turn in their Personnel Accountability Tag (PAT) to their company officer at the start of their shift. The officer attaches the PAT's to the Apparatus Collector Ring.
2. Level I is in place when all present crewmembers' PAT's are on the Apparatus Collector Ring.
3. Columbus Fire and Emergency Medical Services will maintain Level I Accountability at all times.

**B. Level II Accountability:**

1. Any time during the course of an emergency, the Incident Commander has the option to direct units to account for personnel operating at the emergency by means of PAT's and Collector Rings.
2. The Incident Commander will direct all Collector Rings to be brought to the Command Post.
3. The Company Commander or his/her designee will secure the unit collector ring and take it to the Command Post.
4. Administrative staff personnel that respond to an emergency incident where the Incident Commander has directed Level II accountability or greater shall report to the command post to have their Yellow or Silver PAT collected and logged in on the Accountability Chart.
5. The designated Accountability Control Officer will organize and log Collector Rings and PAT's utilizing an Accountability Control Chart and the command assignment board.

**C Level III Accountability:**

1. When the Incident Commander determines that the incident requires extremely stringent accountability, he will implement Point of Entry, (i.e., Hazardous Materials Zones, large commercial structures).
2. To implement Points of Entry Control, the Incident Commander will designate officer(s) to monitor all points of entry into the hazard zones, structures, confined space, etc. These officers will coordinate closely with the Safety Officer. The designated radio call sign will be "Entry Control".
3. "Entry Control" will ensure that each entering member's White or Black PAT is collected and the time of entry and assignment are recorded on the Entry Control Chart.
4. When members exit a control point their time out shall be logged on the Entry Control Chart and their PAT will be returned to be placed back onto their turn out coat. Members that exit via a remote-control point shall inform Entry Control of their exit.

**D Level IV Accountability:**

1. Any time during an incident the Incident Commander has the option/responsibility to initiate a Personnel Accountability Report (PAR). Accountability Report Benchmarks would include but not be limited to:
  - a. Any report of a missing or trapped firefighter.
  - b. A change from offensive to defensive mode during the incident.
  - c. Any sudden hazardous event; flashover, back draft, collapse, eminent BLEVE, expansion of the hazard/hot zones, etc.



- d. Rescue Teams reporting an all clear.
- e. At the report that the fire is under control.
- 2. The Incident Commander can initiate a PAR by means of:
  - a. A radio command to all on scene units to respond PAR to command.
  - b. A face-to-face command via the Safety or designated Accountability Officer.
  - c. Initiating **“CODE RED” all personnel shall exit the building when signaled by a 30 second blast of apparatus air horns.**
  - d. Initiating a **“Mayday”** a universal signal for someone in distress.
- 3. Upon Commands, Initiation of a PAR:
  - a. All personnel/crews will immediately report to their assigned apparatus. 4
  - b. Companies whose engine has reversed lines to distant hydrants will report to a unit of close proximity to their working group.
  - c. Company Officers - by means of Collector Rings and PATs will account for all their personnel and report a PAR to Command (i.e., "Command, from Engine 6, I have a PAR" [all members present]).

**Incident Safety Officer (ISO) (1)** – The designation of the incident safety officer will be held by staff at the rank of Lieutenant or higher. The ISO should be certified by either a national or CFEMS certification program. The ISO will follow the “Incident Safety Officer” guideline as established by the CFEMS SOG:02-204. In the typical arrival of apparatus, the arriving Squad Truck will be designated as the rapid intervention team with the officer becoming the ISO. The ISO has the direct responsibility to focus solely on all safety aspects of the incident.

**Pump Operator (1)** – One engineer/driver or acting engineer/driver is designated as the pump operator. In a typical response, the 1<sup>st</sup> in engine will supply the Pump Operator. The pump operator will operate the pump, participate in establishing water supply, provide necessary lighting, and make necessary equipment accessible.

**Water Supply (1)** – If the pump operator is unable to establish a permanent water supply, the engineer/driver of the 2<sup>nd</sup> arriving engine is designated as water supply. Water supply will establish a permanent water supply to the Pump Operator.

**Attack Line (2)** – A minimum of two firefighters is designated as fire attack and is assigned to the attack line. An attack line is a 1 ¾” hose that produces 100-150 GPM usually handled by a minimum of two firefighters. Each CFEMS engine carries two attack lines pre-connected to the

pump. Hose selection is dependent upon the type of structure involved, distance to the seat of the fire, and the stage of the fire.

**Back-Up Line (2)** – A minimum of two firefighters are designated as Fire Attack and are assigned to the back-up line. A back-up line is usually a 1 ¾” hand line (the same size as the initial attack line) that is taken in behind the attack crew to provide cover in case the fire overwhelms them, or a problem develops with the attack line.

**Search and Rescue (SAR) (2)** – A minimum of two firefighters are assigned to search for and remove victim(s). SAR is coordinated with fire attack on the Attack Line with life safety as priority. A two-person SAR crew is normally sufficient for most moderate/low risk structures, but additional crews are needed in multi-story buildings or structures with people who are not capable of self-preservation.

**Ventilation Crew (2)** – A minimum of two firefighters are assigned to the ventilation crew and given the designation of Ventilation. Ventilation removes super-heated gases and obscuring smoke, thereby preventing flashover and allowing attack crews to see and work closer to the seat of the fire. It also gives the fire an exit route so that attack crews can push the fire out the opening they choose and keep it from endangering people or property. Ventilation is coordinated with Fire Attack and Incident Command.

**Rapid Intervention Team (2)** - A Rapid Intervention Team (RIT) should consist of a minimum of two (2) firefighters, assembled on the scene, whose primary assignment is planning and carrying out actions necessary for the rescue of fire personnel. More than one RIT may be necessary for large incidents or large-scale training exercises.

---

## LOW RISK FIRE INCIDENT

For a Low-Risk Fire incident, the total personnel needed for an effective response force is 3 personnel. A Low-Risk fire incident (vehicle, dumpster, grass, etc.) dispatch compliment is either 1 engine (4) or 1 ladder truck (3). An effective response force arrives when the unit arrives on the scene.

<b>Low Risk Fire Incident</b> (vehicle, dumpster, grass, etc.)	
<b>Critical Task</b>	<b>Minimum Personnel</b>
Size up and 360 walk around completion, command	1
Pump operator	1
Initial attack line (1 ¾ line minimum with 150 GPM capabilities)	1

---

## MODERATE RISK FIRE INCIDENT

For a Moderate Risk Fire Incident (Residential Structure Fire), the total personnel needed for an effective response force is 16 personnel. A Residential structure fire dispatch compliment of at least: 2 engines (8), 1 Squad (4), 1 ladder truck (3), 1 battalion chief (1). An effective response force arrives when both engines, the squad truck, ladder truck and battalion chief arrives on the scene. When all units are on scene, 16 personnel are available for assignment.

<b>Moderate Risk Fire Incident</b> ( <i>Single Family Residence &lt; 2,500 sq. ft.</i> )	
<b>Critical Task</b>	<b>Minimum Personnel</b>
Size up and 360 walk around completion, command	1
Pump operator	1
Initial attack line (1 ¾ line minimum with 150 GPM capabilities)	3
Water Supply (dual 3" lines or 5" supply lines from permanent water supply)	1
Safety officer (Lt. or higher certified incident safety officer)	1
Back up line (same size line or higher of initial attack line)	3
Search and Rescue	2
Ventilation Operations	2
Rapid intervention team (RIT)	2

---

## HIGH RISK FIRE INCIDENT

For a High-Risk Fire incident (Commercial Building Fire), the total personnel needed for an effective response force is at least 20 personnel. A Commercial Building fire dispatch compliment is: 3 engines (12), 1 squad (4), 1 ladder trucks (3), 1 battalion chief (1). An effective response force arrives when all units are on scene 20 personnel are available for assignment.

<b>High Risk Fire Incident (Commercial Structures)</b>	
<b>Critical Task</b>	<b>Minimum Personnel</b>
Size up and 360 walk around completion, command	1
Pump operator	1
Initial attack line (1 ¾ line minimum with 150 GPM capabilities)	3
Second attack line (1 ¾ line minimum with 150 GPM capabilities)	3
Water Supply (dual 3" lines or 5" supply lines from permanent water supply)	1
Safety officer (Lt. or higher incident safety officer)	1
Back up line (same size line or higher of initial attack line)	2
Search and Rescue	2
Rapid intervention team (RIT)	4
Ventilation Operations	2

### VERY HIGH-RISK FIRE INCIDENT

For a Very High-Risk Fire Incident (**High Risk Occupancy**), the total personnel needed for an effective response force is at least 28 personnel. A High-Density Occupancy fire dispatch compliment is: 4 engines (16), 2 ladder trucks (6), 2 battalion chief's cars (2), and 1 squad truck (4). An effective response force arrives when all units are on scene 28 personnel are available for assignment.

<b>Very High Risk Fire Incident (High Density Occupancy)</b>	
<b>Critical Task</b>	<b>Minimum Personnel</b>
Size up and 360 walk around completion, command	1
Pump operator	2
Initial attack line (1 ¾ line minimum with 150 GPM capabilities)	3
Second attack line (1 ¾ line minimum with 150 GPM capabilities)	2
Water Supply (dual 3" lines or 5" supply lines from permanent water supply)	2
Safety officer (Lt. or higher incident safety officer)	1
Back up line (same size line or higher of initial attack line)	2
Sector Lobby Control Officer	1
Base Control Officer	1
Accountability officer	1
2 <sup>nd</sup> Battalion Chief	1
Search and Rescue	2
Staging Officer	1
Rapid intervention team (RIT I and RIT II)	5
Ventilation Operations	3



## EMS CRITICAL TASKS

CFEMS responds to an average 28,613 EMS calls per year or approximately 78 calls per day. The calls are of a wide variety including sick calls, motor vehicle accidents, childbirths, difficulty breathing, and cardiac arrests. In Columbus, ambulances and fire apparatus respond to all basic and advanced life support (ALS) calls.

As with fire, EMS calls are planned for by assuming worst-case scenario – a patient in cardiac arrest. The American Heart Association (AHA) recommends a minimum of two emergency medical technicians and two certified paramedics to adequately manage an emergency cardiac scene. A cardiac arrest is classified as an ALS call, and all ALS calls have the closest fire apparatus and one ambulance dispatched. All ALS calls involving a motor vehicle crash (MVC) with possible entrapment have a ladder truck dispatched with extrication equipment, additional ambulance and a battalion chief. Based on CFEMS minimum staffing, a typical ALS call would provide a minimum of five personnel to manage the call.

EMS Critical Tasks BLS Response (Non-Life-Threatening Events)	
Critical Task	Minimum Personnel
Dispatched ambulance (Provide ALS services and transport)	2

EMS Critical Tasks ALS Response (Cardiac, Stroke, or Trauma)	
Critical Task	Minimum Personnel
Closest fire apparatus (Provide ALS/BLS services)	3
Dispatched ambulance (Provide ALS services and transport)	2

## LOW VOLUME MULTI-UNIT

CFEMS responds to a multitude of incidents other than fires or EMS. These include HAZMAT calls, Technical Rescue, severe weather and natural disasters, and service calls. While individually these calls do not occur in large numbers, as a total they do represent a substantial amount of calls. CFEMS uses the National Fire Service Incident Management System (NIMS) as a model for management of emergency scenes. NIMS is a guide for any emergency incident that does not have a specific CFEMS guideline. Implementing the NIMS model prevents the dangerous scenario of free-lance operations and allows for unity of command with an effective span of control.

### HAZMAT Critical Tasks

Critical tasks for the CFEMS hazardous material team are impossible to define because the nature of assets needed are not determined until the arrival of the first-arriving fire officer. Action taken can differ substantially based on the type of incident involved. There are various levels of personal protection as well as different mitigation tactics. There are also incidents that may only require an operations level trained response engine.

Response is the portion of incident management in which personnel are involved in controlling a hazardous materials incident defensively or offensively. The activities in the response portion of hazardous materials incident include:

- (a) Analyzing the incident
- (b) Planning the response
- (c) Implementing the planned response
- (d) Evaluating the process

Hazmat Operations Critical Tasks	
Critical Task	Minimum Personnel
FIRST ENGINE- Officer assumes command; size up; initial incident safety officer; notify and call for resources. Isolate site and deny entry (decon and resources as needed)	3
FIRST AMBULANCE- Medical team; pre-entry & post-entry vitals	2
HAZMAT TRUCK- Field safety officer (hazmat tech qualified), Entry team, Back up team	3
FIRST LADDER TRUCK- Decon Setup	3
SECOND ENGINE- Decon team	3
BATTALION CHIEF- Receives command, provides continual size up	1

## TECHNICAL RESCUE CRITICAL TASKS

Critical tasks for the Technical Rescue Team are impossible to define because the nature of assets that are needed are not determined until the arrival of the first-arriving fire officer.

Depending on the incident, other assets may be sent non-emergency. The goal of the Technical Rescue team is to recognize and identify the need for Technical Rescue services involving incidents such as structural collapse, trench collapse, complicated or advanced vehicle/machinery extrication, confined space rescue, rope rescue, etc. They perform rescue or incident stabilization as necessary to accomplish life safety and property conservation. In cases of very large events such as a large life hazard structural collapse, perform initial steps toward incident mitigation to involve size-up, requesting additional Technical Rescue services, performing rescue, shoring, and other steps toward incident stabilization until additional resources arrive to assist.

### Water Rescue

Water Rescue Critical Tasks	
Critical Task	Minimum Personnel
ENGINE- Officer assumes command; size up; initial incident safety officer	3
FIRST AMBULANCE- Medical team	2
LADDER TRUCK- Entry team supervisor, Back up team supervisor, Back up team	3
SECOND AMBULANCE- Surface Support	2
BATTALION CHIEF- Receives command, provides continual size up	1

### Vehicle Extrication

Vehicle Extrication Critical Tasks	
Critical Task	Minimum Personnel
ENGINE- Officer assumes command; size up; initial incident safety officer	3
FIRST AMBULANCE- Initiate patient care	2
LADDER TRUCK- Perform Extrication	3
SECOND AMBULANCE- Lifting, equipment shuttle	2
BATTALION CHIEF- Receives command, provides continual size up	1

### Technical Rescue

Technical Rescue Critical Tasks	
Critical Task	Minimum Personnel
FIRST ENGINE- Officer assumes command; size up; initial incident safety officer, Set up	3
AMBULANCE- Medical	2
LADDER TRUCK- Rescue supervisor, Safety officer, Set up anchors/main line/belay line	3
SECOND ENGINE- Line attendant/edge monitoring, Rigging/rope/entry team plus tenders	3
SECOND AMBULANCE- Lifting, equipment shuttle	2
BATTALION CHIEF- Receives command, provides continual size up	1

### TIME COMPONENTS

In Columbus, the vast majority of calls originate from the Columbus 911 Center, which serves as the public safety answering point (PSAP) for Columbus.

CFEMS measures alarm handing (processing), turnout, travel, and total response time.

- Alarm handling/processing - begins when call is received by 911 and ends when dispatcher has completed dispatching units.
- Turnout - begins when a unit receives notification of the emergency and ends when the unit is enroute to the emergency incident (the unit's wheels begin to roll). The maximum time for turnout should not exceed the benchmark of 80 seconds for fire and 60 seconds for medical alarms.
- Travel - begins when a unit is enroute to the emergency incident (the unit's wheels begin to roll and 911 is notified that the unit is responding) and ends when the unit arrives on the scene.
- Total response - is the sum of all the time components (Alarm handling + Turnout + Travel) Time begins when 911 receives notification of the emergency and ends when the unit(s) arrive(s) on the scene.



The special service-level objectives in the benchmark statements are based on industry standards, best practices, and the needs of the department. The objectives are approved and adopted by department management with the full support of the Mayor, City Manager and City Council.

---

## RESPONSE TIME PERFORMANCE

---

Columbus is mainly urban regarding population density with some small areas of rural densities.

CFEMS utilizes fractal measurements to measure performance. Using the 90<sup>th</sup> percentile more accurately describes response times over a broad geographical area. The 90<sup>th</sup> percentile measures how often a unit can reach a particular area of their response district. For the purpose of Accreditation, CFEMS utilizes the 90<sup>th</sup> percentile to measure response times.

Prior to establishing baseline performance, the data needs to be cleaned to remove statistical outliers. CFEMS removes non-emergency responses, exposures, mutual-aid responses, and response times with a NULL value. CFEMS does not rely on mutual aid to complete the ERF.

Outliers in the data set are examined to monitor the changes we implement concerning quality control. Outliers are used in identifying and analyzing possible problem areas.

Several factors affect response times that are beyond the control of responders and dispatchers. When responding to reported structure fires all units respond in emergency mode.

---

## BENCHMARKING

Establishing a benchmark offers the agency a figurative “Special” to aim for. Below are CFEMS benchmark response-time objectives for each level of service. CFEMS considers the area served as an urban community. All response time benchmarks are for an urban population density.

---

### FIRE

The Department’s benchmark service-level objectives are as follows:

#### **Benchmark**

For 90% of all Low-Risk Fire incidents, the total response time for the arrival of the 1st Unit shall be 6 minutes and 20 seconds. The first arriving Engine shall be capable of: providing a minimum of 3 personnel, providing 1500 GPM and a static water source (tank water) of 750 gallons; initiating command and providing for incident safety; requesting additional resources; deploying 200’ of 1 ¾” hose-line while flowing a minimum of 150 GPM; establishing an uninterrupted water supply as needed; containing the fire; performing salvage and overhaul operations; conduct a fire cause determination, and produced related documentation.

For 90% of all moderate risk structure fires, the total response time for the arrival of the first-due unit, staffed with a minimum of 3 fire personnel, shall be 6 minutes and 20 seconds. The first due unit shall be capable of but not required to simultaneously perform the following tasks: providing 1500 GPM and a static water source of 750 gallons initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims; and performing salvage operations. It is understood that the first due unit has the responsibility to conduct a proper size up and may delegate the other task to other arriving equipment. These operations shall be done in accordance with departmental standard operating guide lines while providing for the safety of responders and the general public.

For 90% of all moderate-risk structure fires, the total response time for the arrival of the ERF of sixteen personnel is 10 minutes and 20 seconds. The ERF for moderate risk shall be capable of: Establishment of incident command outside of the hazard area for the overall coordination and

direction of the initial full alarm assignment with a minimum of one member dedicated to this task. Establishment of an uninterrupted water supply of a minimum of 400 GPM for 30 minutes with supply lines maintained by the driver/operator. Establishment of an effective water flow application rate of 300 GPM from two hand-lines, each of which has a minimum flow rate of 150 GPM with each hand-line operated by a minimum of two members, provision of at least one team, consisting of a minimum of two members to raise ground ladders and perform ventilation, establishment of a rapid intervention team consisting of a minimum of two members and if an aerial device is used in operations one member to function as an aerial operator to maintain primary control of the aerial device at all times.

For 90% of all high-risk structure fires, the total response time for the arrival of the first-due unit, staffed with a minimum of three firefighters, shall be 6 minutes and 20 seconds. The first due unit for all risk levels is capable of: providing 750 gallons of tank water and 1,500 GPM pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims; and performing salvage operations. These operations are done in accordance with departmental standard operating guidelines while providing for the safety of responders and the general public.

For 90% of all high-risk structure fires, the total response time for the arrival of the ERF, staffed with twenty personnel shall be 13 minutes and 20 seconds. The ERF for high risk structure fires shall be capable of: Establishment of incident command outside of the hazard area for the overall coordination, direction, and safety of the initial full alarm assignment with a minimum of two members dedicated to managing this task, establishment of two uninterrupted water supply lines at a minimum of 400 GPM, with an operator, establishment of an effective water flow application rate of 300 GPM from three hand-lines each which has a minimum flow rate of 150 GPM with each hand-line operated by a minimum of two members to effectively and safely maintain each hand-line, provision for one support member for each attack back-up and exposure line deployed to provide hydrant hookup and to assist in laying of hose lines utility control and forcible entry, provision of at least two victim search-and-rescue teams each consisting of a minimum of two members, provision of at least two teams each team consisting of a minimum of two members to raise ground ladders and perform ventilation, establishment of a rapid intervention team with a

minimum of two members, if an aerial device is used in operations one member to function as an aerial operator and maintain primary control of the aerial at all times.

For 90% of all very high-risk structure fires, the total response time for the arrival of the first-due unit, staffed with a minimum of three firefighters, shall be 6 minutes and 20 seconds. The first due unit for all risk levels is capable of: providing 750 gallons of tank water and 1,500 GPM pumping capacity; initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims; and performing salvage operations. These operations are done in accordance with departmental standard operating guidelines while providing for the safety of responders and the public.

For 90% of all very high-risk structure fires, the total response time for the arrival of the ERF, staffed with twenty eight personnel shall be 15 minutes and 20 seconds. The ERF for very high risk structure fires shall be capable of: Establishment of incident command outside of the hazard area for the overall coordination, direction, and safety of the initial full alarm assignment with a minimum of two members dedicated to managing this task, establishment of two uninterrupted water supply lines at a minimum of 400 GPM, with an operator, establishment of an effective water flow application rate of 300 GPM from three hand-lines each which has a minimum flow rate of 150 GPM with each hand-line operated by a minimum of two members to effectively and safely maintain each hand-line, provision for one support member for each attack back-up and exposure line deployed to provide hydrant hookup and to assist in laying of hose lines utility control and forcible entry, provision of at least two victim search-and-rescue teams each consisting of a minimum of two members, provision of at least two teams each team consisting of a minimum of two members to raise ground ladders and perform ventilation, establishment of a rapid intervention team with a minimum of two members, if an aerial device is used in operations one member to function as an aerial operator and maintain primary control of the aerial at all times.



---

## EMERGENCY MEDICAL SERVICES

Advanced Life Support (ALS)" means the assessment, and if necessary, treatment or transportation by ambulance, utilizing medically necessary supplies and equipment provided by at least one individual licensed above the level of emergency medical technician. Basic Life Support (BLS)" means treatment or transportation by ground ambulance vehicle or treatment with medically necessary supplies and services involving non-invasive life support measures. Medical First Responder Service means an agency or company duly licensed by the department that provides on-site care until the arrival of the department's designated ambulance provider. Thirteen engines, six ladder trucks, and two squad trucks are staffed with a paramedic if staffing permits, if not they are all basic life support (BLS) first responders. The engines are staffed with 4 personnel (SOG 02-200 Response Guideline), ladder trucks are staffed with 3 personnel (except ladder 12 it is staffed with 4 personnel), and the squad trucks are staffed with 4 personnel. There are twelve advanced life support (ALS) ambulances (six city and six private), one peak load ALS ambulance (12 hours) and one ALS engine to provide ALS response. The ALS ambulances are staffed with a minimum of two personnel, one of which must be a paramedic. The ALS engines are staffed with minimum of four personnel, one of which must be a paramedic.

The department contracts with three third-party providers to supplement EMS coverage for the city. The ambulance providers are required to meet response time criteria for 90% of all dispatches. The initial arriving unit shall have the capabilities of providing first responder medical aid including automatic external defibrillation, until the ambulance arrives on scene. If the ambulance arrives on scene first, its personnel shall initiate care and the staff from the initial fire apparatus shall provide support as needed.

For 90% of all moderate risk ALS EMS response incidents, the total response time for the arrival of the 1st Unit shall be 6 minutes and 00 seconds. The first-due unit shall be capable of: providing incident command and producing related documentation; completing patient assessment; providing appropriate treatment; performing AED; initiating CPR; and providing IV access medication administration.

For 90% of all ALS EMS response incidents, the total response time for the arrival of the ERF, staffed with a minimum of 4 firefighters and officers, shall be 10 minutes and 00 seconds. The ERF shall be capable of providing incident command and producing related documentation; completing patient assessment; providing appropriate treatment; performing manual external defibrillation; initiating CPR; and providing IV access and medication administration.

---

## HAZMAT

For 90% of responses to low-risk HazMat incidents, the total response time for the first unit, staffed with a minimum of 3 personnel shall be: 6 minutes and 20 seconds. The first arriving Hazmat unit HMRT shall be capable of assessing safe entry routes to the incident, identifying a defensive perimeter and an operational area, staging area, and defensive operations.

For 90% of all moderate risk Hazmat incidents, the total response time for the arrival of the first-due unit, staffed with a minimum of three fire personnel, shall be 6 minutes and 20 seconds. The first due unit shall be capable of but not required to simultaneously perform the following tasks: be able to implement command and control operations that include a preliminary identification of the substance in accordance with the 15 SOG's in Section 3 of CFEMS Standards Operating Guidelines.

For 90% of all moderate risk Hazmat incidents, the total response time for the arrival of the ERF of eighteen personnel is 10 minutes and 20 seconds. The ERF for moderate risk shall be capable of being able to implement command and control operations in accordance with the 15 SOG's in Section 3 of CFEMS Standards Operating Guidelines.

**High Risk** – All units at station 6 must respond

**Very High Risk** –High risk plus calling in an off-duty shift of hazmat members

A slower response standard is necessary to account for travel time to distant portions of the county as well as non-emergency responses to some incidents.

High and very high level responses are rarely if ever utilized. Most of the hazardous materials incidents in the city can be mitigated with an Operations level response unit.

## TECHNICAL RESCUE

---

For 90% of responses to moderate-risk rescue incidents (vehicle extrication), the total response time for the first unit, staffed with a minimum of 3 personnel shall be: 6 minutes and 20 seconds. The first arriving unit will determine if rescue equipment is needed and request a rescue unit with the proper equipment. The first arriving unit shall establish command and control to determine the need for rope rescue equipment as outlined in SOG 03-316 through 03-325.

The technical rescue team (vehicle extrication) with an effective response force (EFR) twelve firefighters and officers shall arrive on scene shall be 10 minutes and 20 seconds, total response time 90 percent of the time and be able to implement command and control operations which include establishing a safety zone, incident command as outlined in SOG 03-316 through 03-325.

For 90% of responses to high-risk rescue incidents (swift water), the total response time for the first unit, staffed with a minimum of 3 personnel shall be: 6 minutes and 20 seconds. the first arriving unit will determine if rescue equipment is needed and request a rescue unit with the proper equipment. The first arriving unit shall establish command and control to determine the need for technical rescue equipment as outlined in SOG 03-316 through 03-325.

The technical rescue team (swift water) with an effective response force (EFR) twelve firefighters and officers shall arrive on scene shall be 12 minutes and 20 seconds, total response time 90 percent of the time and be able to implement command and control operations which include establishing a safety zone, incident command as outlined in SOG 03-316 through 03-325.

## **BASELINE PERFORMANCE**

Before measuring baseline emergency responses, statistical outliers were removed, as well as all non-emergency responses, mutual aid assistance, exposures, 2<sup>nd</sup> alarm times and NULL time values. Non-emergency responses are also not considered because they would have been driving with the flow of traffic for a portion of their response. Measuring mutual-aid units does not assess CFEMS capabilities. Exposures are removed. Exposure reports are generated on the same incident report as the initial incident. These incidents reflect a skewed response time. Unless otherwise noted, NULL time values are removed. These times represent an incomplete time segment. E.g.: if a unit was cancelled, the arrival time would be equal to NULL because the unit did not arrive on scene. The categories and criteria for measuring baseline performance at the 90<sup>th</sup> percentile is detailed below.

---

## **FIRE PERFORMANCE**

### **STRUCTURE FIRES - MODERATE RISK**

For 90% of all moderate risk structure fires, the total response time for the arrival of the first-due unit, staffed with a minimum of 3 fire personnel, is 8 minutes. The first due unit shall be capable of but not required to simultaneously perform the following tasks: providing 1500 GPM and a static water source of 750 gallons initiating command; requesting additional resources; establishing and advancing an attack line flowing a minimum of 150 GPM; establishing an uninterrupted water supply; containing the fire; rescuing at-risk victims; and performing salvage operations. It is understood that the first due unit has the responsibility to conduct a proper size up and may delegate the other task to other arriving equipment. These operations shall be done in accordance with departmental standard operating guidelines while providing for the safety of responders and the general public.

For 90% of all moderate risk fires, the total response time for the arrival of the ERF of sixteen personnel is 15 minutes and 33 seconds. The ERF for moderate risk shall be capable of: Establishment of incident command outside of the hazard area for the overall coordination and direction of the initial full alarm assignment with a minimum of one member dedicated to this task. Establishment of an uninterrupted 5" water supply line maintained by the driver/operator.



Establishment of an effective water flow application rate of 300 GPM from two hand-lines, each of which has a minimum flow rate of 150 GPM with each hand-line operated by a minimum of two members, provision of at least one team, consisting of a minimum of two members to raise ground ladders and perform ventilation, establishment of a rapid intervention team consisting of a minimum of two members and if an aerial device is used in operations one member to function as an aerial operator to maintain primary control of the aerial device at all times.

(Moderate Risk) Fire Suppression - 90th Percentile Times - Baseline Performance			Benchmark (Target)	2017-2021	2021	2020	2019	2018	2017
Alarm Handling	Pick-up to Dispatch	Urban	01:00	03:06	02:21	03:54	02:50	02:07	02:26
Turnout Time	Turnout Time 1st Unit	Urban	01:20	01:39	01:37	01:50	01:48	01:24	01:26
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	05:01	04:34	04:26	04:34	05:07	05:16
	Travel Time ERF Concentration	Urban	08:00	11:01	11:41	11:09	10:57	11:34	11:16
Total Response Time	Total Response Time 1st Unit on Scene Distribution	Urban	06:30	8:00	07:09	08:21	05:33	08:07	07:50
				n=672	n=163	n=135	n=102	n=97	n=152
	Total Response Time ERF Concentration	Urban	010:30	15:33	13:51	14:40	14:04	16:00	14:26
				n=644	n=101	n=91	n=92	n=96	n=135

2017-2021 Moderate Risk Fire Suppression Response Times				
1st/ERF	Urban/Rural	Baseline	Benchmark	Gap
1st Due	Urban	8:00	6:20	01:40
		n=672		
ERF	Urban	15:33	10:20	05:13
		n=644		

**STRUCTURE FIRES – HIGH RISK**

An effective response force (ERF) for high risk, maximum and special risk fires is not available due to the limited number of incidents (N=0).

**STRUCTURE FIRES – VERY HIGH RISK**

An effective response force (ERF) for high risk, maximum and special risk fires is not available due to the limited number of incidents (N=0).

**EMS PERFORMANCE****ALS - MODERATE RISK**

---

For 90% of all moderate risk ALS EMS response incidents, the total response time for the arrival of the 1st Unit with a minimum of 2 personnel is 8 minutes and 54seconds. The first-due ALS unit shall be capable of: providing incident command and producing related documentation; completing patient assessment; providing appropriate treatment; performing AED; initiating CPR; and providing IV access medication administration.

For 90% of all ALS EMS response incidents, the total response time for the arrival of the ERF, staffed with a minimum of five firefighters and officers, is 13 minutes and 05 seconds. The ERF shall be capable of: providing incident command and producing related documentation; completing patient assessment; providing appropriate treatment; performing manual external defibrillation; initiating CPR; and providing IV access and medication administration.

(Moderate Risk) EMS - 90th Percentile Times - Baseline Performance			Benchmark (Target)	2017-2021	2021	2020	2019	2018	2017
Alarm Handling	Pick-up to Dispatch	Urban	01:00	03:33	03:33	04:03	02:31	02:07	02:27
Turnout Time	Turnout Time 1st Unit	Urban	01:00	01:43	2:07	01:50	01:34	01:46	01:25
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	05:55	06:28	05:47	06:04	05:54	05:29
	Travel Time ERF Concentration	Urban	06:00	07:28	10:54	07:49	09:36	09:04	08:34
Total Response Time	Total Response Time 1st Unit on Scene Distribution	Urban	06:00	08:54	10:19	10:22	07:57	08:01	07:57
				n=32262	n=6375	n=7354	n=6241	n=6363	n=5929
	Total Response Time ERF Concentration	Urban	08:00	13:05	14:42	12:20	12:07	12:04	11:07
				n=32024	n=6376	n=7220	n=6240	n=6252	n=5936

2016-2020 Moderate Risk EMS (ALS) Response Times				
1st/ERF	Urban/Rural	Baseline	Benchmark	Gap
1st Due	Urban	8:54	6:20	02:34
		n=32262		
ERF	Urban	13:05	10:20	02:45
		n=32024		

---

## HAZMAT PERFORMANCE

### HAZMAT MODERATE RISK

---

For 90 % of all moderate risk Hazmat incidents, the total response time for the arrival of the first-due unit, staffed with a minimum of three fire personnel, is 8 minutes and 41 seconds. The first due unit shall be capable of but not required to simultaneously perform the following tasks: be able to implement command and control operations that include a preliminary identification of the substance in accordance with the 15 SOG's in Section 3 of CFEMS Standards Operating Guidelines.

For 90 % of all moderate risk structure fires, the total response time for the arrival of the ERF of eighteen personnel is 16 minutes and 43 seconds. The ERF for moderate risk shall be capable of: be able to implement command and control operations in accordance with the 15 SOG's in Section 3 of CFEMS Standards Operating Guidelines.

(Moderate Risk) Hazmat - 90th Percentile Times - Baseline Performance			Benchmark (Target)	2017-2021	2021	2020	2019	2018	2017
Alarm Handling	Pick-up to Dispatch	Urban	01:00	02:30	03:08	03:20	02:25	02:07	03:30
Turnout Time	Turnout Time 1st Unit	Urban	01:00	01:40	01:02	00:59	02:01	00:56	02:09
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	05:16	6:37	04:31	04:53	03:22	04:46
	Travel Time ERF Concentration	Urban	06:00	09:41	10:24	05:47	10:01	10:21	10:51
Total Response Time	Total Response Time 1st Unit on Scene Distribution	Urban	06:00	08:41	10:19	04:53	06:34	05:42	07:20
				n=28	n=7	n=4	n=6	n=5	n=4
	Total Response Time ERF Concentration	Urban	10:00	16:43	17:40	06:33	14:27	18:29	17:48
				n=27	n=6	n=4	n=6	n=5	n=4

2016-2020 Moderate Risk Haz Mat Response Times				
1st/ERF	Urban/Rural	Baseline	Benchmark	Gap
1st Due	Urban	8:41	6:20	02:21
		n=28		
ERF	Urban	16:43	10:20	06:23
		n=27		



## TECHNICAL RESCUE PERFORMANCE

### TECHNICAL RESCUE MODERATE RISK

---

For 90 percent of responses to moderate risk\_rescue incidents, the total response time for the first unit, staffed with a minimum of 3 personnel is: 8 minutes and 37 seconds. The first arriving unit will determine if rescue equipment is needed and request a rescue unit with the proper equipment. The first arriving unit shall establish command and control to determine the need for extrication equipment as outlined in SOG 03-318 Vehicle Extrication.

The technical rescue team with an effective response force (EFR) 12 firefighters and officers shall arrive on scene in 12 minutes and 46 seconds, total response time 90 percent of the time and be able to implement command and control operations which include establishing a safety zone, incident commander shall assign duties as outlines in SOG 03-318 Vehicle Extrication.

(Moderate Risk) Technical Rescue - 90th Percentile Times - Baseline Performance			Benchmark (Target)	2017- 2021	2021	2020	2019	2018	2017
Alarm Handling	Pick-up to Dispatch	Urban	01:00	03:20	02:33	04:28	03:19	03:24	03:58
Turnout Time	Turnout Time 1st Unit	Urban	01:20	01:48	02:41	01:05	01:15	01:49	02:28
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	05:05	05:09	06:03	06:11	05:20	04:31
	Travel Time ERF Concentration	Urban	08:00	07:41	05:22	08:10	09:32	08:00	07:28
Total Response Time	Total Response Time 1st Unit on Scene Distribution	Urban	06:20	08:37	09:40	08:18	08:32	09:00	06:14
				n=37	n=5	n=8	n=12	n=5	n=7
	Total Response Time ERF Concentration	Urban	10:20	12:46	12:25	13:19	15:29	10:11	10:20
				n=36	n=5	n=8	n=12	n=5	n=6

2016-2020 Moderate Risk Tech Rescue Response Times				
1st/ERF	Urban/Rural	Baseline	Benchmark	Gap
1st Due	Urban	08:37	6:20	02:17
		n=37		
ERF	Urban	12:46	10:20	02:26
		n=36		

## TECHNICAL RESCUE HIGH RISK

---

For 90 percent of responses to high-risk rescue incidents, the total response time for the first unit, staffed with a minimum of 3 personnel is: 10 minutes and 57 seconds. The first arriving unit will determine if rescue equipment is needed and request a rescue unit with the proper equipment. The first arriving unit shall establish command and control to determine the need for water rescue equipment as outlined in SOG 03-321 Water Rescue.

The technical rescue team with an effective response force (EFR) 12 firefighters and officers shall arrive on scene in 15 minutes and 47 seconds, total response time 90 percent of the time and be able to implement command and control operations which include establishing a safety zone, incident commander shall assign duties as outlined in SOG 03-321 Water Rescue.

(High Risk) Technical Rescue - 90th Percentile Times - Baseline Performance			Benchmark (Target)	2017- 2021	2021	2020	2019	2018	2017
Alarm Handling	Pick-up to Dispatch	Urban	01:00	4:37	04:52	04:33	03:58	02:55	03:38
Turnout Time	Turnout Time 1st Unit	Urban	01:20	01:27	01:16	01:31	01:10	00:48	01:23
Travel Time	Travel Time 1st Unit Distribution	Urban	04:00	06:31	03:30	06:36	04:34	05:51	06:22
	Travel Time ERF Concentration	Urban	10:00	12:01	06:42	14:47	12:46	11:59	15:27
Total Response Time	Total Response Time 1st Unit on Scene Distribution	Urban	6:20	10:57	08:09	13:50	08:26	06:59	09:46
				n=49	n=9	n=7	n=10	n=9	n=14
	Total Response Time ERF Concentration	Urban	12:30	15:47	11:41	17:52	18:32	15:41	20:30
				n=46	n=9	n=6	n=9	n=8	n=14

2016-2020 High Risk Tech Rescue Response Times				
1st/ERF	Urban/Rural	Baseline	Benchmark	Gap
1st Due	Urban	10:57	6:20	04:37
		n=49		
ERF	Urban	15:47	12:20	03:27
		n=46		

## SECTION VI EVALUATION OF CURRENT DEPLOYMENT AND PERFORMANCE

The objectives of this section are to complete a comparative review of agency benchmark baseline statements, and an overall evaluation including conclusions and recommendations. To date, CFEMS has had some difficulty regularly reporting response times due to computer hardware issues (MDTs). The Department received funding for all unit MDT upgrades. The methodology begins with the identification of baseline performance at the 90<sup>th</sup> percentile. After evaluating the data, the benchmark was established. During analysis, the department identified the gaps between the baseline and benchmark. While some analysis was done, there is a defined need for additional analysis. Call volume continues to rise, making reaching current benchmarks even more difficult. The department will reassess current benchmarks to decide if adjustment need to be made given the current climate.

### RELIABILITY

The response reliability for Engines 2021 is 84.56%, with 15.44% of all calls being handled by non-first due units. CFEMS is continually analyzing data to determine why units are responding outside of their own first-in territory.

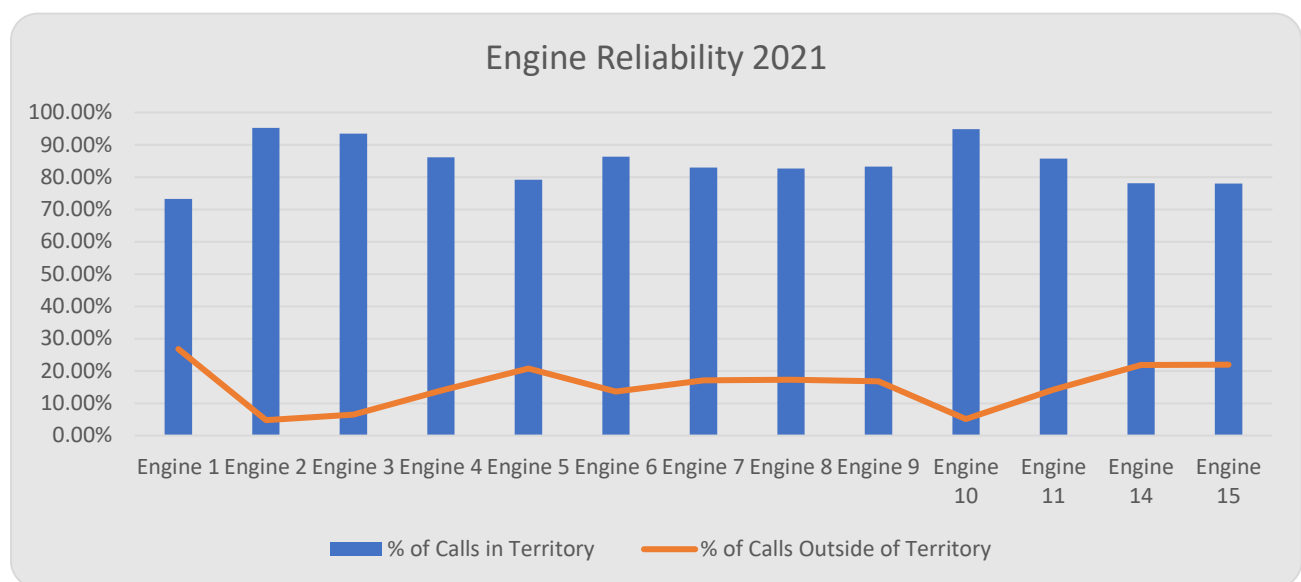


Figure 6.1 Engine Reliability



The response reliability for Ladders is 92.32%; with 6.68% of all calls being handled by non-first due units. CFEMS is continuously analyzing data to determine why units are responding outside of their own first-in territory.



Figure 6.2 Ladder Reliability

The response reliability for Squads is 95.09%, with 4.91% of all calls being handled by non-first due units. CFEMS is continuously analyzing data to determine why units are responding outside of their own first-in territory. (Figure 6.3 Squad Reliability)

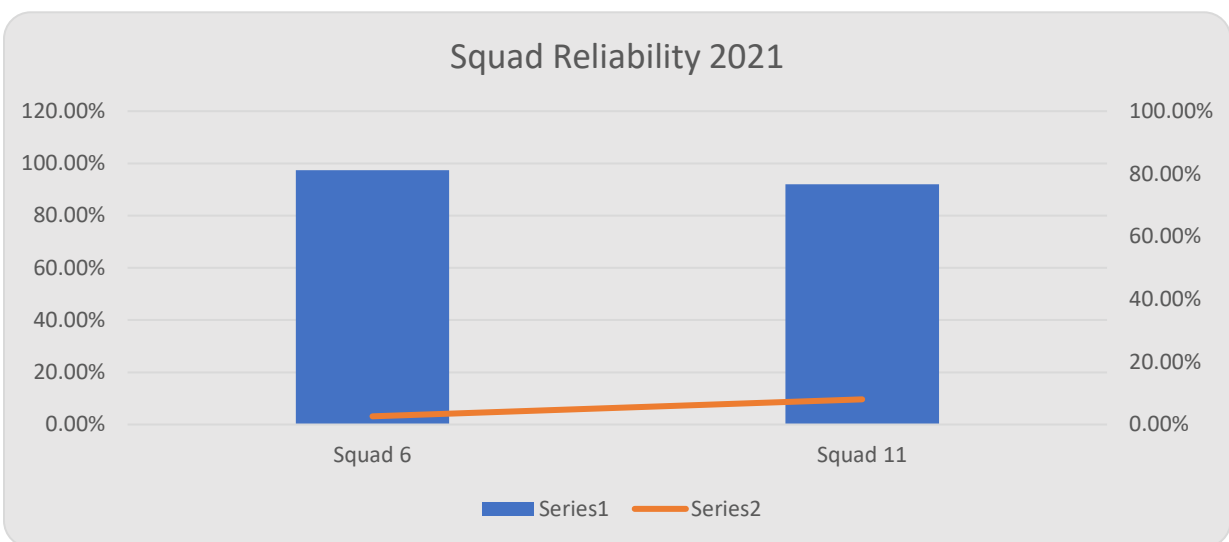
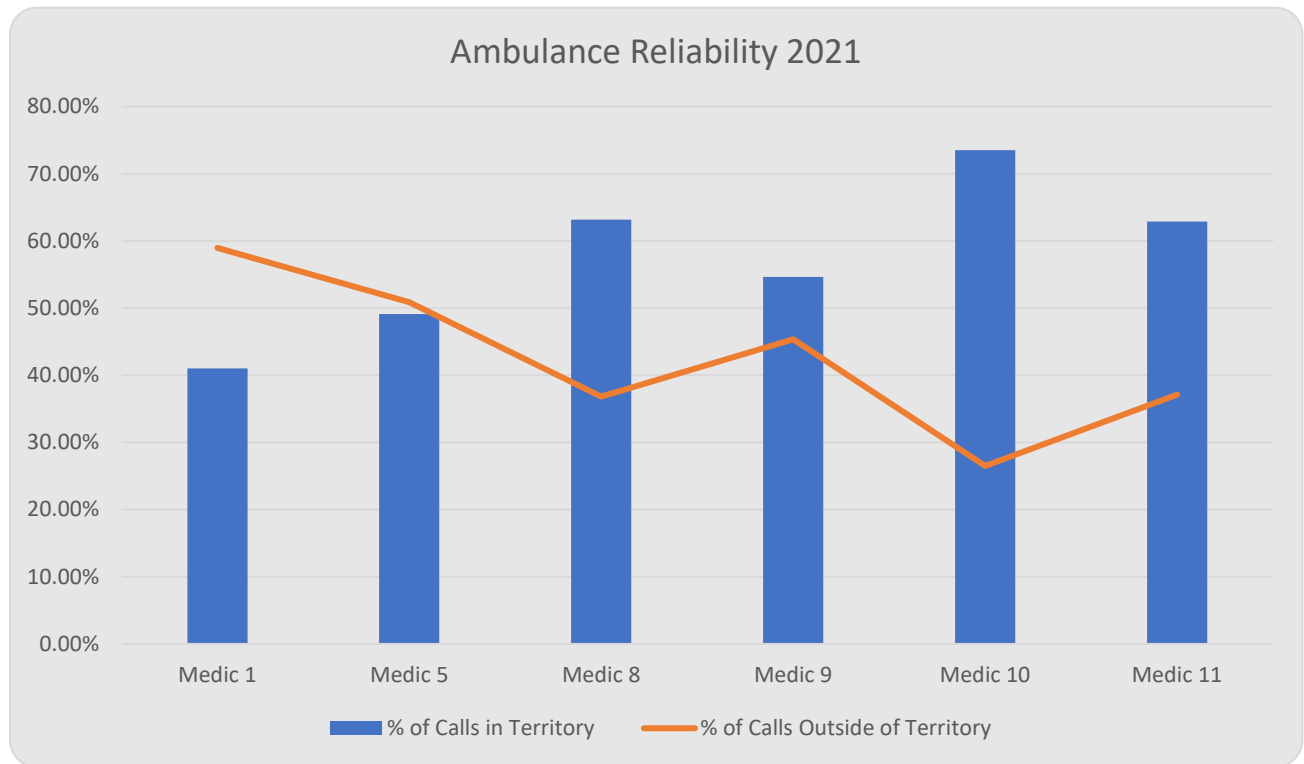


Figure 6.3 Squad Reliability

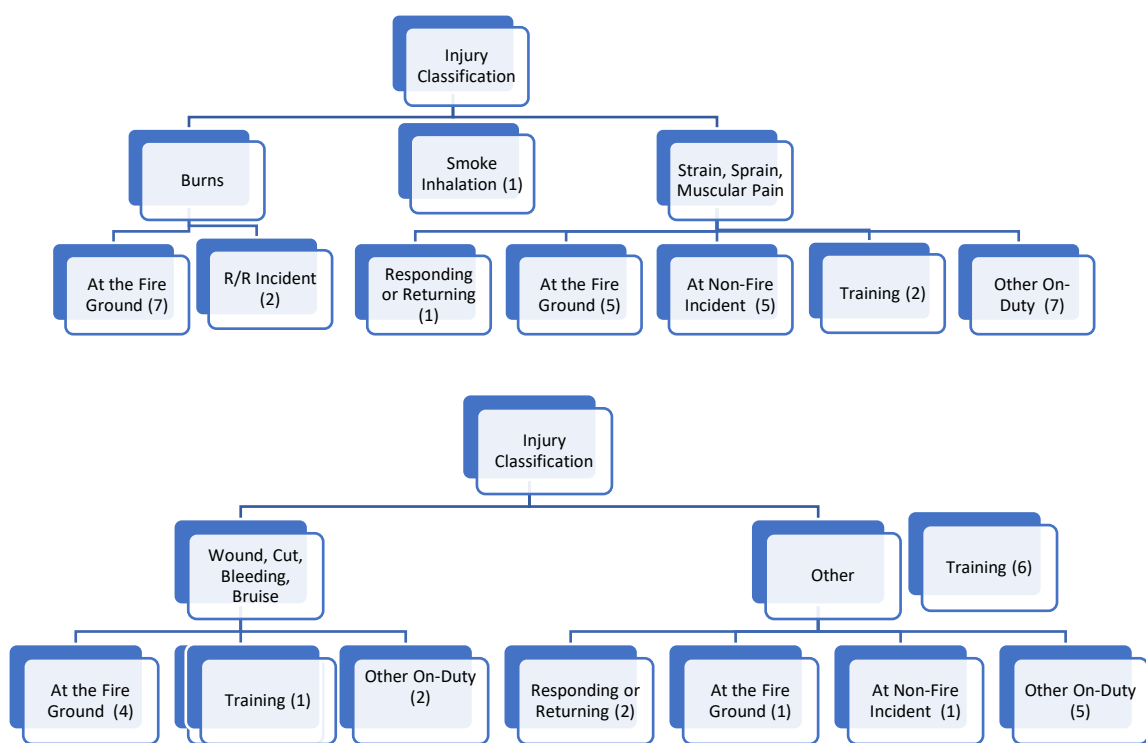
The average response reliability for Ambulances is 57.39 %, with 42.61% of all calls being handled by non-first due units. CFEMS is continuously analyzing data to determine why units are responding outside of their own first-in territory. (Figure 6.4 Ambulance Reliability)

Figure 6.4 Ambulance Reliability



## FIREFIGHTER INJURY/FATALITIES

CFEMS understands that the department has been very fortunate and has not had an on-scene line of duty death (LODD) since March 26, 1973. CFEMS is continually making cultural changes to increase firefighter health, safety, and wellness. Risk of injury and fatalities are managed through proper training, personal protective equipment (PPE), and actions on the fire ground. All are being trained as safety officers and are trained on incident size-up, initial company operations, and first in tactical decision-making. Many of the standard operating procedures are life-safety focused as well. (Figure 6.6 Injuries)



The department promotes a healthy lifestyle through annual mandatory health screens. CFEMS has been approved funding for the OneTest cancer screening blood test for all members as well as well as a low-dose CT scan available for members 40 years and older. After Action Reviews are held after large incidents to ensure continuous improvement of performance, identification of unsafe actions, and to ensure proper communications. On-the-job injuries are monitored to identify unsafe working practices and trends. Identified hazards and trends in injury cause are addresses through policy changes and personnel education.

## CIVILIAN CASUALTY/FATALITY

According to the National Safety Council (NSC) Injury Facts 2020, 1 in 1,450 people will die from exposure to fire, flames or smoke. Fire is the fourteenth leading cause of injury-related death over all ages. (Figure 6.7 NSC)

Cause of Death	Odds of Dying
Heart Disease	1 in 6
Cancer	1 in 7
COVID-19	1 in 12
All preventable causes of death	1 in 21
Chronic lower respiratory disease	1 in 28
Opioid Overdose	1 in 67
Suicide	1 in 93
Motor Vehicle Crash	1 in 101
Fall	1 in 102
Gun Assault	1 in 221
Pedestrian Incident	1 in 541
Motorcyclist	1 in 799
Drowning	1 in 1,024
Fire or Smoke	1 in 1,450

*Source: National Safety Council estimates based on data from National Center for Health Statistics—Mortality Data for 2020, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Population and life expectancy data are from the U.S. Census Bureau. Deaths are classified on the basis of the 10th Revision of the World Health Organization's "The International Classification of Diseases" (ICD). Numbers following titles refer to External Cause of Morbidity and Mortality classifications in ICD-10.*

Figure 6.7 NSC

According to the US Fire Administration (2020), rates per 1,000,000 population:

- National fire death rate: 10.7
- National fire injury rate: 50.6
- Gender and Race: African American males (19.1) and American Indian males (18.7) have the highest fire death rates per million population
- Age: People ages 85 or older have the highest fire death (38.0) and ages 50-54 have the highest injury (66.4) rates

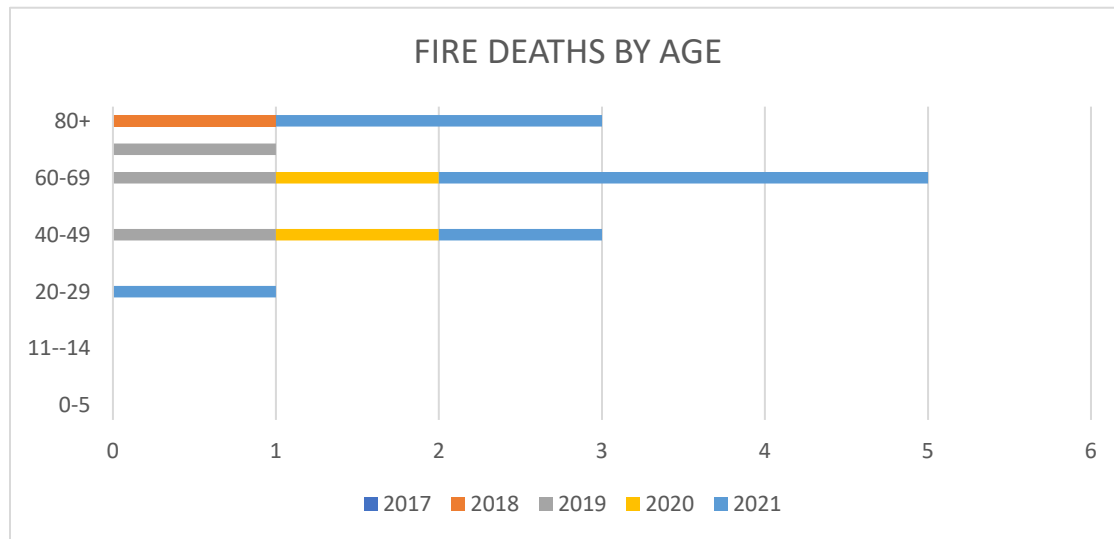
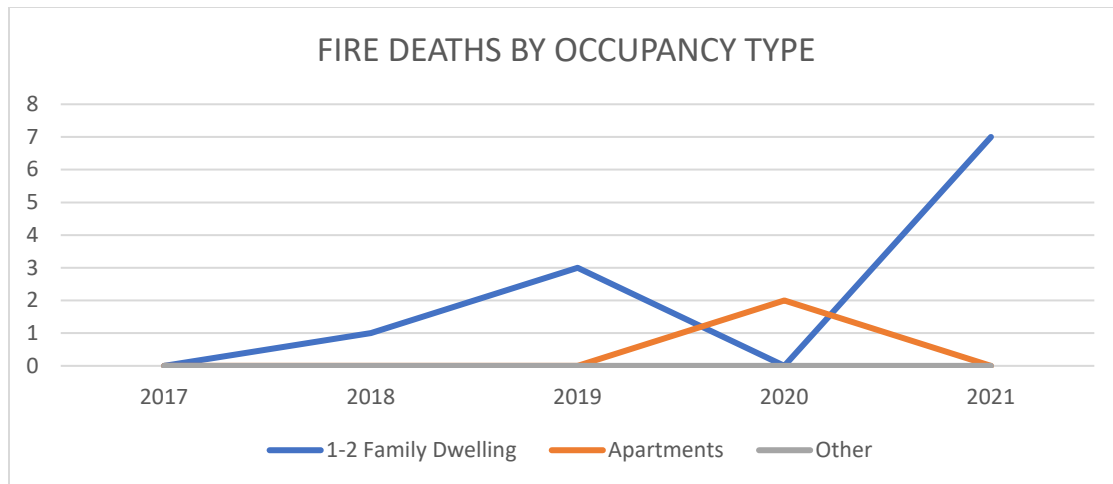


Figure 6.8 CFEMS Fire Deaths



## SECTION VII: PLAN FOR MAINTAINING AND IMPROVING RESPONSE CAPABILITIES

### CALL PROCESSING

In August of 2019, the 911 center implemented the new Premiere One CAD upgrade. Since its implementation, call processing times have been calculated at approximately 4 minutes at the 90<sup>th</sup> percentile. With a change in leadership in the 911 center and through conversation with them on our expectations and identified benchmarks, times have improved to close 2 minutes. NFPA standard for call processing is 60 seconds. CFEMS is actively communicating with 911 to reduce call processing times. Quarterly 911 meeting were suspended during the COVID crises but are scheduled to resume at the beginning on the 3<sup>rd</sup> quarter 2022. With continued communications and cooperation between the 911 center and CFEMS, times should improve further.

---

### TURNOUT

In 2013, the department began daily reporting of turnout times to the Operations Chief. Any incident that had a turnout time over 2 minutes was reported. Turnout times began to decrease to become more in line with operating standards. Response time analysis of 2020 data has indicated an increase in turnout times. Continued monitoring of turnout times is crucial to improving the overall response time.

---

### RESOURCE ALLOCATION

In 2004, the department has contracted with private ambulance providers to provide four 24 hr. trucks to enhance response capabilities while reducing workload for personnel. In 2017, two additional 24 hr. units were added due to increase in calls for service. The contract was amended in 2020 when one of the three providers stopped providing services. Currently, two private providers provide 3 24-hour ambulances.

---

## SUPPLEMENTAL AMBULANCE CONTRACT

CFEMS' supplemental ambulance contract with the ambulance providers was renewed in 2020.

To ensure CFEMS' response time requirements are met, the new contract specifies:

- Mandatory data reporting to CFEMS
- Bill patients at the current rate for CFEMS
- All equipment shall be equivalent to CFEMS' equipment
- Participate in QA/QI process on care delivery
- Conflict resolution policy

---

## ALS CAPABILITIES

All department and private ambulances responding out of CFEMS stations are staffed with a Paramedic and able to provide ALS care. The department has designated 11 fire apparatus as paramedic engines as staffing allows. All fire apparatuses are designated as medical first responder units (MFRU). Tracking of medical information and technologies must be ongoing to ensure that a high standard of care is met at every patient contact and to ensure the best possible protection for EMS providers. The Medical Control Committee was formed in 2004 to foster the relationship between all medical providers in the city. The committee along with the medical director ensures consistency in patient care through the meetings and issues are addressed that affect delivery of quality service. The meetings were suspended in 2020 and 2021 due to the Covid pandemic.

## AMBULANCE WALL TIME

Time units are out at the hospital has consistently reduced the number of apparatus available to respond to calls for service. CFEMS has worked with local hospitals to reduce “Wall Time”. The hospitals have made changes to their triage and processes to reduce wall time until Covid became widespread in the area overwhelming the hospital system. In 2020, ED #1 is at 50 min at 90<sup>th</sup> percentile, ED #2 is at 37 min at 90<sup>th</sup> percentile, and ED #3 is at 36 min at 90<sup>th</sup> percentile but when Covid became prevalent in 2021, wall times increased in comparison to 2020 due to the hospitals in-patient beds being full causing a backlog of patients in the ED. In 2021, ED #1 is at 1 hr. 1 min at 90<sup>th</sup> percentile, ED #22 is at 1 hr. 9 min and ED #3 is at 57 min at 90<sup>th</sup> percentile.

## QUALITY ASSURANCE/QUALITY IMPROVMENT

The departments Quality Assurance and Quality Improvement (QA/QI) process provides for the review of all reports entered into Image Trend, the departments records management software. Responsibility of the Company Officer /Acting Officer is to review each NFIRS report and Patient Care Report (PCR) to ensure the report shows 100% validity and to ensure all pertinent data has been entered and is accurate. Response times are monitored, and aberrant times can be corrected if known to be incorrect. After completion of their review, Station Officers will change the “Status” to “Reviewed” or “QA/QI by Station Officer. The next step is the review of the Battalion Chief /Acting Battalion Chief. They are responsible to review all NFIRS reports within their Battalion. Reports that are marked “Reviewed” are selected and following their review, Battalion Chiefs will change the “Status” to “QA/QI” or “QA/QI by Battalion Chief”. This process is to be completed no later than the following shift. Staff conducts a monthly review of NFIRS reports to ensure the Quality Assurance process is working to produce accurate/complete NFIRS reports. The EMS Division Chief (EMS Coordinator) reviews patient care reports on high acuity calls involving stroke, STEMI, cardiac arrest, significant trauma and pediatric patients to ensure protocol is being followed. Once reviewed, the EMS Coordinator will select “QA/QI by EMS Coordinator.”

## TURNOVER/RETIREMENT

Each year CFEMS has vacancies due to retirements, resignations, and terminations. Hiring for vacant positions does not pose a problem for the department, the problem is the hardship in staffing to fill the gap. The critical positions to fill are the Firemedic positions. With the ordinance changes that increased paramedic incentive pay to \$6,200 as well as moving Firemedics from a Grade 14 to 15, retention of Firemedics has increased the number of volunteers to attend paramedic training to fill vacant positions.

	2016	2017	2018	2019	2020	2021
Retired	7	2	14	12	19	13
Resigned	26	21	15	34	30	39
Terminated	0	1	0	0	0	3
Firemedics	13	5	5	7	3	9

## CFEMS PARAMEDIC PROGRAM

Columbus Fire and EMS began the first in house paramedic program in 2004 to fulfill the need for paramedics in the department and the community. The National Registry of EMTs (NREMT) implemented programmatic accreditation as an eligibility requirement for National EMS Certification at the paramedic level. Following a lengthy, time intensive process to become accredited through CAAHEP in 2018. The paramedic program consists of a 14-month in-house program that entails 1400 total training hours (736 Didactic, 224 Lab, 440 Clinical). Students must pass a pre-test plus Anatomy and Physiology to enter the program. We signed an articulation agreement with Columbus Technical College in January 2020. Students are awarded 41 semester hours upon completion of the program.

## ORGANIZATIONAL IMPROVEMENT PLAN (5 YEAR)

Delivery of services with a continued increases to call volume and apparatus integrity issues is a constant concern. The department will focus on the health and safety of personnel through fitness and wellness initiatives. The department will work to improve technology to allow for safer operations and more robust collection of data. In the next 5 years, CFEMS hopes to affect change in the following areas:

- Apparatus Replacement and Maintenance
- Professional Development
- Community Risk Reduction Efforts
- Delivery of Services
- Technology Advancement
- Health, Wellness, and Safety of Personnel



**File Attachments for Item:**

A. US 80/SR 22/Beaver Run at Psalmond Road Intersection Improvements – RFB No. 23-0004

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	US 80/SR 22/Beaver Run at Psalmound Road Intersection Improvements – RFB No. 23-0004
<b>INITIATED BY:</b>	Finance Department

It is requested that Council authorize the execution of a construction contract with Robinson Paving Company (Columbus, GA) in the amount of \$916,261.95 for intersection improvements at US 80/SR 22/Beaver Run at Psalmound Road.

The work includes but is not limited to grading, resurfacing, pavement marking, median, curbs & gutters, sidewalks, landscaping & erosion control, and traffic lighting & signs.

Bid specifications were posted on the web page of the Purchasing Division, the Georgia Procurement Registry and DemandStar on July 19, 2022. Three bids were received on August 31, 2022. This bid has been advertised, opened and reviewed. The bidders were:

<b>Contractors</b>	<b>Total Unit Price Bid</b>	<b>DBE Participation</b>
<b>Robinson Paving Company (Columbus, GA)</b>	<b>\$ 916,261.95</b>	<b>9%</b>
Southeastern Site Development, Inc. (Newnan, GA)	1,184,889.66	3%
C. W. Matthews Contracting Col, Inc. (Marietta, GA)	1,228,362.40	10%

Funds are available from T-SLPOST discretionary from other completed projects: T-SPLOST Projects – Capital Projects – T-SPLOST – General Construction – Psalmound Road Signal; 0510-660-7000-TSPL-7661-65004-20200.

**A RESOLUTION****NO. \_\_\_\_\_****A RESOLUTION AUTHORIZING THE EXECUTION OF A CONSTRUCTION CONTRACT WITH ROBINSON PAVING COMPANY (COLUMBUS, GA) IN THE AMOUNT OF \$916,261.95 FOR INTERSECTION IMPROVEMENTS AT US 80/SR 22/BEAVER RUN AT PSALMOND ROAD.**

**WHEREAS**, the work includes but is not limited to grading, resurfacing, pavement marking, median, curbs & gutters, sidewalks, landscaping & erosion control, and traffic lighting & signs.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to execute a construction contract with Robinson Paving Company (Columbus, GA) in the amount of \$916,261.95 for intersection improvements at US 80/SR 22/Beaver Run at Psalmomd Road. Funds are available from T-SLPOST discretionary from other completed projects: T-SPLOST Projects – Capital Projects – T-SPLOST – General Construction – Psalmomd Road Signal; 0510-660-7000-TSPL-7661-65004-20200.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

B. Customized Fleet Supply Chain And Parts Inventory Management Aka Integrated Business Solutions (Annual Contract)

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Customized Fleet Supply Chain and Parts Inventory Management AKA Integrated Business Solutions (Annual Contract) – Georgia Statewide Contract Cooperative Purchase
<b>INITIATED BY:</b>	Finance Department

It is requested that Council approve the annual contract for Customized Fleet Supply Chain & Parts Inventory Management aka Integrated Business Solutions from Genuine Parts Company, Inc., d/b/a NAPA Auto Parts (Atlanta, GA), to provide vehicle and equipment maintenance parts and supplies services, by Cooperative Purchase, via Georgia Statewide Contract No. SWC 99999-SPD-SWL20201105. Based on usage history, the estimated annual amount for this contract is \$2,408,470.61.

This agreement will enable the City to establish a source of supply for certain automobile, truck, small engine, heavy equipment and bus parts, as well as, provide integrated business solution services. The vendor will establish inventories, at the City's Fleet Shop and other locations, as needed, to service the Fleet's parts needs, and to serve as the City's primary supplier of automotive, small engine and heavy equipment replacement parts and other supplies and/or equipment.

The vendor will provide personnel, management, parts and supplies and services, including sublet for repairs. The on-site parts operations will cover all hours worked by the City facility(ies), including overtime due to peak demand and emergency operations.

The City will pay discounted prices for parts and supplies profiled for Columbus Consolidated Government, based on usage history. The vendor's operational costs have been factored in the pricing profile for products sold under this agreement.

NAPA has previously been the City's on-site supplier of vehicle and equipment repair parts and supplies, per RFP No. 07-0014; and has continued to supply the City through the Georgia Statewide Contract. The benefits/savings are as follows:

1. NAPA's selection under the Georgia State Contract has eliminated the cost of administering an RFP process.
2. NAPA provides an onsite parts store and has capped their profit margin at 7.5%.
3. Single supplier for automobile, truck, bus and other equipment parts with real-time parts availability.

The Contract term will align with the State's contract term, which was initiated on July 1, 2022, and will remain in effect **for one (1) year, and any additional extensions or renewals**. However, in the event the State does not renew or cancels the contract, the City will need time to put other forces in place. Therefore, the City will have the option to renew the contract with NAPA until a new RFP can be issued, or a new



cooperative contract is initiated by the State or other sources. The City also has reserved the right to terminate the agreement with NAPA by giving a ninety (90) day written notice.

Item #B.

Funds are budgeted each fiscal year for this ongoing expense: Various Accounts - Auto Parts & Supplies - 6721.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE ANNUAL CONTRACT FOR CUSTOMIZED FLEET SUPPLY CHAIN AND PARTS INVENTORY MANAGEMENT AKA INTEGRATED BUSINESS SOLUTIONS, FROM GENUINE AUTO PARTS COMPANY, INC., D/B/A NAPA AUTO PARTS (ATLANTA, GA), TO PROVIDE VEHICLE AND EQUIPMENT MAINTENANCE PARTS AND SUPPLIES SERVICES, BY COOPERATIVE PURCHASE VIA GEORGIA STATEWIDE CONTRACT NO. SWC 99999-SPD-SWL20201105. BASED ON USAGE HISTORY, THE ESTIMATED ANNUAL AMOUNT FOR THIS CONTRACT IS \$2,408,470.61.**

**WHEREAS**, this agreement will enable the City to establish a source of supply for certain automobile, truck, small engine, heavy equipment and bus parts, as well as provide integrated business solution services. The vendors will establish inventories, at the City's Fleet Shop and other locations, as needed, to service the Fleet's parts needs, and to serve as the City's primary suppliers of automotive, small engine and heavy equipment replacement parts and other supplies and/or equipment; and,

**WHEREAS**, the vendor will provide personnel, management, parts and supplies and services, including sublet for repairs. The on-site parts operations will cover all hours worked by the City facility(ies), including overtime due to peak demand and emergency operations; and,

**WHEREAS**, the Contract term will align with the State's contract term, which began July 1, 2022, and will remain in effect for one (1) year, and any additional extensions or renewals. However, in the event the State does not renew or cancels the contract, the City will need time to put other forces in place. Therefore, the City will have the option to renew the contract with NAPA until a new RFP can be issued, or a new cooperative contract is initiated by the State or other sources. The City also has reserved the right to cancel the agreement with NAPA by giving a ninety (90) day written notice.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to enter into an annual contract for Customized Fleet Supply Chain & Parts Inventory Management aka Integrated Business Solutions from Genuine Parts Company, Inc., d/b/a NAPA Auto Parts (Atlanta, GA), to provide vehicle and equipment maintenance parts and supplies services, by cooperative purchase via Georgia Statewide Contract No. SWC 99999-SPD-SWL20201105. Based on usage history, the estimated annual amount for this contract is \$2,408,470.61. Funds are budgeted each fiscal year for this ongoing expense: Various Accounts – Auto Parts & Supplies – 6721.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.

Councilor House voting \_\_\_\_\_.  
Councilor Huff voting \_\_\_\_\_.  
Councilor Thomas voting \_\_\_\_\_.  
Councilor Tucker voting \_\_\_\_\_.  
Councilor Woodson voting \_\_\_\_\_.

*Item #B.*

---

Sandra T. Davis, Clerk of Council

---

B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

C. Pharmaceutical Supply Services ( Annual Contact)- RFB NO. 23-0013

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Pharmaceutical Supply Services (Annual Contract) RFB No. 23-0013
<b>INITIATED BY:</b>	Finance Department

It is requested that Council approve the purchase of pharmaceutical supply services from Bound Tree Medical, LLC (Dublin, OH) for the estimated annual contract value of \$19,392.23.

The pharmaceutical supplies will be purchased by the Columbus Fire & EMS Department on an “as needed” basis and will include various medications, controlled substances and various IV fluids. These supplies will be used on the ambulances.

The term of contract shall be for two years, with the option to renew for three (3) additional twelve-month periods. Contract renewal will be contingent upon the mutual agreement of the City and the Contractor.

Bid specifications were posted on DemandStar, the City’s website and Georgia Procurement Registry on August 11, 2022. Bid responses were received on September 14, 2022. This bid has been advertised, opened and reviewed. There were three “No Bid” statements. The two bidders were:

	<b>BIDDERS</b>		<b>Bound Tree Medical, LLC (Dublin, OH)</b>		<b>*Lambert Financial dba Medicco Plus (Birmingham, AL)</b>	
	<b>DRUG</b>	<b>Estimated Yearly Usage</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>
1	ACETAMINOPHEN SUPPOSITORY	11	\$0.87	\$9.57	\$0.00	\$0.00
2	ADENOSINE	34	\$2.49	\$84.66	\$143.5439	\$4,880.4926
3	ALBUTEROL SULFATE	395	\$0.12	\$48.98	\$9.4468	\$3,731.486
4	AMIODARONE	23	\$1.94	\$44.62	\$145.4875	\$3,346.2125
5	ASPIRIN	856	\$0.02	\$17.12	\$1.1187	\$957.6072
6	ATROPINE	19	\$8.999	\$170.98	\$22.6565	\$430.4735
7	CLONIDINE	25	\$3.35	\$83.75	\$11.30	\$282.50
8	Dextrose 10%	57	\$4.55	\$259.35	\$0.00	\$0.00
9	DEXTROSE 50%	90	\$13.494	\$1,214.46	\$222.7795	\$20,050.155
10	DIAZEPAM	18	\$33.997	\$611.95	\$0.00	\$0.00
11	DIPHENHYDRAMINE	28	\$1.14	\$31.92	\$28.1822	\$789.1016
12	DOPAMINE	2	\$22.4975	\$45.00	\$0.00	\$0.00



	<b>BIDDERS</b>		<b>Bound Tree Medical, LLC (Dublin, OH)</b>		<b>*Lambert Financial dba Medicco P (Birmingham, AL)</b>		<b>Item #C.</b>
	<b>DRUG</b>	<b>Estimated Yearly Usage</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>	
13	EPINEPHRINE	26	\$13.499	\$350.97	\$128.6392	\$3,344.6192	
14	EPINEPHRINE	181	\$7.597	\$1,375.06	\$134.8768	\$24,412.7008	
15	EPINEPHRINE	1	\$186.98	\$186.98	\$0.00	\$0.00	
16	FUROSEMIDE	20	\$15.998	\$319.96	\$0.00	\$0.00	
17	GLUCAGON	19	\$164.93	\$3,133.67	\$301.2467	\$5,723.6873	
18	HALOPERIDOL	14	\$1.20	\$16.80	\$82.8855	\$1,160.397	
19	LABETALOL	36	\$9.499	\$341.96	\$0.00	\$0.00	
20	LIDOCAINE	4	\$5.499	\$22.00	\$0.00	\$0.00	
21	LIDOCAINE	2	\$8.333	\$16.67	\$0.00	\$0.00	
22	METHYLPREDNISOLONE (SOLU-MEDROL)	65	\$9.7992	\$636.95	\$298.207	\$19,383.455	
23	METHYLPREDNISOLONE (SOLU-MEDROL)	4	\$7.692	\$30.77	\$185.1731	\$740.6924	
24	MIDAZOLAM (VERSED)	66	\$1.29	\$85.14	\$26.4194	\$1,743.6804	
25	MORPHINE SULFATE	195	\$2.744	\$535.08	\$37.742	\$7,359.69	
26	NALOXONE	154	\$17.593	\$2,709.32	\$0.00	\$0.00	
27	NITROGLYCERIN	20	\$0.47	\$9.40	\$65.7208	\$1,314.416	
28	NITROGLYCERIN OINTMENT	18	\$45.00	\$810.00	\$187.3766	\$3,372.7788	
29	SODIUM BICARBONATE	57	\$16.448	\$937.54	\$0.00	\$0.00	
30	ZOFRAN	111	\$0.33	\$36.63	\$0.00	\$0.00	
31	KETAMINE	50	\$9.549	\$477.45	\$258.431	\$12,921.55	
32	FENTANYL	50	\$1.80	\$90.00	\$40.5783	\$2,028.915	
33	TRANEXEMIC ACID (TXA)	30	\$4.40	\$132.00	\$0.00	\$0.00	
34	DEXTROSE 5% BAG 500 ML	100	\$3.97	\$397.00	\$111.4067	\$11,140.67	
35	DEXTROSE 5% BAG 250 ML	100	\$3.70	\$370.00	\$102.5362	\$10,253.62	
36	SODIUM CHLORIDE 0.9%	100	\$3.05	\$305.00	\$217.3329	\$159,305.0157	
37	SODIUM CHLORIDE 0.9%	733	\$2.98	\$2,184.34	\$2.9041	\$290.4100	
38	SODIUM CHLORIDE POSI FLUSH	14 cases	\$64.80	\$907.20	\$36.8945	\$516.523	
39	SALINE	100	\$3.52	\$352.00	\$38.7364	\$3,873.64	
<b>Percentage Discount for Non-Listed Items</b>				<b>28%</b>		<b>25%</b>	

	<b>BIDDERS</b>		<b>Bound Tree Medical, LLC (Dublin, OH)</b>		<b>*Lambert Financial dba Medicco P (Birmingham, AL)</b>		<i>Item #C.</i>
	<b>DRUG</b>	<b>Estimated Yearly Usage</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>	<b>Unit Cost EACH</b>	<b>Extended Cost</b>	
<b>TOTAL ESTIMATED CONTRACT VALUE</b>				<b>\$19,392.23</b>		<b>\$303,354.49</b>	

**\*Vendor did not bid all line items.**

Funds are budgeted each fiscal year for this on-going expense: General Fund – Fire & EMS – Logistics Support – Pharmacy Services, 0101-410-3610-LOGI-6323.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF PHARMACEUTICAL SUPPLY SERVICES FROM BOUND TREE MEDICAL, LLC (DUBLIN, OH) FOR THE ESTIMATED ANNUAL CONTRACT VALUE OF \$19,392.23.**

**WHEREAS**, the pharmaceutical supplies will be purchased by the Columbus Fire & EMS Department on an “as needed” basis; and,

**WHEREAS**, the supplies will include various medications, controlled substances and various IV fluids. These supplies will be used on the ambulances; and,

**WHEREAS**, the term of contract shall be for two years, with the option to renew for three additional twelve-month periods. Contract renewal will be contingent upon the mutual agreement of the City and the Contractor.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized the purchase of pharmaceutical supply services from Bound Tree Medical, LLC (Dublin, OH) for the estimated annual contract value of \$19,392.23. Funds are budgeted each fiscal year for this ongoing expense: General Fund – Fire & EMS – Logistics Support – Pharmacy Services, 0101-410-3610-LOGI-6323.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____
Councilor Barnes voting	_____
Councilor Crabb voting	_____
Councilor Davis voting	_____
Councilor Garrett voting	_____
Councilor House voting	_____
Councilor Huff voting	_____
Councilor Thomas voting	_____
Councilor Tucker voting	_____
Councilor Woodson voting	_____

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. “Skip” Henderson III, Mayor

**File Attachments for Item:**

D. Resolution Rescindment for Roofing Services at Gallops Senior Center/Linwood Tillis Park – RFB No. 22-0017

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Resolution Rescindment for Roofing Services at Gallops Senior Center/Linwood Tillis Park – RFB No. 22-0017
<b>INITIATED BY:</b>	Finance Department

---

It is requested that Council rescind Resolution No. 013-22, dated January 11, 2022, which authorized the execution of a contract with JB's Roofing and Construction (Douglasville, GA) for roofing services at Gallops Senior Center/Linwood Tillis Park.

On January 13, 2022, the Purchasing Division emailed an award notification letter to JB's Roofing and Construction. The letter included a list of necessary contract documents, including performance and payment bonds. In accordance with the project manual, JB's Roofing and Construction was also required to provide pre-construction submittals to the City's contracted roofing consultant.

Despite representatives from all parties meeting about the pre-construction submittals as well as several requests from the Purchasing Division, JB's Roofing and Construction did not provide the performance and payment bonds nor the pre-construction submittals. Consequently, the Public Works Department requested the Purchasing Division to terminate the contract and to re-bid the project. Notifications of these findings were forwarded to JB's Roofing and Construction via email and certified mail on September 7, 2022.



**A RESOLUTION****NO. \_\_\_\_\_****A RESOLUTION AUTHORIZING THE RESCINDMENT OF RESOLUTION NO. 013-22, DATED JANUARY 11, 2022, WHICH AUTHORIZED THE EXECUTION OF A CONTRACT WITH JB'S ROOFING AND CONSTRUCTION (DOUGLASVILLE, GA) FOR ROOFING SERVICES AT GALLOPS SENIOR CENTER/LINWOOD TILLIS PARK.**

**WHEREAS,** On January 13, 2022, the Purchasing Division emailed an award notification letter to JB's Roofing and Construction. The letter included a list of necessary contract documents, including performance and payment bonds. In accordance with the project manual, JB's Roofing and Construction was also required to provide pre-construction submittals to the City's contracted roofing consultant; and,

**WHEREAS,** despite representatives from all parties meeting about the pre-construction submittals as well as several requests from the Purchasing Division, JB's Roofing and Construction did not provide the performance and payment bonds nor the pre-construction submittals. Consequently, the Public Works Department requested the Purchasing Division to terminate the contract and to re-bid the project. Notifications of these findings were forwarded to JB's Roofing and Construction via email and certified mail on September 7, 2022.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That Resolution No. 013-22, dated January 11, 2022, which authorized the execution of a contract with JB's Roofing and Construction (Douglasville, GA) for roofing services at Gallops Senior Center/Linwood Tillis Park, is hereby rescinded.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

---

Sandra T. Davis, Clerk of Council

---

B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

E. Fleet Maintenance/Fire Apparatus Services and Repairs (Annual Contract) – RFP No. 22-0019

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Fleet Maintenance/Fire Apparatus Services and Repairs (Annual Contract) – RFP No. 22-0019
<b>INITIATED BY:</b>	Finance Department

It is requested that Council approve the annual contract for Fleet Maintenance/Fire Apparatus Services and Repairs with FireLine, Inc. (Winder, GA), Primary Contractor, and Ten-8 Fire & Safety, LLC (Bradenton, FL), Secondary Contractor. The contract requires Contractor(s) to provide maintenance, repair, and inspection services for all Fire Trucks, Ambulances, and other Emergency Apparatus. Fire and EMS has budgeted \$246,102.00 in FY23 for fire apparatus services/repairs.

Contractors will be required to:

- Provide a minimum of two certified Emergency Vehicle Technician/mechanics to work on Fire Department vehicles daily (five days per week).
- Provide all certified staff, labor and equipment necessary to perform maintenance, repair services and inspections for fire apparatus at the designated Columbus location. In the event a service or repair cannot be performed at the designated Columbus location, Columbus reserves the right to deliver equipment to the awarded vendor or designated location or request that awarded vendor arrange for transportation of equipment and include costs on the invoice.
- Provide maintenance/repair services: Repair/maintain/inspect air brakes or braking system, including compressors; PTO systems; inspect all trucks electrical components, including lighting; inspect all trucks A/C components; inspect all trucks hydraulics/DEF units; inspect specialty vehicles for pumps, hydraulics, electrical, etc.; required PM scheduling and completion performance; unscheduled repair performance; road call performance 24 hours a day/7 days per week; emergency services must be available within 60 minutes after hours and on weekends and holidays; and provide a maintenance report to Columbus for each truck serviced and or repaired.
- Conduct a thorough diagnostic evaluation of each requested vehicle and provide those results to the Truck/Car Shop Supervisor or Fleet Manager. Along with these diagnostics an itemized list of parts and costs to repair shall be submitted to the Truck/Car Shop Supervisor or Fleet Manager for approval and to obtain the parts. All repairs shall be pre-approved by either the Truck/Car Shop Supervisor or the Fleet Manager and upon completion of said repairs approved by the same.

- Perform yearly maintenance, inspection and test vehicles on an annual basis in accordance with Federal and State laws and National Fire Protection Association (NFPA) standards. Perform other statutory inspections and tests that may be required by Federal and State laws.
- Perform a PM on every vehicle in the Fire/EMS fleet and correct or identify any deficient vehicles within six (6) months of contract commencement. Deficient vehicles are those identified as not meeting the fleet standard. Major component failures identified during this initial six (6) month period shall be documented and reviewed with the Truck Shop Supervisor and the Fleet Manager.
- Perform semi and annual required inspections on all fire emergency vehicles and ambulances.

The initial term of the contract shall be for two (2) years, with the option to renew for three (3) additional twelve-month periods. Contract renewal is contingent upon the mutual agreement of the City and the Contractor(s).

#### **Annual Contract History:**

This is a new contract.

#### **RFP Advertisement and Receipt of Proposals:**

RFP specifications were posted on the web pages of the Purchasing Division, DemandStar and Georgia Procurement Registry on January 10, 2022. This RFP has been advertised, opened, and evaluated. Three (3) proposals were received on February 18, 2022.

**FireLine, Inc. (Winder, GA)**  
**Ten-8 Fire & Safety, LLC (Bradenton, FL)**  
 Associated Fuel Systems, Inc. (Conley, GA) \*

*\* Associated Fuel Systems, Inc. withdrew their proposal.*

The following events took place after receipt of the proposals:

<b>RFP MEETINGS/EVENTS</b>		
<b>Description</b>	<b>Date</b>	<b>Agenda/Action</b>
Pre-Evaluation	04/18/2022	<p>The Purchasing Manager advised evaluation committee members of the RFP rules and regulations. Project Manager provided overview and expectations of the contracted vendor(s).</p> <p>Proposals were disbursed to each committee member for review.</p>



1 <sup>st</sup> Evaluation	05/11/2022	Committee discussed each of the three (3) proposals received. Clarifications were needed from all vendors, and the Committee determined two additional stipulations needed to be added to contract requirements.
Clarification Request	06/21/22	Request for clarification and notification of additional stipulations were forwarded to the vendors.
Vendor Responses Received	06/27/22	The vendors submitted the requested clarification information and their responses for agreement to additional stipulations. These were forwarded to the Committee.  The Committee indicated they wanted to meet to discuss responses.
2 <sup>nd</sup> Evaluation	07/19/22	The Committee determined dates/times for vendors to view dedicated work site and dates/times to perform vendor interviews.
Letters for Site Visit/ Interview	07/20/22	Letters were forwarded to vendors providing dates and times for dedicated work site visitation, as well as an invitation for a virtual interview.
Vendor Responses Received	07/22/22	Responses were received from vendors. Associated Fuel Systems withdrew their proposal. Ten-8 Fire & Safety accepted the interview invitation. FireLine requested and accepted a different date for interview due to a conflict.
Ten-8 Fire & Safety Interview	07/29/22	Virtual interview was conducted with representatives for 10-8 Fire & Safety.
FireLine Interview	08/16/22	Virtual interview was conducted with representatives for FireLine.  The Committee indicated they were ready to begin evaluations.
Evaluation Forms Sent	08/16/22	Evaluation forms were forwarded to voting committee members.
Evaluation Forms Received	08/31/22	The last set of evaluation forms were returned to the Purchasing Division.
Evaluation Results	09/06/22	The evaluation results were forwarded to the Committee. The Committee was asked to confirm if they wished to meet and discuss the evaluations or if they were ready to recommend Primary and Secondary Contractors. They were instructed to

		complete the Final Ballot with their recommendation for Primary and Secondary Contractors if that was their choice. The Committee indicated they were ready to vote.
Award Recommendation	09/14/22	The evaluation committee unanimously recommended award to FireLine, Inc. (Primary) and Ten-8 Fire & Safety, LLC (Secondary).

### **Evaluation Committee:**

The proposals were reviewed by the Evaluation Committee, which consisted of one (1) representative from Columbus Fire & EMS, and two (2) representatives from Public Works, who served as voting members.

One (1) representative from Columbus Fire & EMS and one (1) representative from Public Works served as alternate voters.

One (1) representative from Columbus Fire & EMS and one (1) representative from Public Works served as non-voting advisory members.

### **Award Recommendation:**

Based on the final evaluation results, the Committee recommends award by a unanimous vote to FireLine, Inc. (Winder, GA), Primary Contractor, and Ten-8 Fire & Safety (Bradenton, FL), Secondary Contractor.

### **FireLine, Inc. (Primary Contractor)**

### **Vendor Qualifications/Experience:**

- FireLine, Inc. was established in 1994 and has two facilities in the state of Georgia.
- FireLine, Inc. facilities are full-time parts and service centers staffed with one (1) full-time service manager and four (4) full-time factory-trained technicians for servicing and maintaining fire apparatus.
- FireLine, Inc. technicians are each equipped with a service truck and requisite hand and power tools, maintain multiple EVT certifications, and are E-ONE factory-trained and factory-authorized technicians. They are trained quarterly on safety processes and guidelines.
- FireLine, Inc. is a Hale Fast factory authorized service center, Waterous gold level service center and Darley factory authorized pump service center.
- Listed below are three (3) clients for whom the firm has provided the same or similar services:
  - ✧ Barrow County Emergency Services (Winder, GA) – All fire apparatus pump and electrical repairs, including annual pump service and aerial testing; Hourly (2006-Ongoing).

- ✧ Oconee County Fire (Watkinsville, GA) – Service and repair fleet of fire apparatus; Hourly (2020-Ongoing).
- ✧ City of Georgetown (Georgetown, SC) – Service and repair fleet of fire apparatus; Hourly (2009-Ongoing).

### **Ten-8 Fire & Safety, LLC (Secondary Contractor)**

#### **Vendor Qualifications/Experience:**

- Ten-8 Fire & Safety, LLC was formed in 2021 by the merger of Ten-8 Fire Equipment and Ten-8 Fire & Safety Equipment of Georgia. The original company was founded 36 years ago, and the original owners maintain ownership in the merged company.
- Ten-8 Fire & Safety, LLC have eight (8) full-service shops in Florida and Georgia with three (3) offering full body shop repair facilities.
- Ten-8 Fire & Safety, LLC facilities are staffed by ASE/EVT certified mechanics and maintain a fleet of sixteen (16) mobile service trucks.
- Listed below are three (3) clients for whom the firm has provided the same or similar services:
  - ✧ Hall County Fire Rescue (Gainesville, GA) – Full maintenance/service contract for fire rescue fleet 115 plus apparatus and staff vehicles; 200 PA Scheduled Maintenance and Parts (8/2019-5/2022).
  - ✧ Clayton County (Riverdale, GA) – Full maintenance/service contract for fire rescue fleet 41 apparatus; 195 PA Scheduled plus Parts (1/4/2022-1/4/2024).
  - ✧ Cedar Hammock Fire Rescue (Bradenton, FL) – Perform PM for department at Bradenton location; Variable (1995-Ongoing).

The City's Procurement Ordinance Article 3-110, Competitive Sealed Proposals for the procurement of Equipment, Supplies and Professional Services, governs the RFP Process. During the RFP process, there is no formal opening due to the possibility of negotiated components of the proposal. In the event City Council does not approve the recommended offeror, no proposal responses or any negotiated components are made public until after the award of the contract. Therefore, the evaluation results have been submitted to the City Manager in a separate memo for informational purposes.

Funds will be available each fiscal year for this ongoing service: General Fund - Fire & EMS – Fire/EMS Operations – Auto Parts & Supplies; 0101-410-2100-FOPR-6721.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE EXECUTION OF AN ANNUAL CONTRACT FOR FLEET MAINTENANCE/FIRE APPARATUS SERVICES AND REPAIRS WITH FIRELINE, INC. (WINDER, GA) AS THE PRIMARY CONTRACTOR, AND WITH TEN-8 FIRE & SAFETY, LLC (BRADENTON, FL) AS THE SECONDARY CONTRACTOR.**

**WHEREAS**, an RFP was administered (RFP 22-0019) and proposals were received from three (3) offerors; and,

**WHEREAS**, the proposals submitted by FireLine, Inc. and Ten-8 Fire & Safety, LLC met all proposal requirements and were evaluated responsive to the RFP; and,

**WHEREAS**, the term of contract shall be for two years, with an option to renew for three additional twelve-month periods. Contract renewal is contingent upon the mutual agreement of the City and the Contractor.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to execute an annual contract with FireLine, Inc. (Winder, GA) as Primary Contractor, and with Ten-8 Fire & Safety (Conley, GA) as Secondary Vendor to provide Fleet Maintenance/Fire Apparatus Services and Repairs. Funds will be budgeted each fiscal year for this ongoing expense: General Fund - Fire & EMS – General Fund - Fire & EMS – Fire/EMS Operations – Auto Parts & Supplies; 0101-410-2100-FOPR-6721.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

Sandra T. Davis, Clerk of Council

B.H. “Skip” Henderson III, Mayor



**File Attachments for Item:**

F. Fifteen (15) Stryker Lifepak 1000 Automatic External Defibrillators and Accessories for Fire & EMS

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Fifteen (15) Stryker Lifepak 1000 Automatic External Defibrillators and Accessories for Fire & EMS
<b>INITIATED BY:</b>	Finance Department

---

It is requested that Council approve the purchase of fifteen (15) Stryker Lifepak 1000 Automatic External Defibrillators and accessories from Stryker Medical (Chicago, IL) in the amount of \$35,427.30.

The Columbus Fire & EMS Department has standardized to using Stryker (formerly Physio Control) cardiac monitors and automatic external defibrillators on all apparatus. Stryker/Physio Control is the manufacturer of the Lifepak 1000. Consequently, to maintain compatibility with the remaining units that are in-service and to receive appropriate trade-in credit for older units, the vendor is considered the only known source for this purchase per the Procurement Ordinance, Article 3-114.

Funds are budgeted in the FY23 Budget: LOST/Public Safety - Fire & EMS – LOST – Other Equipment; 0102-410-9900-LOST-7762

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF FIFTEEN (15) STRYKER LIFEPAK 1000 AUTOMATIC EXTERNAL DEFIBRILLATORS AND ACCESSORIES FROM STRYKER MEDICAL (CHICAGO, IL) IN THE AMOUNT OF \$35,427.30.**

**WHEREAS**, the Columbus Fire & EMS Department has standardized to using Stryker (formerly Physio Control) cardiac monitors and automatic external defibrillators on all apparatus; and,

**WHEREAS**, Stryker/Physio Control is the manufacturer of the Lifepak 1000. Consequently, to maintain compatibility with the remaining units that are in-service and to receive appropriate trade-in credit for older units, the vendor is considered the only known source for this purchase per the Procurement Ordinance, Article 3-114.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to purchase fifteen (15) Stryker Lifepak 1000 Automatic External Defibrillators and accessories from Stryker Medical (Chicago, IL) in the amount of \$35,427.30. Funds are budgeted in the FY23 Budget: LOST/Public Safety - Fire & EMS – LOST – Other Equipment; 0102-410-9900-LOST-7762.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

G. Maintenance Service Agreement for Lifepack 15 Cardiac Monitors for Fire &EMS

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Maintenance Service Agreement for Lifepak 15 Cardiac Monitors for Fire & EMS
<b>INITIATED BY:</b>	Finance Department

---

It is requested that Council approve the agreement from Stryker Medical (Chicago, IL) in the amount of \$25,702.47 to provide maintenance services for Lifepak 15 Cardiac Monitors. The agreement will cover the period from July 1, 2022 – June 30, 2023. Approval is also requested for future maintenance agreements for the Lifepak 15 Cardiac monitors which will be budgeted per fiscal year.

An updated agreement is needed with Stryker for the maintenance and service of nineteen (19) LifePak 15 Cardiac Monitors utilized by Fire & EMS. Because of the lifesaving nature of this equipment, it is imperative that only a licensed service vendor provide the maintenance in order to retain the warranty on the equipment. Stryker will not honor the equipment warranty for aftermarket parts or service provided by an outside vendor. Stryker is the manufacturer of the equipment and is therefore, considered the only known source for this purchase per the Procurement Ordinance, Article 3-114

Funds are budgeted in the FY23 Budget: General Fund - Fire & EMS – Logistics/Support – Miscellaneous Equipment Maintenance; 0101 – 410 – 3610 – LOGI – 6519. Funding will be budgeted in the appropriate fiscal year for future maintenance agreements.



**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE AGREEMENT FROM STRYKER MEDICAL (CHICAGO, IL) IN THE AMOUNT OF \$25,702.47 TO PROVIDE MAINTENANCE SERVICES FOR LIFEPAK 15 CARDIAC MONITORS. THE AGREEMENT WILL COVER THE PERIOD FROM JULY 1, 2022 – JUNE 30, 2023. THIS RESOLUTION ALSO AUTHORIZES FUTURE MAINTENANCE AGREEMENTS FOR THE LIFEPAK 15 CARDIAC MONITORS WHICH WILL BE BUDGETED PER FISCAL YEAR.**

**WHEREAS**, an updated agreement is needed with Stryker for the maintenance and service of nineteen (19) LifePak 15 Cardiac Monitors utilized by Fire & EMS; and,

**WHEREAS**, because of the lifesaving nature of this equipment, it is imperative that only a licensed service vendor provide the maintenance in order to retain the warranty on the equipment. Stryker will not honor the equipment warranty for aftermarket parts or service provided by an outside vendor. Stryker is the manufacturer of the equipment and is therefore, considered the only known source for this purchase per the Procurement Ordinance, Article 3-114

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to enter into an agreement from Stryker Medical (Chicago, IL) in the amount of \$25,702.47 to provide maintenance services for Lifepak 15 Cardiac Monitors. The agreement will cover the period from July 1, 2022 – June 30, 2023. The City Manager is further authorized to enter into future maintenance agreements for the Lifepak 15 Cardiac monitors which will be budgeted per fiscal year. Funds are budgeted in the FY23 Budget: General Fund - Fire & EMS – Logistics/Support – Miscellaneous Equipment Maintenance; 0101 – 410 – 3610 – LOGI – 6519. Funding will be budgeted in the appropriate fiscal year for future maintenance agreements.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

H. Surplus Equipment

H1. CPD Motor Transport 2022 Surplus

H2. Fire and EMS Surplus Action Items 2022

H3. METRA 2022 Surplus Auction Sheet

H4. Sheriff- Jail 2022 Surplus

H5. Traffic Engineering Surplus Auction List 2022

H6. Fleet Salvage Yard -2022 Surplus

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Surplus Equipment
<b>INITIATED BY:</b>	Finance Department

It is requested that Council declare as surplus, the equipment shown on the attached lists, as well as, miscellaneous office equipment and furniture, in accordance with Section 7-501 of the Charter of Columbus Consolidated Government; additionally, approval is also requested to declare any items as surplus, which may be added to the list prior to the auction. The equipment has either been replaced or placed out of service due to excess maintenance cost.



CPD Motor



FIRE AND EMS -



METRA - Metra 2022



Sheriff-Jail 2022  
Surplus.xlsx



TRAFFIC



FLEET SALVAGE

Transport 2022 SurplSurplus Auction ItemsSurplus Auction Sheet ENGINEERING - SURFYARD - 2022 SURPLI

The surplus items will be disposed of by live auction on Saturday, October 8, 2022, held on the grounds of the Civic Center, where masks will be required, and social distancing exercised. The auction will be conducted by the City's contracted Auctioneer, Evans Auctioneers, Inc. Additionally, some items may be sold online through GovDeals or formal bid, whichever method is most appropriate for the asset.

Revenue from the auction will be deposited into Various Funds - Sale of Surplus Equipment Account 4907.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE DECLARATION AS SURPLUS THE EQUIPMENT SHOWN ON THE ATTACHED LISTS, AS WELL AS, MISCELLANEOUS OFFICE EQUIPMENT AND FURNITURE, AS SURPLUS, IN ACCORDANCE WITH SECTION 7-501 OF THE CHARTER OF COLUMBUS CONSOLIDATED GOVERNMENT; ADDITIONALLY, APPROVAL IS ALSO REQUESTED TO DECLARE ANY ITEMS AS SURPLUS, WHICH MAY BE ADDED TO THE LIST PRIOR TO THE AUCTION. THE EQUIPMENT HAS EITHER BEEN REPLACED OR PLACED OUT OF SERVICE DUE TO EXCESS MAINTENANCE COST.**

**WHEREAS**, the list of surplus items are as follows:



CPD Motor



FIRE AND EMS -



METRA - Metra 2022



Sheriff-Jail 2022



TRAFFIC



FLEET SALVAGE

Transport 2022 SurplSurplus Auction ItemsSurplus Auction Sheet

Surplus.xlsx

ENGINEERING - SURFYARD - 2022 SURPLI

**WHEREAS**, the surplus items will be disposed of by live auction on Saturday, October 8, 2022, held on the grounds of the Civic Center, where masks will be required, and social distancing exercised. The auction will be conducted by the City's contracted Auctioneer, Evans Auctioneers, Inc. Additionally, some items may be sold online through GovDeals or formal bid, whichever method is most appropriate for the asset.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to declare as surplus the equipment shown on the attached lists, as well as, miscellaneous office equipment and furniture, as surplus, in accordance with Section 7-501 of the Charter of Columbus Consolidated Government; additionally, approval is also requested to declare any items as surplus, which may be added to the list prior to the auction. The equipment has either been replaced or placed out of service due to excess maintenance cost. Revenue from the auction will be deposited into Various Funds - Sale of Surplus Equipment Account 4907.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting \_\_\_\_\_.

Councilor Barnes voting \_\_\_\_\_.

Councilor Crabb voting \_\_\_\_\_.

Councilor Davis voting \_\_\_\_\_.

Councilor Garrett voting \_\_\_\_\_.

Councilor House voting \_\_\_\_\_.

Councilor Huff voting \_\_\_\_\_.

Councilor Thomas voting \_\_\_\_\_.

Councilor Tucker voting  
Councilor Woodson voting

\_\_\_\_\_.  
\_\_\_\_\_.

*Item #H.*

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor



Surplus CPD Motor Transport 2022 Surplus

Jotto desk Computer stands  
Motorola MDT CPU's and brackets  
Motorola MDT Keyboards  
Motorola MDT Monitors  
Motorola HPD Modems and brackets  
Motorola ML910 Laptop  
MPH Python 2 & 3 radars, parts and brackets  
Trimble APU GPSs with Antenna and wiring  
Whelen Switch boxes  
Federal PA 300 PA/Siren boxes  
Eagleye in car camera parts  
Road Triangles

## Columbus Fire and EMS Surplus Auction Donation 8-31-2022

### Items on Capital Assest List

Item	Shop #	FA Number
1996 Ford Cargo Van	9613	EM50020
1990 Pace Trailer	2312	EM50008
Biphasic Lifepak 12	34220114	LOGI0000023
Biphasic Lifepak 12	34220115	LOGI0000024
Biphasic Lifepak 12	34220117	LOGI0000025
Biphasic Lifepak 12	34220614	LOGI0000026
Biphasic Lifepak 12	34220615	LOGI0000027
Biphasic Lifepak 12	34220617	LOGI0000028

### Miscellaneous Items :

Year	Make	Model	Shop #	VIN #
2004	Homesteader Trailer	PACE(CS820TA2)	3176	4FPAB20234G078727

Item	Qty
Positive Pressure Ventilation Fans	8
Portable Gas Generators	5
Evolution 3000 Thermal Imagers and Case	9
Push Lawn Mower	1
Pump Spray Rig	1
Expired MSA SCBA Bottles	25
Grainer Port a Cool Fan	1
Miscellaneous Paper Towel Dispensers	Approx 20

## Auction 2022- BUSES

Description(make & model)	Year	Quantity	Veh./Equip. #	VIN #
30FT. LOW FLOOR TRO Bus - Tran Trolle	2010	1	93	15GGE2718A1092134
GILLIG BUS, 35 FT. Bus - Tran	2008	1	1211	15GGB271981076351
GILLIG BUS, 35 FT. Bus- Tran	2009	1	1213	15GGB271391176429
GILLIG BUS, 35 FT. Bus- Tran	2009	1	1214	15GGB271X91176430
GILLIG BUS, 35 FT. Bus- Tran	2011	1	1216	15GGB2719B1178854
2012 ORION VII, 35 FT. L Bus	2012	1	1220	1VHHF3V28C6708435

## Auction 2022- EQUIPMENT

Description	Color	Quantity	VIN #	Location
COMPUTER/ W KBRD	BLACK	1	SN-00644869	LOWER SHOP
PRINTER	BLACK	1	VNB3M35027	LOWER SHOP
TV MONITOR	BLACK	1	EN-7517HDMI	LOWER SHOP

Sheriff/Jail 2022 Surplus

InSinger Traywasher/Dryer  
Salvajor Disposal  
(2) Vulcan Ovens  
Metal Table

QTY.	DISCRIPTION	MODEL	SERIAL #
BOX OF- 100	PORTABLE RADIO HOLSTERS (LEATHER)	FOR- XTS2500 PORT.	NONE
BOX OF- 48	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 48	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 40	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 36	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 36	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 35	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 35	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 30	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 24	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 20	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 20	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 16	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 15	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
BOX OF- 15	MOTOROLA IMPRESS BATT. CHARGERS	FOR- XTS2500 PORT.	NONE
<b>TOTAL=436</b>	SINGLE POCKET BATT. CHARGERS		
PALLET OF- 60	MOTOROLA RF MODEMS	M26UGA9PW1AN	
PALLET OF- 47	MOTOROLA RF MODEMS	M26UGA9PW1AN	
<b>TOTAL=107</b>	RF MODEMS		
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	H46UCF9PW6BN	
BOX OF- 96	MOTOROLA 800 Mhz XTS2500 PORTABLE RADIOS	73)- H46UCD9PW6BN/	
<b>TOTAL= 768</b>	PORTABLE RADIOS	23)- H46UCF9PW6BN	
BOX OF- 485	LONG 800 Mhz PORTABLE RADIO ANTENNAE	NONE	NONE
BOX OF- 150	SHORT 800 Mhz PORTABLE RADIO ANTENNAE		
<b>TOTAL= 635</b>	PORTABLE RADIO ANTENNAE		
BOX OF- 320	BELT CLIPS FOR PORTABLE BATTERIES	NONE	NONE
BOX OF- 48	BELT CLIPS FOR PORTABLE BATTERIES		
BOX OF- 30	BELT CLIPS FOR PORTABLE BATTERIES		
<b>TOTAL=398</b>	BELT CLIPS		
BOX OF- 85	ASSORTED SHOULDER MICS	NONE	NONE
BOX OF- 85	ASSORTED SHOULDER MICS		
<b>TOTAL= 170</b>	SHOULDER MICS		



3 SMALL BOXES  
OF ASSORTED  
BATT. CHARGERS

NONE

NONE

Vehicle #	Vin #	Year/Make/Model
2380	1HTMNAAM19H100751	2009 International/ Ambulance
2381	1FVACVDUXBDAU9912	2011 Freightliner/Ambulance
3167	1G1ND52J516246126	2001 Chevy Malibu
3220	1FDRF3GT0DEB78440	2013 Ford/Ambulance
9695	1GBJG31R9V1051761	1997 Chevy/Inmate van
10241	1GBJG31R021194853	2001 Chevy/Inmate van
10252	1D7HL12X73S133184	2003 Dodge Dakota
10294	2FAFP73W33X164224	2003 Ford Crown Vic
10303	1G1ND52J63M568692	2003 Chevy Malibu
11030	1G1ZS58N37F252310	2007 Chevy Malibu
11043	1FMEU73E67UB56987	2007 Ford Exploier
11048	1FMEU63E97UB70568	2007 Ford Exploier
11049	1FMEU63E77UB70570	2007 Ford Exploier
11094	1FMEU63E38UB21805	2007 Ford Exploier
11098	1FMEU63E78UB21807	2008 Ford Exploier
11099	1FMEU63E98UB21808	2008 Ford Exploier
11213	1FD8W3G61BEA30977	2011 Ford F350
11224	1FVHC7DV9BHAZ2195	2010 Freightliner/ Sewer Truck
17075	1G1ND52J61M618956	2001 Chevy Malibu
17140	1G1ND52J32M645288	2002 Chevy Malibu
17185	1G1ND52J63M568370	2003 Chevy Malibu
17188	1G1ND52J13M568812	2003 Chevy Malibu
17252	1FAHP52U54A189519	2004 Ford taurus
17258	1FAHP52U14A189520	2004 Ford taurus
17441	2FAFP71W87X161988	2007 Ford Crown vic
17457	2G1WB55K381304718	2008 Chevy Impala
17459	2G1WB55K281303835	2008 Chevy Impala
17460	2G1WB55K081303767	2008 Chevy Impala
17491	2FAHP71VX9X110267	2009 Ford Crown Vic
17508	2FAHP71V19X110254	2009 Ford Crown Vic
17549	2FAHP71V09X128096	2009 Ford Crown Vic
17597	2FAHP71V59X124562	2009 Ford Crown Vic
17622	2FABP7BV6AX101218	2010 Ford Crown Vic
17659	2FABP7BV3AX103380	2010 Ford Crown Vic
17681	2FABP7BV9AX103402	2010 Ford Crown Vic
17694	2FABP7BV7AX103429	2010 Ford Crown Vic
17800	1GNLC2E00CR228337	2012 Chevy Tahoe
17805	1GNLC2E08CR228358	2012 Chevy Tahoe
17809	1GNLC2E05CR225241	2012 Chevy Tahoe
17811	1GNLC2E08CR225346	2012 Chevy Tahoe
17814	1GNLC2E02CR225276	2012 Chevy Tahoe
17820	1GNLC2E04CR226980	2012 Chevy Tahoe
17822	1GNLC2E07CR227086	2012 Chevy Tahoe
17829	2C3CDXAT6CH266663	2012 Dodge Charger
17880	2C3CDXAT8DH625867	2013 Dodge Charger
17996	2C3CDXAT7GH199240	2016 Dodge Charger

18000	2FAFP71W95X172530	2005 Ford Crown VIC
18052	2FABP7BV9AX116134	2010 Ford Crown Vic
18060	1GNLC2E02BR196585	2011 Chevy Tahoe
18073	2FABP7BV3BX168215	2011 Ford Crown Vic
18080	1GLNC2E06CR223790	2012 Chevy Tahoe
19019	1H9ABDAC3H1674396	2017 CCC Sanitation truck
19032	1H9ABDAC7H1674384	2017 CCC Sanitation truck
30064	2C3CDXAT0HH548174	2017 Dodge Charger
30065	2C3CDXAT1HH548183	2017 Dodge Charger
30087	2C3CDXAT0KH592439	2019 Dodge Charger
30097	2C3CDXAT0KH592425	2019 Dodge Charger
30106	2C3CDXAT7KH592440	2019 Dodge Charger
30140	2C3CDXKT3LH249768	2020 Dodge Charger
30146	2C3CDXKT7LH249756	2020 Dodge Charger
10277	10579	2003 KUBOTA
10351	21776	2004 KUBOT
17824	1GNLC2E08CR223743	2012 Chevy Tahoe

**File Attachments for Item:**

I. One (1) 2023 Ford Explorer for the Engineering Department – Georgia Statewide Contract Cooperative Purchase

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	One (1) 2023 Ford Explorer for the Engineering Department – Georgia Statewide Contract Cooperative Purchase
<b>INITIATED BY:</b>	Finance Department

---

It is requested that Council approve the purchase of one (1) 2023 Ford Explorer for the Engineering Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, for a total cost of \$33,983.00.

The vehicle was approved in the FY23 Budget and will be used by department staff for daily operations. This is a new vehicle.

Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

Funds are budgeted in the FY23 Budget: General Fund – Engineering – Traffic Engineering – Automobiles; 0101-250-2100-TRAF-7721.



**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF ONE (1) 2023 FORD EXPLORER FOR THE ENGINEERING DEPARTMENT, FROM ALLAN VIGIL FORD (MORROW, GA), BY COOPERATIVE PURCHASE VIA GEORGIA STATEWIDE CONTRACT #99999-SPD-ES40199373-002, FOR A TOTAL COST OF \$33,983.00.**

**WHEREAS**, the vehicle was approved in the FY23 Budget and will be used by department staff for daily operations. This is a new vehicle.

**WHEREAS**, Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to purchase one (1) 2023 Ford Explorer for the Engineering Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, for a total cost of \$33,983.00. Funds are budgeted in the FY23 Budget: General Fund – Engineering – Traffic Engineering – Automobiles; 0101-250-2100-TRAF-7721.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

J. Two (2) 2023 Ford Explorers for the Engineering Department – Georgia Statewide Contract  
Cooperative Purchase

**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Two (2) 2023 Ford Explorers for the Engineering Department – Georgia Statewide Contract Cooperative Purchase
<b>INITIATED BY:</b>	Finance Department

It is requested that Council approve the purchase of two (2) 2023 Ford Explorers for the Engineering Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, at a unit cost of \$37,093.00, and a total cost of \$74,186.00.

The vehicles were approved in the FY23 Budget and will be used by department staff for daily operations. One is a new vehicle, and one is a replacement vehicle.

Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

Funds are budgeted in the FY23 Budget: One (1) - Paving Fund – Engineering – Highways and Roads – Automobiles; 0203-250-2200-ROAD-7721; and One (1) - Sewer (Stormwater) Fund – Engineering – Drainage – Automobiles; 0202-250-2300-DRAN-7721.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF TWO (2) 2023 FORD EXPLORERS FOR THE ENGINEERING DEPARTMENT, FROM ALLAN VIGIL FORD (MORROW, GA), BY COOPERATIVE PURCHASE VIA GEORGIA STATEWIDE CONTRACT #99999-SPD-ES40199373-002, AT A UNIT COST OF \$37,093.00, AND A TOTAL COST OF \$74,186.00.**

**WHEREAS**, the vehicles were approved in the FY23 Budget and will be used by department staff for daily operations. One is a new vehicle, and one is a replacement vehicle.

**WHEREAS**, Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to purchase two (2) 2023 Ford Explorers for the Engineering Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, at a unit cost of \$37,093.00, and a total cost of \$74,186.00. Funds are budgeted in the FY23 Budget: One (1) - Paving Fund – Engineering – Highways and Roads – Automobiles; 0203-250-2200-ROAD-7721; and One (1) - Sewer (Stormwater) Fund – Engineering – Drainage – Automobiles; 0202-250-2300-DRAN-7721.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

\_\_\_\_\_  
Sandra T. Davis, Clerk of Council

\_\_\_\_\_  
B.H. "Skip" Henderson III, Mayor

**File Attachments for Item:**

K. Three (3) 2023 Ford Explorers for the Fire & EMS Department – Georgia Statewide Contract Cooperative Purchase



**Columbus Consolidated Government  
Council Meeting Agenda Item**

<b>TO:</b>	Mayor and Councilors
<b>AGENDA SUBJECT:</b>	Three (3) 2023 Ford Explorers for the Fire & EMS Department – Georgia Statewide Contract Cooperative Purchase
<b>INITIATED BY:</b>	Finance Department

It is requested that Council approve the purchase of three (3) 2023 Ford Explorers for the Fire & EMS Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, as follows: One (1) unit at a total cost of \$36,958.00, and Two (2) units at a cost of \$33,983.00 each, totaling \$67,966.00; with a grand total for all three vehicles at \$104,924.00.

These vehicles were approved in the FY23 Budget and will be used by the Fire & EMS Department in the performance of daily operations. These are replacement vehicles.

Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

Funds are budgeted in the FY23 Budget: LOST/Public Safety Fund – Fire & EMS - Public Safety/LOST – Automobiles; 0102 – 410 – 9900 – LOST – 7721.

**A RESOLUTION**

NO. \_\_\_\_\_

**A RESOLUTION AUTHORIZING THE PURCHASE OF THREE (3) 2023 FORD EXPLORERS FOR THE FIRE & EMS DEPARTMENT, FROM ALLAN VIGIL FORD (MORROW, GA), BY COOPERATIVE PURCHASE VIA GEORGIA STATEWIDE CONTRACT #99999-SPD-ES40199373-002, AS FOLLOWS: ONE (1) UNIT AT A TOTAL COST OF \$36,958.00, AND TWO (2) UNITS AT A COST OF \$33,983.00 EACH, TOTALING \$67,966.00; WITH A GRAND TOTAL FOR ALL THREE VEHICLES AT \$104,924.00.**

**WHEREAS**, these vehicles were approved in the FY23 Budget and will be used by the Fire & EMS Department in the performance of daily operations. These are replacement vehicles.

**WHEREAS**, Georgia Statewide Contract #99999-SPD-ES40199373-002 is a cooperative contract available for use by any Georgia governmental entity. The City's Procurement Ordinance, Article 9-101, authorizes the use of cooperative purchasing.

**NOW, THEREFORE, THE COUNCIL OF COLUMBUS, GEORGIA, HEREBY RESOLVES AS FOLLOWS:**

That the City Manager is hereby authorized to purchase three (3) 2023 Ford Explorers for the Fire & EMS Department, from Allan Vigil Ford (Morrow, GA), by Cooperative Purchase via Georgia Statewide Contract #99999-SPD-ES40199373-002, as follows: One (1) unit at a total cost of \$36,958.00, and Two (2) units at a cost of \$33,983.00 each, totaling \$67,966.00; with a grand total for all three vehicles at \$104,924.00. Funds are budgeted in the FY23 Budget: LOST/Public Safety Fund – Fire & EMS - Public Safety/LOST – Automobiles; 0102 – 410 – 9900 – LOST – 7721.

Introduced at a regular meeting of the Council of Columbus, Georgia, held the \_\_\_\_\_ day of \_\_\_\_\_, 2022 and adopted at said meeting by the affirmative vote of \_\_\_\_\_ members of said Council.

Councilor Allen voting	_____.
Councilor Barnes voting	_____.
Councilor Crabb voting	_____.
Councilor Davis voting	_____.
Councilor Garrett voting	_____.
Councilor House voting	_____.
Councilor Huff voting	_____.
Councilor Thomas voting	_____.
Councilor Tucker voting	_____.
Councilor Woodson voting	_____.

Sandra T. Davis, Clerk of Council

B.H. "Skip" Henderson III, Mayor

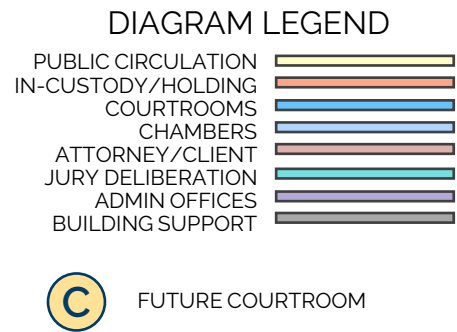
**File Attachments for Item:**

A. Judicial Center Update - Doug Kleppin ,SLAM Collaborative

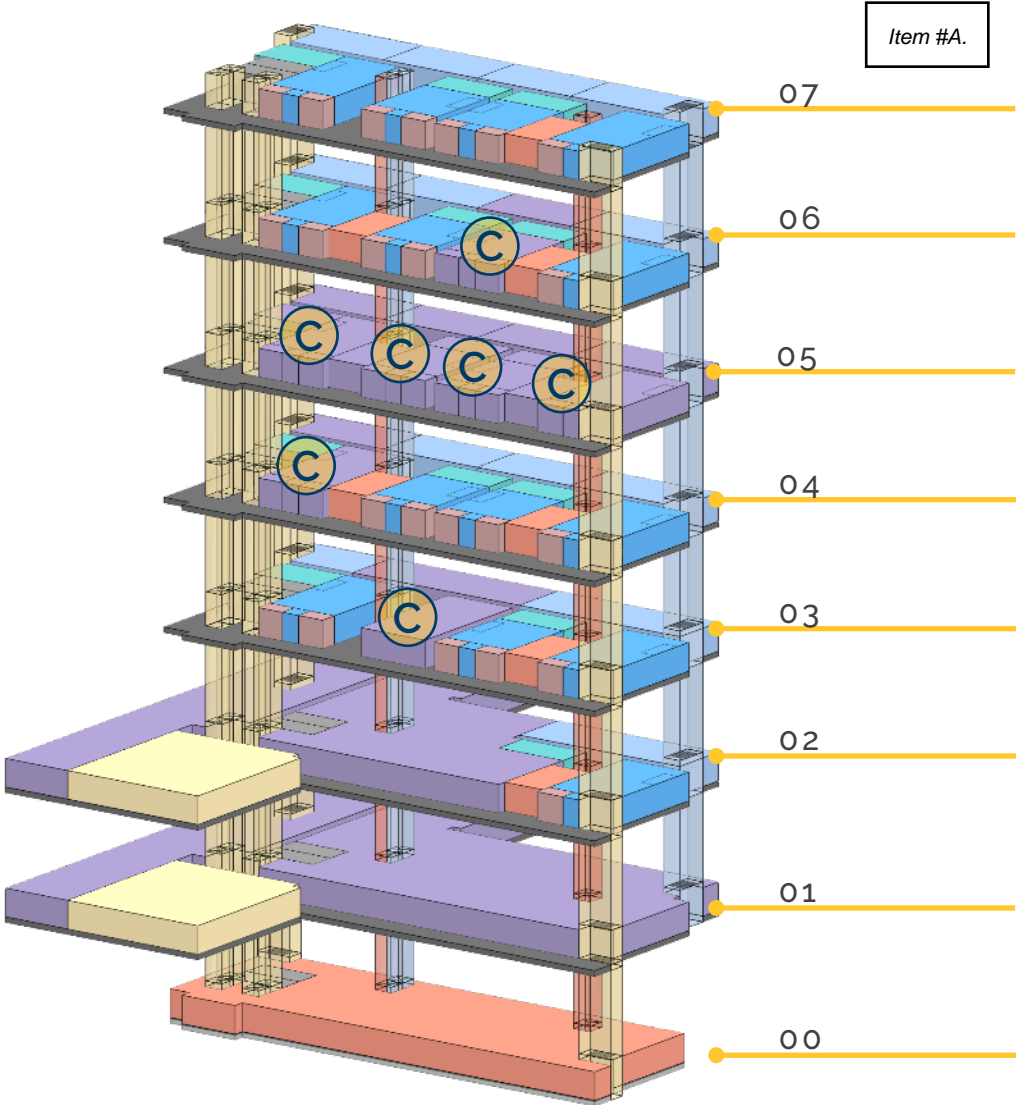




# 4 COURT PER FLOOR: CONCEPTUAL PLAN AND STACKING



- 14 Initial Courtrooms
- 7 Future Courtrooms
- 21 Total Courtroom Capacity
- 11 Large Courtrooms (2,600 sf)
- 10 Standard Courtrooms (1,800 sf)

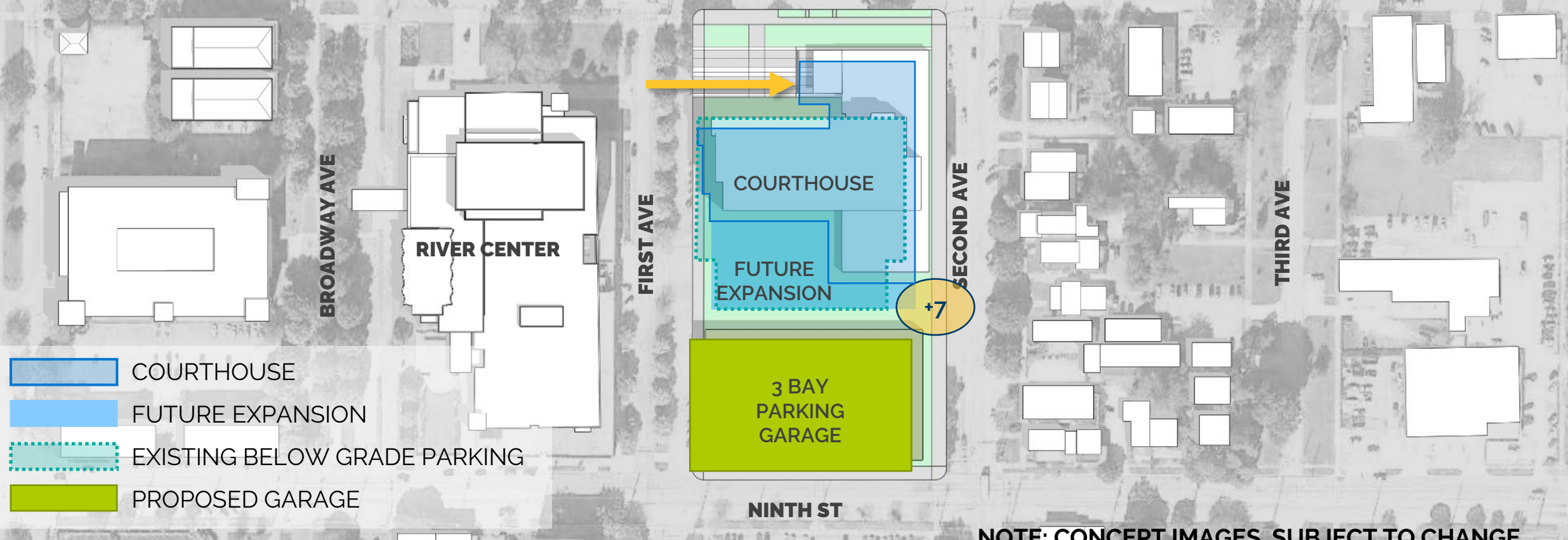


NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

**4 COURT PER FLOOR: OPTION B**  
SITE PLAN

**14** INITIAL COURTS  
**7** FUTURE COURTS

Item #A.



**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**

**SITE: OPTION 4B**



# 4 COURT PER FLOOR: COURTYARD PERSPECTIVE: MASSING

Item #A.

## Attributes:

Northern Exposure

Natural light in Courtrooms

Courthouse Prominence [Higher Than Surroundings]

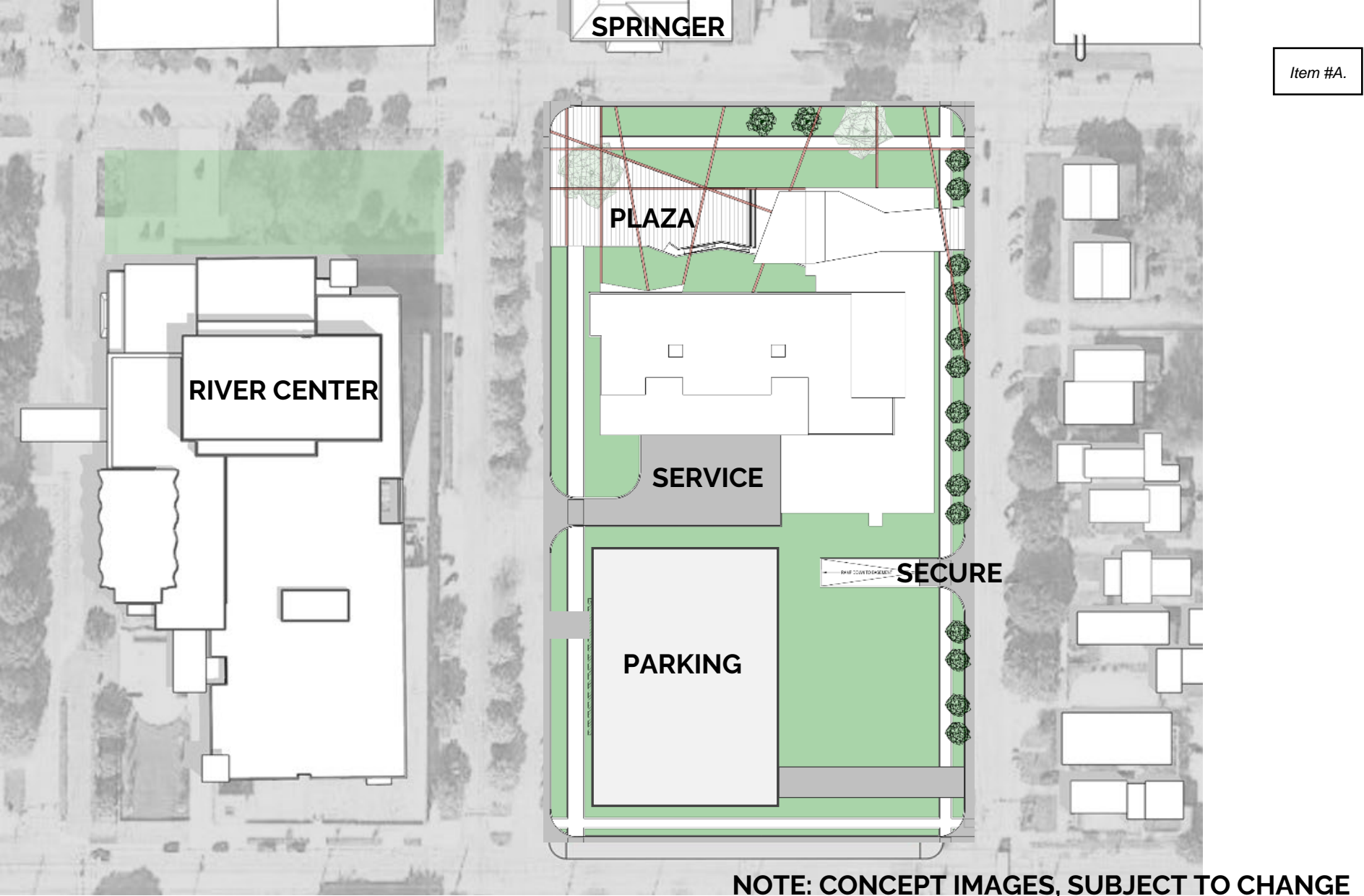
Site Space Available For Future Expansion

Available Court Floor Expansion  
[7 Courtrooms]

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

PERSPECTIVE: OPTION 4B

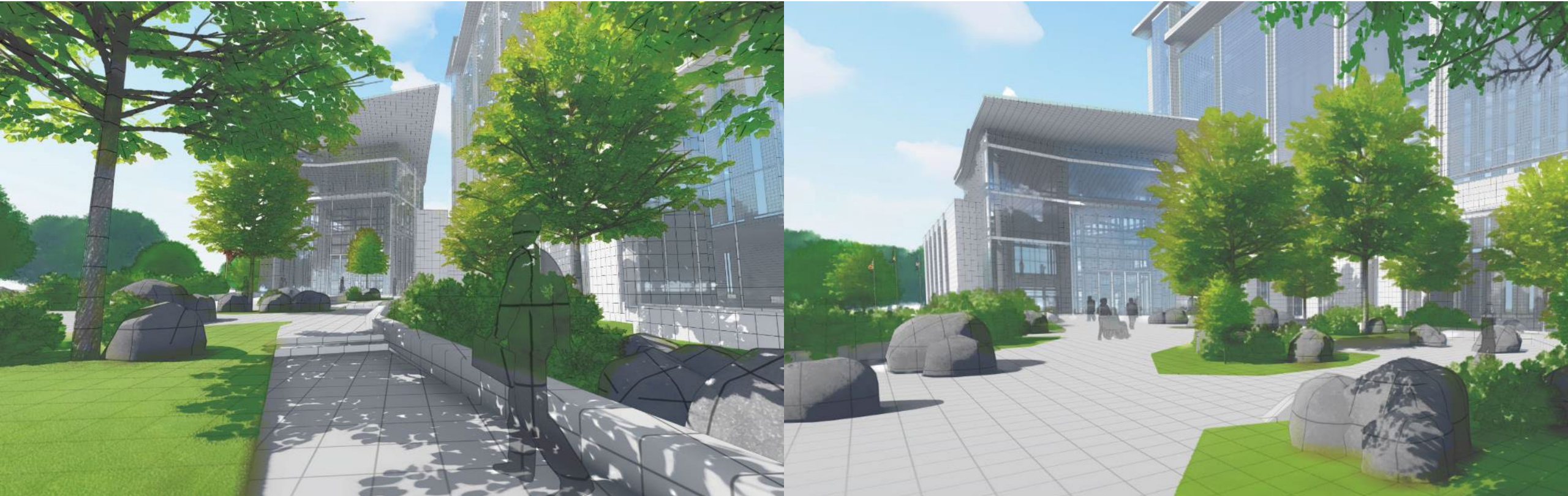
# SITE PLAN





# LANDSCAPE

Item #A.



**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**



# LANDSCAPE

Item #A.



NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

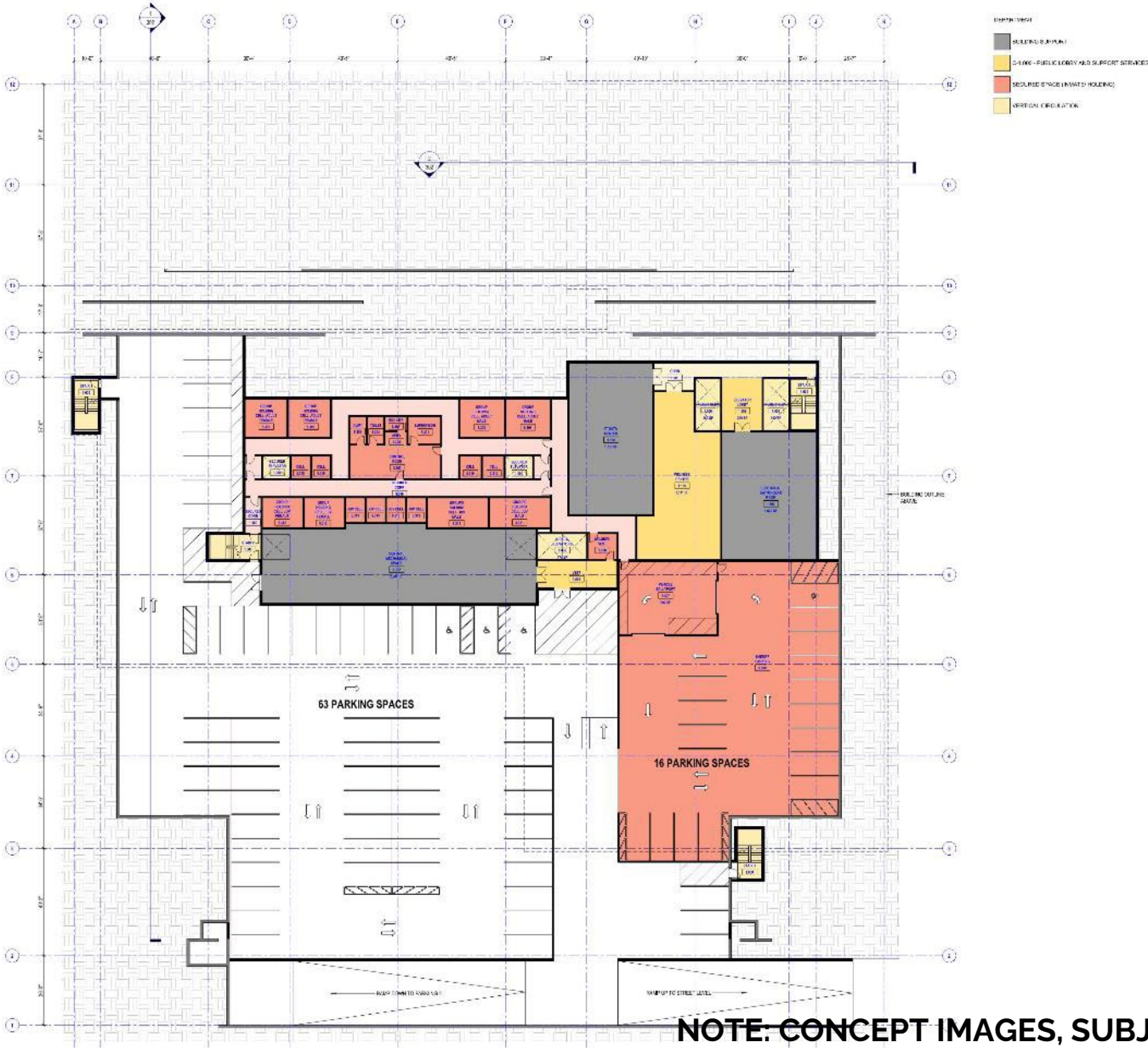
## SCHEMATIC DESIGN BRIEFING



# FLOOR PLANS

## LEVEL B

Secure Holding  
Secure Parking  
Building Support

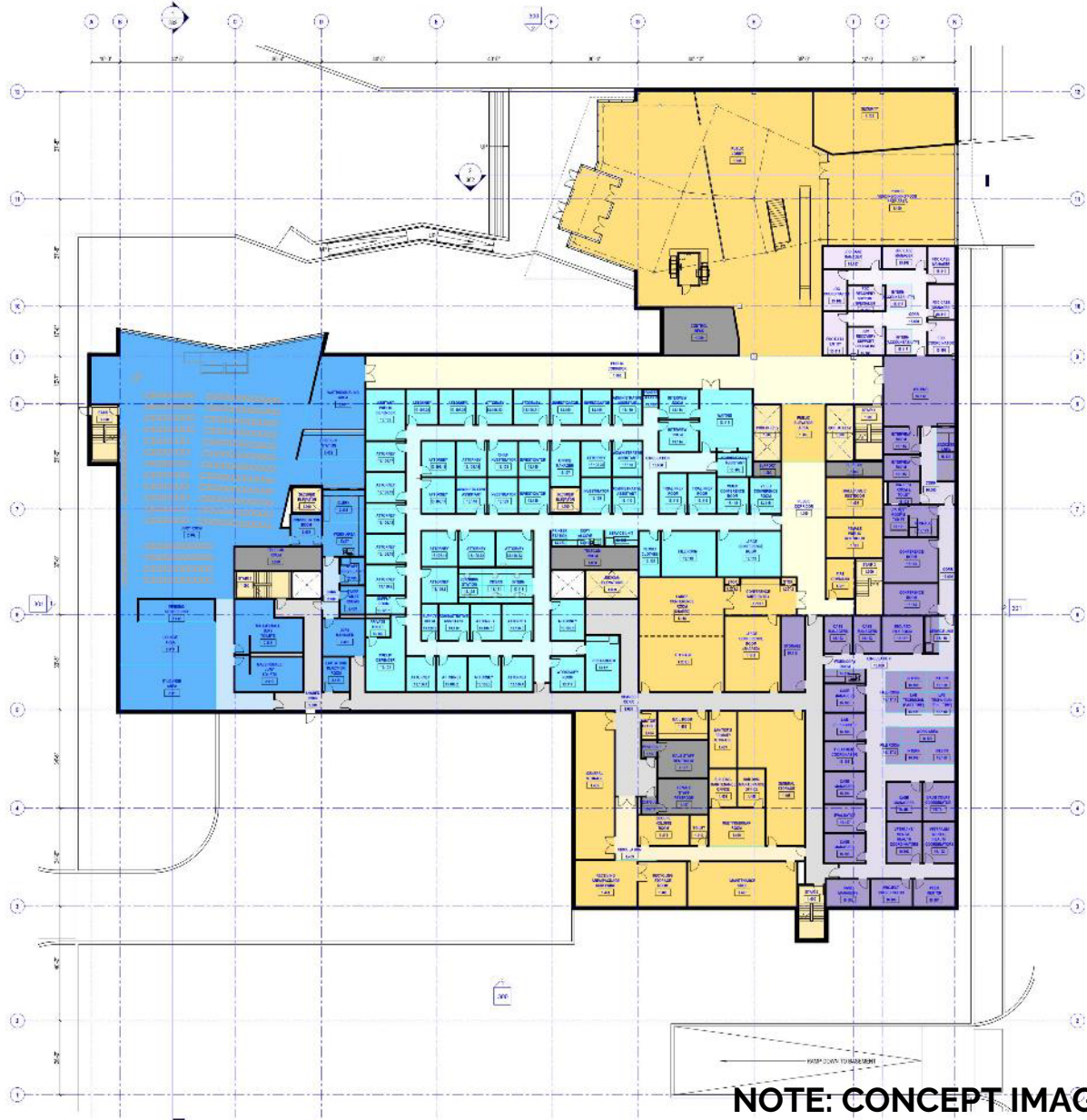


Item #A.

# FLOOR PLANS

## LEVEL 1 [ENTRY]

Jury Assembly  
Public Defender  
Accountability  
Building Support



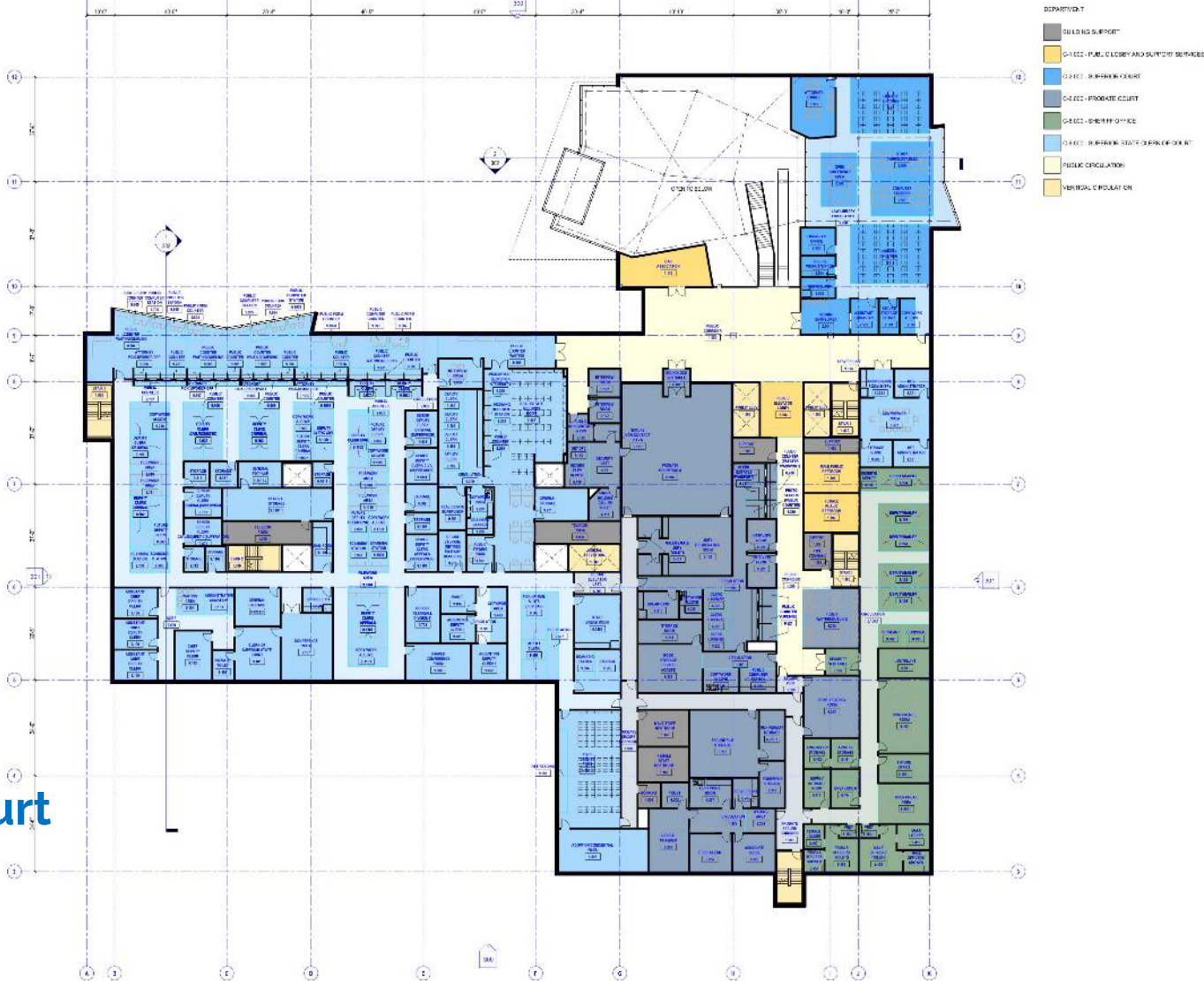
Item #A.



# FLOOR PLANS

## LEVEL 2

Clerk of Superior + State Court  
Probate Court  
Law Library  
Sheriff Support



Item #A.

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

# FLOOR PLANS

## LEVEL 3

State Court + Chambers  
Clerk of Municipal Court  
Magistrate Court + Chambers



Item #A.

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

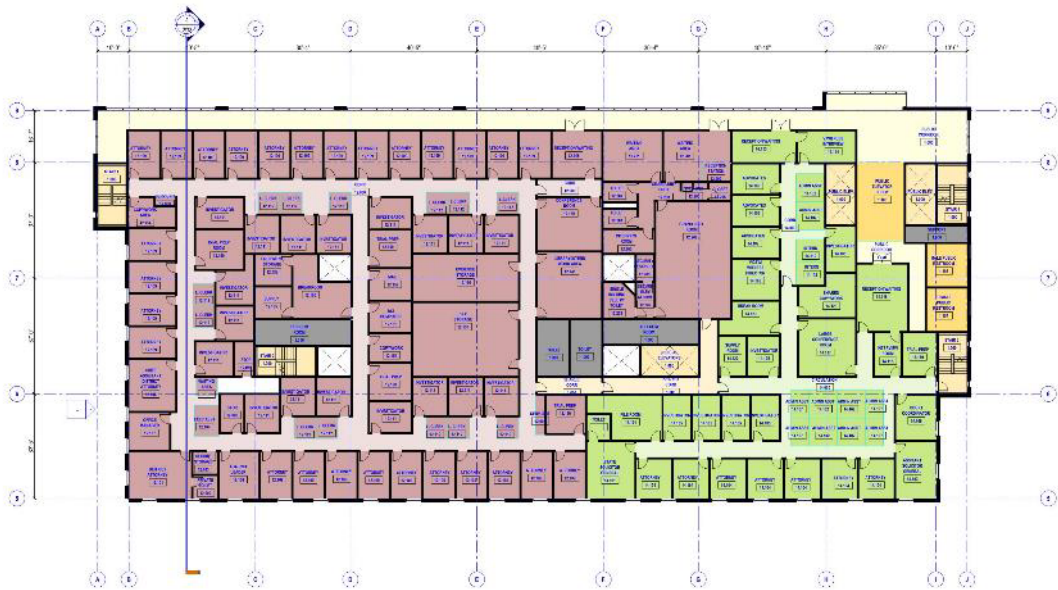


# FLOOR PLANS

## LEVEL 4

- LEGEND
- BUILDING SUPPORT
  - CAJONE-PUBLIC LOBBY AND SUPPORT SERVICES
  - CAJONE-LEGISLATIVE OFFICES
  - CAJONE-STATE SOLICITOR'S OFFICE
  - PUBLIC CIRCULATION
  - VERTICAL CIRCULATION

Item #A.



District Attorney  
Grand Jury  
State Solicitor

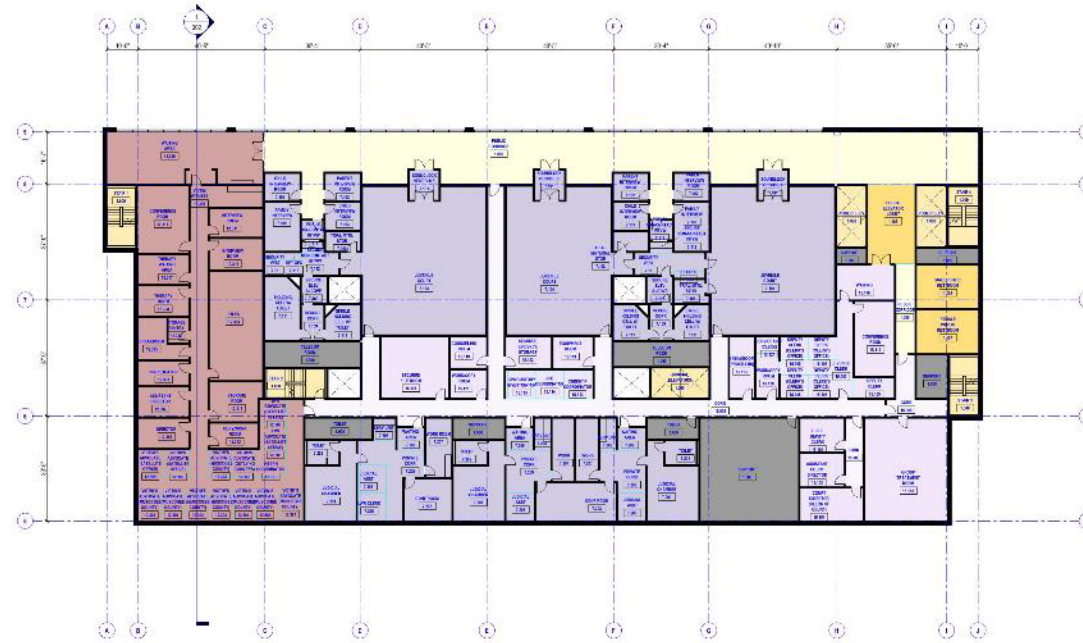
NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

# FLOOR PLANS

## LEVEL 5



Item #A.



Victim Witness [DA]  
Juvenile Court + Chambers  
Juvenile Clerk

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

# FLOOR PLANS

## LEVEL 6

DEPARTMENT

- BUILDING SUPPORT
- CLERK - PUBLIC LUNNEY AND SUPPORT SERVICES
- CLERK - SUPERIOR COURT
- PUBLIC CONSULTATION
- VERTICAL CIRCULATION

Item #A.



Superior Courts + Chambers

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

# FLOOR PLANS

## LEVEL 7

- DEPARTMENT
- CLERK-SUPPORT
  - CLERK-PUBLIC LOBBY AND SUPPORT SERVICES
  - CLERK-SUPERIOR COURT
  - PUBLIC CIRCULATION
  - RECEIPT CIRCULATION

Item #A.

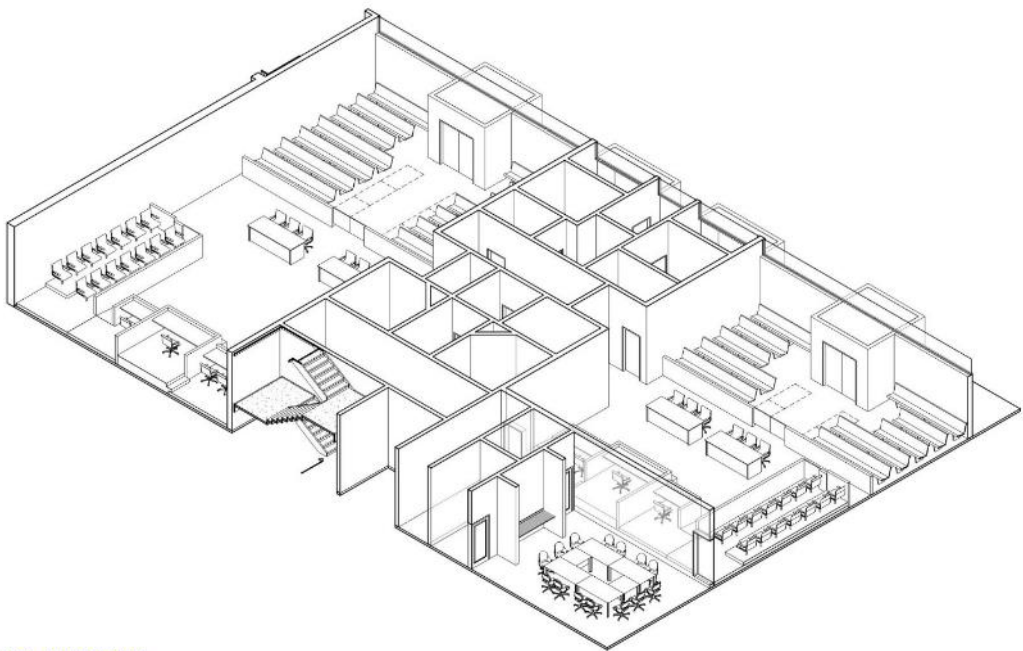


Superior Courts + Chambers

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE



# FLOOR PLANS



2 AXON - STATE COURTS



1 ENLARGED PLAN - STATE COURTS  
1/8" = 1'-0"

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE



# BUILDING SECTION

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

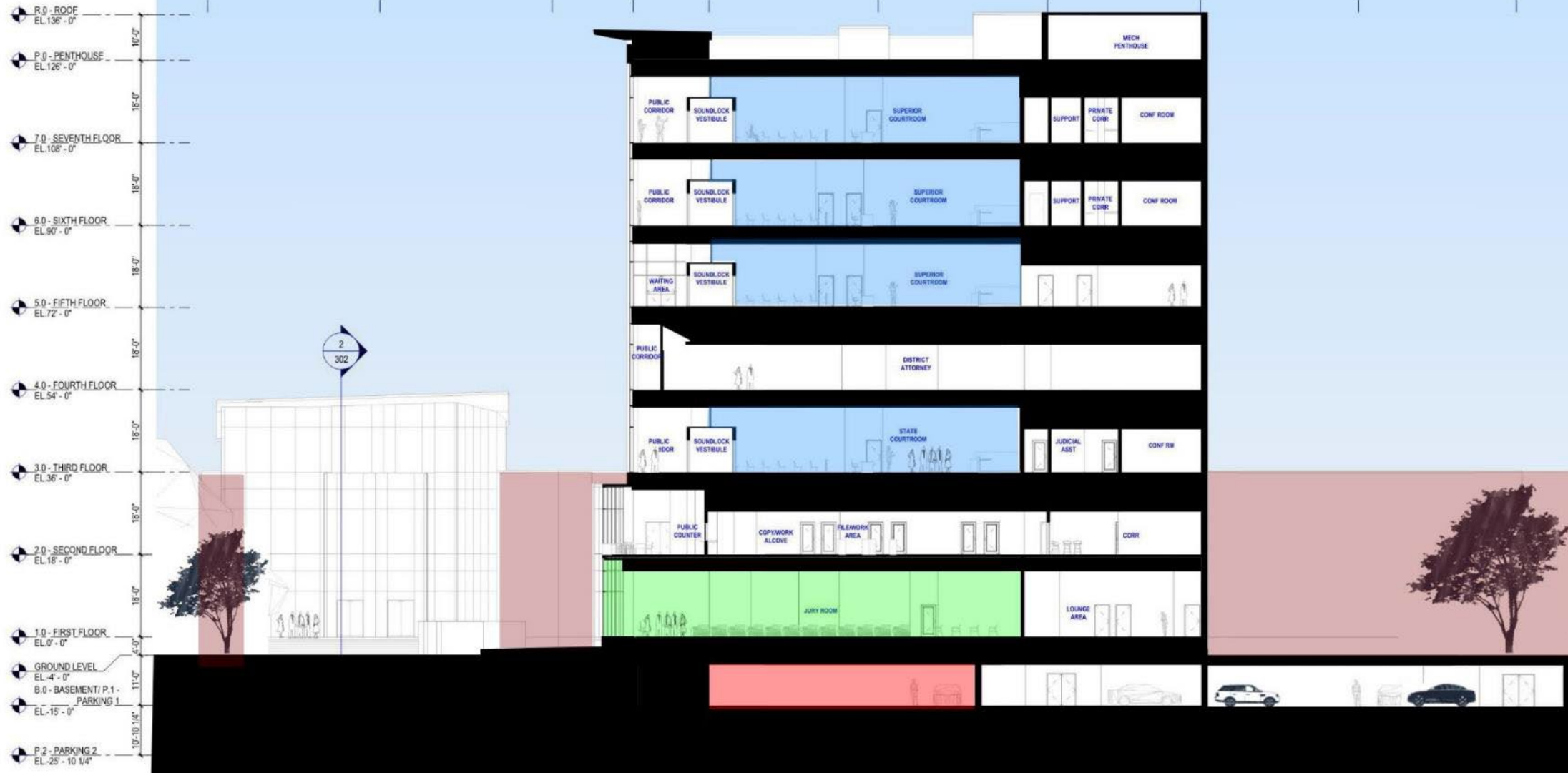
Item #A.



# BUILDING SECTION

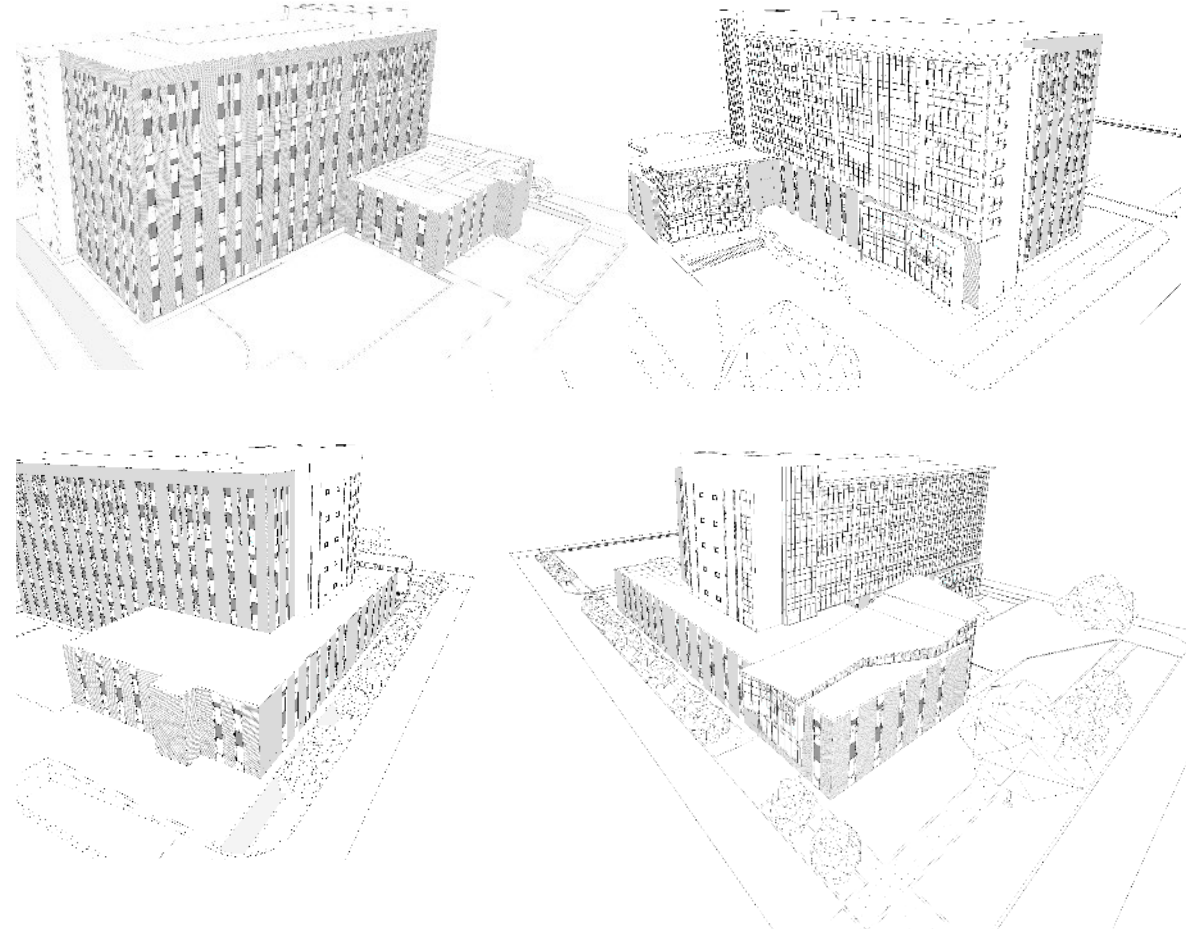
NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

Item #A.



# BUILDING MASSING

Item #A.

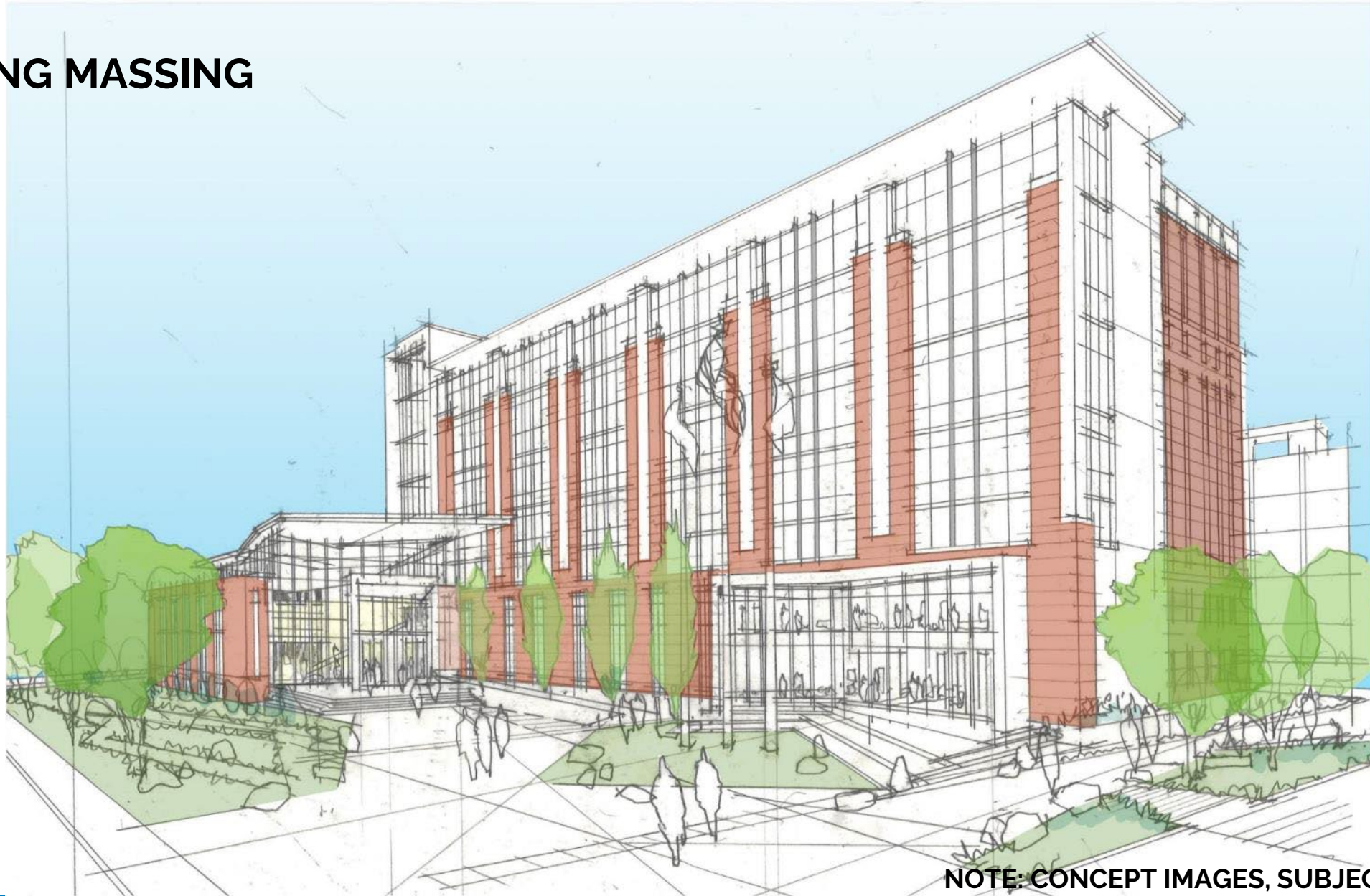


**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**



# BUILDING MASSING

Item #A.

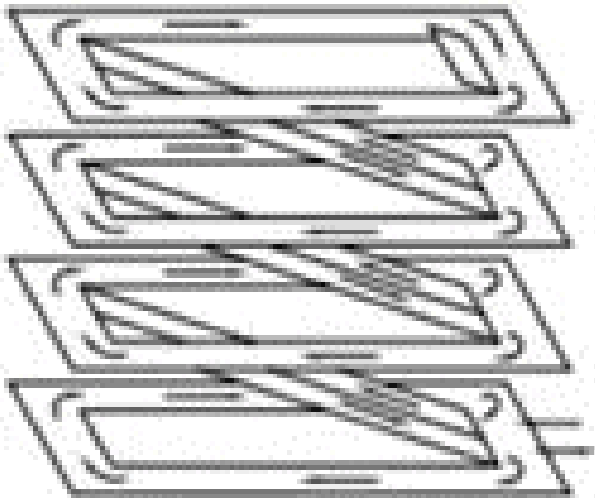
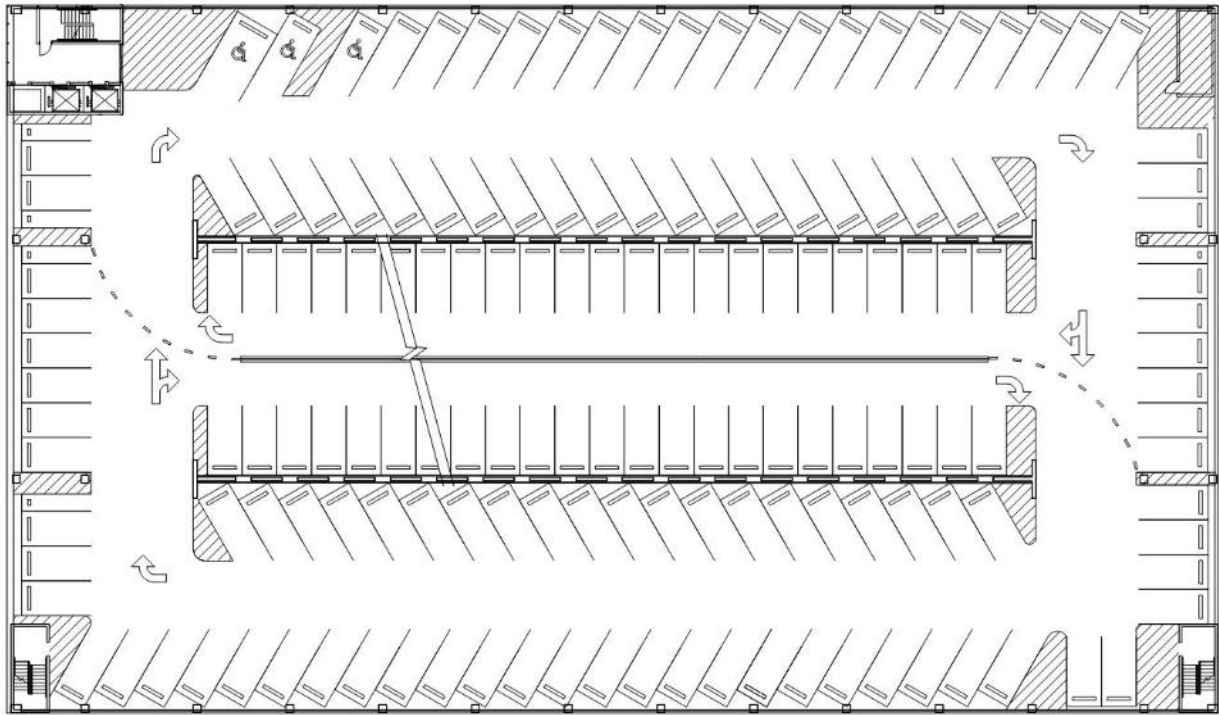


**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**

**PARKING GARAGE: 3 BAY**  
TYPICAL FLOOR PLAN

Parking Structure: Item #A.

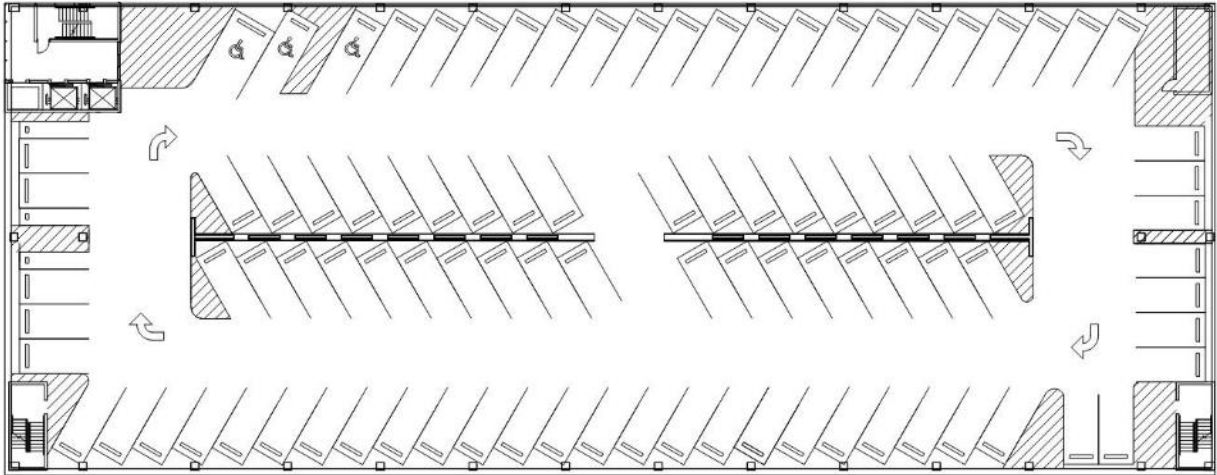
Program Target:	600 Spots
Typical Floor:	160 Spots
Levels:	3
<b>Approx Total:</b>	<b>480 Spots</b>



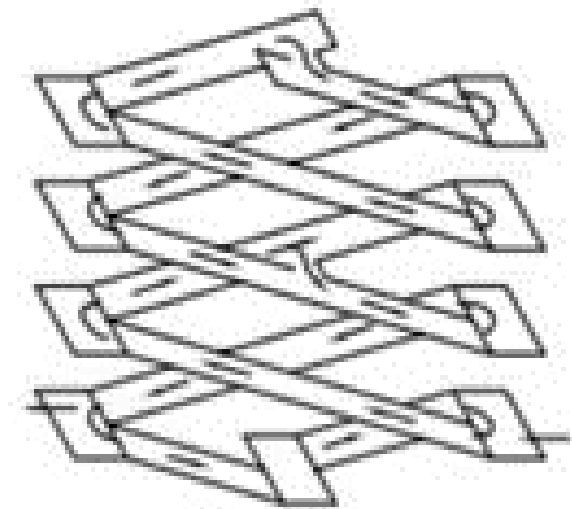
**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**



**PARKING GARAGE: 2 BAY**  
TYPICAL FLOOR PLAN



Parking Structure:		Item #A.
Program Target:	600 Spots	
Typical Floor:	100 Spots	
Levels:	5	
Approx Total:	500 Spots	

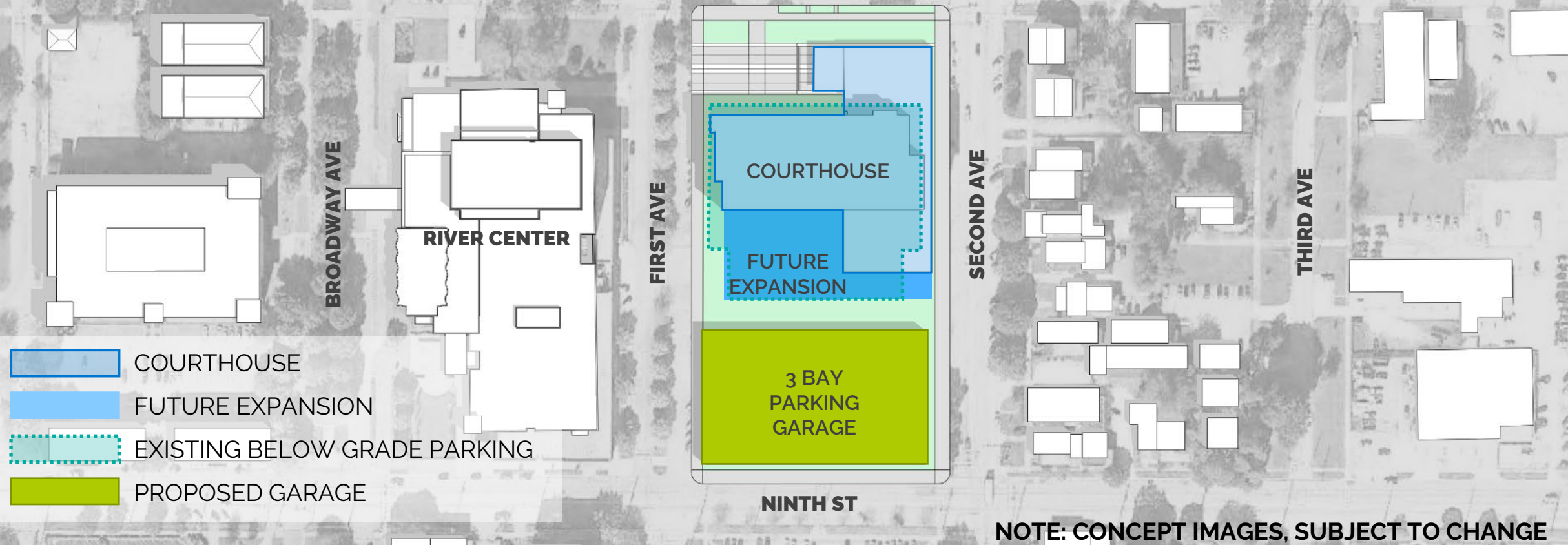


**NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE**

**4 COURT PER FLOOR: OPTION B**  
SITE PLAN

**14** INITIAL COURTS  
**7** FUTURE COURTS

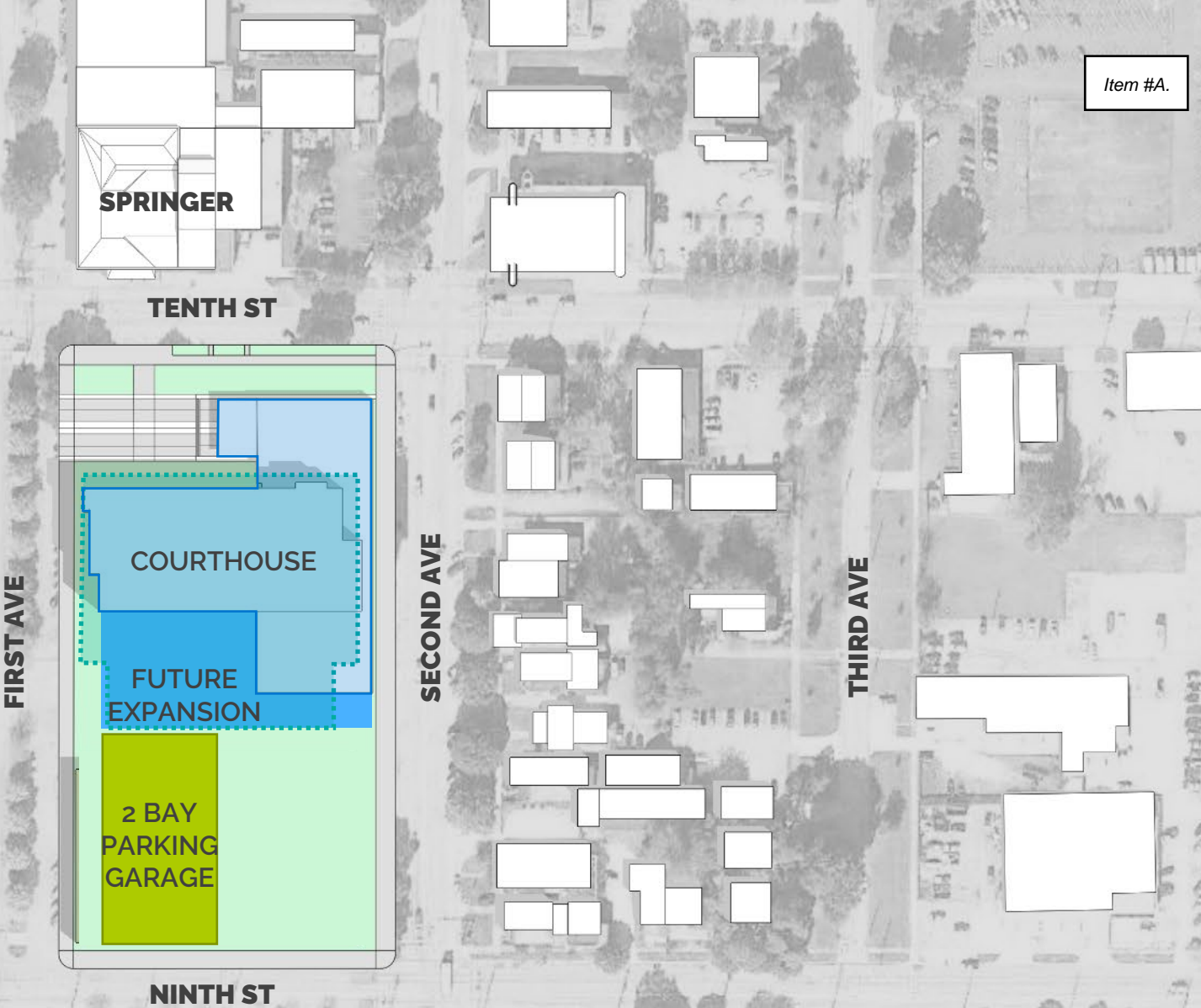
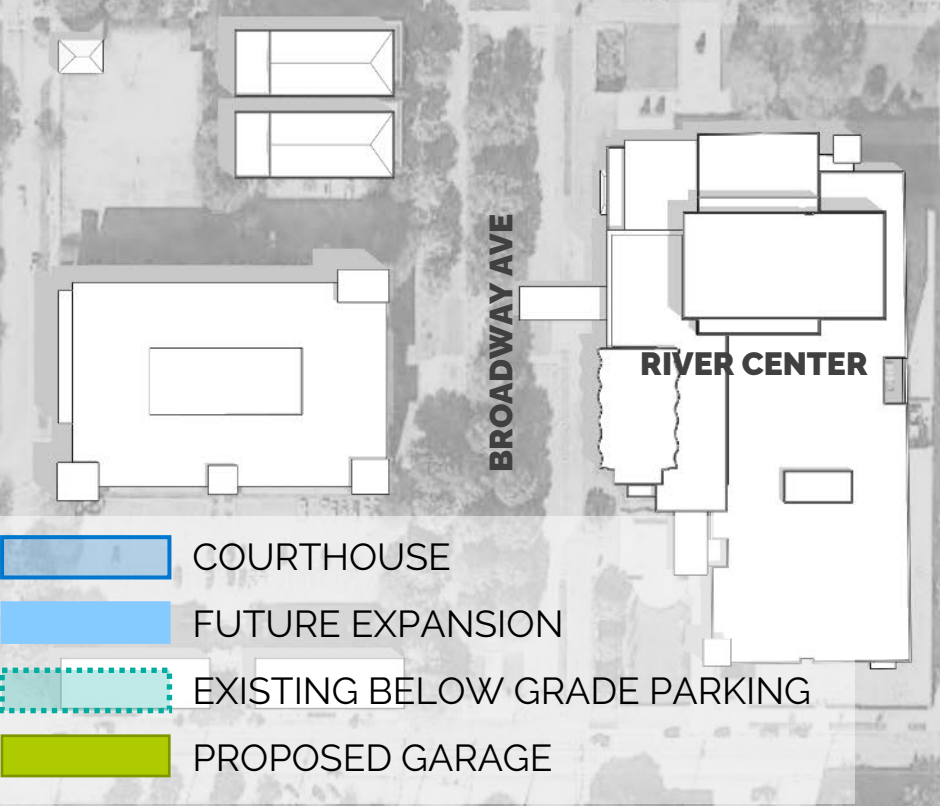
Item #A.





4 COURT PER FLOOR: OPTION B  
SITE PLAN

14 INITIAL COURTS  
7 FUTURE COURTS



Item #A.

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

# SCHEDULE

Item #A.

## NEW COURTHOUSE

Schematic Design	FEB 2022 – AUG 2022
Design Development	SEP 2022 – FEB 2023
Construction Documents	MAR 2023 – JUL 2023
Demolition/ Construction	AUG 2023 – AUG 2025

NOTE: CONCEPT IMAGES, SUBJECT TO CHANGE

## TIMELINE

**File Attachments for Item:**

B. Short Term Rental Update - Ryan Pruett, Inspections & Codes Department





# Short Term Rental Update – September 27, 2022

# Current Short Term Rental Ordinance

- Current ordinance was adopted by Council on 10/09/2018.
- Ordinance was originally created to address issues with Short Term Rentals not paying appropriate taxes.
- Ordinance requires all short-term rentals to obtain an annual permit from the Inspections and Code Department.
- Short-Term Rental owners and agents must complete a background check prior to the issuance of the permit.

# Current Short Term Rental Ordinance

- Short-Term Rentals are permitted in all residential and commercial zoning districts.
- Ordinance allows Inspections and Code to revoke the license of any rental with three code violation convictions within a 12-month period.
- Ordinance has minimum fines of \$500.00 for first violation, \$750.00 for second violation, and \$1000.00 for third violation. Violations include operating a rental without a permit.

# Short Term Rental Issues

- Over the past year, staff has received an influx of complaints regarding the operation of certain rentals.
- Most common complaints have been:
  - Rentals being used as a party house
  - Lack of communication between neighbors and rental owner/agent.
  - Rentals are overrunning residential neighborhoods

# Proposed Short Term Rental Revisions

- Provisions of current ordinance such as permitting process, minimum fines, and license revocation process remain.
- During the application process, applicants will be required to notify adjacent property owners of the proposed short-term rental. Applicants will be required to provide contact information to adjoining property owners.



# Proposed Short Term Rental Revisions

- A door sticker, provided by Inspections and Code, must be placed on the front door of each unit. The sticker will readily identify the property as a short-term rental to any responding Officer.
- Proposed ordinance clearly limits the number of occupants to no more than 16 occupants.
- Proposed ordinance clarifies that a minimum stay is 24 hours. Short-Term rentals are not to be rented for a period less than 24 hours.

# Proposed Short Term Rental Revisions

- Proposed ordinance introduces a cap on the number of short-term rentals in Historic Districts, including the Downtown Historic District and the Weracoba/St. Elmo Historic District.
  - Process would be provided to add additional districts later. All future caps would be subject to approval by Council.
- Owner occupied rentals would be exempt from the cap.

# Proposed Short Term Rental Revisions

- Examples of the proposed cap
  - Downtown Historic District:
    - 10% Cap: 44 Rentals
    - 20% Cap: 88 Rentals
    - Approximately 30 rentals currently operating
  - Weracoba/St. Elmo Historic District:
    - 10% Cap: 49 Rentals
    - 20% Cap: 98 Rentals
    - Approximately 20 rentals currently operating

# Next Steps

- Staff will make final revisions to the ordinance based on Council and citizen feedback.
- Revised Ordinance would be brought before the Planning Advisory Commission in November.
- 1<sup>st</sup> and 2<sup>nd</sup> Council Readings would be held in December and/or January.

# Questions?



**File Attachments for Item:**

D. Compensation Pay Plan Appeals Update - Reather Hollowell, Human Resources Director



# CCG New Pay Plan Update

**Employee Appeals Analysis  
PS Education Incentive  
Implementation Reminder**

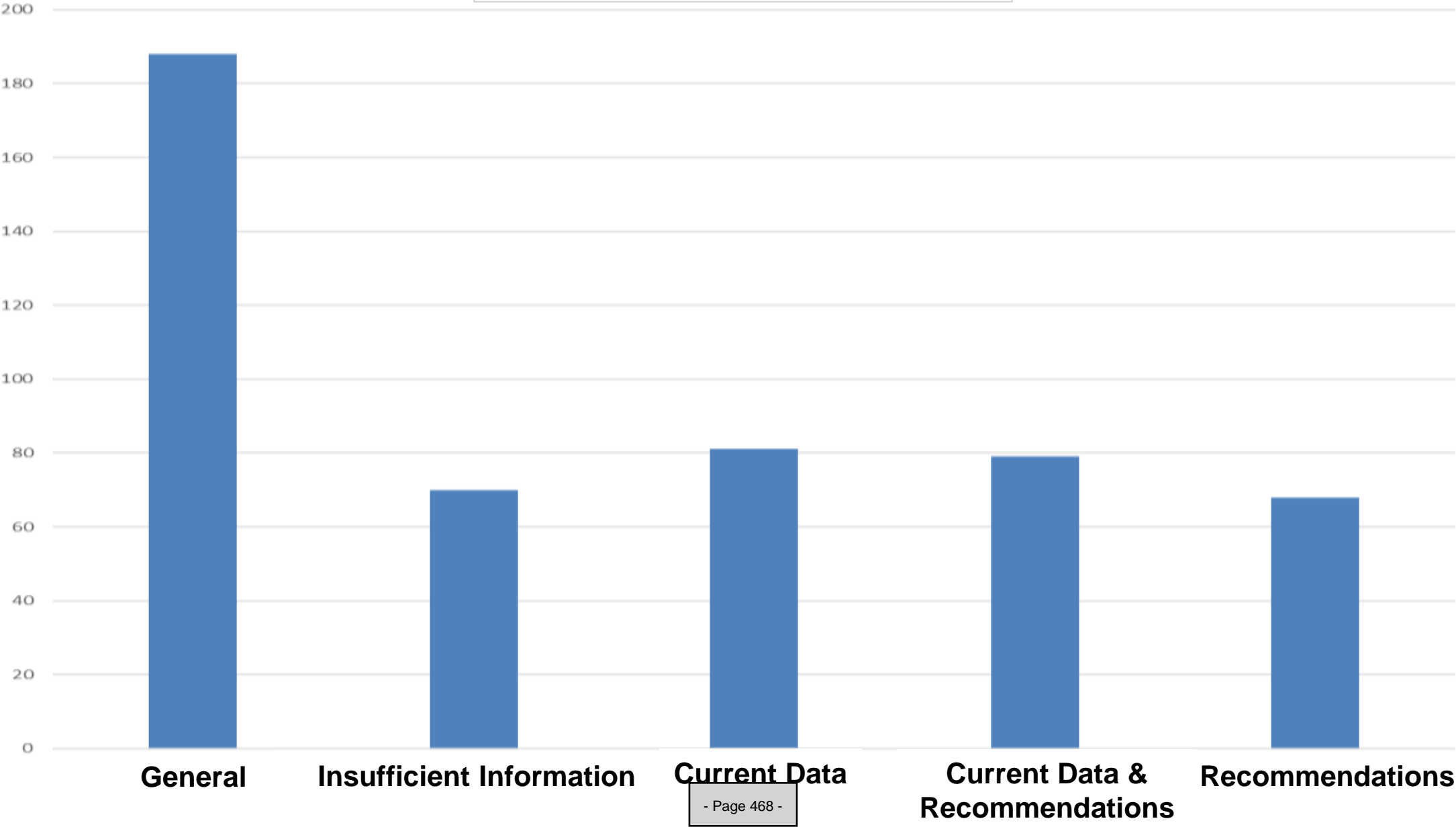
# Employee Appeals Analysis

## Requests for Correction

<b>Total Appeals Submitted</b>	<b>476</b>
General Government	260
Public Safety	216
Appeals submitted with Insufficient Information; no request to change anything	75
<b>Appeals requesting corrections and new recommendations</b>	<b>230</b>
Appeals requesting <u>current employee information to be corrected</u> (i.e., hire date, class date, job title)	80
Appeals requesting <u>current data evaluation</u> and <u>requesting different recommendation</u>	80
Appeals requesting <u>new recommendation</u> , (e.g., change job title, base pay)	70
<b>One-half of appeals in “General” category</b>	<b>238 or one-half</b>

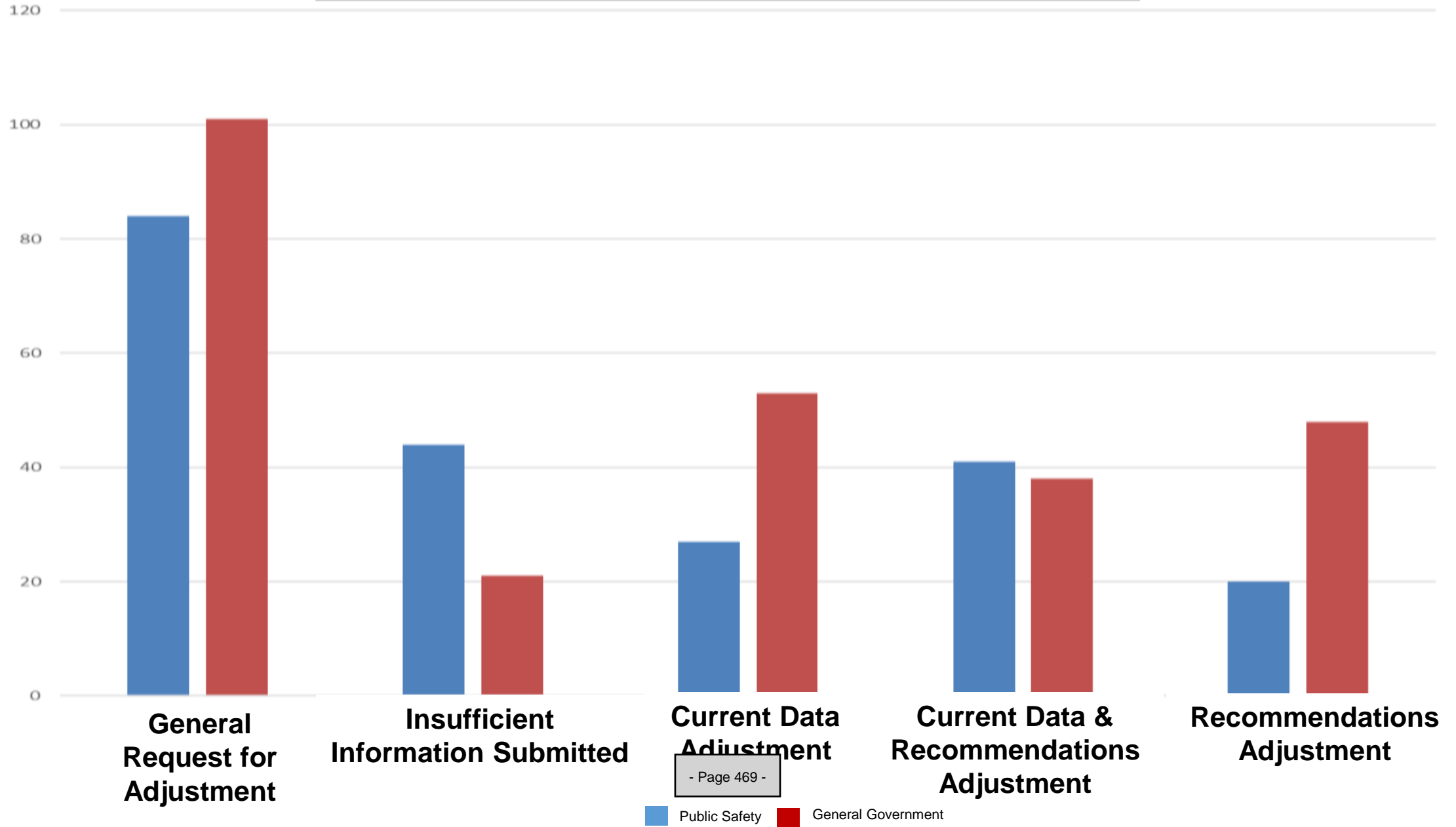
# CCG Appeal Types

Item #D.



# CCG Appeal Types: PS or GG

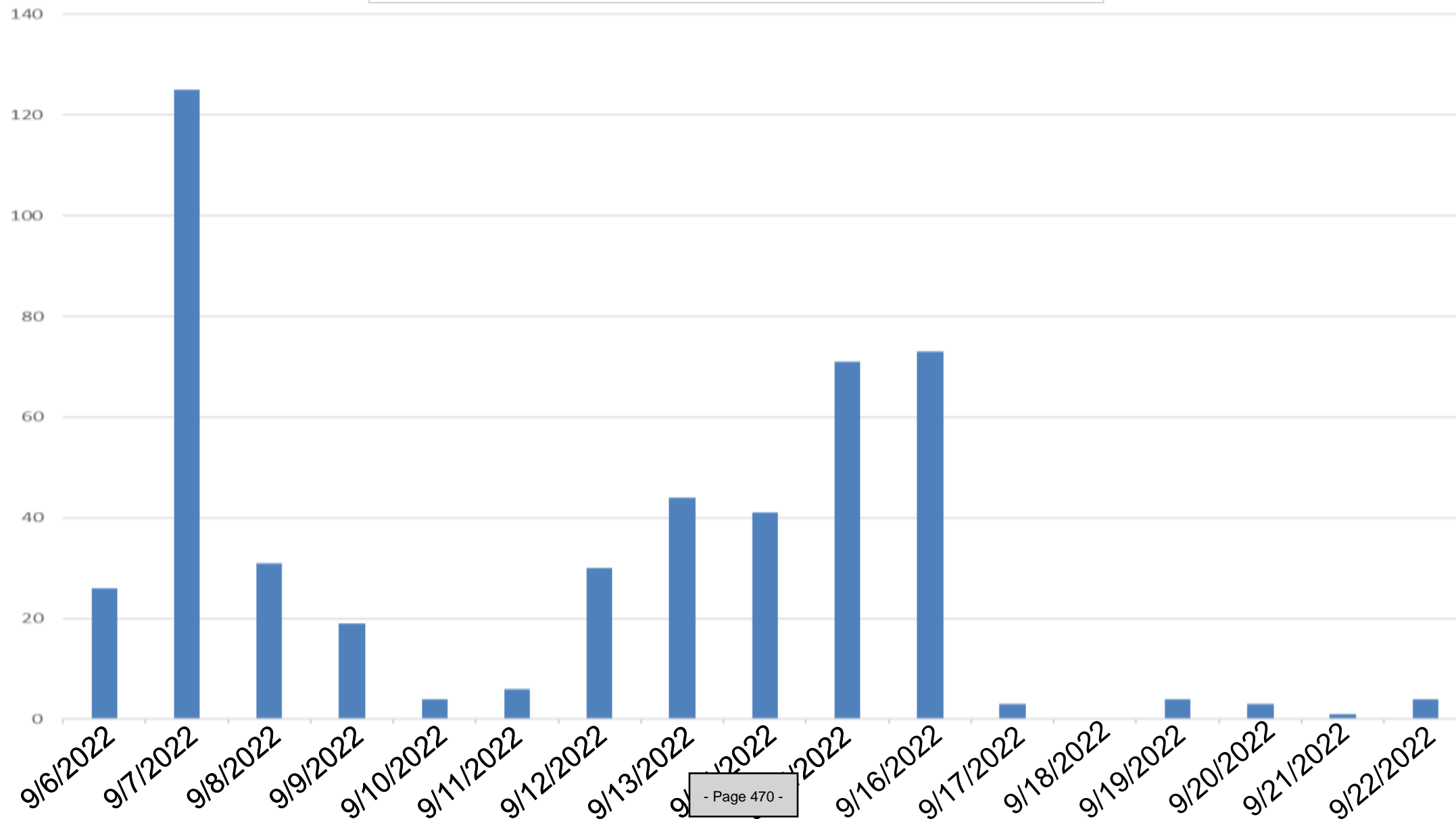
Item #D.





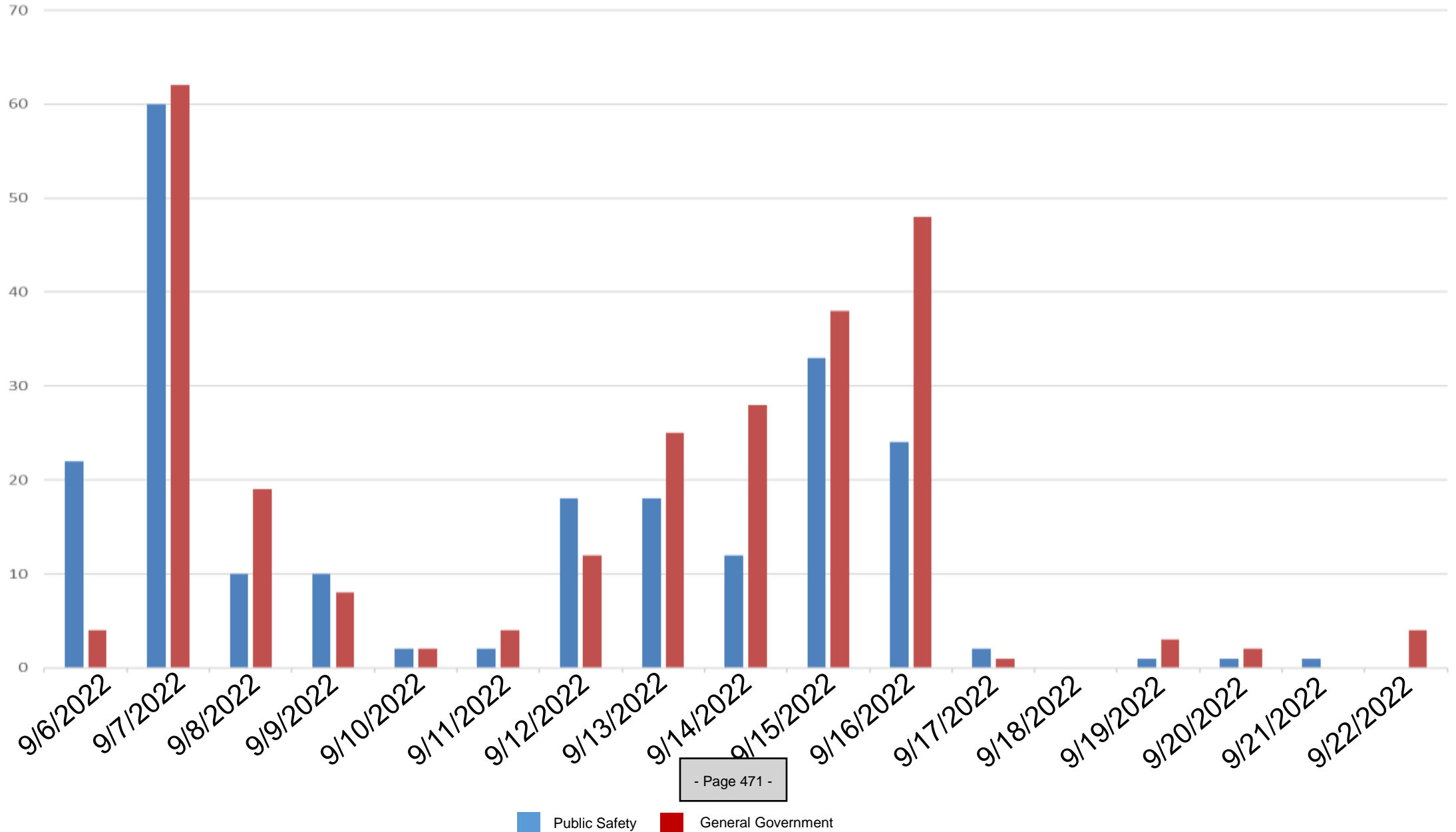
# CCG Appeal Submissions

Item #D.



# Appeal Submissions: PS or GG

Item #D.



# “General” Appeals Review

- Requesting change in the Class Parity methodology
- Requesting more money because of inflation
- Requesting position to be evaluated again
- Requesting a different pay grade assignment because of additional job duties
- Requesting additional pay, current 6% raise does not adequately account for inflation
- Requesting additional pay adjustment because he is experiencing compression in his position (PS employee)
- Appealing because Class Date was used and not Hire Date.
- Appealing because raises over the past 10 years are not enough to keep up with cost of living in the area
- Requesting adjustment based on Hire Date rather than Class Date
- Requesting clarification on how they were placed on the step chart and how their step was recommended. Want more information

# Public Safety Education Incentive

## Review and Analysis

Item #D.

- Public Safety sworn personnel who acquired bachelor or master degree prior to implementation of UGA Pay Plan – June 2006\*
- Degree incentive was added to employee's base salary
- Employee received 5% for bachelor and 5% for master degree
- In new Pay Plan study and analysis, education incentive was part of employee's base pay
- Employees who receive a bachelor or master degree after 2006 receive \$1200/bachelor and \$1200/master - separate pay line added to base pay
- Review and cost analysis in progress

*\*May be up to 2008*

# Summary

## Appeals Process On-going

- 476 Appeals received
- Review Appeals
- Appeal Recommendations
- Respond to Appeals
- 2 to 3 week process

## Implementation Action Plan

- Clean Personnel Data File
  - Update all employee records
  - Add new hires/delete separations
- Develop new pay charts
- Develop new Position Allocation List
- Audit Personnel Data File
- Develop new Job Descriptions for all positions
- Test ADA, FLSA, EEOC Compliance
- Training for HR and other Personnel
- Run Payroll Tests



# Reminder

- As of September 13, 2022, Administration is proceeding with steps to implement the new Pay Plan
- Once implementation steps are completed, a resolution will be presented to Council to move forward with an implementation date
- A “No-Go” Council vote requires a de-implementation process
  - No “flip the switch” button
  - Update all employee records (re-enter old pay data, job title, etc. for all employees)
  - Audit all employee data
  - Run test payrolls
  - May take up to 90 days

**File Attachments for Item:**

**September 28, 2022**

**PI 0011436 – Muscogee County Buena Vista Road Improvements at Spiderweb-Phase II – RFB No. 23-0005**

**Scope of Bid**

Phase II of the Buena Vista Road Improvements at the Spiderweb includes the construction of two (2) bridges, one (1) of which requires Norfolk southern permitting; construction of a roundabout at Illges Road and Ace Way Drive; construction of Buena Vista Road east of the intersection with Annette Avenue, Martin Luther King, Jr. Boulevard north of Brewer Elementary School, Illges Road, Lindsay Drive, Andrews Road, Morris Road and Ace Way Drive, as well as the installation of traffic signals.

Utilities were relocated in Phase I of the project. The Annette Avenue roundabout at Martin Luther King, Jr. Boulevard and Annette Avenue were constructed in Phase I.

**Roofing Services at Edgewood Senior Center – RFB No. 23-0007**

**Scope of Bid**

Provide all labor, equipment, and materials to remove the existing roof at the Edgewood Senior Center and replace with a thermoplastic polyolefin (TPO) roof system, in full compliance with the project manual.

**Fox Senior Center Wall and Roof Project – RFB No. 23-0008**

**Scope of Bid**

Provide all labor, equipment, and materials to repair the designated roof and walls, in full compliance with the project manual, at Fox Senior Center.

**Exterior Wall Renovation at 29th Street Gym – RFB No. 23-0009**

**Scope of Bid**

Provide all labor, equipment, and materials to repair the designated walls, in full compliance with the project manual, at the 29th Street Gym.

### **Public Safety Building Deck and Wall Restoration – RFB No. 23-0010**

#### **Scope of Bid**

Provide all labor, equipment, and materials to repair the designated deck and walls, in full compliance with the project manual, at the Public Safety Building.

### **Bus Shelters (Annual Contract) – RFB No. 23-0011**

#### **Scope of Bid**

The Columbus Consolidated Government of Columbus, Georgia (the City) is seeking qualified vendors to provide bus shelters to METRA on an “as needed” basis. The contract term will be for three years.

### **4’ Swing Benches for METRA Transfer Center – PQ No. 23-0004**

#### **Scope of PQ**

The Columbus Consolidated Government (the City) is seeking quotes from qualified vendors to provide four (4) swing benches (complete sets) of commercial grade metal, for outdoor use at the Department of Transportation/METRA Transfer Center.

### **September 30, 2022**

### **Security Surveillance & Security Access Equipment (Annual Contract) – RFP No. 23-0002**

#### **Scope of RFP**

**It is the intent of Columbus Consolidated Government (the City) to enter into a contractual agreement with a qualified contractor for the provision and maintenance services of security surveillance and security access equipment for various locations of the Columbus Consolidated Government.**

**The contract term shall be for two (2) years with the option to renew for three (3) additional twelve-month periods.** Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

### **October 5, 2022**

### **1. Drill Field Maintenance and Inspections for Fire & EMS Department (Annual Contract)**

## **RFB No. 23-0014**

### **Scope of RFB**

It is the intent of the Columbus Consolidated Government (the City) to secure an annual contract with a vendor to provide drill field maintenance and inspections. The contract period will be for two (2) years with the option to renew for three (3) additional twelve-month periods.

Upon notification by Columbus Fire and EMS, the successful vendor shall provide **preventive maintenance services, semi-annual inspections, and equipment repairs for the department drill field burn tower located at 4191 Macon Road, (behind Station 9 at 3601-3773 Giddens Road) Columbus, GA 31907 to include the natural gas ignition system.**

## **October 7, 2022**

### **Architectural & Engineering Services (Annual Contract) – RFP No. 23-0007**

#### **Scope of RFP**

Columbus Consolidated Government is requesting proposals from qualified firms to provide professional architectural and engineering services on an as-needed basis for various construction projects.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

### **Roofing Consulting Services (Annual Contract) – RFP No. 23-0008**

#### **Scope of RFP**

Provide complete roofing consulting services, on an as-needed basis, for individual buildings. Columbus Consolidated Government owns buildings consisting of approximately 60 buildup roofs, 40 metal roofs and 75 shingle roofs; however, services may not be required for all the buildings.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors

**October 19, 2022**

**Confiscated Firearms for Credit or Swap – RFB No. 23-0003**

**Scope of Bid**

The Columbus Consolidated Government (the City) is offering confiscated firearms for sale to a licensed firearms dealer who can issue a credit to purchase or swap for Rock River LE2020M rifles with accessories.



**DATE:** September 27, 2022

**TO:** Mayor and Councilors

**FROM:** Finance Department

**SUBJECT:** Advertised Bids/RFPs/RFQs

**September 28, 2022**

**1. PI 0011436 – Muscogee County Buena Vista Road Improvements at Spiderweb-Phase II – RFB No. 23-0005**

Scope of Bid

Phase II of the Buena Vista Road Improvements at the Spiderweb includes the construction of two (2) bridges, one (1) of which requires Norfolk southern permitting; construction of a roundabout at Illges Road and Ace Way Drive; construction of Buena Vista Road east of the intersection with Annette Avenue, Martin Luther King, Jr. Boulevard north of Brewer Elementary School, Illges Road, Lindsay Drive, Andrews Road, Morris Road and Ace Way Drive, as well as the installation of traffic signals.

Utilities were relocated in Phase I of the project. The Annette Avenue roundabout at Martin Luther King, Jr. Boulevard and Annette Avenue were constructed in Phase I.

**2. Roofing Services at Edgewood Senior Center – RFB No. 23-0007**

Scope of Bid

Provide all labor, equipment, and materials to remove the existing roof at the Edgewood Senior Center and replace with a thermoplastic polyolefin (TPO) roof system, in full compliance with the project manual.

**3. Fox Senior Center Wall and Roof Project – RFB No. 23-0008**

Scope of Bid

Provide all labor, equipment, and materials to repair the designated roof and walls, in full compliance with the project manual, at Fox Senior Center.

**4. Exterior Wall Renovation at 29<sup>th</sup> Street Gym – RFB No. 23-0009**

Scope of Bid

Provide all labor, equipment, and materials to repair the designated walls, in full compliance with the project manual, at the 29<sup>th</sup> Street Gym.

**5. Public Safety Building Deck and Wall Restoration – RFB No. 23-0010**

Scope of Bid

Provide all labor, equipment, and materials to repair the designated deck and walls, in full compliance with the project manual, at the Public Safety Building.

**6. Bus Shelters (Annual Contract) – RFB No. 23-0011**

Scope of Bid

The Columbus Consolidated Government of Columbus, Georgia (the City) is seeking qualified vendors to provide bus shelters to METRA on an “as needed” basis. The contract term will be for three years.

**7. 4’ Swing Benches for METRA Transfer Center – PQ No. 23-0004**

**Scope of PQ**

The Columbus Consolidated Government (the City) is seeking quotes from qualified vendors to provide four (4) swing benches (complete sets) of commercial grade metal, for outdoor use at the Department of Transportation/METRA Transfer Center.

**September 30, 2022**

**1. Security Surveillance & Security Access Equipment (Annual Contract) – RFP No. 23-0002**

**Scope of RFP**

It is the intent of Columbus Consolidated Government (the City) to enter into a contractual agreement with a qualified contractor for the provision and maintenance services of security surveillance and security access equipment for various locations of the Columbus Consolidated Government.

The contract term shall be for two (2) years with the option to renew for three (3) additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

**October 5, 2022**

**1. Drill Field Maintenance and Inspections for Fire & EMS Department (Annual Contract)  
**RFB No. 23-0014****

**Scope of RFB**

It is the intent of the Columbus Consolidated Government (the City) to secure an annual contract with a vendor to provide drill field maintenance and inspections. The contract period will be for two (2) years with the option to renew for three (3) additional twelve-month periods.

Upon notification by Columbus Fire and EMS, the successful vendor shall provide preventive maintenance services, semi-annual inspections, and equipment repairs for the department drill field burn tower located at 4191 Macon Road, (behind Station 9 at 3601-3773 Giddens Road) Columbus, GA 31907 to include the natural gas ignition system.

**October 7, 2022**

**1. Architectural & Engineering Services (Annual Contract) – RFP No. 23-0007**

**Scope of RFP**

Columbus Consolidated Government is requesting proposals from qualified firms to provide professional architectural and engineering services on an as-needed basis for various construction projects.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors.

**2. Roofing Consulting Services (Annual Contract) – RFP No. 23-0008**

**Scope of RFP**

Provide complete roofing consulting services, on an as-needed basis, for individual buildings. Columbus Consolidated Government owns buildings consisting of approximately 60 buildup roofs, 40 metal roofs and 75 shingle roofs; however, services may not be required for all the buildings.

The contract term shall be for two years with the option to renew for three additional twelve-month periods. Contract renewal shall be contingent upon the mutual agreement of the City and the Contractors

**October 19, 2022**

**1. Confiscated Firearms for Credit or Swap – RFB No. 23-0003**

**Scope of Bid**

The Columbus Consolidated Government (the City) is offering confiscated firearms for sale to a licensed firearms dealer who can issue a credit to purchase or swap for Rock River LE2020M rifles with accessories.

**File Attachments for Item:**

**1. Minutes of the following boards:**

Animal Control Advisory Board, June 23, 2022

Board of Tax Assessors, #27-22

Board of Zoning Appeals, August 2, 2022

Planning Advisory Commission, August 17, 2022

Tree Board, August 22, 2022

Columbus Consolidated Government  
Minutes of the Quarterly Meeting of the Animal Control Advisory Board

June 23, 2022

5:30 pm

**Location of Meeting:**

Public Works Driver's Training Room

602 – 11<sup>th</sup> Avenue Bldg E

Columbus, GA, 31901

**Present at Meeting:**

Contreana Pearson

Jayne Dunn

Sabine Stull, Chairperson

Raymond Culpepper

Kristi Ludy

Channon Emery

Drale Short

Dr. Jean Waguesack

Courtney Pierce

Julee Fryer

Patricia Montgomery

**Speaker:**

Anna Claire Daniels

**Absent from Meeting:**

Dr. Scott McDermott

The quarterly meeting of the Animal Control Advisory Board of Columbus Consolidated Government was called to order at 6:09 pm on Thursday, June 23, 2022, by the chairperson Sabine Stull.

Approval of the minutes from virtual board meeting on **03/08/2022**; Sabine Stull made a motion to approve the minutes and Patricia Montgomery second the motion. **\*\*\*ACTION TAKEN: ALL VOTING MEMBERS PRESENT APPROVAL MINUTES FROM BOARD MEETING 03.08.22**



The Board voted to have a Vice Chairperson for the board. Jayne Dunn motioned and Patricia Montgomery second the motion for Julee Fryer to be Vice Chairman of the Animal Control Advisory Board. **\*\*\*ACTION TAKEN: ALL VOTING MEMBERS PRESENT APPROVAL FOR JULEE FRYER VICE CHAIRPERSON OF THE ANIMAL CONTROL ADVISORY BOARD.**

## Agenda Items

### 1. Anna Claire-Daniels Approved Speaker

Ms. Daniel was concerned on how Animal Control handles follow ups after a cruelty report from citizens. Contreana Pearson stated protocol usually is to educate citizens and give a warning to fix the problem depending on the type of cruelty. Animal Control Officers give referrals to PAWS for 'pets for life' assistance. Ms. Daniels stated dog was continually reported to Animal Control. Ms. Pearson replied, the party was cited twice for the improper tethering, given a doghouse and correct tethering system. Protocol is if a violation is continual a citation is given to the party. Ms. Daniels feels the city can do better. Contreana Pearson stated the cruelty fines have been increased within Environmental Court by Judge Henderson and feels it is going in a better direction. Patricia Montgomery suggested she would write something up for habitual offenders of cruelty offenses as their fines should become substantial. Sabine gave a donation of 10 dog houses from her old business location.

### 2. Questions Board Member – Medical Question

Channon Emery inquired if Animal Control has flea and tick preventative, and deworming treatment is being implemented. Contreana Pearson stated yes flea preventatives are in place and no standard protocol of deworming treatment has been implemented. Patricia Montgomery suggested creating a volunteer tier for allowing volunteers more responsibility. Courtney Pierce pointed out other rescues get a lot of the support and Animal Control does not because they are a 'kill shelter'.

### 3. Animal Control Cleaning Assistance

Julee Fryer inquired about a CBI group student from Muscogee County School District assisting with clean up. Drale Short stated she would research the liability aspect and get back with Ms. Fryer. Ms. Pearson stated they must be over 18 years of age and sign all the pertinent documents as do the volunteers. Ms. Pearson also expressed they could not wait until the student arrive because cleaning begins at 6 am to 7 am and must be completed before 12:00 pm opening to the public.

### 4. Budget Overview

Ms. Pearson informed the board the purchase for microchips was requested in the budget for FY 23. She also expressed the adoption trailer was also requested. Julee Fryer stated the animals going out for Offsite Adoptions should be spayed or neutered. Contreana Pearson stated they would try but they cannot guarantee because of the over capacity the Center is

experiencing every day. Raymond Culpeper and Patricia Montgomery committed to walk dogs to PAWS for altering. Patricia Montgomery also stated she would get a donation of microchips from SAINT. Mr. Culpepper and Ms. Fryer expressed the need to keep website pictures updated. Ms. Pearson replied because of staff shortage and an influx in animals coming into the shelter the employees are getting them on as soon as they can.

#### 5. SOP – Standard Operating Procedures Committee – Re-visited

Ms. Pearson stated because of an impending transition for Animal Control the SOP committee was discontinued/disbanded. She requested at least 3 board members to continue or re-start the review. Board member requested open access to the draft by email. Drale Short will review the draft and see if it can be shared to committee established by the board without premature release to public.

The meeting was adjourned at 7:23 pm. The next scheduled quarterly meeting is Tuesday, September 13, 2022, 5:30pm.

C: Clerk of Council, ACAB Members



# Columbus, Georgia, Board of Tax Assessors

## GEORGIA'S FIRST CONSOLIDATED GOVERNMENT

City Services Center  
3111 Citizens Way  
Columbus, GA 31906

Mailing Address:  
PO Box 1340  
Columbus, GA 31902

Telephone (706) 653-4398, 4402  
Fax (706) 225-3800

### Board Members

Jayne Govar  
Chairman

Lanitra Sandifer Hicks  
Assessor

Kathy J. Jones  
Assessor

Todd A. Hammonds  
Assessor

Trey Carmack  
Vice Chairman

Chief Appraiser  
Suzanne Widenhouse

## MINUTES #27-22

**CALL TO ORDER:** Chairman Jayne Govar calls the Columbus, Georgia Board of Assessors' meeting to order on Monday, August 29, 2022, at 9:00 A.M.

### PRESENT ARE:

Chairman Jayne Govar  
Assessor Lanitra Sandifer Hicks  
Assessor Kathy Jones  
Assessor Todd Hammonds  
Chief Appraiser Suzanne Widenhouse  
Recording Secretary Katrina Culpepper

**APPROVAL OF AGENDA:** Assessor Hammonds motions to accept agenda. Assessor Jones seconds and the motion carries.

**APPROVAL OF MINUTES:** Assessor Jones motions to accept Minutes #26-22. Assessor Hammonds seconds and the motion carries.

**MISCELLANEOUS:** Assessor Hammonds motions to excuse absence of Vice Chairman Carmack from today's meeting. Assessor Jones seconds and the motion carries. Chief Appraiser Widenhouse reminds everyone that due to the holiday next week, there will be no BOA meeting.

At 9:05, Personal Property Manager Stacy Pollard presents to the Board:

- A4 Agenda – Signed & Approved.
- NOD – Aircraft, Signed & Approved.

At 9:13, Administrative Manager Leilani Floyd presents to the Board:

- Homesteads Discussion - #089 032 019; 062 016 007; 086 050 005 – Signed & Approved.
- #102 001 068P - Tabled until later meeting.
- #098 016 032 - no signature needed, will continue on to BOE as a no change.
- Discussion of upcoming events

At 10:24, Chairman Jayne Govar adjourns the meeting without any objections.

Suzanne Widenhouse  
Chief Appraiser/Secretary

APPROVED: \_\_\_\_\_

MIN# 28 - 22 SEP 12 2022



J. GOVAR  
CHAIRMAN



L. SANDIFER HICKS  
ASSESSOR



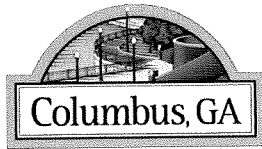
K. JONES  
ASSESSOR



T.A. HAMMONDS  
ASSESSOR



T. CARMACK  
VICE CHAIRMAN



CONSOLIDATED GOVERNMENT  
*What progress has preserved.*  
PLANNING DEPARTMENT

SEP 13 2022  
Planning Advisory Commission  
August 17, 2022

Item #1.

## MINUTES

A meeting of the Planning Advisory Commission was held Wednesday, August 17, 2022, in the Council Chambers of the Citizen Service Center.

### Commissioners Present:

**Chairperson:** Larry Derby  
**Vice Chairperson:** James Dudley  
**Commissioners:** Brad Baker, Ralph King, Gloria Thomas, Xavier McCaskey  
**Virtually:**  
**Absent:** Shelia Brown, Patricia Weekley

**Staff Members:** John Renfroe, Principal Planner

### Others Present:

**CALL TO ORDER:** Chairperson called the meeting to order at 9:00 a.m. All in attendance stood for the pledge of allegiance to the American Flag. He explained the rezoning process to the audience.

**APPROVAL OF MINUTES:** Chairperson asked for a motion on the minutes. Chairperson made a motion to submit the minutes as accepted. No changes or additions by other commissioners. Motion carries, minutes accepted.

- 1. REZN-07-22-1372:** A request to rezone 37.90 acres of land located at 8401 / 8421 / 8439 Veterans Pkwy / 2020 Old Guard Road. Current zoning is RE1 (Residential Estate 1) / SFR1 (Single Family Residential 1). Proposed zoning is RO (Residential Office) / GC (General Commercial). The proposed use is Mixed Use Development. Steve Corbett is the applicant. This property is located in Council District 2 (Davis).

John Renfroe reads the staff report:

<b>General Land Use:</b>	Consistent Planning Area A
<b>Current Land Use Designation:</b>	Vacant / Undeveloped
<b>Future Land Use Designation:</b>	Mixed-Use
<b>Compatible with Existing Land-Uses:</b>	Yes



<b>Environmental Impacts:</b>		The property does not lie within the floodway and floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.
<b>City Services:</b>		Property is served by all city services.
<b>Traffic Impact:</b>		Average Annual Daily Trips (AADT) will increase to 8,407 trips up from 2,065 trips if used for mixed-use. The Level of Service (LOS) will remain at level C.
<b>Traffic Engineering:</b>		This site shall meet the Codes and regulations of the Columbus Consolidated Government for mixed-use usage.
<b>School Impact:</b>		N/A
<b>Buffer Requirement:</b>		<p>The site shall include a Category C buffer along all property lines bordered by the SFR1 / RE1 zoning district. The 3 options under Category C are:</p> <ol style="list-style-type: none"> <li>1) <b>20 feet</b> with a certain amount of canopy trees, under story trees, and shrubs / ornamental grasses per 100 linear feet.</li> <li>2) <b>10 feet</b> with a certain amount of shrubs / ornamental grasses per 100 linear feet and a wood fence or masonry wall.</li> <li>3) <b>30 feet</b> undisturbed natural buffer.</li> </ol>
<b>Fort Benning's Recommendation:</b>		N/A
<b>DRI Recommendation:</b>		N/A
<b>Surrounding Zoning:</b>	<b>North</b>	RE1 (Residential Estate 1)
	<b>South</b>	RO (Residential Office) GC (General Commercial) SFR4 (Single Family Residential 1)
	<b>East</b>	SFR1 (Single Family Residential 1) RE1 (Residential Estate 1)
	<b>West</b>	GC (General Commercial) SFR1 (Single Family Residential 1) RE (Residential Estate 1)
<b>Attitude of Property Owners:</b>		<b>Thirty (30)</b> property owners within 300 feet of the

subject properties were notified of the rezoning request. The Planning Department received no calls and/or emails regarding the rezoning.

<b>Approval</b>	<b>0 Responses</b>
<b>Opposition</b>	<b>0 Responses</b>

**Additional Information:** Veterans Parkway Overlay

Chairperson asked if the Commissioners have any questions.

Chandler Riley of 2306 Preston Drive came forward to represent on behalf of the applicant Mr. Steve Corbett. Mr. Riley detailed Mr. Corbett's history as a developer in the Columbus area. Mr. Riley also stated that Moon Meeks and Mason completed the surveying work for this project and Wilburn and Pauldino completed the traffic study.

Mr. Riley showed the board a copy of the proposed site plan and explained the need for the proposed rezoning to construct a multifamily development. He also explained the complementary development in the area, compatible land uses in the surrounding area and that the property is indicated as mixed use on the future land use map.

Mr. Riley showed renderings of the proposed development including buildings, landscaping and other amenities; he also stated the development would screen applicants for criminal history. Mr. Riley explained the proposed commercial development on the property along Veterans Parkway. He also stated the development would adhere to required buffers. The proposed development would have less density than allowed under a RO designation; this development would have 196 units.

Mr. Riley said the traffic study concluded that there would be no noticeable increase in any delay times and that the level of service would remain the same for all surrounding roads and intersections. He stated the 3 schools nearby and explained the developer plans to have a network of sidewalks. He stated the city will not have to make any additional investment to provide utility services.

Mr. Riley stated Mr. Corbett met with neighbors in the area prior to submission of the rezoning application. Mr. Riley stated the positive impacts of the development including construction jobs, an increase in the tax base and increased consumption related taxes. Mr. Riley reiterated the benefits and appropriateness of the rezoning in closing and took questions from commissioners.

Commissioner King asked Mr. Riley if the exit to Veterans parkway will line up with the entrance to Lullwater Apartments; Mr. Riley indicated it would. Mr. Dudley thanked the applicant for doing the traffic study but questioned Mr. Riley's statements that the study said there would be no noticeable increase in any delay times and that the level of service would remain the same

for all surrounding roads and intersections. He noted that the study found that the level of service for cars turning left off of Lullwater would go from D to E during peak hours and that one of the driveways out of Old Guard Road would be at level of service F during morning peak hours. Mr. Dudley also stated the study did not take into account a recently rezoned property that will have additional residential development.

Mr. Riley explained the developer anticipated traffic concerns, spent money ahead of time to have a traffic study done and modified egress points for the development to ameliorate traffic impacts while still allowing public safety easy access. The developer plans to have the main traffic come off Veterans parkway and not Old Guard Road. Commissioner Dudley asked staff if there is a light on the intersection of Veterans and Lullwater; Mr. Renfroe indicated there is not and it is a GDOT decision to place lights on intersections.

Commissioner Dudley asked for comment from staff on the Old Guard driveway that will fall to service level F; Mr. Renfroe indicated it is the worst service level but not surprising and that many areas around schools fall to service level F at certain peak times. Mr. Renfroe also noted that traffic congestion on Old Guard Road probably was going to be a little bit worse than projected based on the developments that were recently approved at the end of Old Guard Road

Chairperson asked if anyone in the audience would like to speak against or in favor of this rezoning? No one came forward.

Commissioner King moved to approve the proposed rezoning as presented with conditions and Commissioner Baker seconded; Case passes (4-1 Physical / 0-0 Virtual), Commissioner Dudley in dissent.

**2. REZN-07-22-1374:** A request to rezone 2.30 acres of land located at 1310 13<sup>th</sup> Avenue / 1315 Delauney Avenue. Current zoning is NC (Neighborhood Commercial). Proposed zoning is GC (General Commercial). The proposed use is Commercial. Ernie Smallman is the applicant. This property is located in Council District 7 (Woodson).

John Renfroe reads the staff report:

<b>General Land Use:</b>	Consistent Planning Area D
<b>Current Land Use Designation:</b>	Commercial
<b>Future Land Use Designation:</b>	Mixed-Use
<b>Compatible with Existing Land-Uses:</b>	Yes
<b>Environmental Impacts:</b>	The property does not lie within the floodway and floodplain area. The developer will need an

approved drainage plan prior to issuance of a Site Development permit, if a permit is required.

**City Services:**

Property is served by all city services.

**Traffic Impact:**

Average Annual Daily Trips (AADT) will increase to 272 trips up from 214 if used for commercial use. The Level of Service (LOS) will remain at level C.

**Traffic Engineering:**

This site shall meet the Codes and regulations of the Columbus Consolidated Government for commercial usage.

**School Impact:**

N/A

**Buffer Requirement:**

N/A

**Fort Benning's Recommendation:**

N/A

**DRI Recommendation:**

N/A

**Surrounding Zoning:**

**North**  
**South**  
**East**  
**West**

GC (General Commercial)  
NC (Neighborhood Commercial)  
NC (Neighborhood Commercial)  
NC (Neighborhood Commercial)

**Attitude of Property Owners:**

**Thirty (30)** property owners within 300 feet of the subject properties were notified of the rezoning request. The Planning Department received no calls and/or emails regarding the rezoning.

**Approval**  
**Opposition**

**0 Responses**  
**0 Responses**

**Additional Information:**

N/A

Chairperson asked if the Commissioners have any questions.

Commissioner Dudley made note of an error in the addressing of the proposed rezoning; Mr. Renfroe indicated any ordinance would utilize the parcel ID and would not cause problems moving forward.

Ernie Smallman, applicant of 6 W 7<sup>th</sup> St, came forward to represent the application. Mr. Smallman explained the history of the building and the need for the flexibility granted by a GC zoning designation.

Chairperson asked if anyone in the audience would like to speak against or in favor of this rezoning? No one came forward.

Commissioner McCaskey moved to approve the proposed rezoning as presented with conditions and Commissioner Thomas seconded; Case passes unanimously (5-0 Physical / 0-0 Virtual).

**3. REZN-07-22-1377:** A request to rezone 2.83 acres of land located at 3408 5<sup>th</sup> Avenue. Current zoning is RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2). Proposed zoning is RMF2 (Residential Multifamily 2). The proposed use is Places of Worship. Highland Community Church is the applicant. This property is located in Council District 8 (Garrett).

John Renfroe reads the staff report:

<b>General Land Use:</b>	Consistent Planning Area F
<b>Current Land Use Designation:</b>	Public / Institutional
<b>Future Land Use Designation:</b>	Single Family Residential
<b>Compatible with Existing Land-Uses:</b>	Yes
<b>Environmental Impacts:</b>	The property does not lie within the floodway and floodplain area. The developer will need an approved drainage plan prior to issuance of a Site Development permit, if a permit is required.
<b>City Services:</b>	Property is served by all city services.
<b>Traffic Impact:</b>	Average Annual Daily Trips (AADT) will increase to 527 trips up from 168 trips if used for commercial use. The Level of Service (LOS) will remain at level A.
<b>Traffic Engineering:</b>	This site shall meet the Codes and regulations of the Columbus Consolidated Government for commercial usage.
<b>School Impact:</b>	N/A
<b>Buffer Requirement:</b>	N/A
<b>Fort Benning's Recommendation:</b>	N/A



**DRI Recommendation:** N/A

<b>Surrounding Zoning:</b>	<b>North</b>	RMF1 (Residential Multifamily 1) RMF2 (Residential Multifamily 2)
	<b>South</b>	RMF1 (Residential Multifamily 1) RMF2 (Residential Multifamily 2)
	<b>East</b>	RMF1 (Residential Multifamily 1) NC (Neighborhood Commercial)
	<b>West</b>	RMF1 (Residential Multifamily 1) GC (General Commercial)

**Attitude of Property Owners:** **One hundred (100)** property owners within 300 feet of the subject properties were notified of the rezoning request. The Planning Department received no calls and/or emails regarding the rezoning.

<b>Approval</b>	<b>0 Responses</b>
<b>Opposition</b>	<b>0 Responses</b>

**Additional Information:** Federal Opportunity Zone

Chairperson asked if the Commissioners have any questions.

Rod Strickland, pastor of Highland Community Church, came forward to represent the application.

Commissioner Baker stated the Highland Community Church serves the community well in their mission.

Chairperson asked if anyone in the audience would like to speak against or in favor of this rezoning? No one came forward.

Commissioner Baker moved to approve the proposed rezoning as presented with conditions and Commissioner McCaskey seconded; Case passes unanimously (5-0 Physical / 0-0 Virtual).

**4. EXCP-07-22-1378:** A request for special exception at 3408 5<sup>th</sup> Avenue. Current zoning is RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2). The proposed use is Places of Worship, 250 or more seats. Highland Community Church is the applicant. This property is located in Council District 8 (Garrett).

John Renfroe reads the staff report:

**Subject: (EXCP-07-22-1378) Special Exception Use request to allow for a Places of Worship, 250 or more seats located at 3408 5<sup>th</sup> Avenue, Columbus, Georgia 31904.**

**Places of Worship, 250 or more seats**

Highland Community Church has submitted an application for the Special Exception Use cited above. The property is located in a RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2) zoning district. The site for the proposed Places of Worship, 250 or more seats located at 3480 5<sup>th</sup> Avenue. The purpose of the Special Exception Use is to allow for the operation of a Places of Worship, 250 or more seats located within the RMF2 (Residential Multifamily 2) zoning district:

**(1) Access: Is or will the type of street providing access to the use be adequate to serve the proposed special exception use?**

35<sup>th</sup> Street is a local road. 5<sup>th</sup> Avenue is a local road. 6<sup>th</sup> Avenue is a local road. These roads will provide adequate free flow movement.

**(2) Traffic and Pedestrian Safety : Is or will access into and out of the property be adequate to provide for traffic and pedestrian safety, the anticipated volume of the traffic flow, and access by emergency vehicles?**

Access into and out of the property in question will provide for adequate traffic and pedestrian safety and emergency access.

**(3) Adequacy of Public Facilities: Are or will public facilities such as school, water, or sewer utilities and police and fire protection be adequate to serve the special exception use?**

Services such as water, utilities, police, and fire protection are adequate.

**(4) Protection from Adverse Affects: Are or will refuse, service, parking and loading areas on the property be located or screened to protect other properties in the area from such adverse effects as noise, light, glare or odor?**

The property is surrounded by RMF1 (Residential Multifamily 1) / RMF2 (Residential Multifamily 2). Noise, light, flare and odor should be limited due to the nature of the business.

**(5) Hours of Operation: Will the hours and manner of operation of the special exception use have no adverse effects on other properties in the area?**

The hours of operation for this use will not have an adverse impact on the neighboring properties in the area.

**(6) Compatibility: Will the height, size, or location of the buildings or other structures on the property be compatible with the height, size, character, or location of buildings or other structures on neighboring properties?**

This structures height, size and location should match the uses found in other RMF2

(Residential Multifamily 2) properties.

**Council District:** District 8 (Garrett)

**One Hundred (100)** property owners within 300 feet of the property have been notified by mail of the proposed Special Exception Use. The Planning Department received no calls and/or emails regarding the rezoning.

**Approval:** 0 Responses

**Opposition:** 0 Responses

**Additional Information:** N/A

Chairperson asked if the Commissioners have any questions.

Rod Strickland, pastor of Highland Community Church, came forward to represent the application.

Chairperson asked if anyone in the audience would like to speak against or in favor of this rezoning? No one came forward.

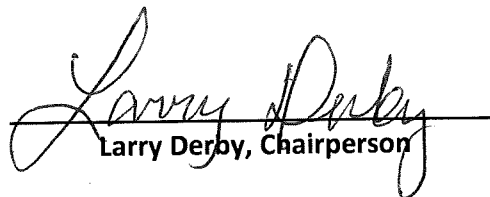
Commissioner King moved to approve the proposed rezoning as presented with conditions and Commissioner Baker seconded; Case passes unanimously (5-0 Physical / 0-0 Virtual).

**NEW BUSINESS:** None

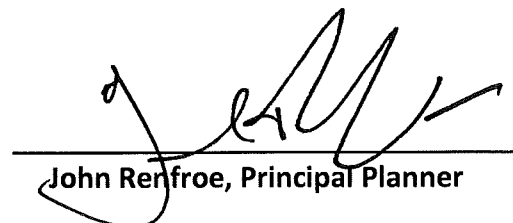
**OLD BUSINESS:** None

**ADJOURNMENT:** 9:31 AM

**RECORDING:**



Larry Derby, Chairperson



John Renfro, Principal Planner

Board Members Present Were: Al Hayes, Kathleen Mullins, Doug Jefcoat, Tomeika Farley, Shaun Roberts

City Personnel Present Were: Fred Cobb, Jazmine Scott, Eric Gaunser, Trey Wilkerson

Meeting Called to Order: 2:00pm

First order of business to approve minutes from July 6th hearing. Roberts made motion to approve minutes. Seconded by Mullins. Minutes approved.

**BZA-06-22-001194**

710 Center Street

Ryan Davis of Moon Meeks & Associates requesting variance for hospital parking lot, advise work is minimal, requesting to reduce parking space depth in 90 degree parking from 20ft to 18ft.

CASE DECISIONS: Jefcoat made a motion to approve the request for the variance because the request is basically keeping the parking lot as it is. Seconded by Farley. Motion carries as approved.

**BZA-07-22-001224**

1844 Bunker Hill Rd

Michael & Debra Brown presents to request a variance to build a carport on the side of his house. Wants to use metal, and include a drain spout to divert rain towards the street. Mullins states the neighbors have done the same thing. No oppositions. Next door neighbors to the right present advise permission was granted.

CASE DECISIONS: Roberts made a motion to approve. Seconded by Farley. Motion carries as approved.

**BZA-07-22-001365 / BZA-07-22-001366**

108 5<sup>th</sup> Street/106 5<sup>th</sup> Street

Bob Paskin (real estate agent) present state that his client Rudolph (Rudy) Weisz is active duty military and has all ready moved on to next duty station. Previously properties were listed for sale and recently sub divided from one lot to two. Two different parcels and two different loans, once ready to sell two year later both get listed separately. The small house (108) the

September 7, 2022

lender did not approve the loan for the buyer because a blurb was added to the appraisal read ..property can not be rebuilt if destroyed by fire or natural disaster. Paskin contact Fred requesting that if property was destroyed by a fire that the same footprint could be built. Buyer still wants to buy the house. Paskin wants variance to allow reconstruction of existing structure in case of damage. Jefcoat question if both cases have the same request. Hayes ask if houses can be sold as is. Farley ask if houses can be insured, Paskin adv that properties can be insured just that properties can not be rebuilt. Jefcoat adv that in 1993 that lot 101 was separately platted, 2017 lot 101 and 102 were combined to one lot. 2020 replated again and went back to the 20.6ft width. Questions from Kathy Evers lives in historic district, adv that houses are shoulder to shoulder and wants to know why the verbiage is needed. Evers wants to rein iterate that properties in the refined in historic district properties can be rebuilt on the footprint. Fred that if more than 50% damage would have to meet the current UDO, setbacks would apply. Fred adv for verbiage to change that has to go through the UDO. Ever adv that they are asking for a blanket to protect future requests. Trey Wilkinson from planning d(BHAR) explain that properties must meet the requirements in order to be rebuilt.

Residing neighbor Gary Kirkman? in district request for board to deny variance, adv that on the map present that because if it passed every house does not fit the requirement, ask to deny to the request. Fred adv that every homeowner has to request a variance. Hayes addresses that the ruling on the case has no effect on anyone else, adv that every person would still have to come before board for request if needed to rebuild. Adv that board is not ruling on zoning, just setbacks. First owner of property present (architect) addresses board says that existing building code should be 50%, Fred adv that it is 50%. Mullins adv that board has no control of appraisals. Roberts asked why in 2017 was the replat an issue. Trey addresses board on background on replat. In 2017 the property was replat to one lot with two structures on it May 2020 lot was replated back into two separates lots, the lot width minimum was missed in the planning department, adv that it was created in error. Fred adv that it missed a step and was approved without meeting the requirements. Fred adv that he will need to know the exact measurement of the original property.

Doris Bishop lives in historic district speaks of concern the process was not followed in 2020 and concerned that it will not happen again. Mullins adv that if case is approved it is only case by case adv that this is not a blanket for the entire district.

Julia Ells addresses board; says she feels like the city is trying to cover up another mistake. Adv that we should follow the process.

Paskin re-addresses the board and adv that measurements are less than 2ft, adv that nothing is closer than what it already is. Chairman Hayes adv again that board is only ruling on the two pieces of property. Chairman Hayes adv that applicant options are for the board to vote yes or no, or table it and go back for the exact numbers. Adv that board can vote, and if voted no the option is to take the matter to city council for appeal. Adv that cannot request another variance until after a year. Fred adv that he would need the numbers by the 10<sup>th</sup> of August to make next



BZA September 2022

September 7, 2022

hearing. Chairman Hayes asked applicant if he wants board to table it. Applicant requests to have board table decision until next meeting.

CASE DECISION: Farley made motion to table decision. Seconded by Roberts. No opposition. Motion made to table decision.

Meeting Adjourned at 3:10pm.

Columbus Tree Board Meeting  
August 22, 2022  
Location: Zoom Meeting

Attending: Kristin Youngquist, Beautie Moore, Lisa Thomas-Cutts, Eric Gansauer and Catherine Trotter

**Old Business:**

Open Positions – Residential and Environmental

- Catherine proposed Morgan Scarbrough, a real estate salesperson who is also connected to residential development.
- Eric proposed Ashley Taylor, formerly with Larry French who is now working at Moon Meeks.
- Each agreed to contact these individuals to see if they are interested in serving on the Tree Board.

**New Business:**

Review of Duties

- Kristin discussed several different areas where reference was made to the Tree Board and its responsibilities. Section 9.2.6 refers to the Tree Board listing appointments, term length, categories of representation, officers, rules, proceedings, quorum, and the creation of a tree master plan.
- Specific references to an annual master plan, variances, ordinances and recommendations to the Arborist, Mayor and Council were also reviewed.

**Master Plan (2004)**

- Kristian has access to this plan in its original format. She intends to convert it to a more current format. She and Eric will review the tree canopy map included in the report and work to update it. Eric's input is also needed on planting recommendations.
- It was suggested that Board members take sections of the report to update. Once the plan is updated it, along with current images, can be used to update the UDO (Unified Development Ordinance – which covers land use and zoning regulations). Eric will email recommendations for the UDO.

**City Arborist Updates**

- Eric reported there have been no applicants for the position openings in his department. He also mentioned if revisions to the Tree Plan or UDO need funding the requests need to be submitted by early April. The budget is usually set by May 1<sup>st</sup>.

The Tree Board will meet again October 24<sup>th</sup> at 2:00 p.m. via Zoom.

**File Attachments for Item:**

**MAYOR'S APPOINTMENTS- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

**COLUMBUS IRONWORKS CONVENTION & TRADE CENTER AUTHORITY:**

**Craig Burgess**- Interested in serving another term *(Mayor's Appointment)*

*Eligible to succeed*

Term Expires: October 24, 2022

*These are three-year terms. Board meets monthly.*

**Women: 2**

**Senatorial District 15: 1**

**Senatorial District 29: 4**

**HOUSING AUTHORITY OF COLUMBUS:**

**Tiffani Stacy**- Interested in serving another term *(Mayor's Appointment)*

(Resident Member)

*Eligible to succeed*

Term Expires: November 16, 2022

*These are five-year terms. Board meets monthly.*

**Women: 3**

**Senatorial District 15: 4**

**Senatorial District 29: 3**

**PUBLIC SAFETY ADVISORY COMMISSION:**

**Pete Temesgen**

*(Mayor's Appointment)*

*Accepted a judgeship*

Term Expires: October 31, 2023

**COUNCIL'S DISTRICT SEAT APPOINTMENT- ANY NOMINATIONS MAY BE  
CONFIRMED FOR THIS MEETING:**

**PUBLIC SAFETY ADVISORY COMMISSION:**

**Bryon Hickey**

**(Council District 1- Barnes)**

*Not eligible to succeed*

Term Expires: October 31, 2022

**Friar Noel Danielewicz**

**(Council District 3- Huff)**

*Seat Declared Vacant*

Term Expires: October 31, 2022

**Donald Watkins**

**(Council District 5- Crabb)**

*Not eligible to succeed*

Term Expires: October 31, 2022

**Lisa Branchcomb**

**(Council District 7- Woodson)**

*Does not desire reappointment*

Term Expires: October 31, 2022

**Scott Taft**

**(Council District 9- Thomas)**

*Eligible to succeed*

Term Expires: October 31, 2022

*These are three-year terms. Board meets monthly.*

**COUNCIL APPOINTMENTS- ANY NOMINATIONS WOULD BE LISTED FOR THE NEXT MEETING:**

**HOSPITAL AUTHORITY OF COLUMBUS:**

**Betty Tatum**

Open for Nominations

*Eligible to succeed*

**(Council's Nomination)**

Term Expires: November 14, 2022

**Susan McKnight**

Open for Nominations

*Eligible to succeed*

**(Council's Nomination)**

Term Expires: November 14, 2022



**Cynthia Williams Jordan**

Open for Nominations

*Eligible to succeed*

**(Council's Nomination)**

Term Expires: November 14, 2022

***\*The Council submits three (3) nominees to the Hospital Authority for each seat and the Hospital Authority selects the successor for Council's confirmation.***

*The terms are three years. Board meets monthly.*

**Columbus Consolidated Government  
Board Appointments – Action Requested**

**2. MAYOR’S APPOINTMENTS- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

**A. COLUMBUS IRONWORKS CONVENTION & TRADE CENTER AUTHORITY:**

**Craig Burgess**- Interested in serving another term *(Mayor’s Appointment)*

*Eligible to succeed*

Term Expires: October 24, 2022

*These are three-year terms. Board meets monthly.*

**Women: 2**

**Senatorial District 15: 1**

**Senatorial District 29: 4**

**B. HOUSING AUTHORITY OF COLUMBUS:**

**Tiffani Stacy**- Interested in serving another term *(Mayor’s Appointment)*

(Resident Member)

*Eligible to succeed*

Term Expires: November 16, 2022

*These are five-year terms. Board meets monthly.*

**Women: 3**

**Senatorial District 15: 4**

**Senatorial District 29: 3**

**C. PUBLIC SAFETY ADVISORY COMMISSION:**

**Pete Temesgen** *(Mayor’s Appointment)*

*Accepted a judgeship*

Term Expires: October 31, 2023

3. **COUNCIL'S DISTRICT SEAT APPOINTMENT- ANY NOMINATIONS MAY BE CONFIRMED FOR THIS MEETING:**

**A. PUBLIC SAFETY ADVISORY COMMISSION:**

**Bryon Hickey**

(Council District 1- Barnes)

*Not eligible to succeed*

Term Expires: October 31, 2022

**Friar Noel Danielewicz**

(Council District 3- Huff)

*Seat Declared Vacant*

Term Expires: October 31, 2022

**Donald Watkins**

(Council District 5- Crabb)

*Not eligible to succeed*

Term Expires: October 31, 2022

**Lisa Branchcomb**

(Council District 7- Woodson)

*Does not desire reappointment*

Term Expires: October 31, 2022

**Scott Taft**

(Council District 9- Thomas)

*Eligible to succeed*

Term Expires: October 31, 2022

*These are three-year terms. Board meets monthly.*

4. **COUNCIL APPOINTMENTS- ANY NOMINATIONS WOULD BE LISTED FOR THE NEXT MEETING:**

**A. HOSPITAL AUTHORITY OF COLUMBUS:**

**Betty Tatum**

Open for Nominations

*Eligible to succeed*

(Council's Nomination)

Term Expires: November 14, 2022

**Susan McKnight***Eligible to succeed*

Term Expires: November 14, 2022

Open for Nominations  
**(Council's Nomination)****Cynthia Williams Jordan***Eligible to succeed*

Term Expires: November 14, 2022

Open for Nominations  
**(Council's Nomination)**

***\*The Council submits three (3) nominees to the Hospital Authority for each seat and the Hospital Authority selects the successor for Council's confirmation.***

*The terms are three years. Board meets monthly.*