



CITY OF NOVI
Administrative ePacket
July 27, 2023

Public Safety (Police/Fire)

Infrastructure (Roads/Water/Sewer)

[Department of Public Works APWA Accreditation - Mikus & Scallions](#)

Economic Development (City Revenue/Job Growth)

[Community Development Report \(April - June 2023\)](#)

Citizen-Focused Government (Shared Services/Customer Services)

[Great Lakes Water Authority Mailer - Phase II of the 14 Mile Transmission Main Loop](#)

[SMART Transit Update - Cardenas](#)

Natural Areas & Features and Community Character (Community that Preserves)

Fiscally Responsible Government (Maintain)

Parks, Recreation & Cultural Services (Enhance Services)

Capital Improvement Program

City Council Only or Confidential

MEMORANDUM



TO: VICTOR CARDENAS, CITY MANAGER
THROUGH: JEFFREY HERCZEG, DIRECTOR OF PUBLIC WORKS
FROM: MEGAN MIKUS, DEPUTY DIRECTOR OF PUBLIC WORKS
WESLEY SCALLIONS, PUBLIC WORKS MANAGER
SUBJECT: APWA ACCREDITATION APPLICATION
DATE: JULY 20, 2023

Mayor and Council –

Our great team at the DPW are off and running to become accredited, similar to their colleagues in Parks, Police and Dispatch.

- Victor

The Department of Public Works (DPW) initiated the process of becoming an American Public Works Association (APWA) Accredited Agency in 2022 by submitting a statement of intent to apply for accreditation and begin the self-assessment process. Throughout the self-assessment process (Phase I of the "Road Map" attached), DPW has worked diligently to assess operations and identify where improvements can be made. By doing so, DPW has pushed to establish an agency-wide culture of continuous improvement. Staff has reached the point where it is now time to submit a formal application to APWA for accreditation, intending to become the fourth accredited agency in Michigan.

Participating in the accreditation process has brought and will bring many improvements for DPW. Among these are enhanced operational performance, succession planning, retention and cataloging of institutional knowledge, and an overall increase in efficiencies. These improvements are accomplished by utilizing the APWA Public Works Management Manual to assess where DPW operations currently stand and identify how industry best practices can be implemented. Additionally, by following the "Road Map", DPW's policies, procedures, and practices will be aggregated in a central location.

The APWA application fee is based upon two factors: the population of the area the agency services and the number of chapters from the APWA Public Works Management Manual that the agency is responsible for. For DPW, this fee will be \$13,850. Additionally, travel costs will need to be reimbursed once an on-site evaluation occurs. Evaluations must be completed within 36 months of application.

DPW appreciates City Council and City Administration's support as we strive to be recognized as a top-performing agency and provide residents with the highest quality of services possible.



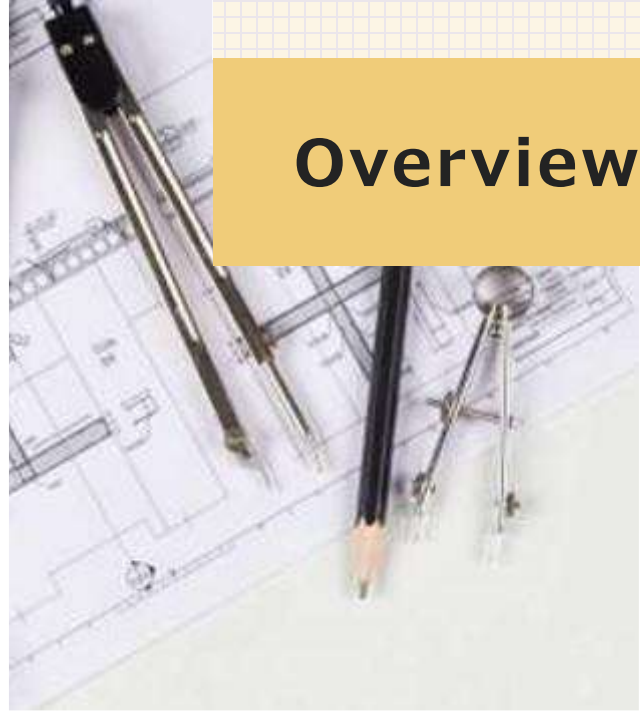
ACCREDITATION ROAD MAP





Community Development Report

APRIL – JUNE 2023



Overview

- **Residential and Commercial Construction Updates**
- **Community Development Revenue**
- **Plan Review Center Update**
- **Code Compliance Update**
- **General Permitting, Inspection, and ZBA Activity**
- **Our Team**



Residential Construction Update

Completed Projects:

- Dunhill Park
- Chamberlin Crossing
- Emerson Park

New Subdivisions:

- Ballantyne (8 Mile and Garfield) Model Home Completed, and nine new homes are currently under construction.
- Parc Vista (8 Mile, west of Garfield) Initial Sitework is Underway.

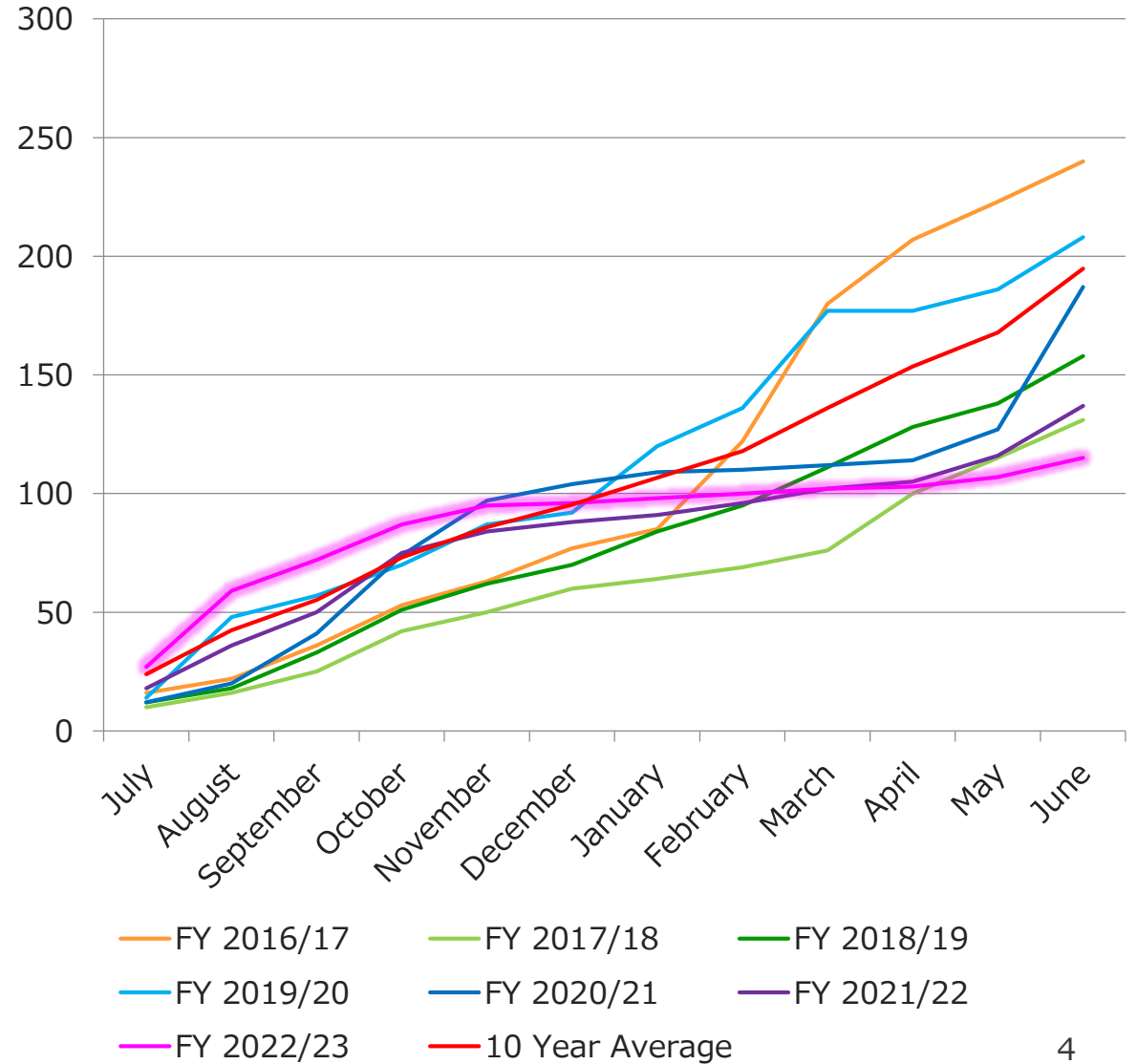
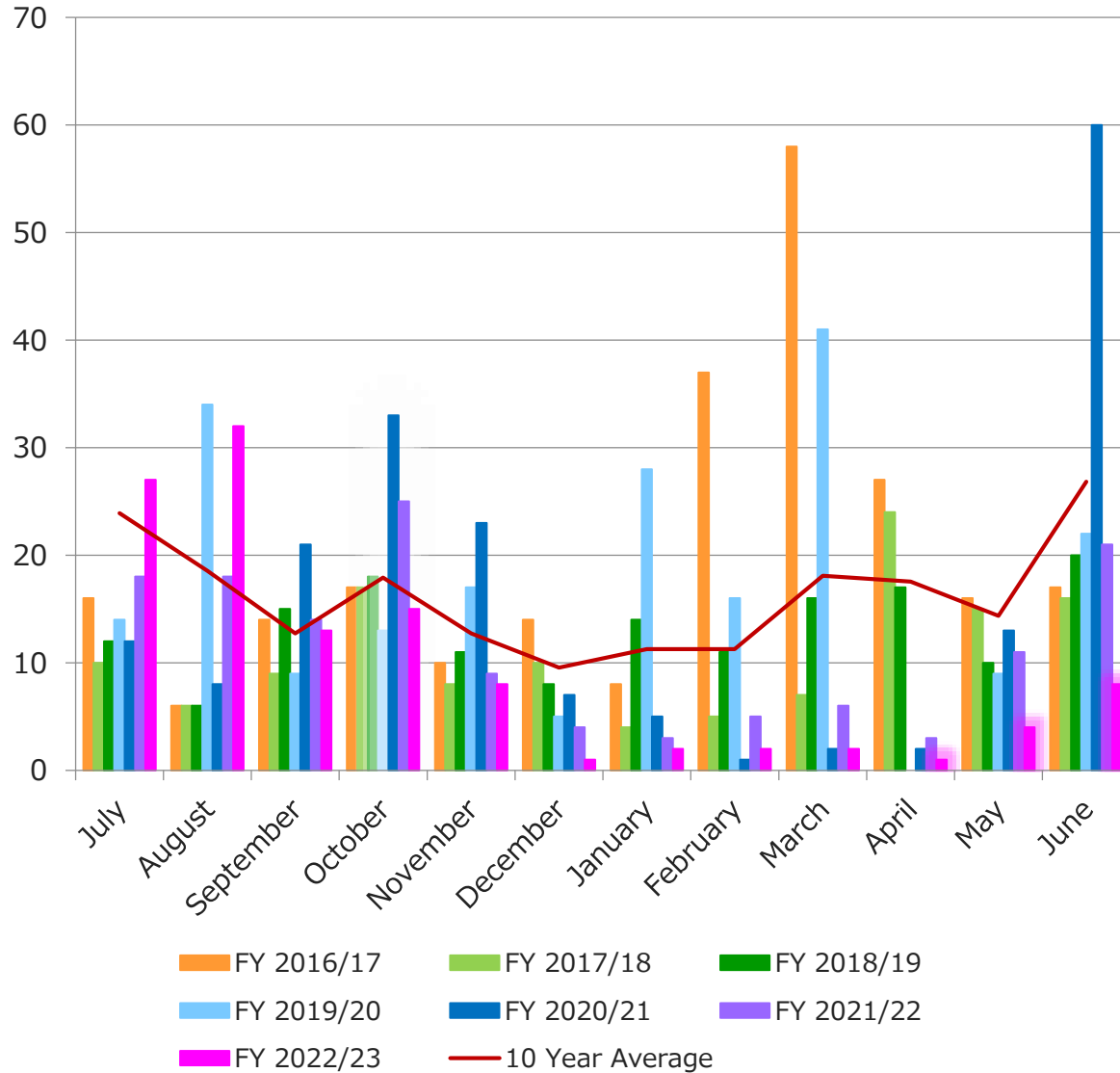
Newly Permitted:

- 13 New Single-Family Residences (\$2,598,196 Val.)
- 106 Permits for smaller residential projects, such as additions or alterations (\$3,532,171 Val.)
- \$6,130,367 Total Valuation

*Note All figures from Apr – June 2023



Combined Housing Units



Commercial Construction Update

Completed Projects:

- Illuum Cosmetic Surgery

Newly Permitted:

- 2 New Commercial Buildings (\$174,000 Val.)
- 43 Commercial Additions/Alterations (\$6,272,280 Val.)
- \$6,446,280 Total Valuation

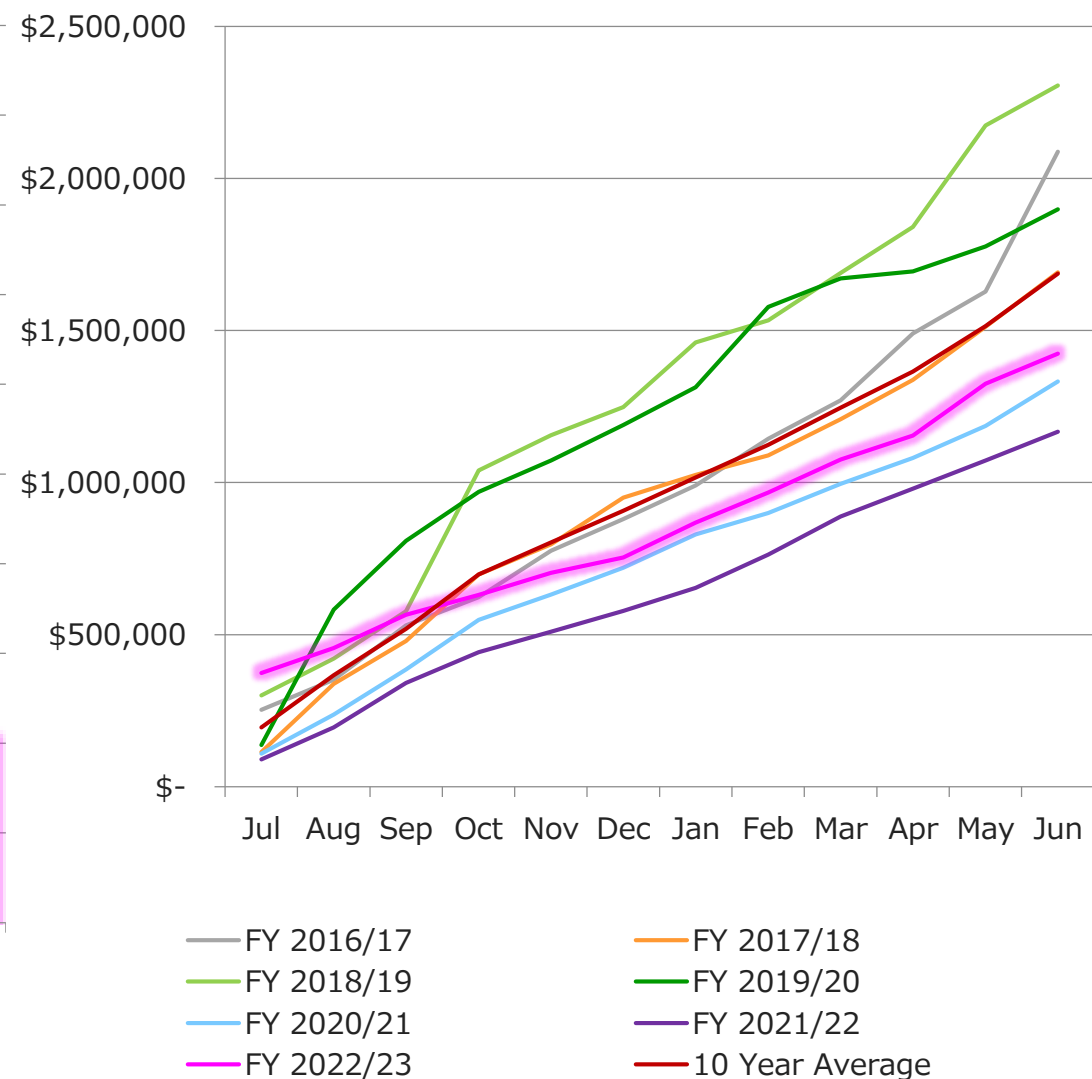
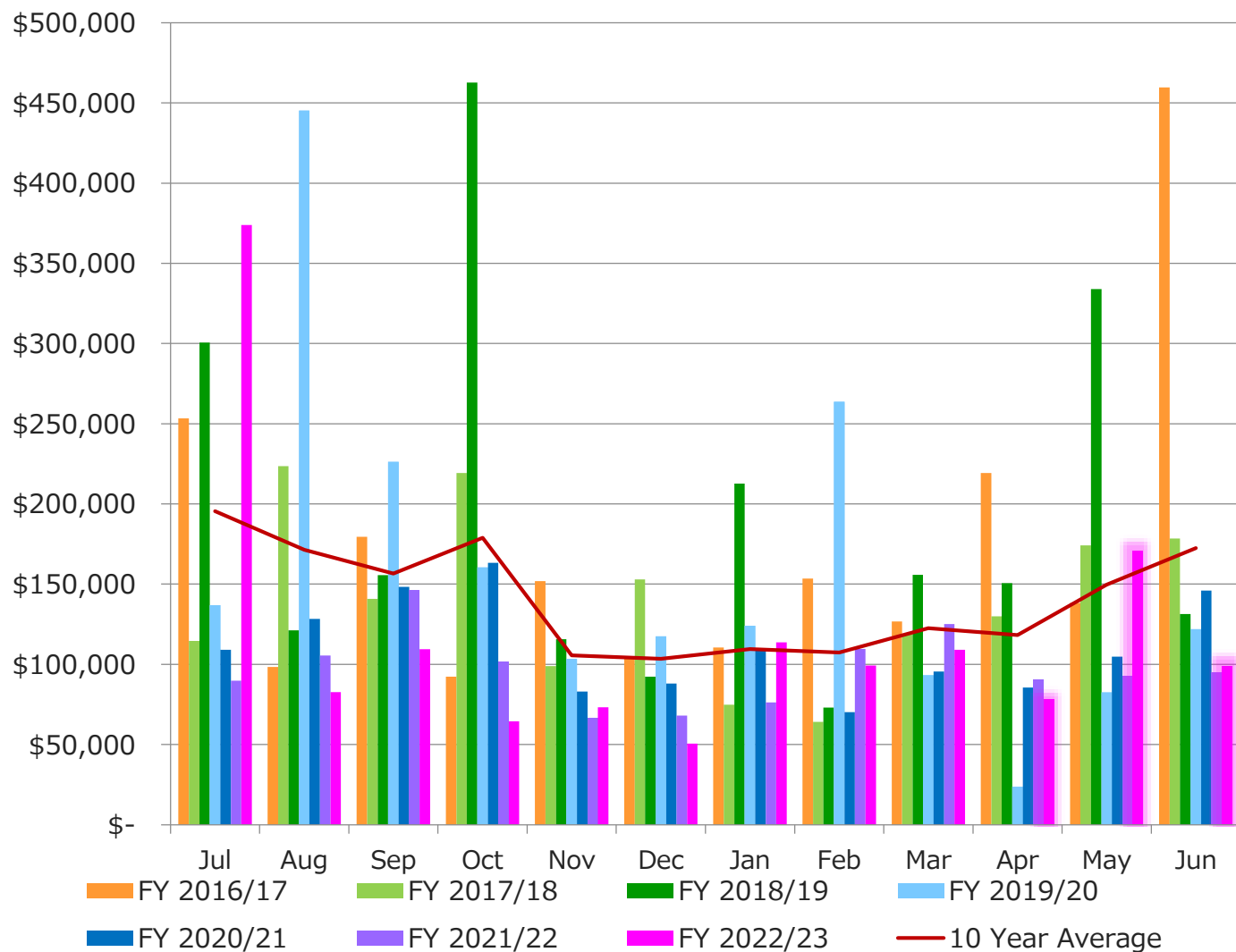
New Projects of Note:

- Innova Apartments (Haggerty north of 12 Mile)
- J. Crew (Novi Town Center)
- Purple Mattress Store (Twelve Oaks Mall)

*Note All figures from Jan – Mar 2023



Building Department Revenue



Planning Update

Final Stamping Sets

1. **Aramco Outdoor Tanks (JSP22-19)**
2. **NCSD Maintenance Bldg (JSP22-51)**
3. **Parc Vista LIP (JLIP22-10)**
4. **Joe Kool's Façade (JF23-03)**
5. **Montebello Estates (JSP15-76)**
6. **Clarkson Eyecare (JSP21-43)**
7. **Shelter Bay Animal Hospital (JSP21-27)**
8. **Novi High School Phase 2 (JSP22-36)**
9. **Parc Vista LIP - Revised (JLIP22-10)**

Noteworthy Projects Currently Under Review:

1. Audi of Novi – Car Dealership
2. Porsche of Novi – Car Dealership
3. Camelot Parc – 46 Apartment Units
4. Station Flats – Mixed Use with 160 Multi-family Residential Units, Co-working Space, and Cafe.
5. Griffin Novi II – 102 Apartment Units

Meetings & Public Engagement

April 2 - Active Mobility public input session at the Eggstravaganza at Novi High School

April 20 – Rotary Meeting, Planning staff attended and spoke about City West, Active Mobility Plan, and Master Plan

April 20 – Walkable Novi Committee meeting

May 3 – Master Plan Steering Committee meeting

May 24 – Master Plan and Zoning Committee meeting

June 2 – Superhero Showcase, table for Active Mobility Plan

June 14 – Master Plan and Zoning Committee meeting

June 14 – Master Plan Steering Committee meeting

June 15 – Walkable Novi Committee meeting

21 Concept Meetings Held

16 Preliminary Site Plan Reviews Completed

Code Compliance Update

Activities	Apr-June 2023	YTD 2023	YTD 2022
Complaints Received	126	179	170
Notices of Violation	361	509	544
Counter Assistance	80	151	110
Citations	4	4	11
Signs Removed from ROW	793	1221	1278
Sign Permits Issued	31	45	30
Final Sign Inspections	39	54	63
Soil Erosion Control inspections	79	137	130
Soil Erosion Violations Issued	2	3	33
Drainage Issues	6	13	28
Court Appearances	6	17	13
Woodland/Forester/Landscape Assistance	15	32	25
Wetland Assistance	4	4	4
Engineering Assistance	3	5	11
Building Department Assistance	11	28	12
Addresses Assigned	4	28	207
April - June 2023			
Ordinance Enforcement Conducted - By Category		Total	
Proactive		175	
Reactive		100	
Housing		19	
Zoning		50	
Nuisance		187	
Dangerous Buildings		4	
Other		32	

Activity and Honors

- **Code Compliance Officer Mario Gibbons designed a Manufactured Home Property Inspection program and along Code Compliance Officer Brian Riley inspected all 1722 Manufactured Home Park sites in the City to note any deficiencies and educate management staff. Upon re-inspection 30 out of 32 violations had been corrected, a 94% success rate for the program.**
- **Code Compliance Officer Mario Gibbons successfully completed his Construction Storm Water Operator Certification**

General Permitting, Inspection, and ZBA Activity

General Permit Activity for April — June 2023

- Electrical: 306
- Refrigeration: 96
- Plumbing: 125
- Heating: 250
- Demolition: 8
- Other: 416

1,201 Total Permits Issued

Inspection Activity for April — June 2023

- Building: 1133
- Plumbing: 664
- Electrical: 760
- HVAC: 554

3,111 Total Inspections Performed

Zoning Board of Appeals

- 8 Cases heard; all requests granted.
- 4 residential cases, and 4 commercial cases.
- 3 of the residential cases were for reduced setbacks to allow for small home additions, 1 was to allow additional square footage for a garage.
- The Commercial cases included 2 sign variance requests, a request for an overhead door to face a major thoroughfare, and for two truck docks to be in an exterior side yard.

Our Team

Community Development

248-347-0415

Plan Review Center
Code Compliance

248-347-0475
248-735-5678



Charles Boulard - Director

Alan Hall - Deputy Director

Customer Service

Sarah Marchioni - Project Coordinator
Angela Sosnowski - Bond Coordinator
Nina Schaffrath - Account Clerk
Sarah Fletcher - Account Clerk
Suzie Compton - Customer Service Rep

Inspectors

Gary Baumgardner - Mechanical
Steve Losacco - Electrical
Glenn Richmond - Plumbing
Michael Wall - Building
Chris Weber - Building

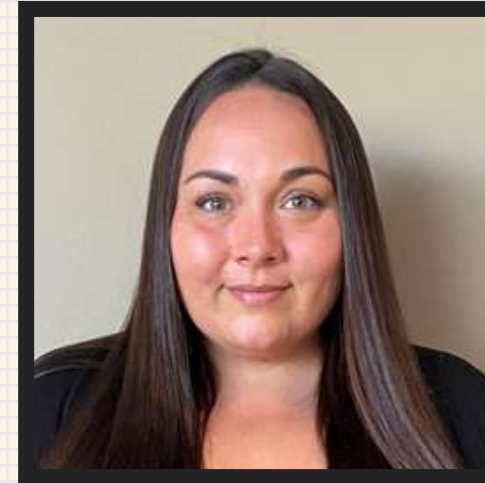
Code Compliance

Mario Gibbons
Deborah Martinez
Brian Riley
Maureen Underhill

Planning

Barb McBeth, AICP - City Planner
Lindsay Bell, AICP - Senior Planner
Ben Peacock - Planner
James Hill - Planner
Ian Hogg - Planner
Rick Meader - Landscape Architect
Diana Shanahan - Planning Assistant

New Employees



Sarah

Fletcher

Account Clerk



Ian

Hogg

Planner

Mayor and Council –

Please see the piece that will be mailed to residents around the GLWA Project(s) on the north side.

- Victor



Great Lakes Water Authority

14-MILE TRANSMISSION MAIN LOOP –PHASE II Project Update



Valued Community Member,

We'd like to provide an update on the more than \$111 million, water transmission main project underway in your community. But first and foremost, we want to extend our appreciation for your patience and understanding during the past several years. Projects of this magnitude are planned using the best data and information possible; unfortunately,

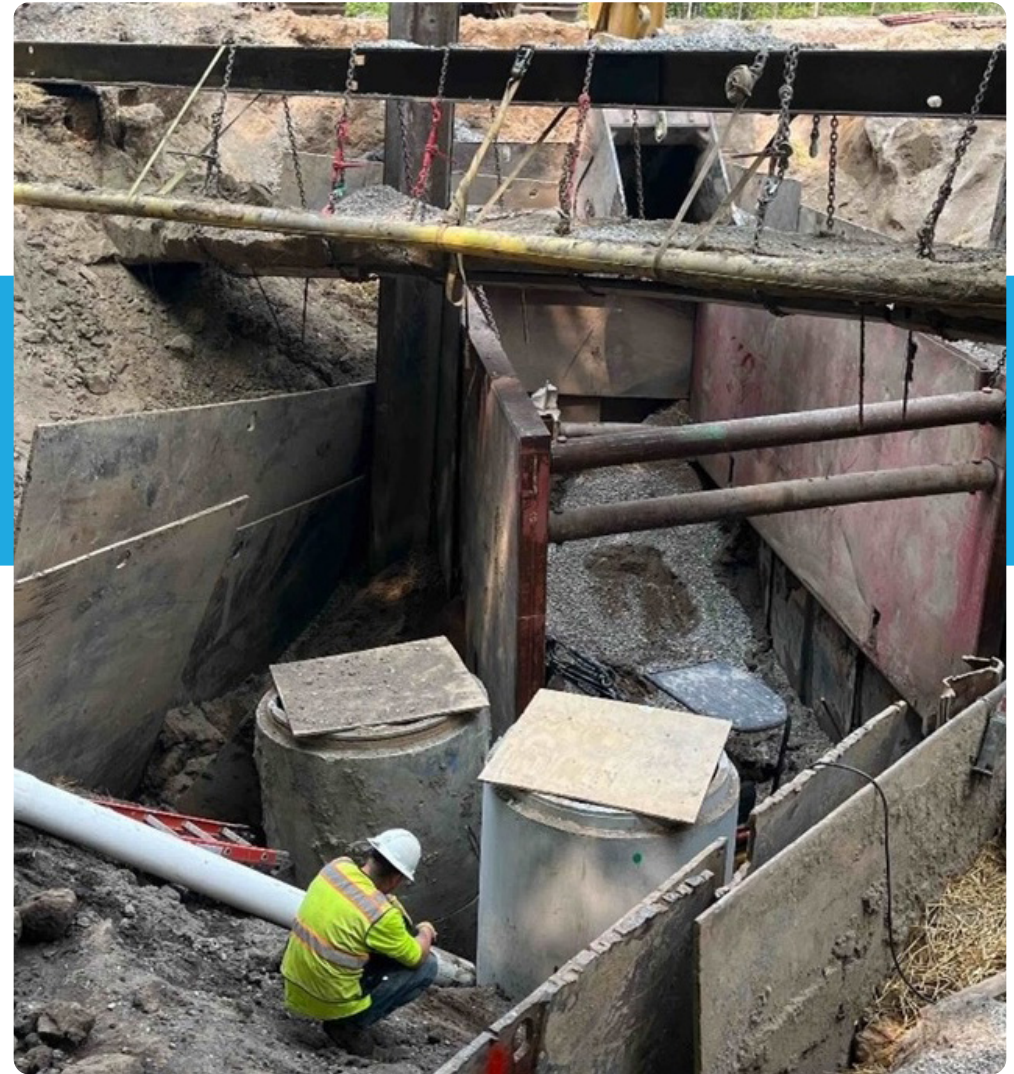
often unforeseen obstacles arise which have an impact on methods of installation, tools required and timing. While there is a short-term inconvenience during this project, please know there will be a significant long-term benefit to the region from the improvements to the water distribution system. Our crews are working as safely and efficiently as possible to complete this all important water delivery project to ensure you and your neighbors have a redundancy in service and do not experience a disruption in water distribution as encountered in 2019 and 2021 with the large water main break on 14 Mile Road.

» PROJECT STATUS



As a part of our focus on sustainability, GLWA has a transmission main loop project currently under construction in Novi.

GLWA currently serves drinking water to southern Oakland County, including the Novi, West Bloomfield Township, Farmington Hills, Commerce Township, Walled Lake, and Wixom communities through a single feed transmission main. As a result, any major break, like we experienced in the falls of 2019 and 2021, on this transmission main will cause loss of water service to homes, healthcare facilities, schools, and businesses in these communities. **Therefore, the purpose of this project is to construct a new transmission main and isolation valve in a looped configuration to eliminate this single feed condition that currently exists.** The construction of the new 14-Mile Transmission Main Loop is being completed in two phases.



Phase I is complete, which included approximately one mile of a 24-inch transmission main along 14-mile from Novi Road to M-5.

Phase II is currently under construction and includes approximately eight miles of 54-inch transmission main and isolation valves. This main runs generally along the I-275 corridor from 8-Mile to 11-Mile Road, then along the Meadowbrook Road to 13-Mile Road, and finally along the M-5 corridor to GLWA's Haggerty Booster Station located at 14-Mile and Haggerty Road.

» CONSTRUCTION DELAYS

During Phase II construction, there have been numerous unforeseen conditions and/or changes that have delayed the project schedule, including:

1. **Installation of pipe on piles has taken longer than anticipated.** Given the poor soil condition on Meadowbrook Road, cement piles (pillars) had to be poured to support the new 54-inch pipe.
2. A portion of the City of Novi's sanitary sewer was required to be relocated on Meadowbrook between 12-mile and 13-mile for the new transmission main. **The installation of the sanitary sewer changed from geo-engineered bedding to installing on piles during the construction phase due to the poor soil conditions.**
3. **Mis-marked and/or not marked existing utilities were discovered by the contractor.**
4. **Two existing pipe culverts crossed between I-96 and 12-Mile on Meadowbrook were in discovered to be in poor condition and required to be fully replaced.**

Throughout the project, we have met regularly with City of Novi staff and they have, on our behalf, communicated project updates. **While we know the work has not progressed as swiftly as any of us would like, we are completing it as safely and timely as possible** given the number of "curve balls" we have been thrown the last 18+ months.

GLWA is committed to continuing our weekly public eNewsletters and working to complete this project as soon as possible.



» CURRENT TIMELINE OF FINAL PAVEMENT COMPLETION

August 2023:

- Meadowbrook Rd from 11 Mile to Grand River

October 2023:

- 13 Mile Rd from Meadowbrook Rd to M-5
- 11 Mile Rd from Meadowbrook Rd to Seeley Rd

November 2023:

- Meadowbrook Rd from MSU Tollgate to 12 Mile Rd
- Meadowbrook Rd from 12 Mile to I-96

Spring 2024:

- Meadowbrook Rd 13 Mile to Meadowbrook Elementary (with temporary pavement completed August 2023)
- Meadowbrook Rd from Crosspoint Church to MSU Tollgate

QUESTIONS/ CONCERNS

Great Lakes Water Authority
peter.fromm@glwater.org
313.316.9192



The Great Lakes Water Authority (GLWA) is committed to being the service provider of choice for water of unquestionable quality in southeast Michigan.

In keeping with this commitment, GLWA is constantly working to ensure the sustainability of the region's water distribution and transmission system.



MEMORANDUM



TO: COUNCIL MEMBERS
FROM: VICTOR CARDENAS, CITY MANAGER
SUBJECT: TRANSIT UPDATE – JULY 2023
DATE: JULY 27, 2023

To keep you all up to speed regarding the County's transit implementation, I'm providing this correspondence with a summary of our recent meeting. Last week, Jeff Muck (PRCS Director), Keri Blough (GIS Manager), and I met with SMART representatives regarding their planned roll-out. They shared that service will begin in Novi this September along two routes; Grand River (19 stops) and 12 Mile (13 stops)



Personnel from SMART shared that signs for the respective stops along each route will begin to be installed later next month. City staff is currently evaluating these suggested locations to provide feedback. At this point, only signs for stops will be installed; transit shelters will come at a later date once they get an idea of ridership and demand.

Keri Blough has created [this fantastic map app](#) to show both routes and the paratransit zones' locations. These zones are required under the Americans with Disabilities Act and **will not** replace Novi's senior transit:

Per the SMART website

As your everywhere connection, SMART is proud to provide Americans with Disabilities Act (ADA) service for people with disabilities.

What is ADA Service?

ADA Paratransit Service is an advanced reservation, curb-to-curb service that is provided for people who are unable to use SMART's Fixed Route bus service because of a disability. In order to use this service you must be ADA certified. ADA certification requires an application process.

ADA Service differs from SMART Connector Service in that ADA Service:

- Mimics available Fixed Route service
 - Days and hours of operation are the same days and hours that the fixed route bus is in operation (consult individual route schedules)
 - Pick-up/drop-off addresses must be $\frac{3}{4}$ of a mile or less from a SMART Fixed Route bus stop
- ADA trips are premium fare, \$3.00 each way, including transfers
- Personal care attendants (PCA) ride for free as long as your ADA certification specifies the need for a PCA.
- When booking your ADA trip, you can request door-to-door paratransit service if approved by the ADA Coordinator.
- ADA Paratransit Service eligibility is within Wayne, Oakland, Macomb, and Monroe counties.
-

Who is Eligible?

- A person with a disability who cannot get on, off or ride an accessible Fixed Route bus due to their disability is unconditionally eligible. For example, persons with developmental or cognitive impairments often qualify under this category.
- A person whose disability prevents them from getting to a Fixed Route bus stop is conditionally eligible. For example, if construction, lack of a sidewalk, or snow prevents access, the rider is eligible for ADA service until conditions improve/change.

For ADA Guidelines, click [here](#).

If you think you are eligible for ADA Service, click [here](#) for more information to download an application, Request for Professional Verification Form, and application instructions.

For detailed information, please [download our ADA Brochure](#).

If further help is needed, please contact the ADA department at 313-223-2193.

Enclosed are their proposed locations. More details to come as they become available.

740 Twelve Mile Rd (Novi-Wixom Service Extension) Stops				
Main Thoroughfare	Cross Street/Business	Eastbound or Westbound	Stop Number	Comments
12 Mile	Cabot	Westbound	1 (WB)	Eliminate Stop 1 due to close proximity to existing stop in front of the medical center
12 Mile	Meadowbrook	Both	2 (WB), 12 (EB)	
12 Mile	Twelve Oaks (East Entrance)	Both	3 (WB), 10 (EB)	
12 Mile	Novi Road	Both	4 (WB), 9 (EB)	
12 Mile	Donelson	Both	5 (WB), 8 (EB)	
12 Mile	Dixon	Westbound	6 (WB)	
12 Mile	West Park Drive	Both	7 (WB), 6 (EB)	
12 Mile	Dick's Sporting Goods	Eastbound	7 (EB)	
12 Mile	Yanfeng Automotive	Eastbound	11 (EB)	
12 Mile	Energy Way	Eastbound	13 (EB)	
Grand River	Beck	Westbound	8 (WB)	
Grand River	West Market Square Drive	Both	9 (WB), 5 (EB)	
Grand River	District Court	Both	10 (WB), 4 (EB)	
Grand River	12 Mile	Both	11 (WB), 3 (EB)	Move near signal
Grand River	Wixom	Both	12 (WB), 2 (EB)	
Grand River	Meijer Express	Westbound	13 (WB)	
Grand River	Across from Meijer Express/ Fifth Third Bank	Eastbound	1 (EB)	

305 Grand River Ave (Novi - Wixom Service Extension)				
Main Thoroughfare	Cross Street/Business	Eastbound or Westbound	Stop Number	Novi Staff Comments
Grand River	Haggerty	Both	1 (WB), 19 (EB)	Considers sop between Grandview and Seeley Suggest moving these to the west closer to the apartments and shopping/dining area. They are really close to stops 4 & 16 as currently proposed
Grand River	Woodbury Commerce Park	Westbound	2 (WB)	
Grand River	Seeley	Both	3 (WB), 17 (EB)	
Grand River	Grandview Lane	Westbound	4 (WB)	
Grand River	Portico	Westbound	5 (WB)	
Grand River	Town Center Drive	Westbound	6 (WB)	
Grand River	11 Mile Road	Westbound	7 (WB)	
Grand River	Novi Road	Both	8 (WB), 13 (EB)	
Grand River	Crescent Blvd	Westbound	9 (WB)	
Grand River	Clark	Both	10 (WB), 11 (EB)	Eliminate due to close proximity to Taft and few businesses/residential in the area. Move near a crosswalk? Not much on this side of Beck Move near signal
Grand River	45200 Grand River (Premier)	Westbound	11 (WB)	
Grand River	Taft	Both	12 (WB), 9 (EB)	
Grand River	Suburban Collection (East Entrance)	Both	13 (WB), 8 (EB)	
Grand River	Suburban Collection (West Entrance)	Both	14 (WB), 7 (EB)	
Grand River	Beck	Both	15 (WB), 6 (EB)	
Grand River	West Market Square	Both	16 (WB), 5 (EB)	
Grand River	District Court	Both	17 (WB), 4 (EB)	
Grand River	12 Mile Road	Both	18 (WB), 3 (EB)	
Grand River	Wixom Road	Both	19 (WB), 2 (RB)	Move stop to the west where Bond St connects with Crescent Blvd to take advantage of the crosswalk and access to Adell Center. The aerial doesn't show Bond St, but we know it will be open for traffic soon. Suggest additional stop near Edge of Novi/Feldman
Grand River	Meijer Express	Westbound	20 (WB)	
Grand River	Across from Meijer Express/ Fifth Third Bank	Eastbound	1 (EB)	
Grand River	Little Valley	Eastbound	10 (EB)	
Grand River	Bond	Eastbound	12 (EB)	
Grand River	Main	Eastbound	14 (EB)	
Grand River	Huntley Manor	Eastbound	15 (EB)	
Grand River	Meadowbrook (Land Rover)	Eastbound	16 (EB)	
Grand River	Grand Oaks Center	Eastbound	18 (EB)	
Haggerty	Grand River	Eastbound	19 (EB)	

740 12 Mile - Novi-Wixom service

Westbound

12 Mile &...

1. Cabot
2. Meadowbrook (nearside)
3. Twelve Oaks – East entrance (nearside driveway)
4. Novi Road
5. Donelson
6. Dixon (nearside driveway)
7. West Park Drive (nearside)

Grand River &...

8. Beck (farside driveway)
9. West Market Square Drive
10. District Court
11. 12 Mile (nearside)
12. Wixom Road
13. Meijer Express

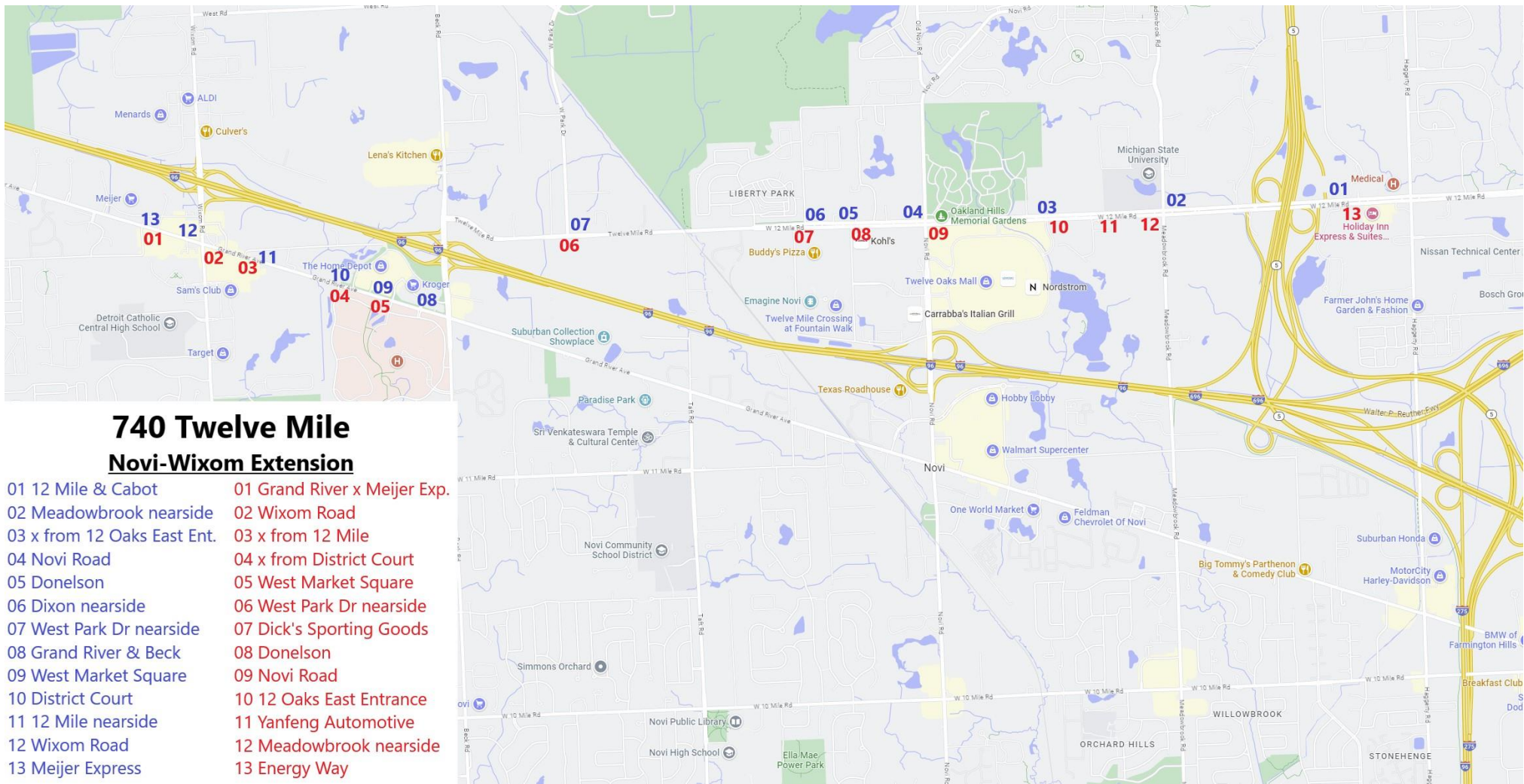
Eastbound

Grand River &...

1. Across from Meijer Express (farside Fifth Third Bank driveway)
2. Wixom Road
3. 12 Mile
4. District Court (farside DaVita Dialysis driveway)
5. West Market Square Drive (nearside)

12 Mile &...

6. West Park Drive (nearside)
7. Dick's Sporting Goods
8. Donelson
9. Novi Road
10. Twelve Oaks – East Entrance
11. Yanfeng Automotive
12. Meadowbrook (nearside)
13. Energy Way



New stop 01 -
12 Mile & Cabot (WB)



New stop 02 -
12 Mile & nearside
Meadowbrook (WB)



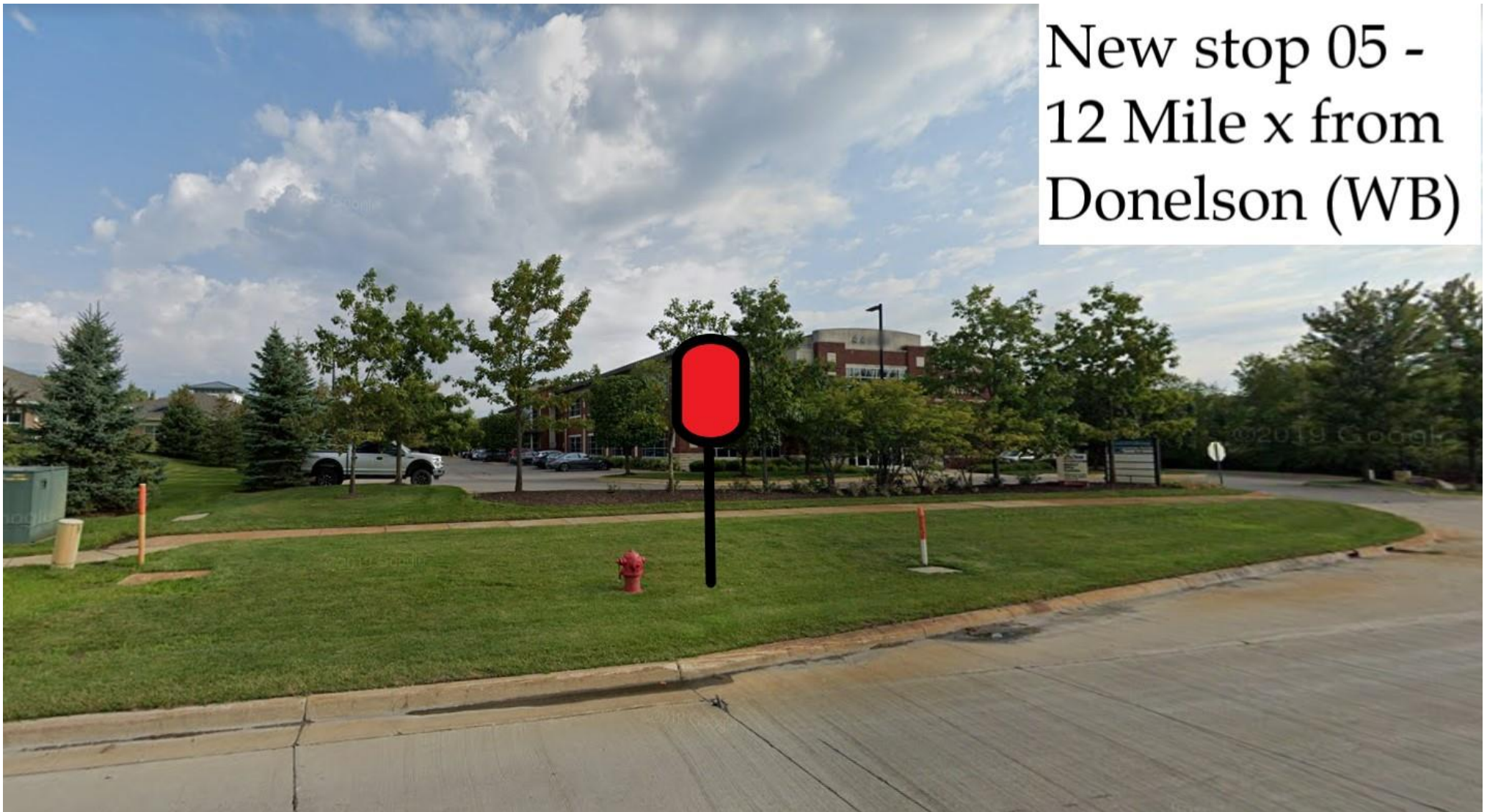
New stop 03 -
12 Mile x from Twelve
Oaks east entrance (WB)



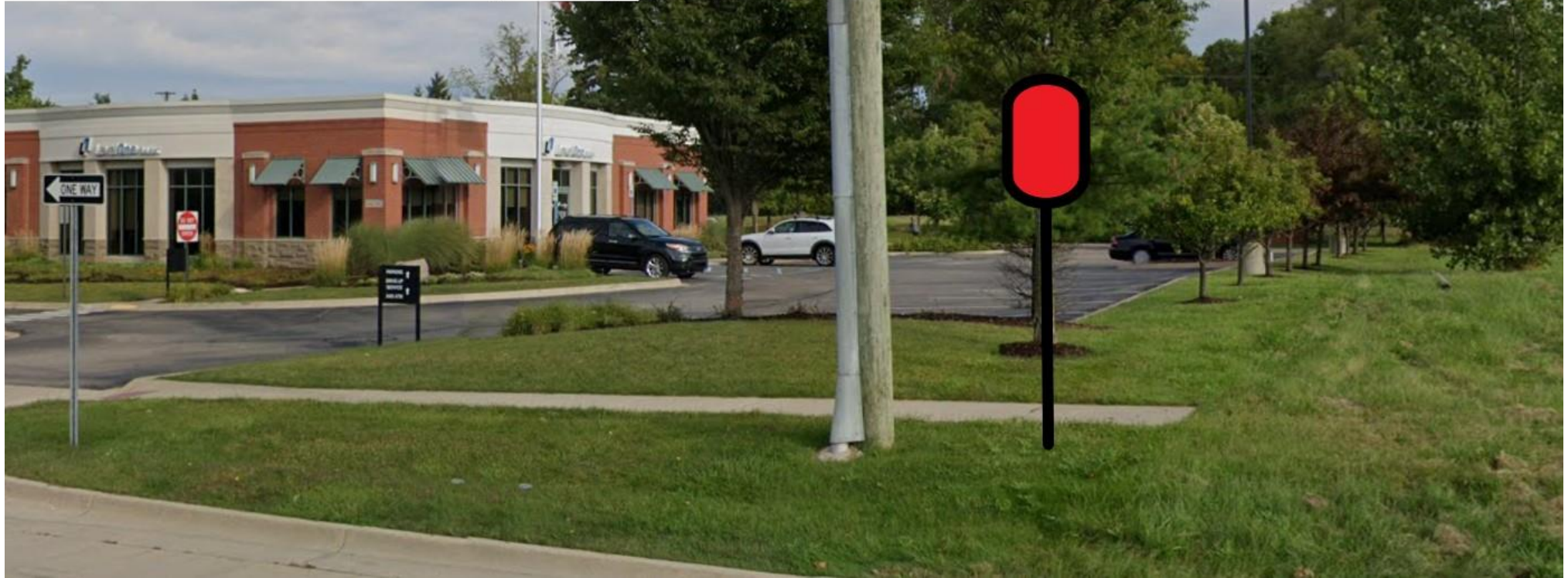
New stop 04 - 12 Mile & Novi Rd (WB)



New stop 05 -
12 Mile x from
Donelson (WB)



New stop 06 -
12 Mile Rd &
nearside Dixon (WB)



New stop 07 -
12 Mile & nearside
West Park (WB)





New stop 08 -
Grand River &
Beck Rd (WB)

New stop 09 -
Grand River &
West Market (WB)



New stop 10 - Grand River IFO 52nd District Court (WB)



New stop 11 - Grand River
& nearside 12 Mile (WB)



New stop 12 -
Grand River &
Wixom Rd (WB)



New stop 13 -
Grand River IFO
Meijer Express (WB)



New stop 01 -
Grand River IFO
5/3 Bank (EB)



New stop 02 - Grand River & Wixom Rd (EB)



New stop 03 -
Grand River x
from 12 Mile (EB)



New stop 04 -
Grand River x from
52nd District Court (EB)



New stop 05 - Grand River & nearside West Market (EB)



New stop 06 - 12 Mile & nearside West Park (EB)



New stop 07 -
12 Mile IFO Dick's
Sporting Goods (EB)



New stop 08 -
12 Mile &
Donelson (EB)



New stop 09 -
12 Mile &
Novi (EB)



New stop 10 -
12 Mile & Twelve Oaks
east entrance (EB)



New stop 11 -
12 Mile IFO
Yanfeng Auto (EB)



New stop 12 -
12 Mile & nearside
Meadowbrook (EB)



New stop 13 -
12 Mile &
Energy Way (EB)



305 Grand River - Novi-Wixom service

Westbound

Grand River &...

1. Haggerty (farside Mercedes-Benz driveway)
2. Woodbury Commerce Park
3. Seeley (pedestrian crossing marker)
4. Grandview Lane
5. Portico (nearside)
6. Town Center Drive
7. 11 Mile (nearside)
8. Novi Road (Napa Auto)
9. Crescent
10. Clark
11. 45200 Grand River (Premier)
12. Taft
13. Suburban Collection - East Entrance
14. Suburban Collection - West Entrance
15. Beck (farside driveway)
16. West Market Square Drive
17. District Court
18. 12 Mile (nearside)
19. Wixom Road
20. Meijer Express

Eastbound

Grand River &...

1. Across from Meijer Express (farside Fifth Third Bank driveway)
2. Wixom Road
3. 12 Mile
4. District Court (farside DaVita Dialysis driveway)
5. West Market Square Drive (nearside)
6. Beck
7. Suburban Collection - West Entrance
8. Suburban Collection - East Entrance
9. Taft
10. Little Valley
11. Clark (nearside)
12. Bond
13. Novi Road
14. Main
15. Huntley Manor
16. Land Rover (nearside driveway)
17. Seeley (pedestrian crossing marker)
18. Grand Oaks Center

Haggerty &...

19. Grand River (SB)



305 Grand River Novi-Wixom extension

- | | |
|--------------------------|-------------------------------|
| 01 Haggerty | 10 Clark |
| 02 Woodbury Commerce Ctr | 11 45200 Grand River |
| 03 Seeley Ped-xing | 12 Taft |
| 04 Grandview | 13 Suburban Collection E |
| 05 Portico | 14 Suburban Collection W |
| 06 Town Ctr Dr | 15 Beck |
| 07 11 Mile NS | 16 West Market Square |
| 08 Novi Road | 17 District Court |
| 09 Crescent | 18 12 Mile NS |
| | 19 Wixom Road 20 Meijer Exp |

- | | |
|--------------------------|--------------------|
| 01 Meijer Express | 11 Clark NS |
| 02 Wixom Road | 12 Bond |
| 03 12 Mile | 13 Novi Road |
| 04 District Court | 14 Main |
| 05 West Market Square | 15 Huntley Manor |
| 06 Beck | 16 Meadowbrook NS |
| 07 Suburban Collection W | 17 Seeley Ped-xing |
| 08 Suburban Collection E | 18 Grand Oaks Ctr |
| 09 Taft | 19 Haggerty & G.R. |
| 10 Little Valley | |

New stop 01 - Grand River & Haggerty (WB)



New stop 02 - Grand River & Woodbury Pk (WB)



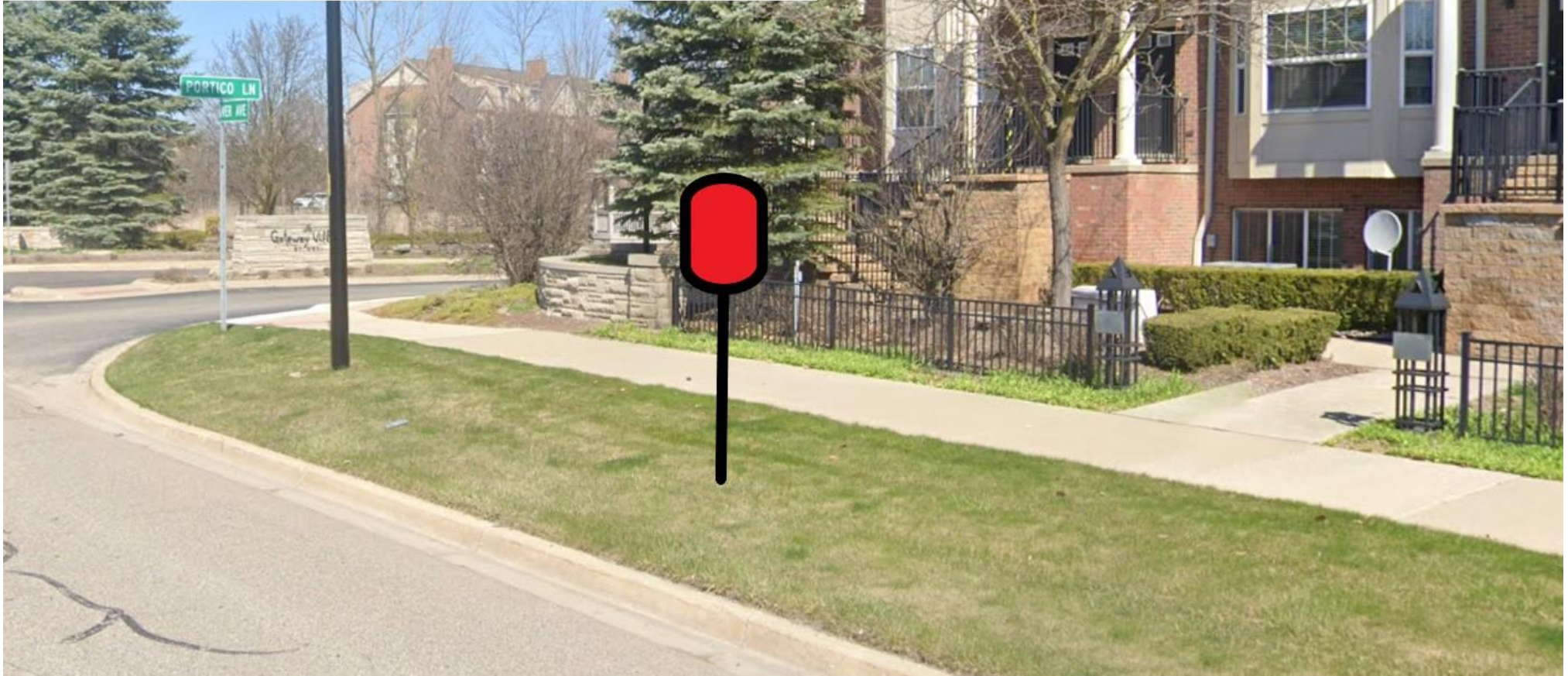
New stop 03 -
Grand River &
Seeley (WB)



New stop 04 - Grand River & Grandview (WB)



New stop 05 - Grand River & nearside Portico (WB)



New stop 06 -
Grand River &
Town Center (WB)



New stop 07 - Grand River & nearside 11 Mile (WB)



New stop 08 -
Grand River &
Novi Rd (WB)



New stop 09 - Grand River & Crescent (WB)



New stop 10 -
Grand River x
from Clark (WB)



New stop 11 - IFO
45200 Grand River (WB)



New stop 12 - Grand River & Taft (WB)



New stop 13 - Grand River IFO Suburban Collection East (WB)



New stop 14 - Grand River IFO Suburban Collection West (WB)





New stop 15 -
Grand River &
Beck Rd (WB)

New stop 16 - Grand River & West Market (WB)



New stop 17 - Grand River IFO 52nd District Court (WB)



New stop 18 - Grand River & nearside 12 Mile (WB)



New stop 19 -
Grand River &
Wixom (WB)



New stop 20 -
Grand River IFO
Meijer Express (WB)



New stop 01 -
Grand River IFO
5/3 Bank (EB)



New stop 02 - Grand River & Wixom Rd (EB)



New stop 03 -
Grand River x
from 12 Mile (EB)



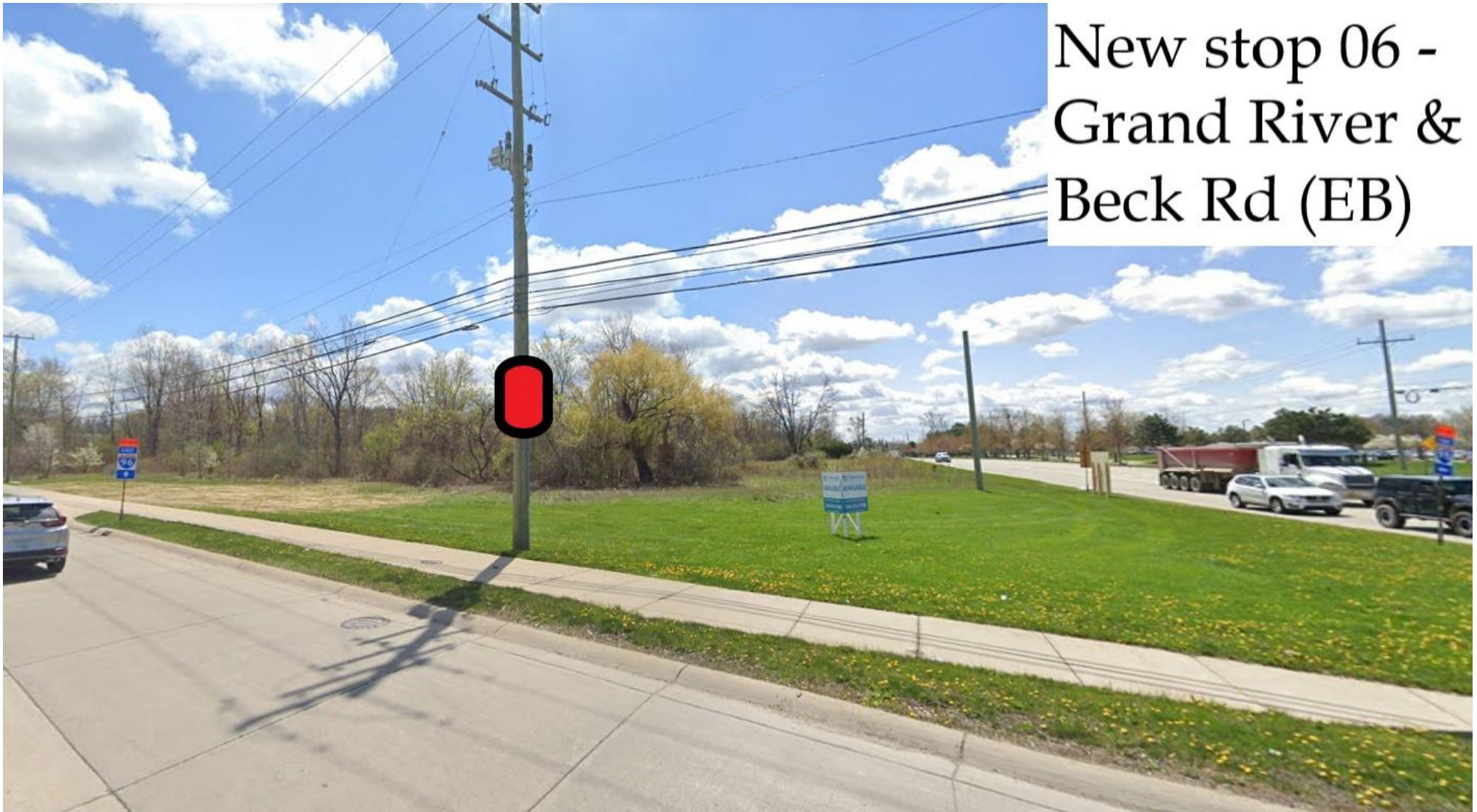
New stop 04 -
Grand River x from
52nd District Court (EB)



New stop 05 - Grand River & nearside West Market (EB)



New stop 06 - Grand River & Beck Rd (EB)

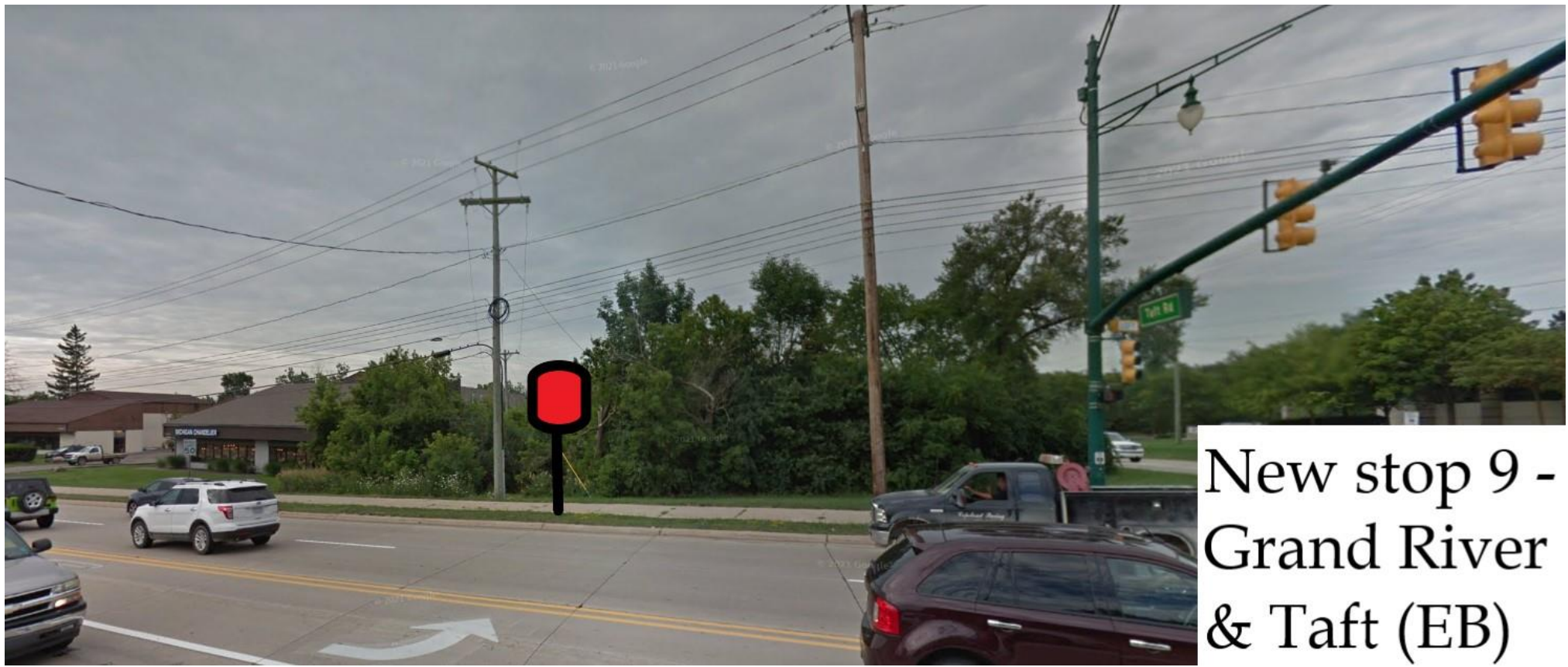


New stop 07 - Grand River IFO Suburban Collection West (EB)



New stop 08 - Grand River x from Suburban Collection East (EB)





New stop 9 -
Grand River
& Taft (EB)

New stop 10 -
Grand River IFO
Little Valley (EB)



New stop 11 -
Grand River &
nearside Clark (EB)



New stop 12 - Grand River & Bond (EB)



New stop 13 - Grand River & Novi Rd (EB)



New stop 14 - Grand River & Main (EB)



New stop 15 - Grand River IFO Huntley Manor (EB)



New stop 16 - Grand River & nearside Meadowbrook (EB)



New stop 17 - Grand River & Seeley (EB)



New stop 18 - Grand River IFO Grand Oaks Ctr (EB)



New stop 19 - Haggerty & Grand River (SB)

