

Fall 2023 Update

Far West Detroit Stormwater Improvement Project

September 19, 2023



Water & Sewerage
Department



Agenda

- **Greetings and Introductions**
- **Water and Sewer Systems**
- **Year in Review**
- **Upcoming Winter Work**
- **Communication & Outreach**
- **Questions and Answers**



Greetings & Introductions



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Project Team

Detroit Water and Sewerage Department

Bryan Peckinpaugh (Director of Public Affairs)
Sonali Patel (Public Affairs)
Lisa Wallick (Field Services Director)
Barry Brown (Assistant Manager)
Anna Timmis (Project Engineer)
Ian Tamm (Construction Inspector)

Major Contracting (Contractor)

Fadi Moussa
Michael Scappaticci

City of Detroit

Mona Ali (Dept. of Neighborhoods (DON))
Alexia Davis (DON - District 7)
Ladon Davis (District 7)

OHM Advisors (Consultant)

Doug Busko (Construction Engineering)
Patrick Droze (Design Coordination)
Mohamed Ahmed (Construction Inspector)



Water and Sewer Systems

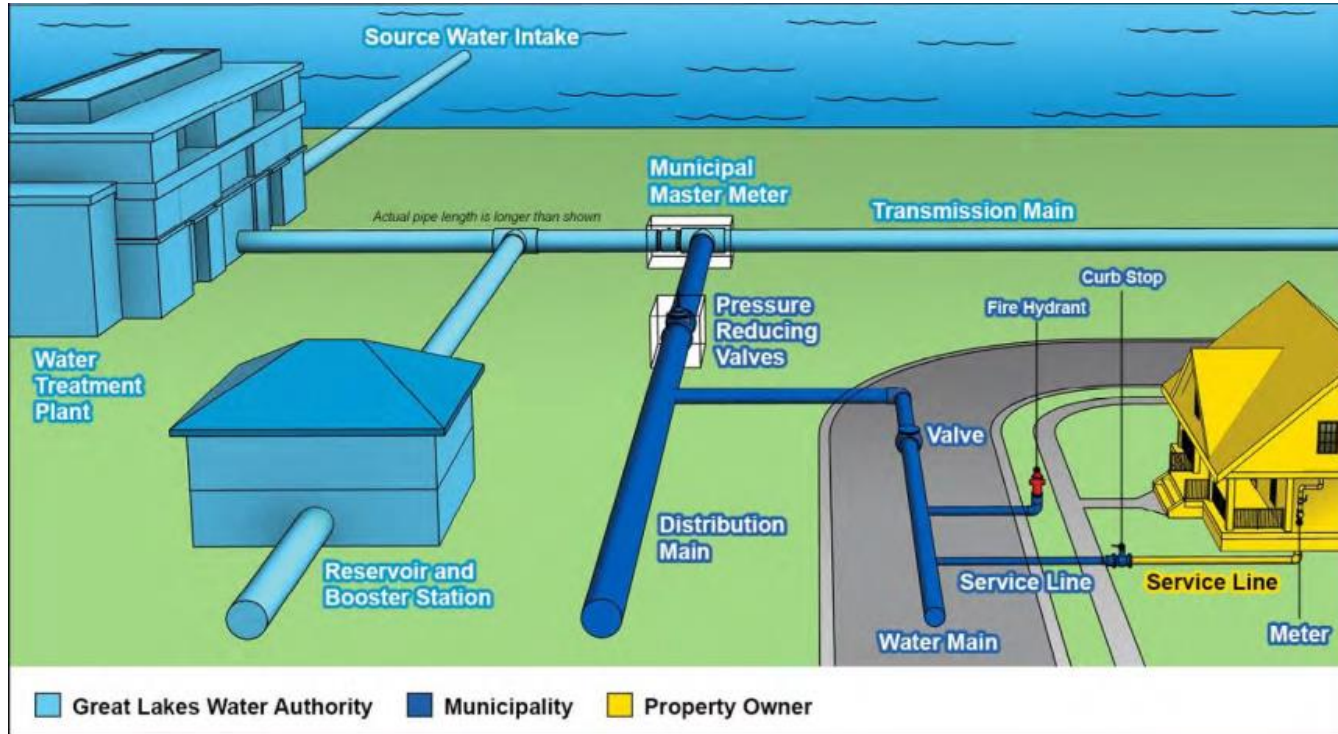


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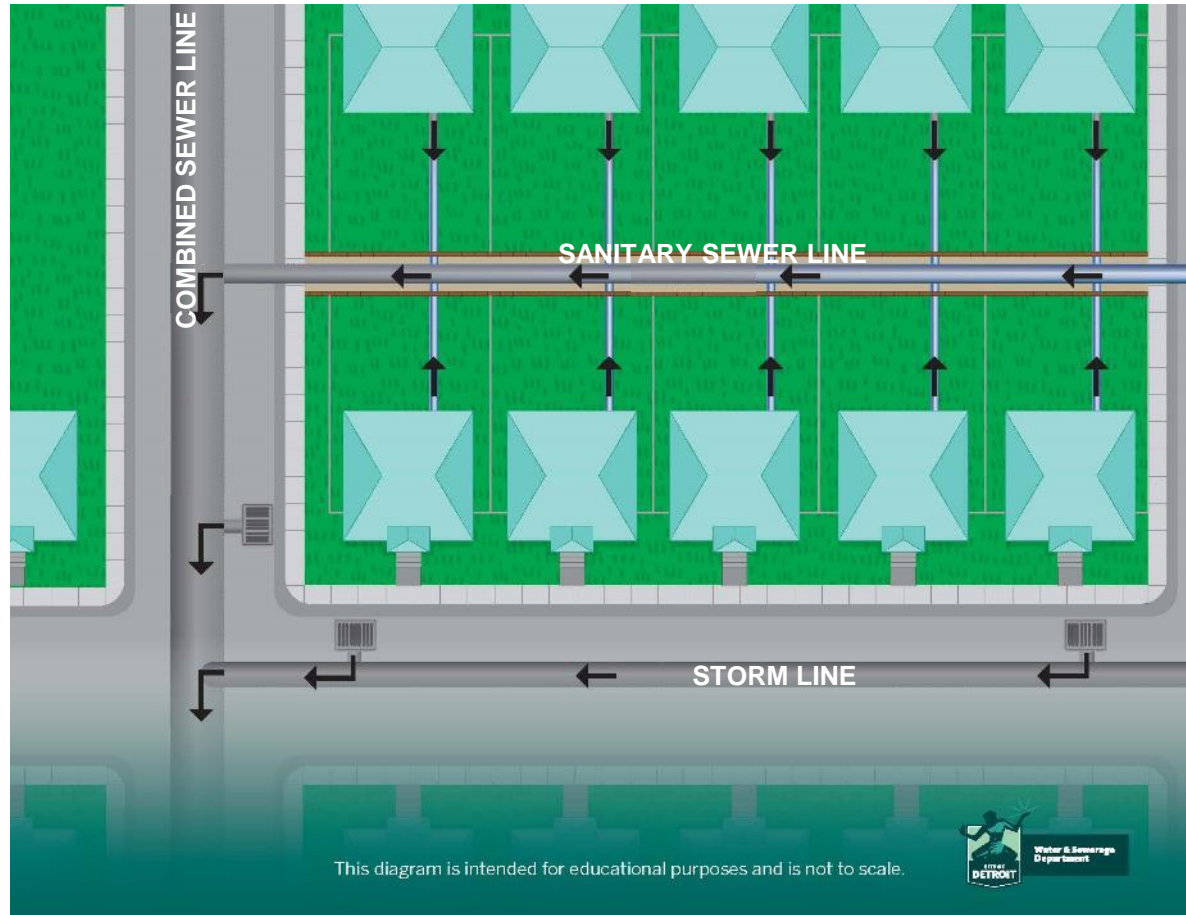
Water System

The treated drinking water system delivers clean water from water treatment plants and through the water mains to your property.



Sewer System

The combined sewer system is separate from the water system – untreated sewage and stormwater is collected in pipes, pumped and treated at nine wet weather facilities, and full treatment at the GLWA Water Resource Recovery Facility.



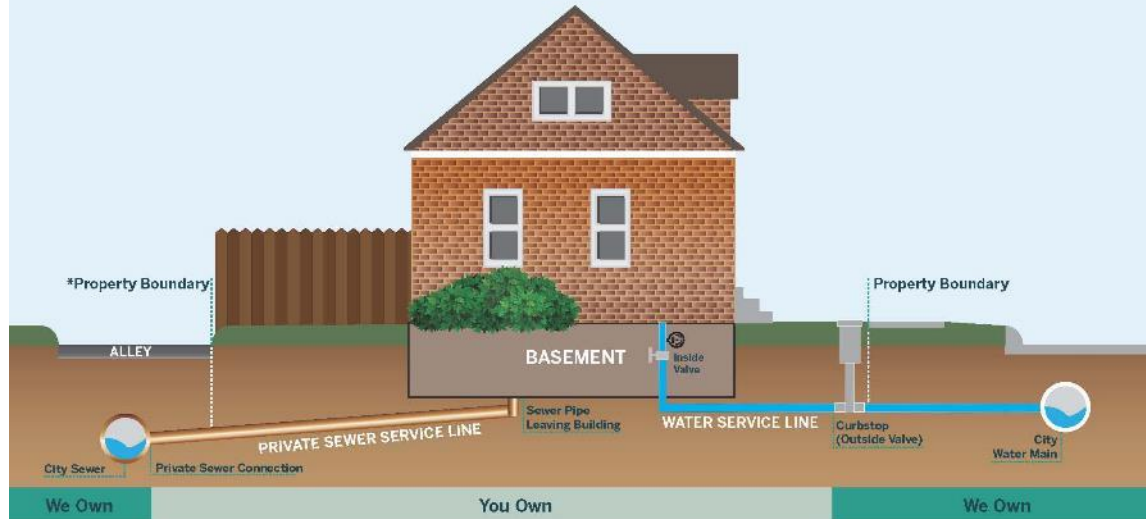
Water and Sewer Systems – Private Responsibility

YOUR RESPONSIBILITY AND OURS

THE WATER AND SEWER LINE FROM YOUR HOME



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DWSD Capital Improvement Program

DWSD has **invested \$400M in capital improvement projects since 2019.**

- Water main, hydrant and lead service line replacement
- Sewer lining and replacement
- Green stormwater infrastructure installations

DWSD and our contractors have:

- Replaced **77 miles** of water main
- More than **1,700** lead service lines
- Replaced or lined **52 miles** of sewer collection piping
- Installed **11 bioretention gardens**



Project Overview

Far West Detroit Stormwater
Improvement Project



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FAR WEST DETROIT STORMWATER IMPROVEMENT PROJECT

DRAINAGE IMPROVEMENTS

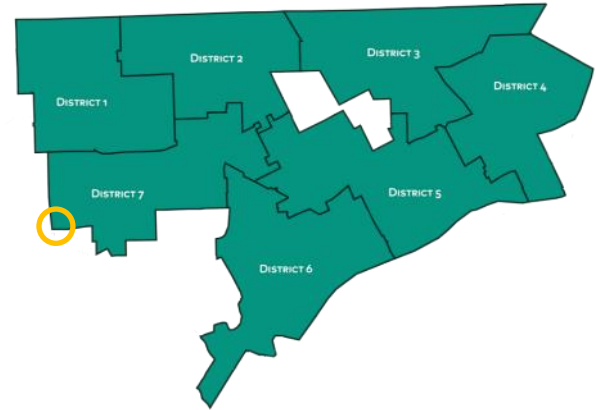
- 25,000' of new drainage piping
- 2 water quality basins
- 1000+ residential downspout disconnections

WATER MAIN IMPROVEMENTS

- 15,000 feet trenchless water main replacement
- 500+ water service replacements

SEWER REHABILITATION

- 20,000 feet of sewer lining and repair
- Various repairs to over 100 manholes and catch basins



Far West Detroit Neighborhood:

*Bounded by W. Warren, Joy Road, W Parkway
and Outer Drive*

Residents: 1210 homes

Schools: Ann Arbor Tr. Magnet School

Parks: Rouge Park

2023 Review



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1 Year Review

Ground Breaking

• July 2022

Water Main Installation Begins

• September 2022

Start of North Basin Construction

• November 14, 2022

Majestic Street Construction

• February 2023

Start of South Basin Construction

• August 2022

Start of Parkland Sewer

• Mid October 2022

Fall Project Update Meeting

• November 17, 2022

Summer Update Meeting

• June 22, 2023



2023 Review

We are here



Majestic Street Construction
• February 2023

Completion of Majestic Mainline Sewer
• End of July 2023

Installation of North Basin Outlet Structures
• Mid August 2023

Fall Update Meeting
• September 19, 2023

Summer Update Meeting
• June 22, 2023

Beginning of Majestic Road Restoration & Sewer Punchlist
• August 2023

Completion of North Basin Seeding
• Mid August 2023





South Basin Construction

- Basin construction has been substantially completed.
- Remaining work includes final grading and restoration around the perimeter.
- Fall season restoration will include placement of trees, shrubs, gates and educational signage.



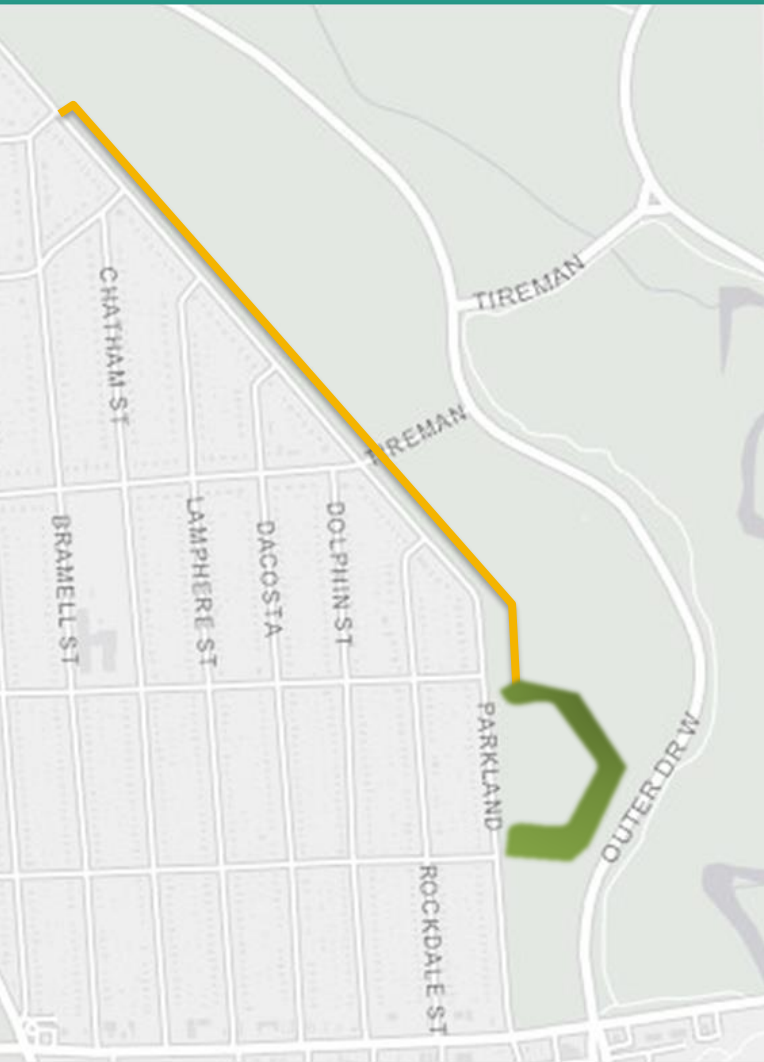


Majestic Street Construction

- New storm and sanitary sewer installation substantially complete. Pipes have been installed up to W. Parkway.
- Street restoration is underway, estimated completion November 2023.



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Parkland Sewer in Rouge Park

- Storm sewer has been installed between Sawyer Street and Belton Street.
- Intersection drainage along Parkland will be connected to the new sewer in the coming months.
- Areas over the sewer in the park will be restored as prairie with a mowed walking path.



Fall 2023 Work

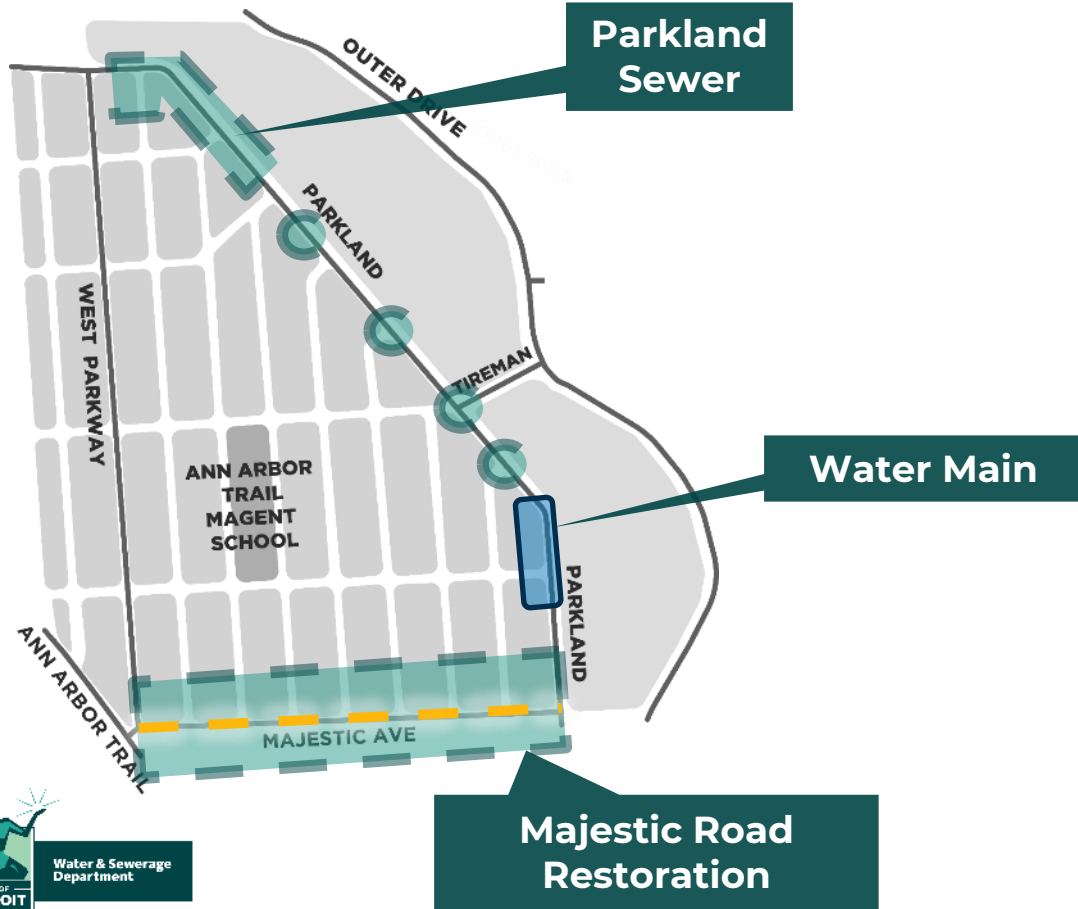
2023 Construction



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Fall 2023 Work



Majestic Street

- New asphalt and concrete roadways
- Sidewalk, driveway and lawn restoration
- Now through November 2023

Parkland Street

- Storm sewer and drainage structures (Belton to Beaverland)
- Storm sewer trench repair, paving and restoration
- Now through November 2023

Neighborhood Water Main

- Water services and restoration

Outer Drive (Wayne County Project)

- Resurfacing complete (Outer Drive)
- Striping and final clean up remain.
- Now to November 2023

Majestic Street Construction

1. Trenches have been backfilled and restored with compacted gravel
2. Concrete curb has been constructed along road.
3. Concrete pavement poured for intersections and driveways.
4. Asphalt surface to be placed for all of Majestic.
5. Restoration of lawn areas and concrete sidewalk.

Lawn areas, sidewalks and driveways will be replaced if impacted by the work.

**LOOKING WEST TOWARDS
ANN ARBOR TRAIL**

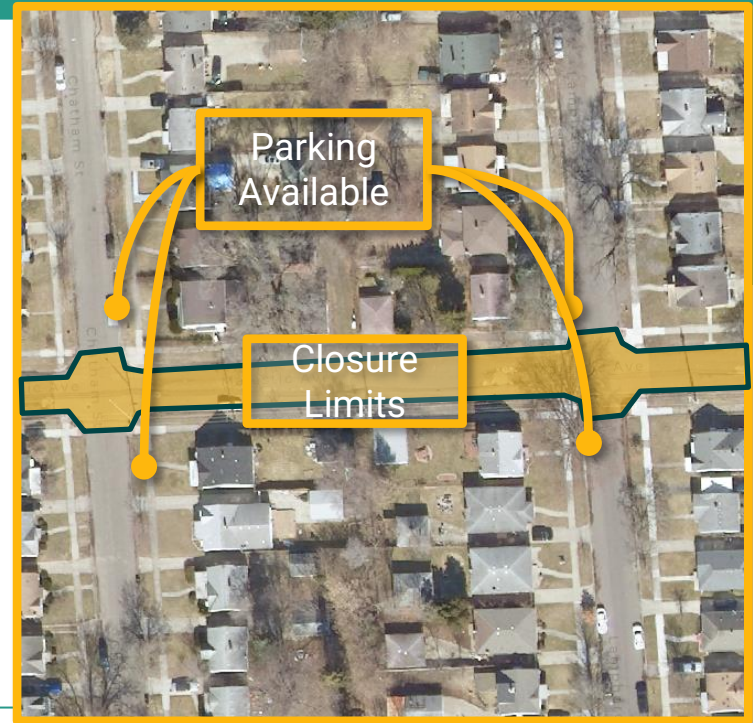
ROAD RESTORATION PHASE

ROAD CLOSED TO ALL TRAFFIC



Impacts to Majestic Street Residents

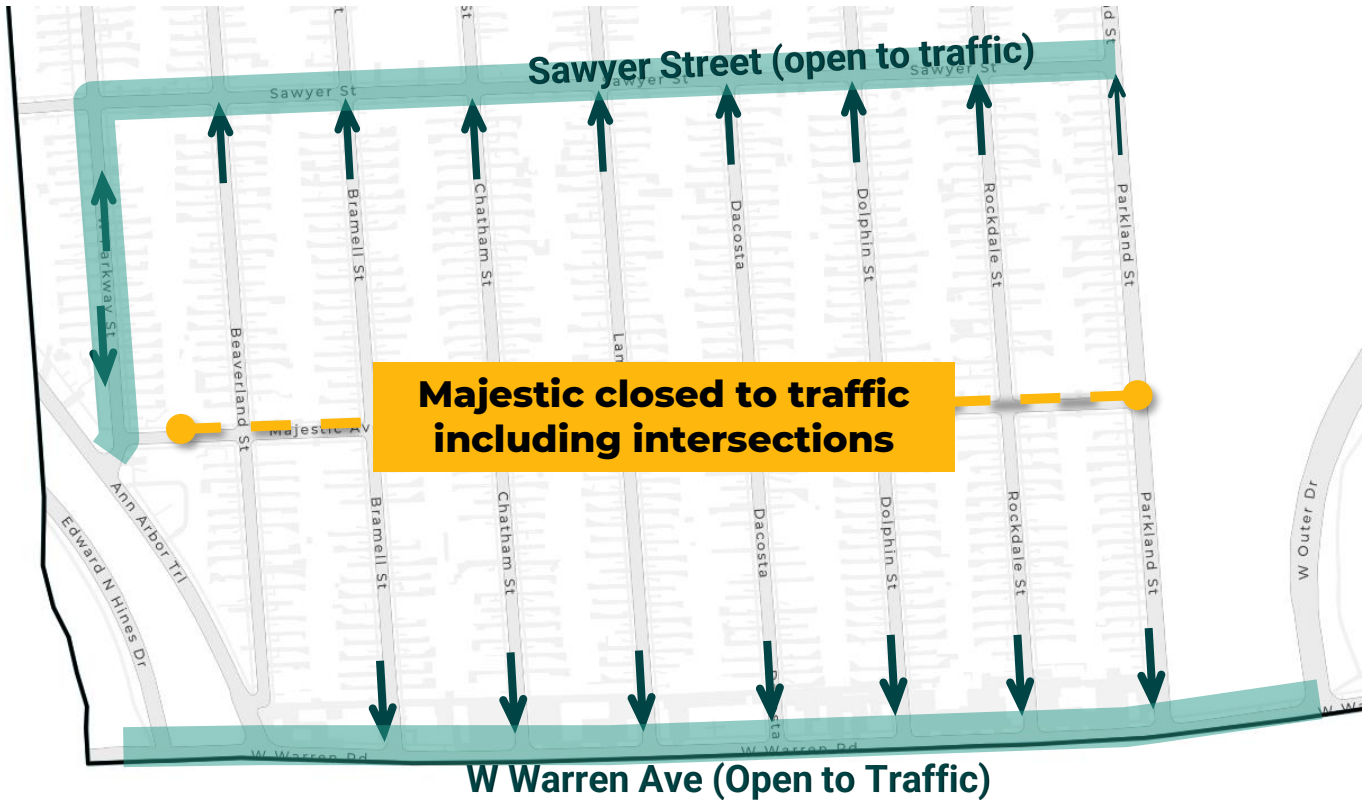
- Garage access restricted to sidewalk only
- No parking on Majestic
 - (utilize north-south streets during active work)



Majestic Street Work – Traffic Pattern

Two-way traffic maintained on Sawyer and W Warren

Parkland detour is Sawyer, W Parkway and Ann Arbor Trail



Parkland Street Construction

**LOOKING SOUTH
TOWARDS CONSTANCE**

Lawn areas, sidewalks and driveways will be replaced only when impacted by the work.

1. Half of road pavement removed
2. Storm sewer and new catch basins installed
3. Sewer trenches backfilled
4. Trenches will be restored with compacted gravel
5. Streets will be repaved with concrete curb and gutter

**NORTHBOUND CLOSED TO
TRAFFIC**

**SOUTHBOUND OPEN TO
LOCAL TRAFFIC ONLY**



Winter 2024 Work

2024 Construction



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Winter 2024 Work



Sawyer Street

- Installation of new sewer pipes and structures along Sawyer
- New asphalt and concrete roadways
- Sidewalk, driveway and lawn restoration
- Starting Winter of 2024 and continuing into the summer

Sawyer Sewers and Road Restoration

Communication and Outreach



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Communication During Construction

- As construction approaches, residents will be notified of upcoming work with door hangers.
- Vehicles should be moved when work is planned.
- Follow all construction signage and stay out of work zone areas.



COMMUNICATION: DURING CONSTRUCTION

WAYS YOU CAN STAY INFORMED:

List Serv

- Sign-up today or send your name and email address to: dwsd-publicaffairs@detroitmi.gov
Subject line: **"Far West Detroit Project"**
- Public Affairs Construction Line: 313-880-2812

Project Updates

- Monthly e-mail messages to the community

Project Progress Meetings

- A neighborhood-wide meeting will be held at the end of each construction season.



Questions?

Thank You



313-880-2812



DWSD-publicaffairs@detroitmi.gov



www.detroitmi.gov/dwsd



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