

Winter 2024 Update

Far West Detroit Stormwater Improvement Project

January 18, 2024



Water & Sewerage
Department



Agenda

- **Greetings and Introductions**
- **Water and Sewer Systems and Project Overview**
- **Progress Report**
- **Upcoming 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)

City of Detroit

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

Major Contracting (Contractor)

Fadi Moussa
Michael Scappaticci

OHM Advisors (Consultant)

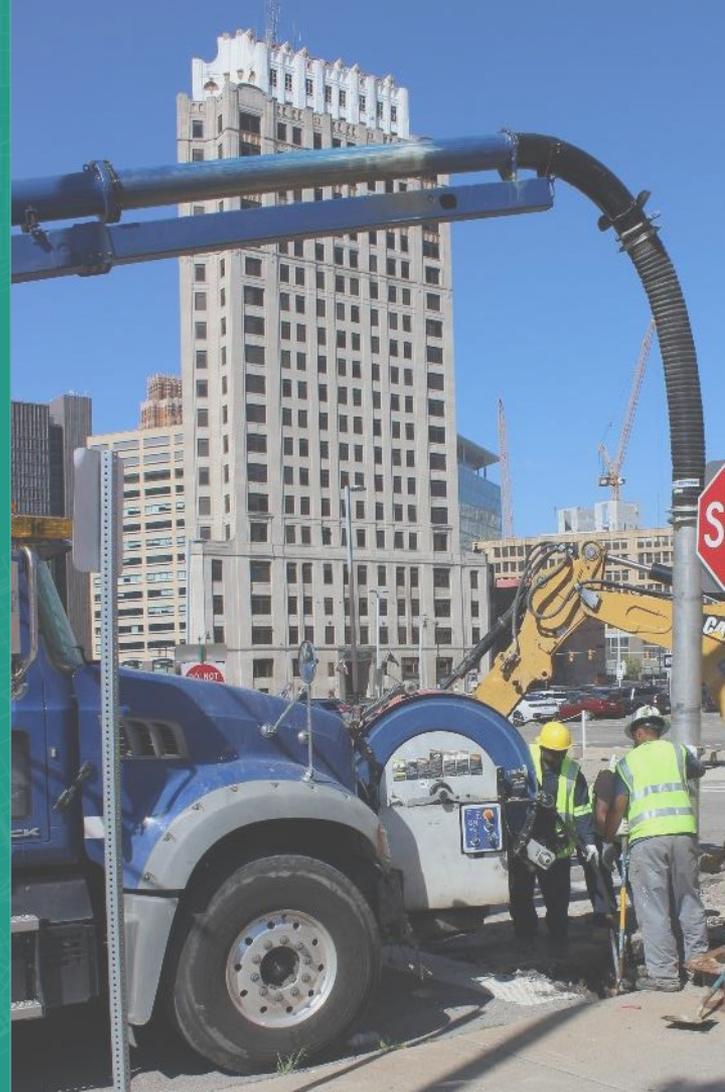
Doug Busko (Construction Engineering)
Patrick Droze (Design Coordination)



Water and Sewer Systems

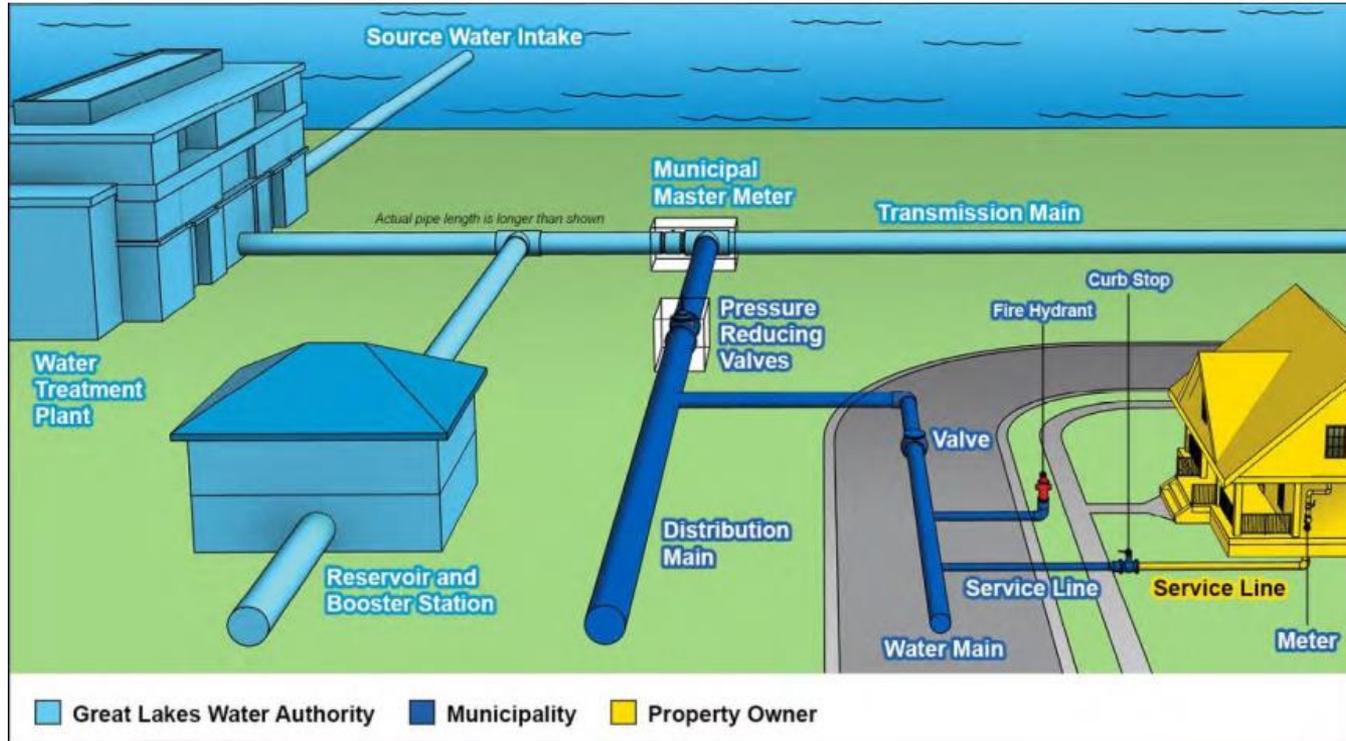


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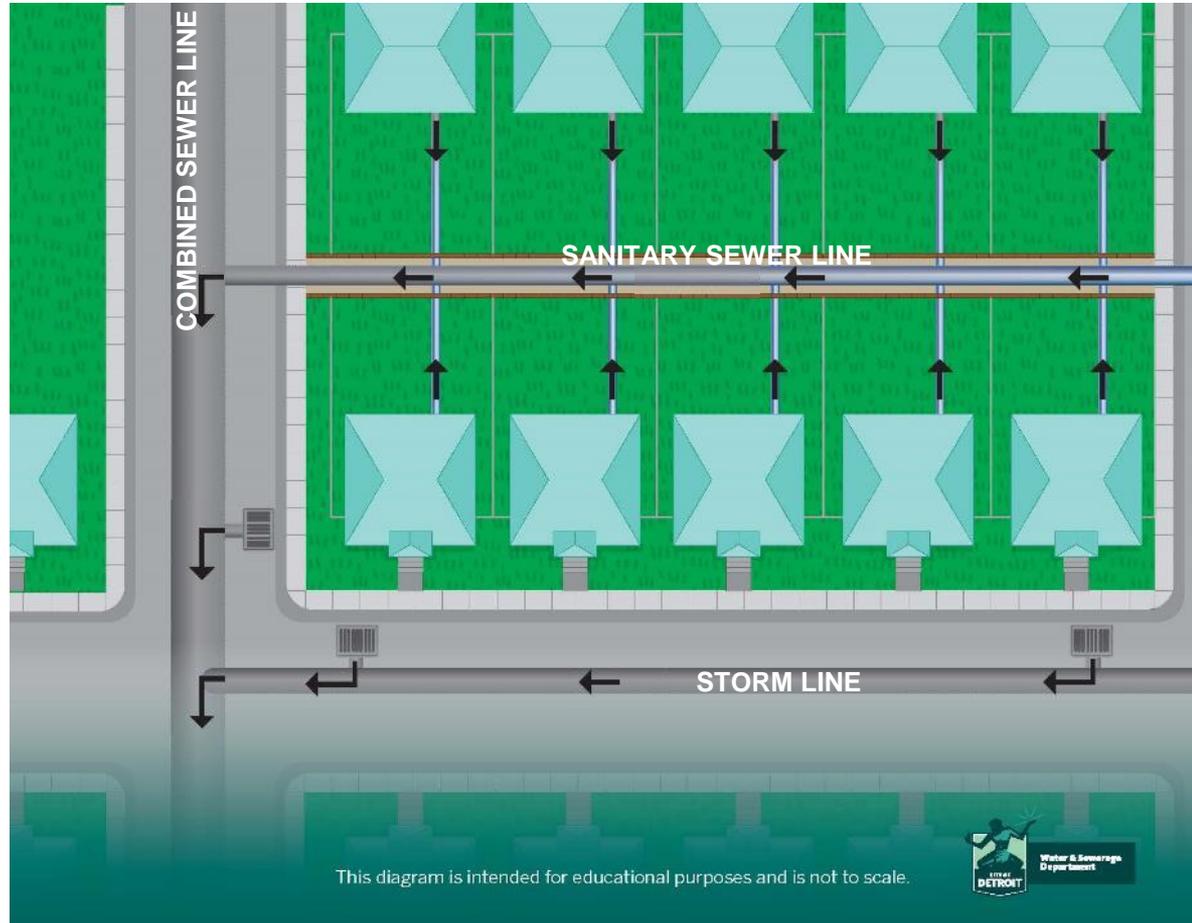
Water System

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.



This diagram is intended for educational purposes and is not to scale.



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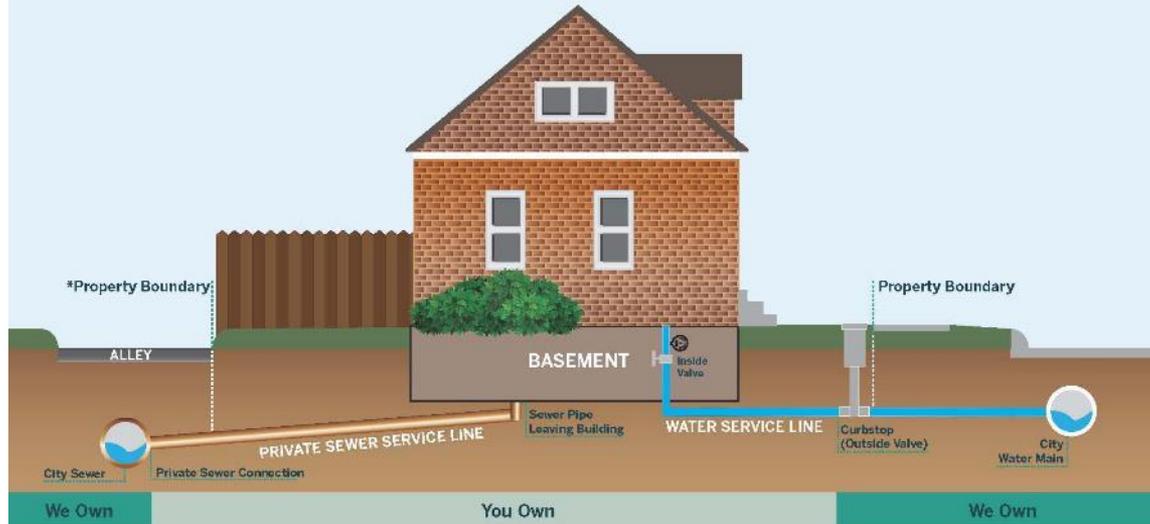
Water and Sewer Systems – Private Responsibility

YOUR RESPONSIBILITY AND OURS

THE WATER AND SEWER LINE FROM YOUR HOME



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Project Overview

Far West Detroit Stormwater
Improvement Project



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FAR WEST DETROIT STORMWATER IMPROVEMENT PROJECT

DRAINAGE IMPROVEMENTS

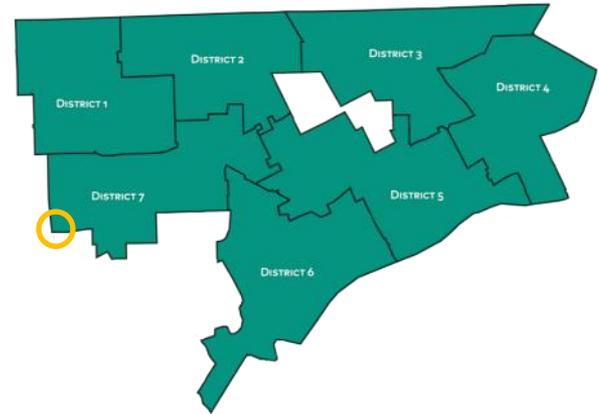
- 25,000 feet of new drainage piping
- 2 water quality basins
- 1000+ residential downspout disconnections

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

Progress Report



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Project Schedule Review

**Ground
Breaking**
7/2022

**Water Main
Installation
Begins**
9/2022

**Start of North Basin
Construction**
11/2022

**Start of South
Basin
Construction**
8/2022

**Start of
Parkland
Sewer**
10/2022

Project Schedule Review

We are here



**Majestic Street
Construction**
2/2023

**Majestic
Road
Restoration**
9/2023

**Parkland
Street
Restoration**
9/2023

**Winter 2024
Community
Meeting**
1/2024

**Completion
of Majestic
Sewer**
7/2023

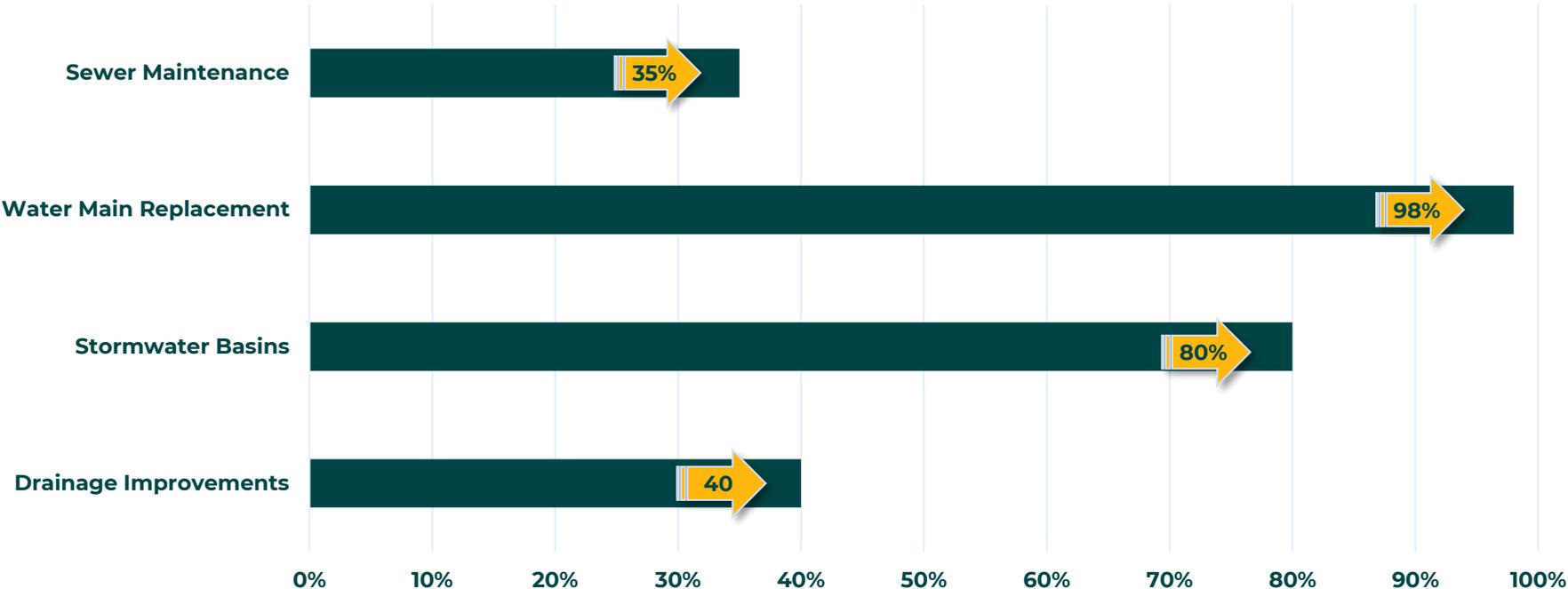
**Completion
of North
Basin**
8/2023

**Sawyer
Street
Construction**
1/2024



Construction Progress

Construction Status





Stormwater Basin Construction

- Basin construction has been substantially completed.
- Remaining work includes final grading and restoration around the perimeter.





Sewer and Street Reconstruction

- New storm and sanitary sewer installation substantially complete along Parkland, Majestic and Belton.
- Nearly 0.8 mile of reconstructed roadways.



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Drainage Improvements

CONSTRUCTION STATUS UPDATE Drainage Work (As of 1/16/2024)

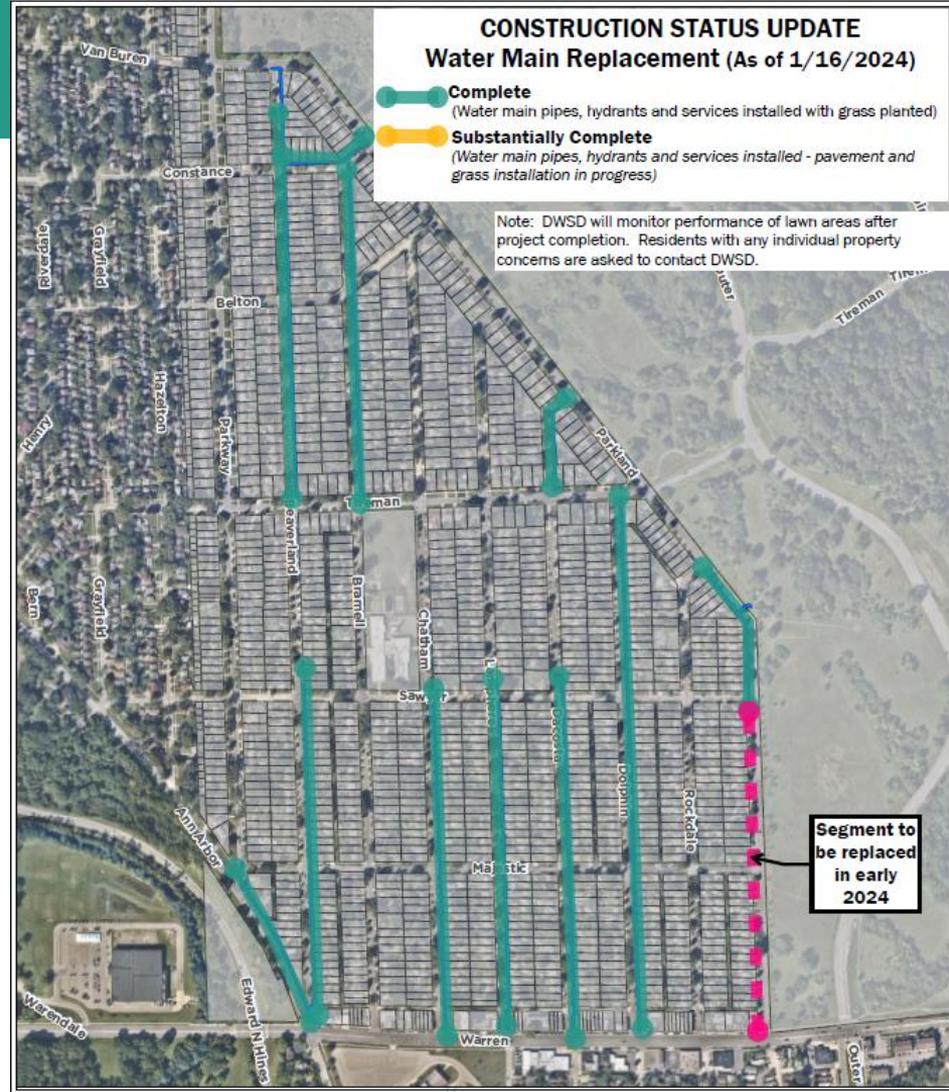
- Complete**
(Drainage/sewers installed, pavement placed and grass planted)
- Substantially Complete**
(Drainage/sewers installed, pavement placed, awaiting restoration)
- In Progress**
(Sewers installed or being placed, awaiting pavement and restoration)



- Storm sewer along Majestic, Parkland and Belton (to Beaverland) are complete.
- The north and south stormwater basins have been graded and restored.
 - Note that areas surrounding the south basin are still under construction awaiting seeding and tree restoration.

Water Main Improvements

- The planned water main installations throughout the neighborhood are complete. This includes new water main and water service replacements.
- Additional work on Parkland between W Warren and Sawyer will occur in 2024.



Upcoming Work

2024 Winter and Spring Construction



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2024 Winter and Spring Work



Sawyer Street

- Combined sewer followed by storm sewer installation
- Full reconstruction of roadway, impacted sidewalks and driveways
- Now through Summer 2024

W Parkway Storm Sewer

- Storm sewer and drainage structures (Belton to Parkland)
- Storm sewer trench repair, paving and restoration
- Starting spring 2024

Parkland Water Main

- Water Main replacement from W Warren to Sawyer
- Starting Spring 2024

Sawyer Street Sewer and Reconstruction

- 2024 Winter and Spring Construction



Sawyer Street Construction – Existing Conditions

**LOOKING WEST TOWARDS
ANN ARBOR TRAIL**



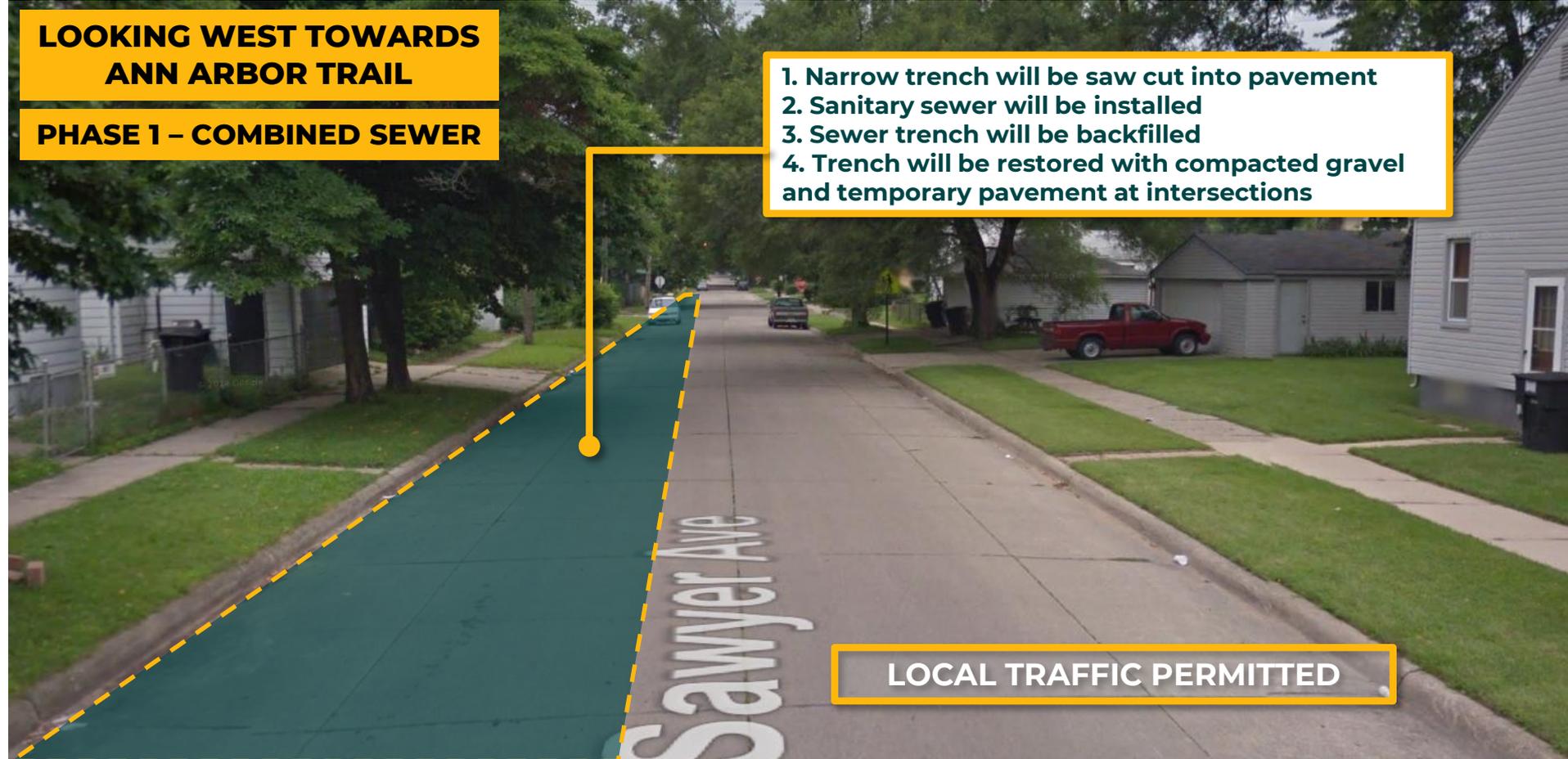
Sawyer Street Construction – Phase 1 (January – March 2024)

**LOOKING WEST TOWARDS
ANN ARBOR TRAIL**

PHASE 1 – COMBINED SEWER

1. Narrow trench will be saw cut into pavement
2. Sanitary sewer will be installed
3. Sewer trench will be backfilled
4. Trench will be restored with compacted gravel and temporary pavement at intersections

LOCAL TRAFFIC PERMITTED



Sawyer Street Construction – Phase 2 – April 2024-Summer 2024

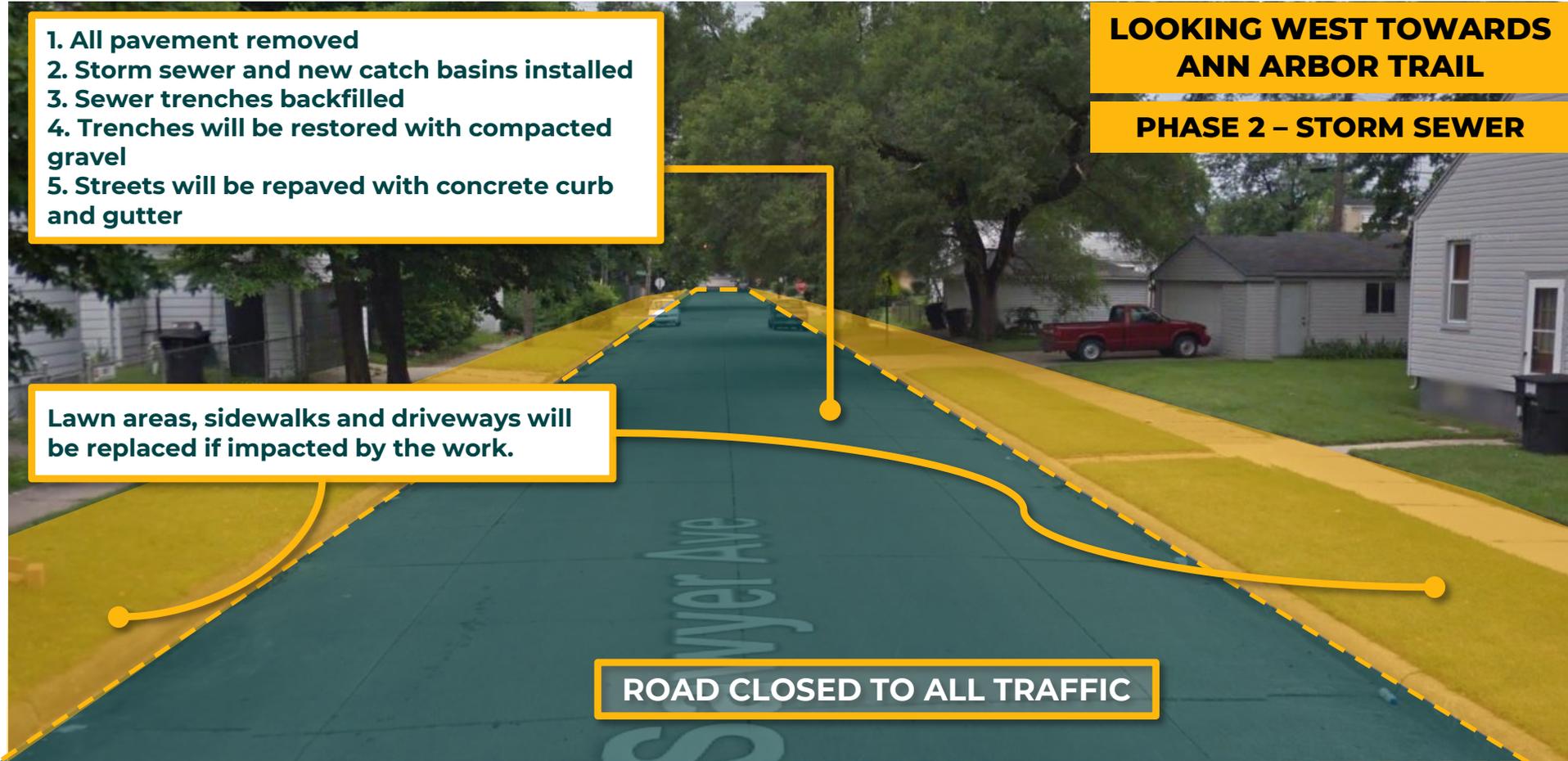
1. All pavement removed
2. Storm sewer and new catch basins installed
3. Sewer trenches backfilled
4. Trenches will be restored with compacted gravel
5. Streets will be repaved with concrete curb and gutter

**LOOKING WEST TOWARDS
ANN ARBOR TRAIL**

PHASE 2 – STORM SEWER

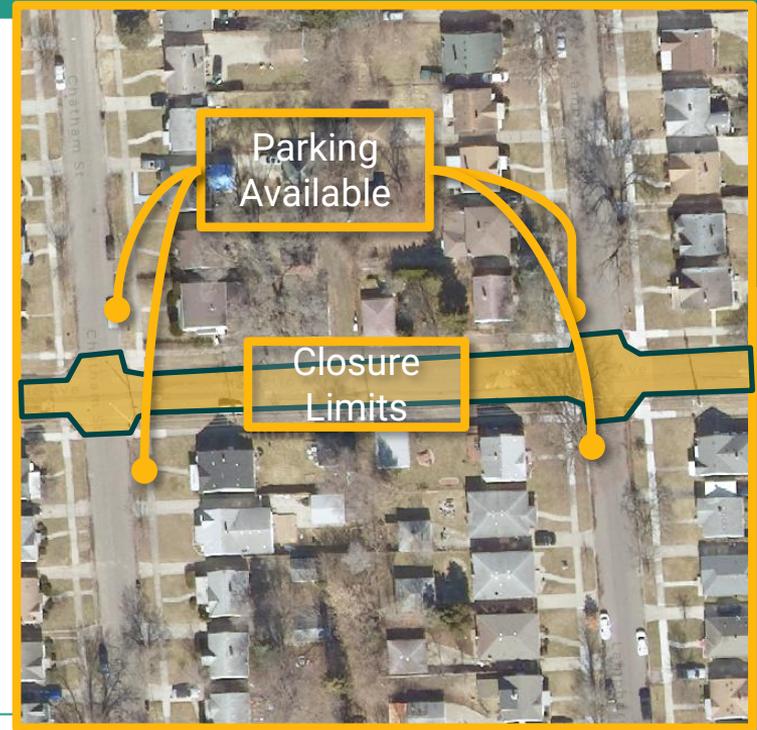
Lawn areas, sidewalks and driveways will be replaced if impacted by the work.

ROAD CLOSED TO ALL TRAFFIC



Impacts to Sawyer Street Residents

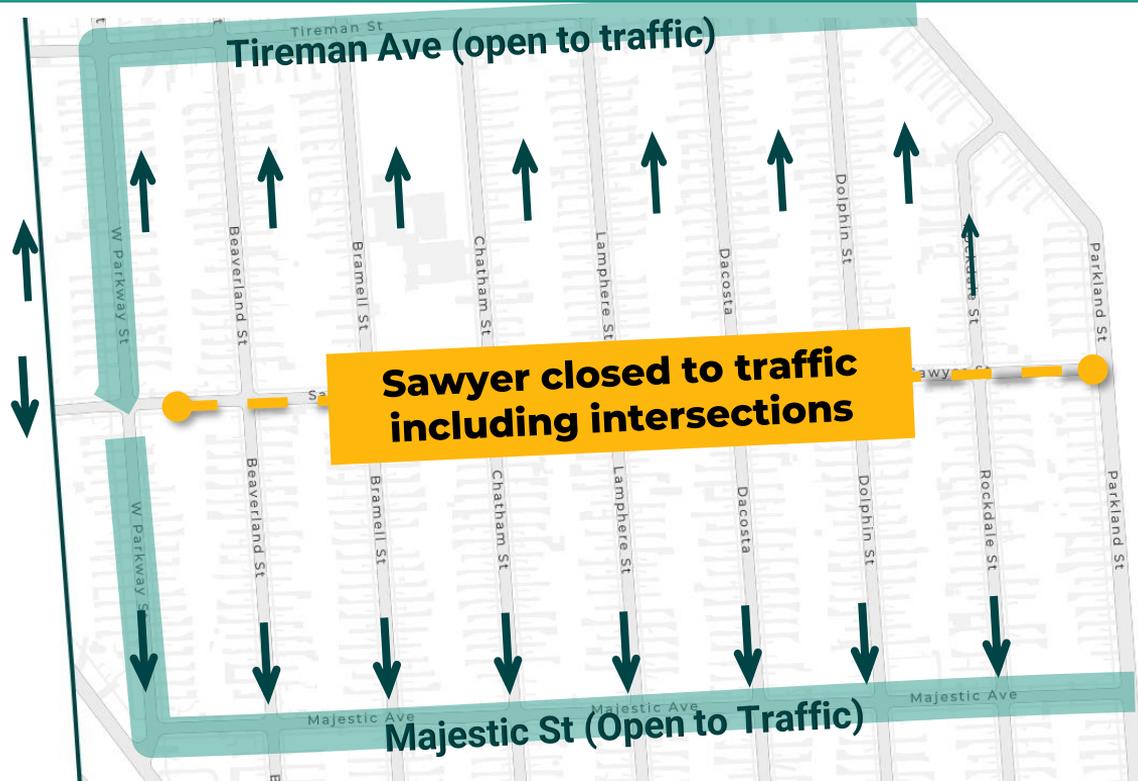
- Garage access restricted to **sidewalk only**
- No parking on Sawyer
 - (utilize north-south streets during active work)



Sawyer Street Work – Traffic Pattern

Two-way traffic maintained on Tireman and Majestic

Parkland detour is Tireman, W Parkway and Majestic



School Impact

- **During construction, parking will be prohibited on Sawyer Street.**
- **Minor impacts to Chatham and Bramell Street anticipated as sewer construction occurs.**
- **Access to Tireman Avenue will be maintained throughout Sawyer Street Construction.**
- **DWSD will communicate directly with the school to help minimize disruptions.**

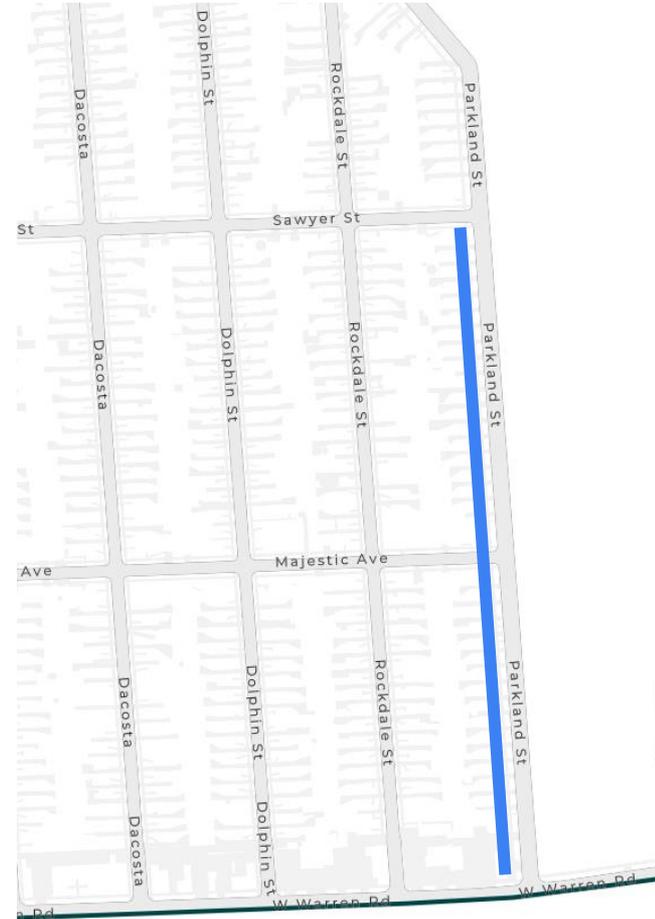


Water Main Replacement

- 2024 Construction

Water Main

- Water main replacement planned on Parkland between W Warren and Sawyer Street.
- Work will include replacement of any encountered lead service lines.
- Impacted residents will receive additional information via door hangers prior to construction.
- Work anticipated in 2024 by a separate DWSD contractor.



Rouge Park Progress

- 2024 Planned Construction

Rouge Park Progress

- North and South Basins nearing completion.
- Remaining work includes earthwork hauling east of Outer Drive, final grading and native prairie seeding.
- Spring work will include additional tree planting.
- DWSD contractors will perform maintenance to help ensure plants and trees survive and thrive.
- DWSD is working with the Friends of Rouge Park on final restoration plans for areas east of Outer Drive.



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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