



**Water & Sewerage
Department**

Far West Detroit Stormwater Improvements Project

April 26, 2022 - Neighborhood Informational Meeting

Agenda



- Greetings and Introductions
- Project Overview
 - What work in the neighborhood looks like
 - What work in Rouge Park looks like
 - Project Schedule & Phasing
- Communication & Outreach
- Questions and Answers

Greetings and Introductions



Project Team



Detroit Water and Sewerage Department

Palencia Mobley (Deputy Director)
Lisa Wallick (Field Services Director)
Bryan Peckinpaugh (Public Affairs)
Ericka Meah-Williams (Construction Manager)
Sarah Stoolmiller (Stormwater Engineer)
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)

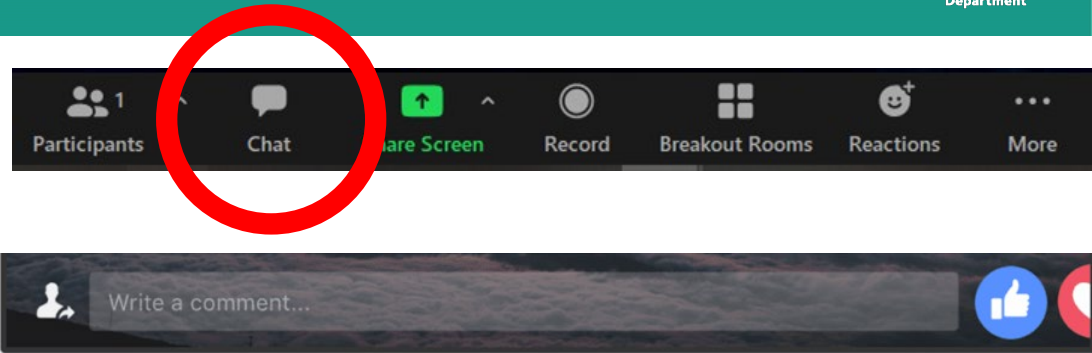
Nina Kelly (Engagement)
Jon Daggy (Construction Engineering)
Patrick Droze (Design Coordination)

How to Participate



Zoom Participants:
Send questions or comments
using the 'Chat' tool

Phone Participants:
Press *6 to Unmute,
then *9 to Raise Hand



This presentation will be posted to: detroitmi.gov/stormwater

Meeting Protocols



- **All participants will be muted** during the presentation to ensure a smooth and successful meeting.
 - We will ask for your questions at the end of the presentation. We ask that you please wait for these opportunities to ask questions.
 - If you have further questions, please email DWSD-publicaffairs@detroitmi.gov
-

Project Overview



DWSD Capital Improvement Program



Since 2019, the Detroit Water and Sewerage Department (DWSD) has taken a data-driven approach to upgrade the water and sewer systems and is investing about \$100 million a year.

The Capital Improvement Program (CIP) leverages the \$50 million annual lease payment from the Great Lakes Water Authority as well as operational improvements at DWSD.

The investment for this year include projects in your neighborhood.



DWSD Capital Improvement Program

DWSD has **invested \$300M in capital improvement projects since 2019.**

- This includes water main, hydrant and lead service line replacement,
- sewer lining and replacement,
- and green stormwater infrastructure installations.

Condition assessments and other data are used to determine necessary upgrades .

To date, DWSD and our contractors have:

- Replaced **85 miles** of water main and more than **1,335** lead service lines,
- Replaced or lined **60 miles** of sewer collection piping,
- and Installed **12 bioretention gardens.**

DWSD crews are also performing **preventative maintenance tasks.**



FAR WEST DETROIT STORMWATER IMPROVEMENTS PROJECT



DRAINAGE IMPROVEMENTS

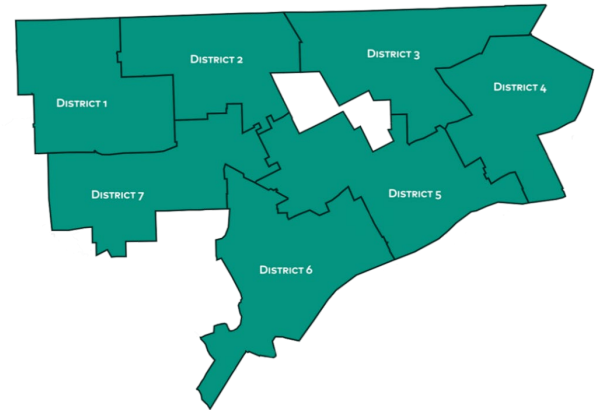
- 25,000' of new drainage piping
- 2 Water Quality Basins
- 1000+ Residential Downspout Disconnections

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

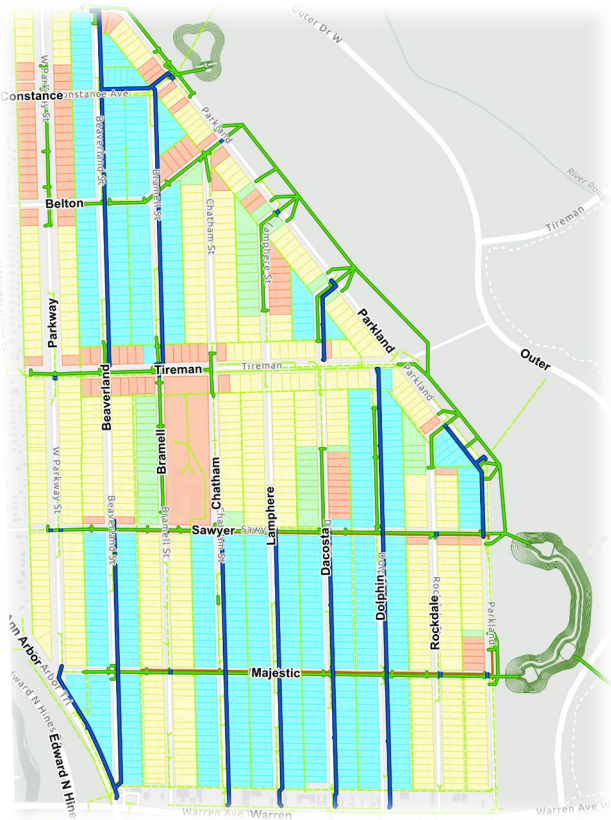
Schools: Ann Arbor Tr. Magnet School










Parks: Rouge Park

Work in the Neighborhood



Work in the Neighborhood



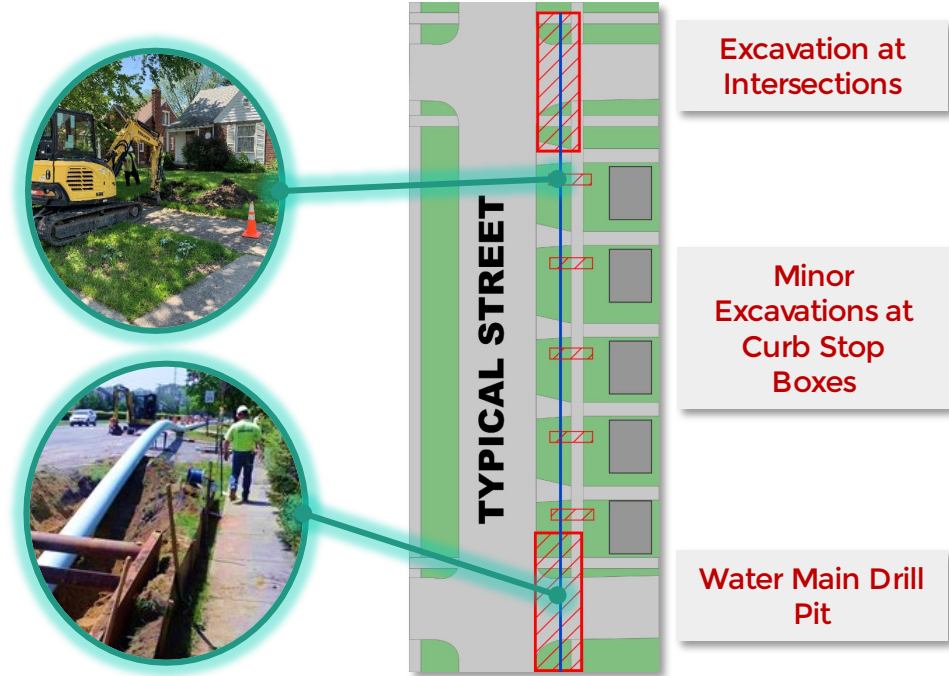
-  Proposed Water Main
-  Existing Storm Sewer
-  Proposed Sanitary
-  Proposed Storm
-  Stormwater Basins
-  Water service not impacted
-  Work nearby, service may not be exposed
-  Service will be exposed for improvements
-  Water service will be replaced during project



Work in Streets – Water Main

Water Main Replacement

- Water main installation will be “trenchless” to limit disruption to streets and sidewalks.
- Existing utilities may be “potholed” to locate crossings. Excavations will be protected with temporary fencing.
- New water main installation may result in temporary closures and/or reconstruction of driveways.



Activity on Residential Property

Lead Service Line Replacement (AS NEEDED)

Note: Not all streets or homes will be eligible for Lead Service Line Replacements

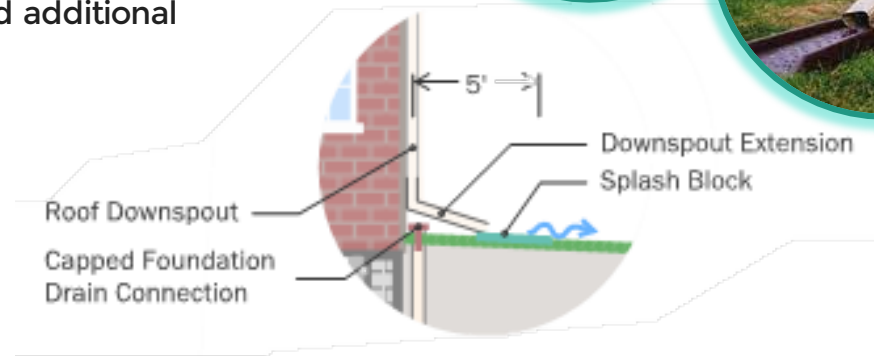
- The stop box will be excavated to confirm material type.
- If a lead service is identified, a new water service will be directionally drilled from street to home and a new connection will be made at water meter in the basement.
- Residents where work may occur should have received an information packet.
- Updated process will have inspector/contractor visit home to have agreement signed if lead service line exists.



Activity on Residential Property

Downspout Disconnections (AS NEEDED)

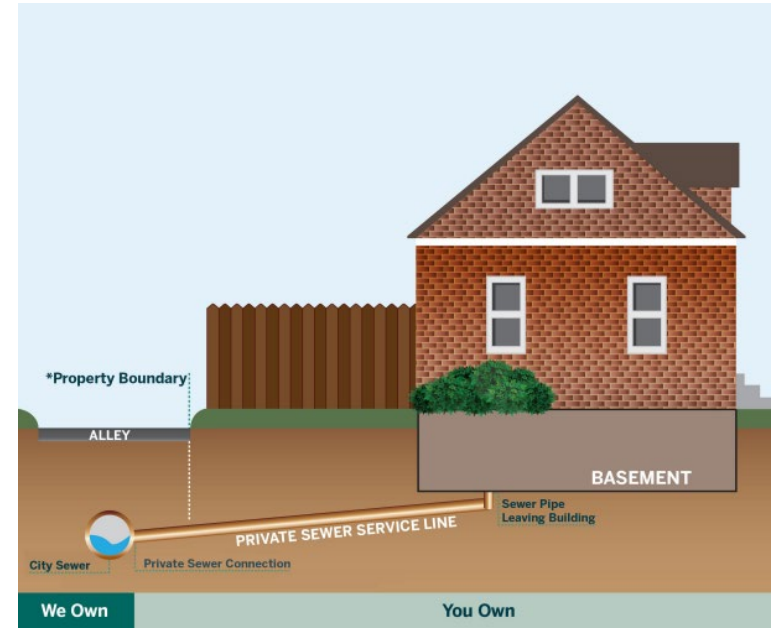
- Each home in the neighborhood will have an inspections scheduled to review downspout connections.
- Any downspouts that can easily be directed to lawn and garden areas will be disconnected by contractors.
- Residents will receive door hangers and additional information in advance of the work.



Activity on Residential Property

SEWER REPAIRS

- Portions of some sewers in rear yard/alley will be cleaned and lined.
- Some rear yard manholes will be rehabilitated which will involve excavation, grading and restoration.
- During the lining work, some residents may experience non-toxic odors.
- Residents will receive door hangers and additional information in advance of the work.



What to Expect



Water & Sewerage
Department

DWSD and contractors provide **advance notification** of construction.

- Lead Service Line Replacement Program packet with agreement form (if home is slated for a water service upgrade).
- Door hanger notices will be delivered one week prior to construction on that specific street.

Construction is disruptive and dirty – we will take every effort to reduce impact.

- Equipment may be staged on an empty lot with owner's permission, on the right-of-way and/or in alleys.
- Tree trimming or removal may take place in order to access the pipes and other infrastructure.
- If sewer pipes are being lined, you may smell a non-toxic odor temporarily
- Workers will follow COVID-19 safety protocols.

IMPORTANT INFORMATION
from Detroit Water
and Sewerage Department

Water System Upgrades

The Detroit Water and Sewerage Department (DWSD) is upgrading and enhancing the water system in your neighborhood. Contractors will replace or line the water main and replace lead service lines (where they exist).

The contractor will arrive on _____ between _____ and _____ (time) and _____ (time) within 7-14 days to begin construction. During construction please use the water pitcher filter and cartridge that was provided at your door.

What you should expect

During construction it is DWSD's intention to minimize inconveniences to residents and businesses. However, you should expect the following:

- Brief interruptions of water supply when a new service line is being connected to the system. Every attempt will be made to inform impacted residents and businesses prior to disruption and service is generally restored the same day. Please contact DWSD Customer Care if you do not have water service for more than six hours or overnight.
- Water main work may require some hydrants to be out of service intermittently. These hydrants will be tagged as out of service and DWSD will coordinate with the Detroit Fire Department with up to date information.
- Contractors will have large trucks and heavy equipment. For the safety of everyone in the neighborhood, please keep a safe distance from all machinery.
- Construction will bring some noise, dirt and debris to the neighborhood.
- There may be traffic impediments, but residents and businesses will have access. You should also expect street closures and restrictions to street parking during construction. Please try to avoid parking on impacted streets.
- Lanes, sidewalks and driveways may be disturbed. Contractors will return to restore property. Temporary restorations may occur before permanent work is completed during April - October when weather permits.

Continued on the back

What to Expect



Contractors are required to alert customers of any service interruptions.

- Separate notices will be issued depending on if it's water or sewer service interruptions.
- Please follow the instructions.

Water main and lead service line replacement notices have **flushing instructions** – please follow the steps.

Property restoration, such as lawns, sidewalks, driveways and fences occur after construction and as weather permits and between April – October.

IMPORTANT INFORMATION
from Detroit Water
and Sewerage Department

Temporary Interruption
Water System Upgrades

Upgrades are near completion on the water system for your street. The final phase of the upgrades requires a temporary interruption in your water service.

Your water service will be temporarily interrupted while contractors work to connect your home to the upgraded water main and/or new copper service line (after lead service line replacement). You will have no water service to your property between _____ (line and date) and _____ (line and date). Once work is complete you will receive a notice indicating you may resume use of the water service.

What you should expect

During construction it is DWSD's intention to minimize inconveniences to residents and businesses. However, you should expect the following:

- Once water is restored you may notice some discoloration. Please follow the flushing instructions on the back of this door hanger. Please note that if you have a lead service line, replacement you should flush for 20 minutes.
- Water main work may require some hydrants to be out of service intermittently. These hydrants will be tagged as out of service and DWSD will coordinate with the Detroit Fire Department with up to date information.
- There may be traffic impediments, but residents and businesses will have service. You should also expect street closures and restrictions to street parking during construction. Please try to avoid parking on impacted streets.
- Lawns, curbs, fences and other property may be disturbed. Contractors will return to restore property. Temporary restorations may occur before permanent work is completed during April - October when weather permits.

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Work in Rouge Park



Estimated Timeline (Subject to Change)

JOY ROAD

Fall 2022

OUTER DRIVE

NEIGHBORHOOD ACCESS TO
ROUGE PARK TRAIL SYSTEM, TYP.

TRAIL CONNECTORS TO EXISTING
ROUGE PARK TRAILS, TYP.





Late 2022

TIREMAN

Spring 2022
through fall
2022

WARREN ROAD

LEGEND

-  PURPLE TRAIL - PRAIRIE PATH
-  YELLOW TRAIL - PARKLAND TRAIL
-  GREY TRAIL - SOUTH BASIN LOOP, TBD
-  DWSD MAINTENANCE ACCESS

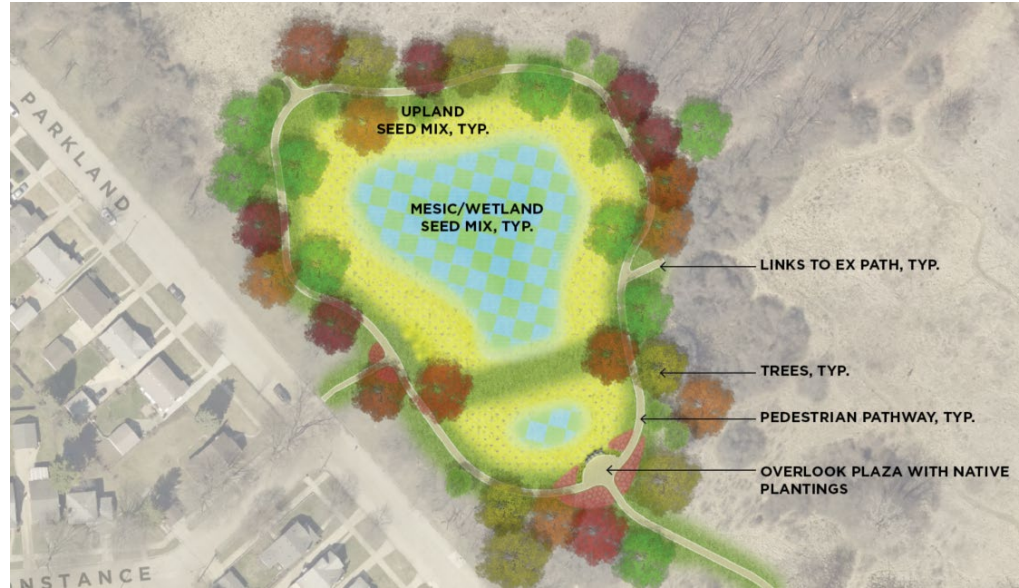
South Basin (Majestic/Sawyer) Overview

- DWSD contractors will excavate a broad, 15' deep linear stormwater basin within Rouge Park near Majestic and Sewer at Parkland Street.
- The basin will slow stormwater and allow for filtration before discharge to the Rouge River.
- Basins will be restored with Stormwater Mix and Prairie Seed Mixes that include a mix of native flowering plants and grasses and shrubs.
- Excavated material will be placed around the basin to create gentle rolling hills.



North Basin (Constance)

- DWSD contractors will excavate down approximately 10' to create a stormwater detention basin within Rouge Park just east of the intersection of Constance and Parkland.
- This basin holds water and slowly releases flow to the Rouge River.
- The basin area will have a mowed pathway that circulates around the perimeter.
- Basin will be restored with stormwater seed and prairie mixes.



What to Expect this year



Tree Removals

- This will occur near the Rouge River Outfall and locations along Parkland.

Soil Erosion Control Measures

- Silt Fence, protective fencing, Inlet Filters and as-needed roadway scraping and sweeping.

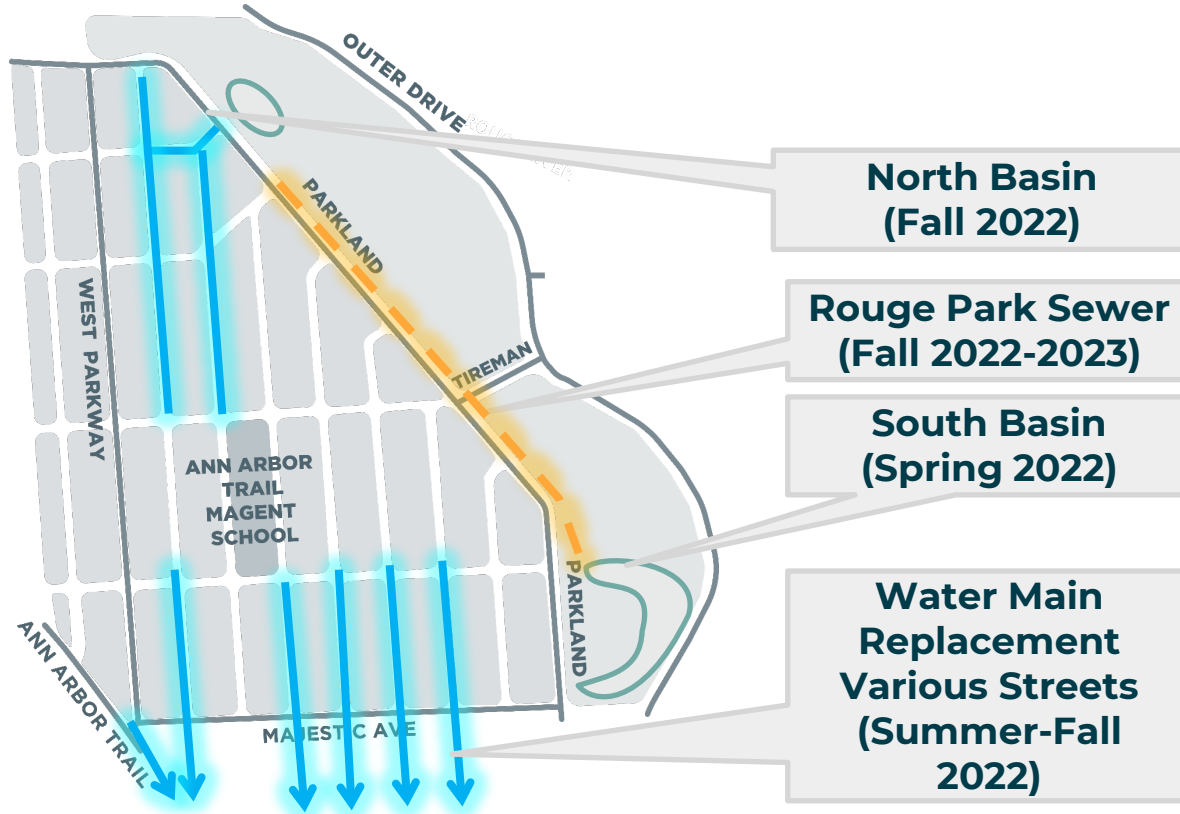
Basin Construction

- Topsoil will be stripped and stockpiled on site.
- The basin excavation will also stockpile material followed by haul-off to other City projects.

Project Schedule and Phasing



Year 1 Work



**North Basin
(Fall 2022)**

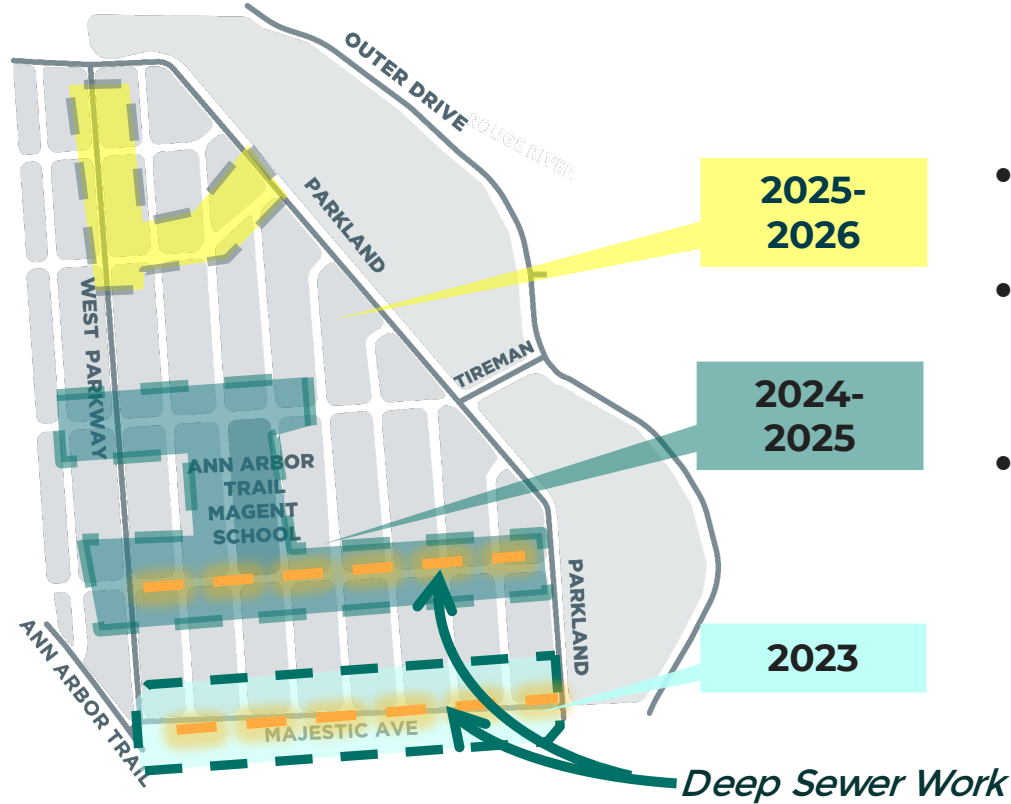
**Rouge Park Sewer
(Fall 2022-2023)**

**South Basin
(Spring 2022)**

**Water Main
Replacement
Various Streets
(Summer-Fall
2022)**

- Stormwater work will begin in the spring in Rouge Park.
- Water Main Work is proposed to start on the southwest side of the neighborhood and work east and then north.
- Street impacts will be limited to intersections for water main connections. Road work will be limited to utility trench repairs.

Year 2-5 Work



- Storm and Sanitary Sewer work on Majestic in 2023 (Full Closure with road reconstruction).
- Storm and Sanitary Sewer work will occur on Sawyer in 2024 (full closure with road reconstruction).
- Half-width construction on adjacent streets in 2025-2026 (Driveway access maintained when possible, as needed pavement repairs to streets and driveways).

Communication and Outreach



COMMUNICATION: DURING CONSTRUCTION



WAYS YOU CAN STAY INFORMED:

LIST SERV:

- Send name and email address to: dwsd-publicaffairs@detroitmi.gov

Subject line: **“Far West Detroit Project”**

- Public Affairs Construction Line: 313.880-2812

PROJECT BRIEFS

- Frequent E-mail messages to the community

STAKEHOLDER DESIGN ENGAGEMENT

- Summer 2022 (Stay engaged for updates)

PROJECT PROGRESS MEETINGS

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



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Questions?



Detroit Water & Sewerage Department

Email: DWSD-publicaffairs@detroitmi.gov

Public Affairs Construction Line: 313.880-2812

For more information visit: www.detroitmi.gov/dwsd

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