

Far West Detroit Stormwater Improvements

# Majestic Street Winter Work

January 26, 2023



Water & Sewerage  
Department



# Agenda

- **Greetings and Introductions**
- **Water and Sewer Systems**
- **2022 Year In Review**
- **Majestic Street Winter Work**
- **Communication & Outreach**
- **Questions and Answers**

# Greetings & Introductions



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# Project Team

## Detroit Water and Sewerage Department

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

## City of Detroit

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

## Major Contracting (Contractor)

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**Fadi Moussa**  
**Michael Scappaticci**

## OHM Advisors (Consultant)

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**Doug Busko** (Construction Engineering)  
**Patrick Droze** (Design Coordination)  
**Zak Cook** (Construction Inspector)



# Water and Sewer Systems

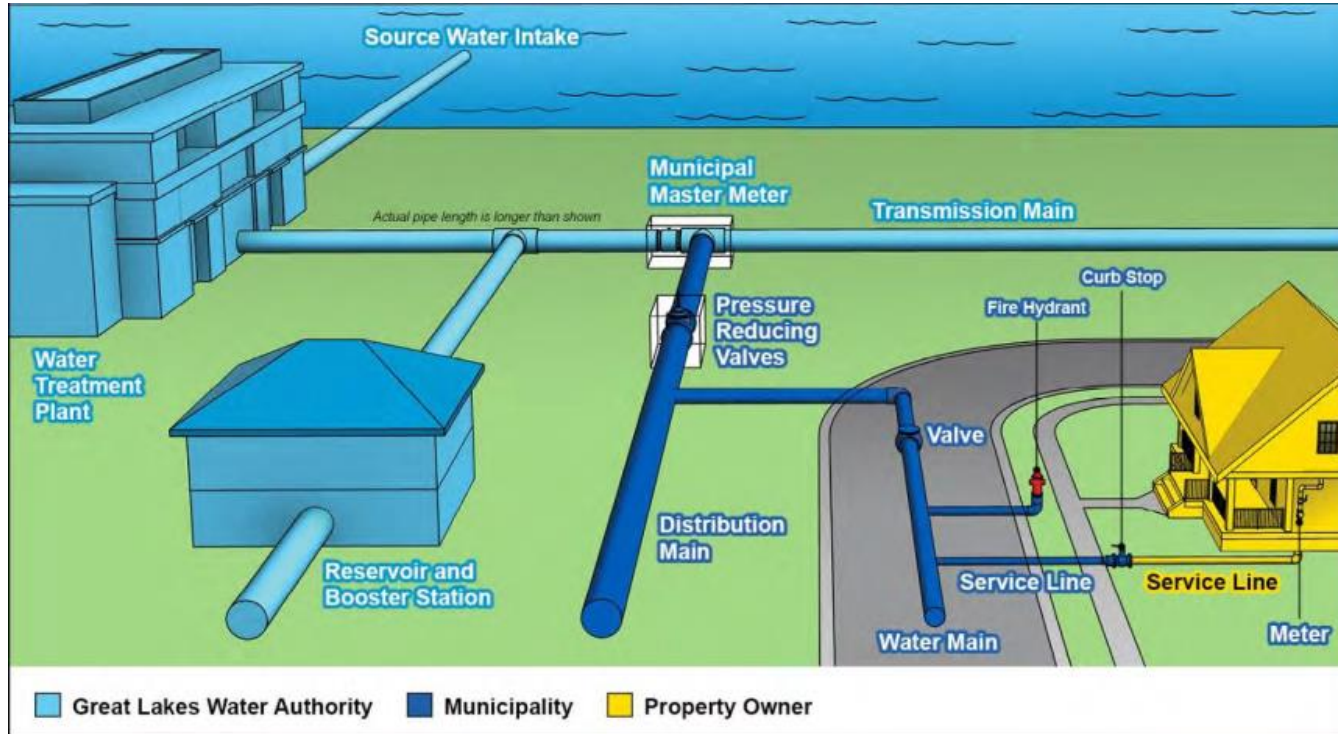


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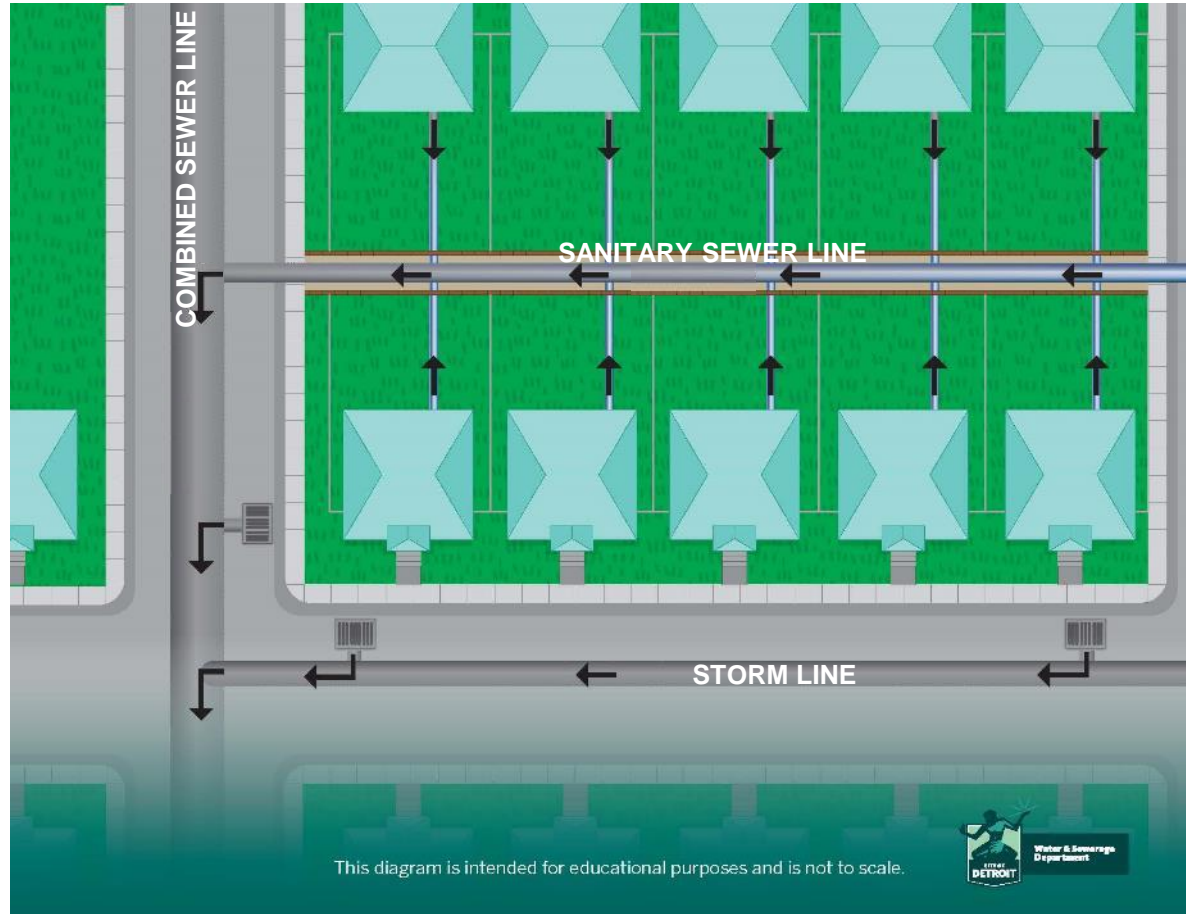
# Water System

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.



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

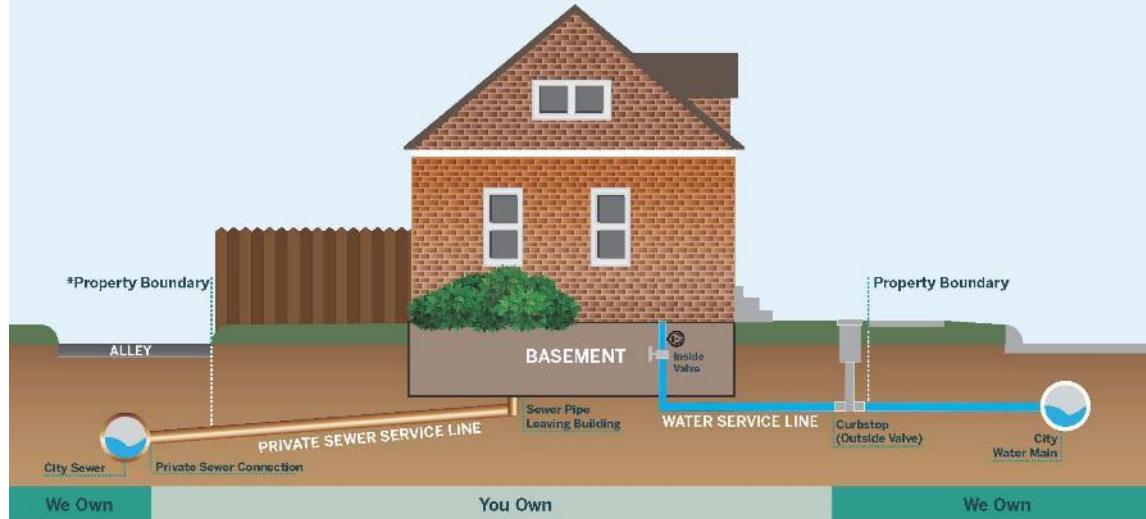
# Water and Sewer Systems – Private Responsibility

## 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  
Improvements Project



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# FAR WEST DETROIT STORMWATER IMPROVEMENTS PROJECT

## DRAINAGE IMPROVEMENTS

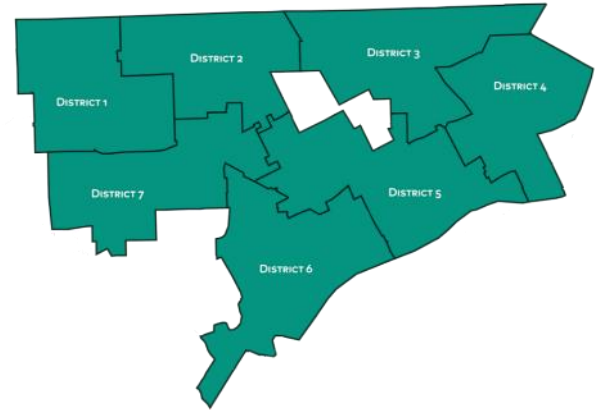
- 25,000' of new drainage piping
- 2 water quality basins
- 1000+ residential downspout disconnections

## 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

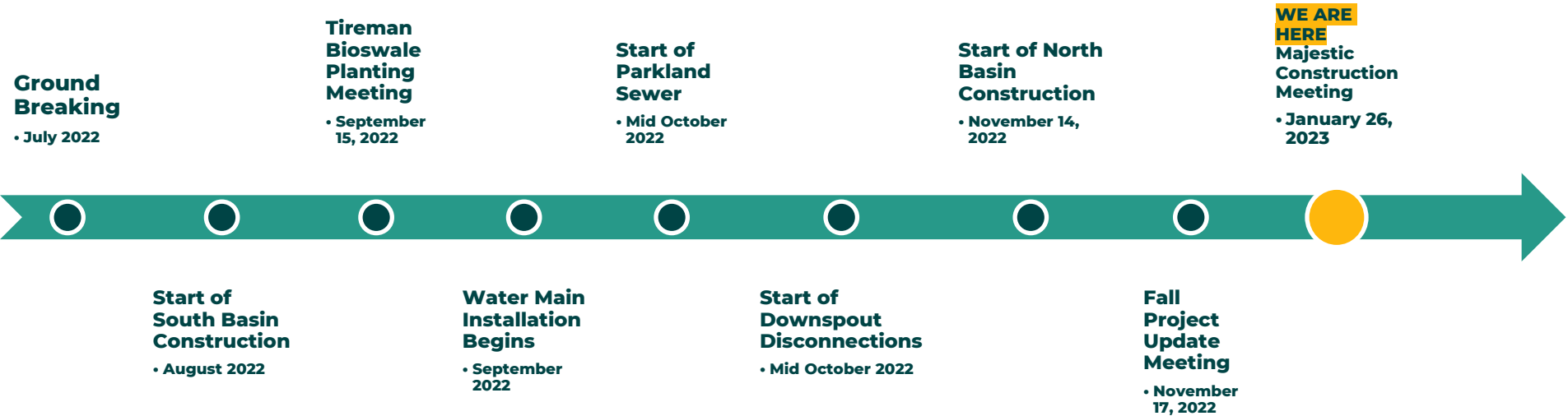
# 2022 Year In Review



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# 2022 Year in Review



# 2022 Progress

JOY ROAD

OUTER DRIVE

NEIGHBORHOOD ACCESS TO ROUGE PARK TRAIL SYSTEM, TYP.

TRAIL CONNECTORS TO EXISTING ROUGE PARK TRAILS, TYP.

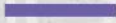



TIREMAN

Fall 2022

Summer 2022

WARREN ROAD

## LEGEND

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



# Rouge Park Restoration

Summary from November Meeting



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# A Community Decision:

## Option 1: Prairie Restoration

This option will restore the area adjacent to the south basin in Rouge Park to an open, prairie space.



## Option 2: Woodland Restoration

This option will include tree and shrub planting along the south basin. The plants will eventually convert the upland space around the basin into a forest ecosystem.





# Findings from Wall Sticker Activity

- Community Indicated a **strong** preference to restore Rouge Park with woodland restoration



# Majestic Street Construction

2023 Construction



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# Majestic Street Construction

- Installation of new sanitary sewer and storm sewers starting at Parkland and extending towards West Parkway
- Sanitary sewer will be installed (Phase 1) followed by storm sewer (Phase 2)
- Work will require closure of Majestic to facilitate construction work and staging of materials
- Traffic will be maintained on all north-south streets with connections at Sawyer and W Warren

# Majestic Street Construction

## Benefits of Winter Work:

- Allows for some of the project's most invasive work to occur at a time when residential outdoor activity is at a minimum, instead of taking place during the summer months.
- Allows for sewer work on Majestic to be completed earlier than projected.
- Generally, far less dust during winter construction due to the cooler temperatures (hot dry days create more dusty job sites).
- Major Contracting will provide snow plowing on streets impacted by the winter work from February through April.
- Major Contracting will restore streets with temporary pavements to ensure streets are clean and passable. They will maintain this temporary pavement.

# Majestic Street Construction – Existing Conditions

**LOOKING WEST TOWARDS  
ANN ABOR TRAIL**



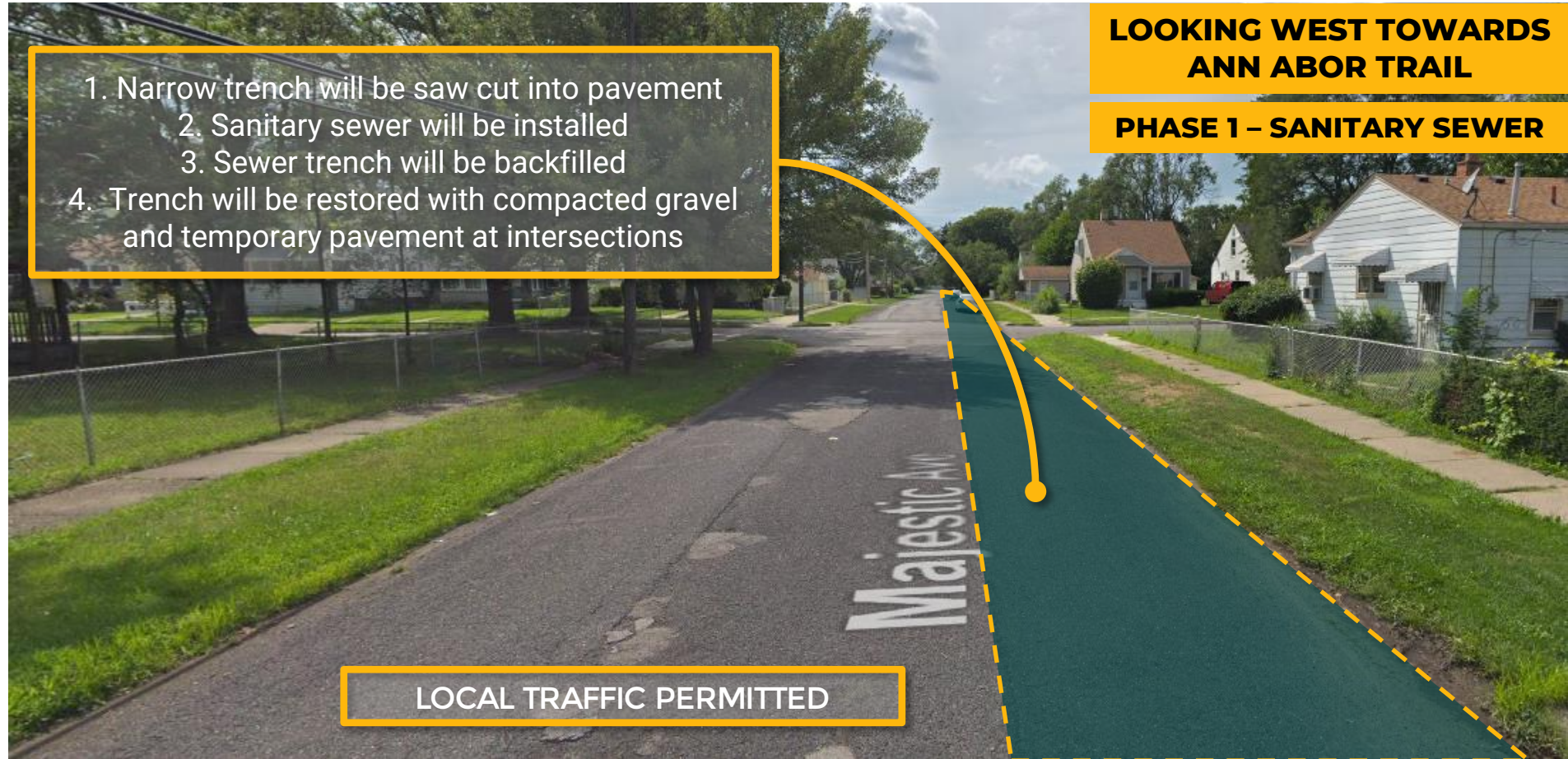
# Majestic Street Construction – Phase 1

**LOOKING WEST TOWARDS  
ANN ABOR TRAIL**

**PHASE 1 – SANITARY 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**



# Majestic Street Construction – Phase 2

**LOOKING WEST TOWARDS  
ANN ABOR TRAIL**

**PHASE 2 – STORM SEWER**

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

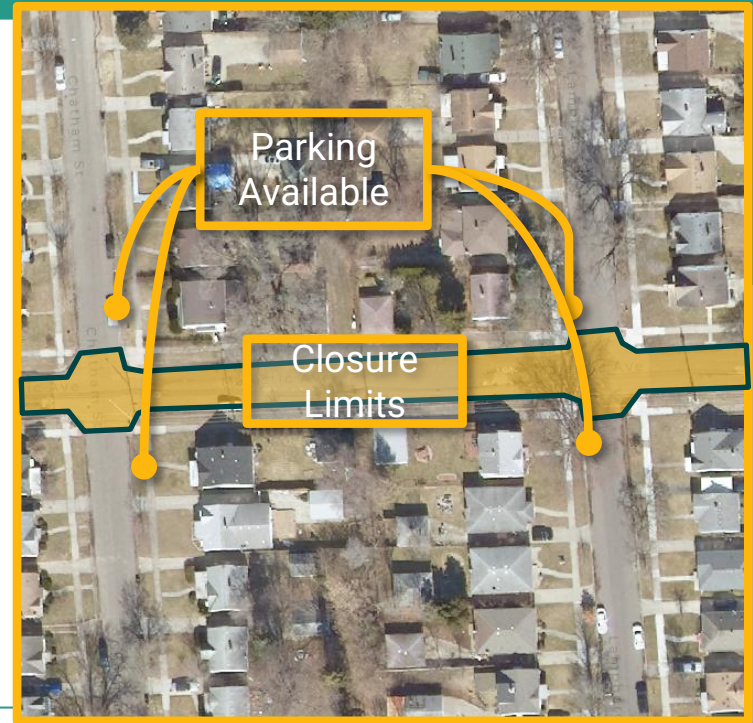
Lawn areas, sidewalks and driveways will be replaced if impacted by the work.

**ROAD CLOSED TO ALL TRAFFIC**



# Impacts to Majestic Street Residents

- Interrupted garage access in Phase 1
- Garage access restricted to **sidewalk only** during Phase 2
- No parking on Majestic during Phase 1 and 2
  - (utilize north-south streets during active work)

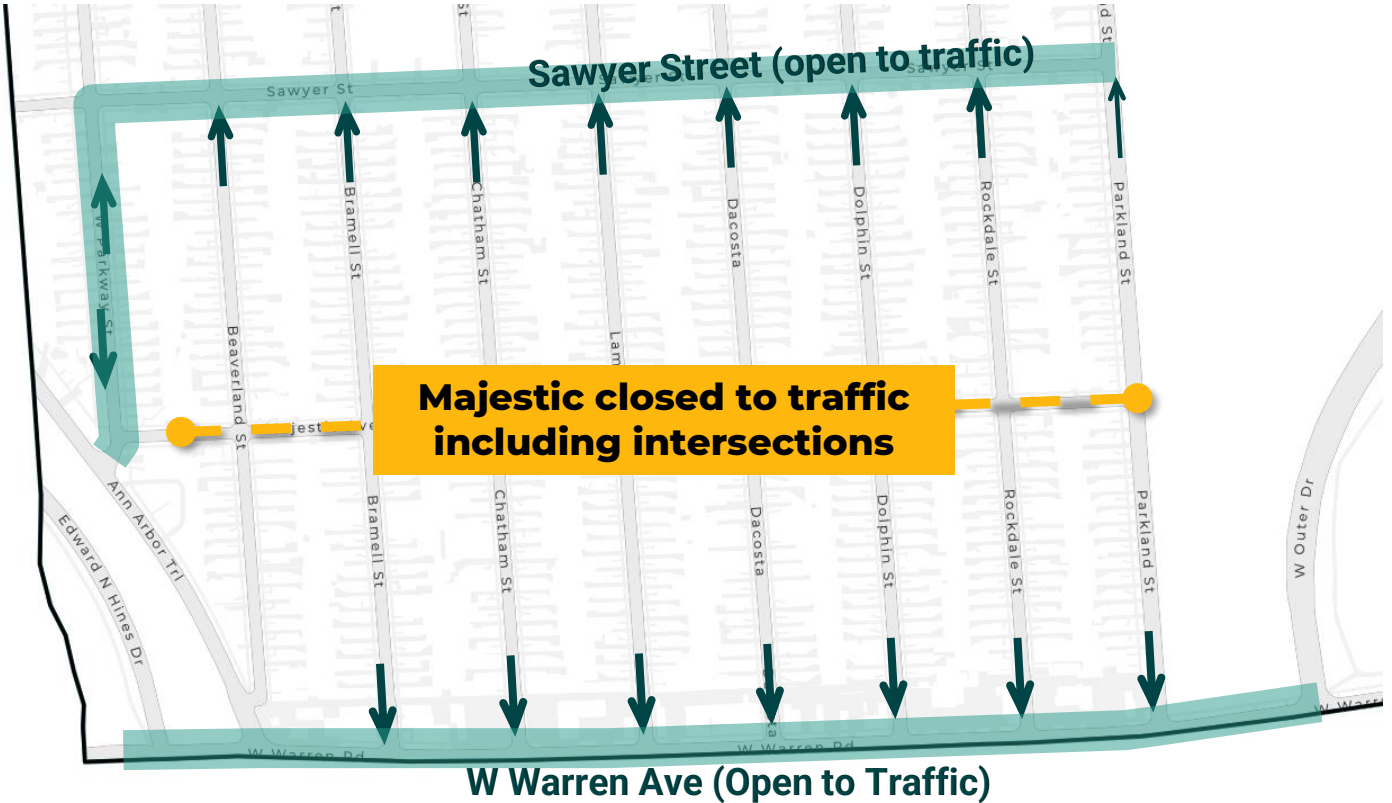




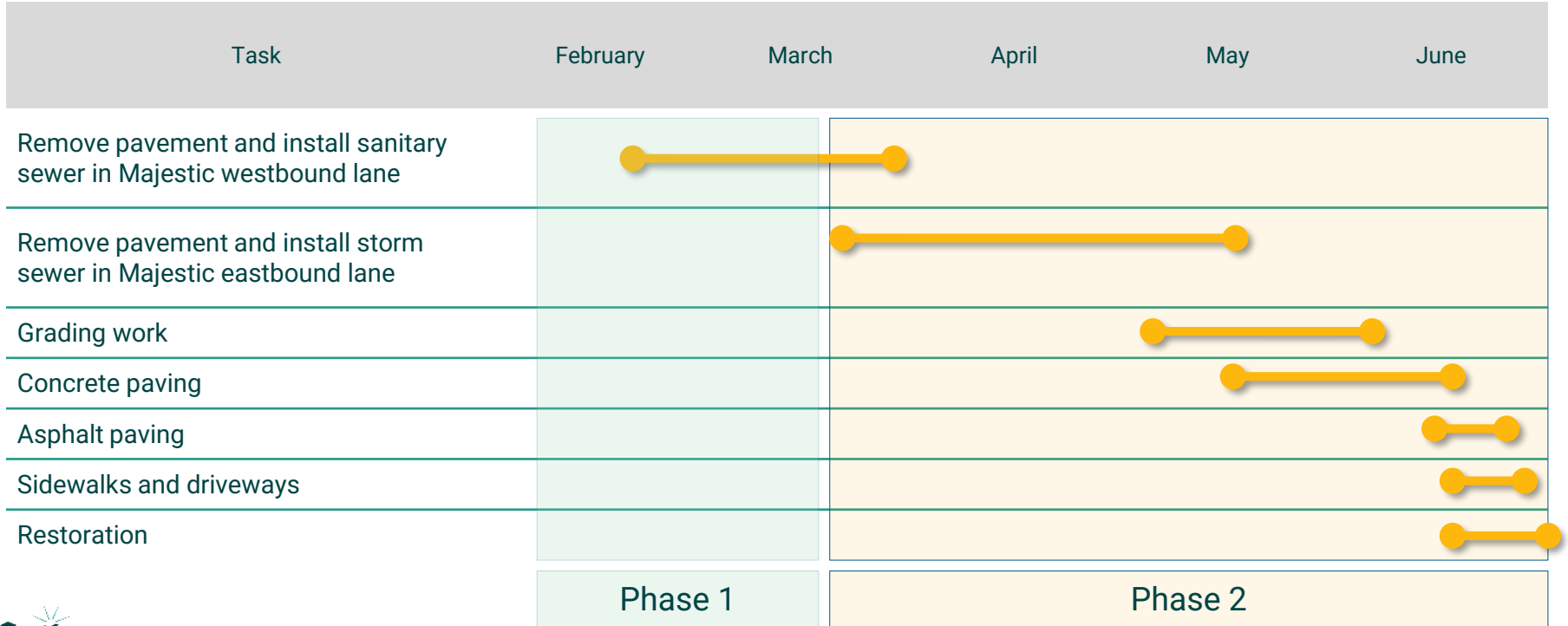
# Majestic Street Work – Traffic Pattern

**Two-way traffic maintained on Sawyer and W Warren**

**Parkland detour is Sawyer, W Parkway and Ann Arbor Trail**



# Majestic Street Work – Tentative Schedule



**Schedule Subject to Change**



## 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 and Outreach



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# COMMUNICATION: DURING CONSTRUCTION

## WAYS YOU CAN STAY INFORMED:

### List Serv

- Send name and email address to: [dwsd-publicaffairs@detroitmi.gov](mailto: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](http://www.detroitmi.gov/dwsd)



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