

March 19, 2025

FY2026 DWSRF Projects

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**Water & Sewerage
Department**



DWSRF Program Overview

Drinking Water State Revolving Fund (DWSRF)

- DWSD will be seeking low-interest DWSRF loan assistance for FY2026.

City of Detroit is well positioned to receive funding based on need.

- Disadvantaged community determination based on debt service on the upcoming loan will be charged to the City customers over time and built into the capital portion of the rate structure.
- DWSD's disadvantaged status allows for a 30-year or 40-year term option instead of 20-year.
- Principal forgiveness subsidy:
 - Previous loan for \$10,000,000 with 100% loan forgiveness for Lead service line replacement.
 - Booker Funding from EGLE-State of Michigan.

DWSRF FY 2026 Water Main Replacement

- The project plan includes two water main replacement projects and five lead service line replacement projects for a total of **\$140M**
- Construction will include:
 - Excavation of existing water mains;
 - Hydro-vac excavation of service lines;
 - Installation of new pipes and rehabilitation of pipes;
 - Replacement of Lead (Pb) Service Lines;
 - Pressure testing;
 - Backfill of the excavation required for piping work; and
 - Restoration of each work site.
- All work to be performed within the existing road right-of-way. **The impact of the project will be improved customer satisfaction and provide safe, reliable service delivery of potable water to customers.**

DWSRF FY 2026 Water Main Replacement

- The temporary impact of construction activities will be minimized through mitigation measures specified in the contract documents.
- Adverse impacts on historical, archaeological, geographic, or cultural areas are not expected.
- This project is necessary to ensure that DWSD will consistently and reliably provide high quality potable water to Detroit residents.
- **The Project Plan describes water mains in critical need of replacement or rehabilitation.**
- The total project cost of this project is currently estimated at **\$140M** of which 100% is being requested through the DWSRF.
 - Approximately \$20M for water main replacement Project A
 - Approximately \$20M for water main replacement Project B
 - Approximately \$20M for each of the five lead service line projects

Project Locations and Scope of Work



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Project A: Water Main Replacement & Rehabilitation in District 5

- DWSD proposes to develop contract number WS-Task 12 with a project scope that includes **replacing and rehabilitating approximately 28,830 linear feet (5.46 miles) of vintage cast iron water main** of pipe size 6-inches and 8-inches in diameter.
 - Full Lead service line replacements (forecasted 458 lead services)
 - **Estimated cost: \$20.0 M**
- **Project locations:** EASTERN MARKET, FOREST PARK, ISLANDVIEW, MEDICAL CENTER, NORTH END, WEST VILLAGE

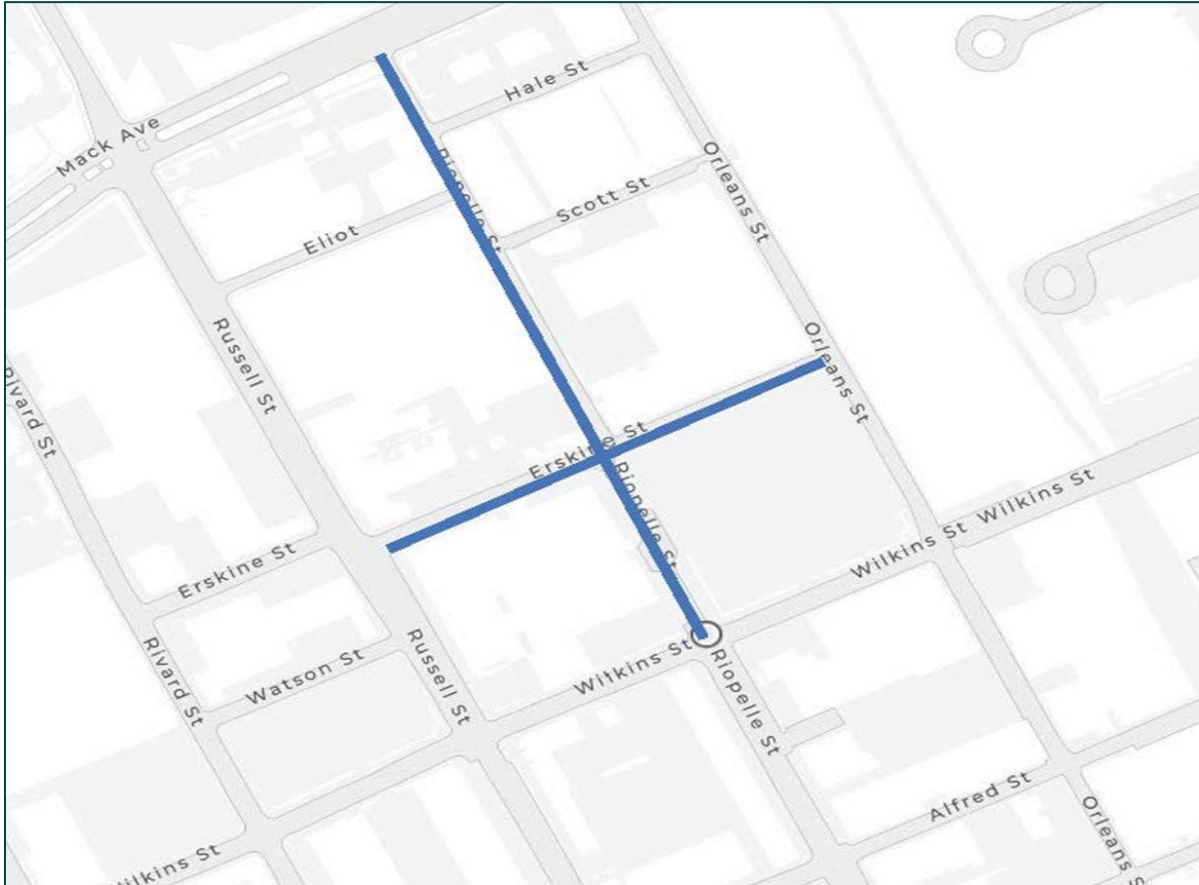
WS-Task 12 Map

Project locations:

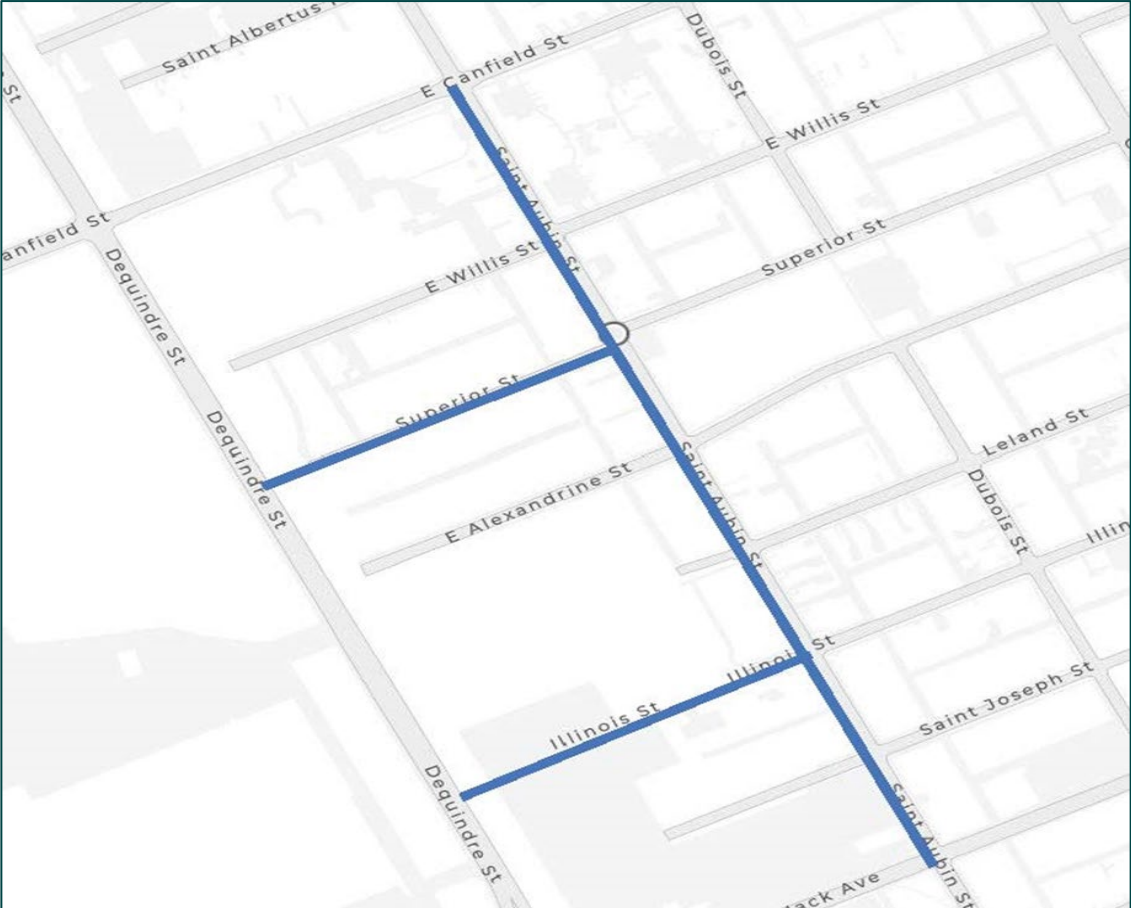
- Eastern Market
- Forest Park
- Islandview
- Medical Center
- North End
- West Village



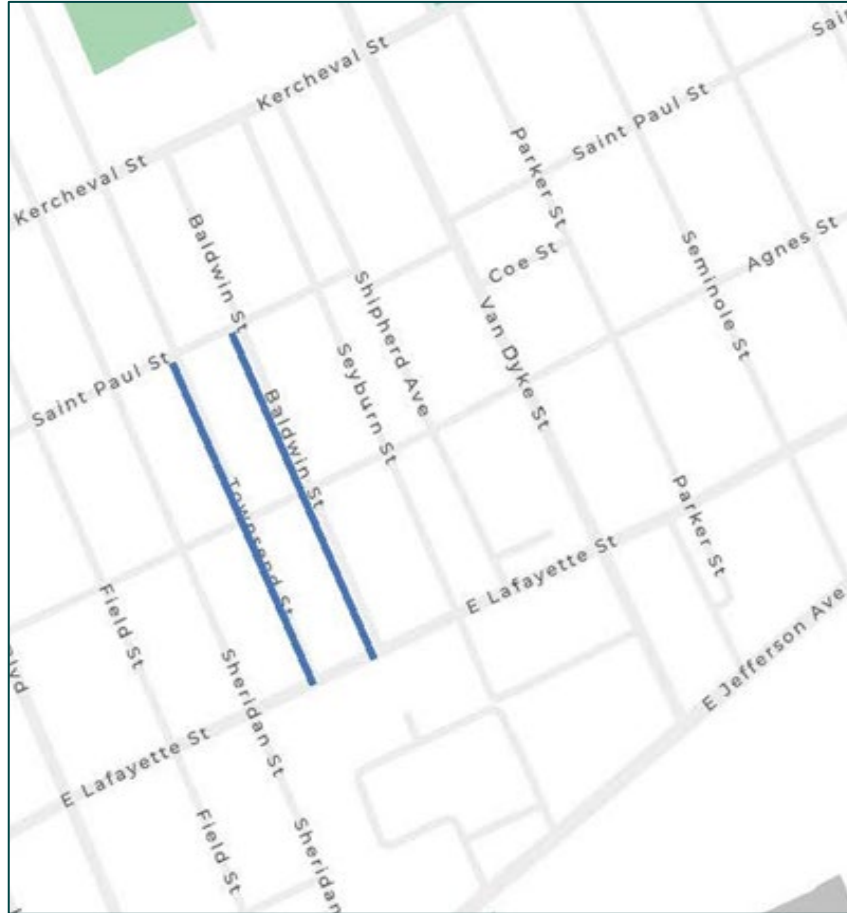
Eastern Market



Forest Park



Islandview



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Medical Center



North End



West Village



Project B: Water Main Replacement & Rehabilitation in District 6

- DWSD proposes to develop contract number WS-Task 13 with a project scope that includes **replacing and rehabilitating approximately 32,230 linear feet (6.1 miles) of vintage cast iron water main** of pipe size 6-inches and 8-inches in diameter.
 - Full Lead service line replacements (forecasted 500 lead services)
 - **Estimated cost: \$20M**
- **Project locations:** CENTRAL SOUTHWEST, HUBBARD FARMS,
MICHIGAN-MARTIN, SPRINGWELLS

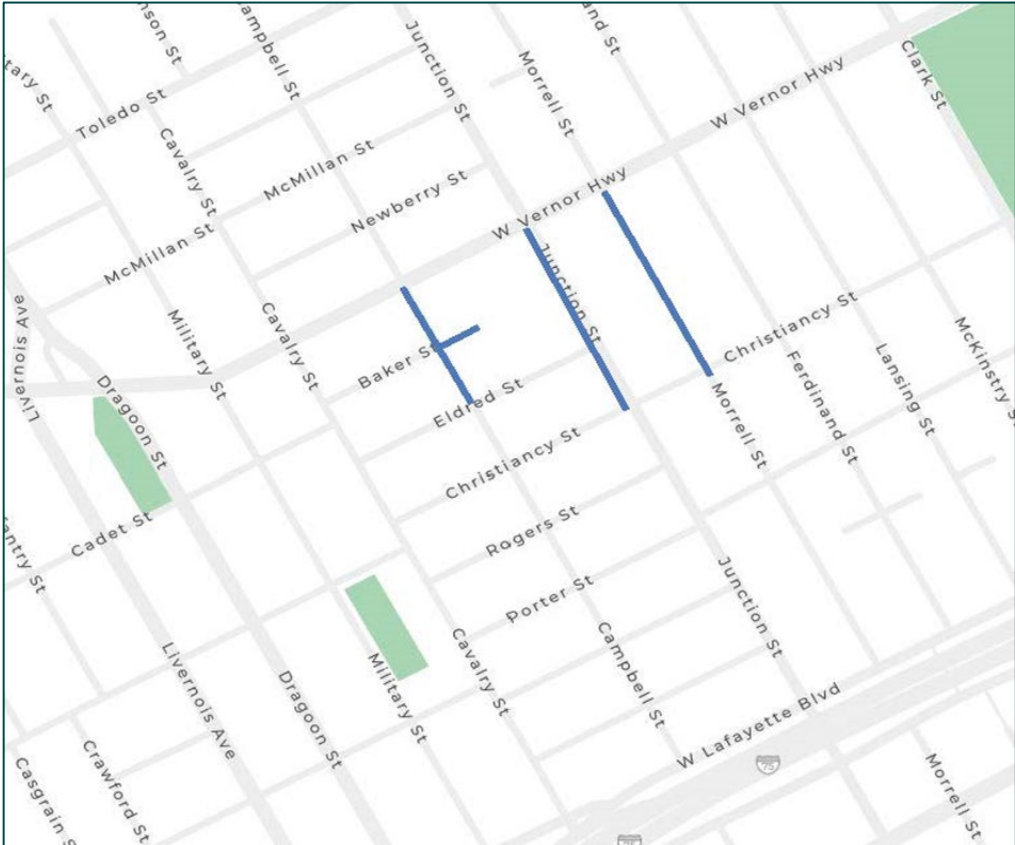
WS-Task 13 Map

Project locations:

- Central Southwest
- Hubbard Farms
- Michigan-Martin
- Springwells



Central Southwest



Michigan-Martin



Springwells



Five Lead Service Line Replacement Projects

- DWSD proposes to develop five contract numbers WS-7XX, ..., & WS-7XX with a project scope that includes **replacing existing lead service lines with copper**.
- **2,000** service lines will be replaced on the public and private sides under **each** of the five projects. The total number of service lines is **10,000** with a forecasted cost of **\$100,000,000**.
- Location of projects: Belmont-Bethune (District 1 & 2)
Cadillac Heights (District 3)
Chandler Park (District 4)
NW Claytown (District 6)
NE Claytown (District 6)

Location of Lead Service Line Replacement Projects

Project locations*:

- Belmont-Bethune
- Cadillac Heights
- Chandler Park
- NW Claytown
- NE Claytown



*Part of the neighborhood is included, not the full neighborhood boundary.

Schedule

Project Plan, Design and Construction



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DWSRF Project Plan Schedule

Draft Project Plan Public Meeting and Board Resolution

• March 19, 2025

GLWA Board Meeting and Board Resolution

• May 2, 2025

Final Project Plan Submitted to EGLE

• June 1, 2025

Bid Ad Published

• January 2026

Construction Begins

• April 2026

Full Board Approval Action

Resolution Approving the Project Planning Document

- DWSD requests the BOWC approve the project planning document by adopting the resolution.

Thank You



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