

Detroit Water and Sewerage Department

FY2025 CWSRF Project

Combined Sewer Rehabilitation on
Selected High-Priority Assets



Water & Sewerage
Department



Funding Opportunity

SRF Program and Federal Grants



State Revolving Funds (SRF) Program Overview

Clean Water State Loan Revolving Fund (CWSRF)

- Low-interest state loan program.

City of Detroit is well positioned to receive significant grants

- Detroit typically qualifies as a Significantly Overburdened Community.

Why SRF Program?

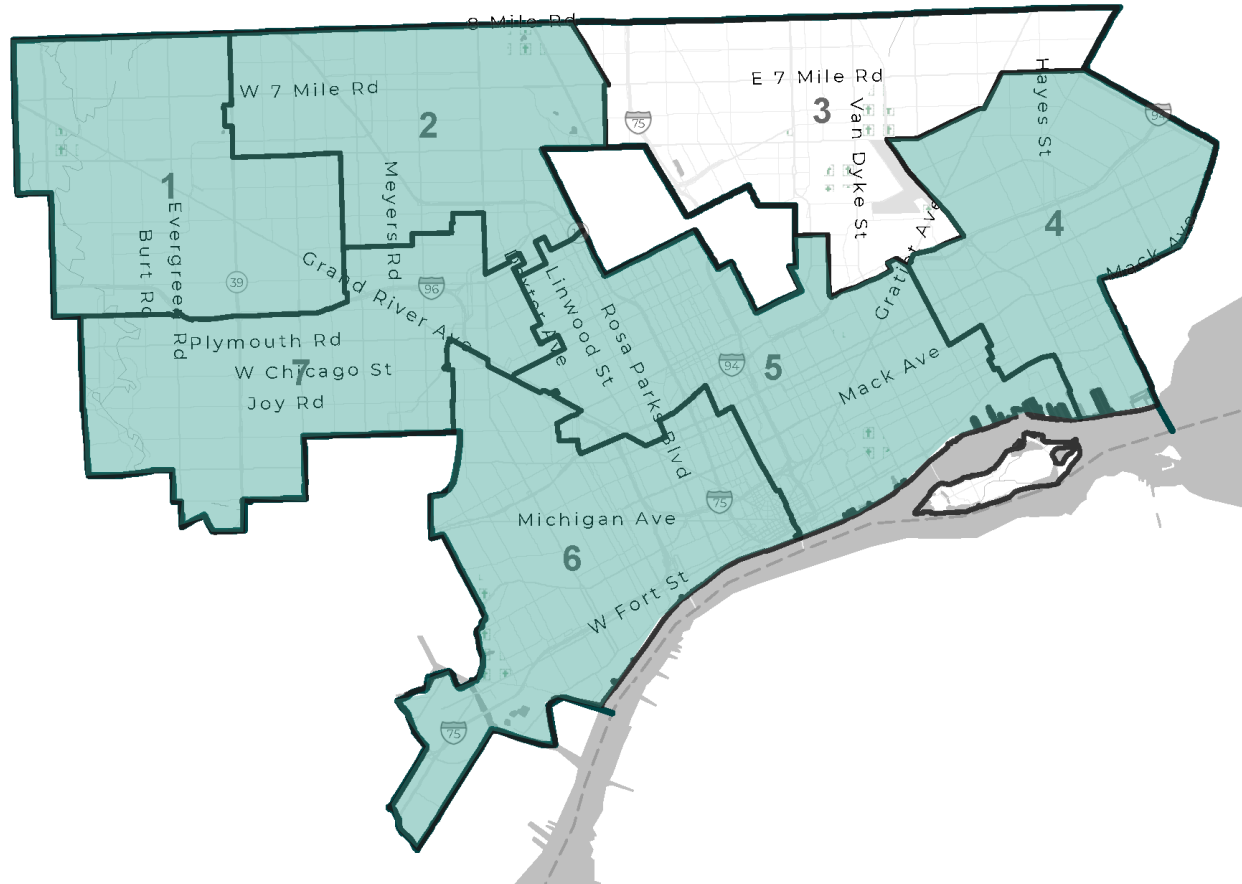
- Disadvantaged community determination based on debt service on the upcoming loan will be charged to the City customers over time and built into the capital portion of the rate structure.
- DWSD's disadvantaged status allows for a 30-year term option instead of 20-year.

Project Locations and Scope of Work

Selected Assets Throughout the City of Detroit

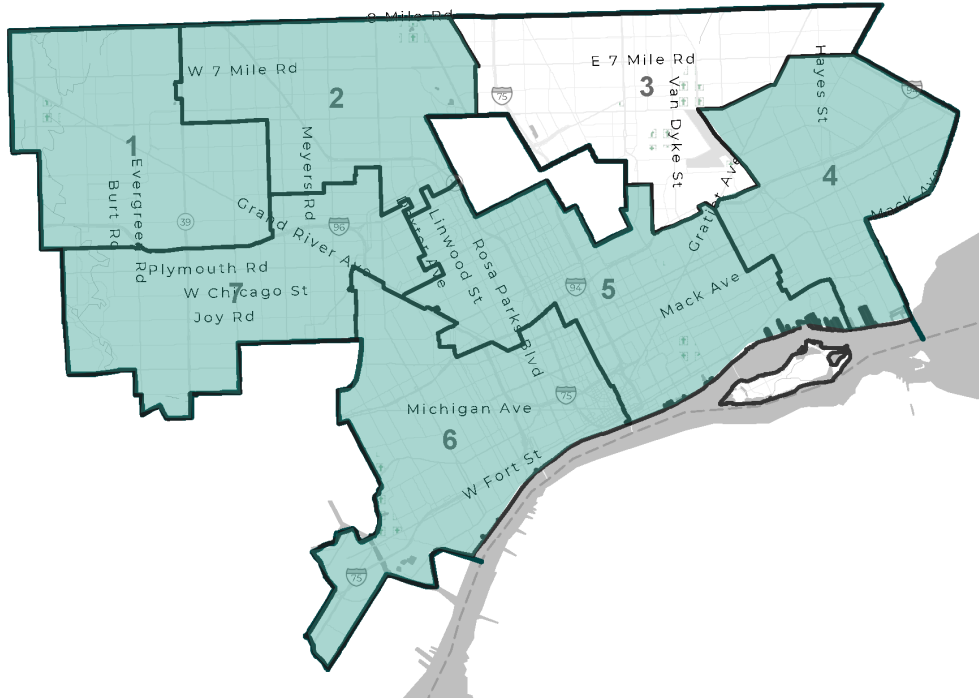


Project Area



**Council Districts
1, 2, 4, 5, 6, and 7
based on risk
assessments.**

FY2025 CWSRF Project – Rehabilitation of Selected High-Priority Assets



Sewer Rehabilitation

**Up to \$100M investment in
rehabilitation of existing DWSD
combined sewer assets in these
neighborhoods:**

Aviation Sub	Garden View	Plymouth-I96
Barton-McFarland	Grand River-I96	Rouge Park
Belmont	Grand River-St Marys	Schoolcraft-I96
Bentler-Pickford	Grandmont	Southfield Plymouth
Cadillac Community	Grandmont #1	State Fair
Carbon Works	Greenfield-Grand River	Warren Ave Community
College Park	Harmony Village	Warrendale
Conner Creek Industrial	Hubbell-Lyndon	Waterworks Park
Crary/St Marys	Hubbell-Puritan	We Care Community
East Village	Joy Community	Weatherby
Evergreen Lahser 7/8	Joy-Schaefer	Westwood Park
Evergreen-Outer Drive	Mack Avenue	Winship
Fiskhorn	Marina District	
Five Points	O'Hair Park	
Franklin Park	Plymouth-Hubbell	

Project Highlights

- Sewer assets assigned for rehabilitation were selected using DWSD Risk Assessment modeling techniques.
- Condition assessment data was used to develop and guide rehabilitation strategies.
- Projects are initiated in anticipation of grant funding.
- In the event that 100% grant funding is not secured, DWSD is under no obligation to move forward with construction.

Schedule

Project Plan, Design and Construction



SRF Project Plan Schedule

Preliminary Engineering

• December 2023 - February 2024

Draft Project Plan Public Meeting and Board Resolution

• February 21, 2024

GLWA Board Meeting and Board Resolution

• April 24, 2024

Final Project Plan Submitted to EGLE

• May 2024

Notice of Award Status

• 2025

BOWC Requested Action

Resolution Approving the Project Planning Document

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

**A RESOLUTION ADOPTING A FINAL PROJECT PLAN FOR THE DETROIT WATER AND SEWERAGE
DEPARTMENT FOR SEWER SYSTEM REHABILITATIONS FY25 CLEAN WATER STATE REVOLVING
FUND (CWSRF) PROJECT**

WHEREAS, Detroit Water and Sewerage Department (DWSD) and the Great Lakes Water Authority (GLWA) recognize the need to make improvements to its existing sewer system that are owned and operated by the City of Detroit and that are physically located within the city limits; and

WHEREAS, DWSD has prepared a Clean Water State Revolving Fund (CWSRF) Project Plan, which recommends sewer replacement and rehabilitation throughout Detroit; and

WHEREAS, said Project Plan was presented at the public meeting held on Wednesday, February 21, 2024 and all public comments have been considered and addressed; and

WHEREAS, DWSD formally adopted said Project Plan and agreed to implement the identified selected alternative of sewer system rehabilitation as described in said document, as evidenced by the DWSD resolution;

NOW THEREFORE BE IT RESOLVED, that Detroit Water and Sewerage Department formally adopts said Project Planning Document and agrees to implement the selected project design.

BE IT FURTHER RESOLVED, that the Detroit, Water and Sewerage Department Director, a position currently held by Gary Brown, is designated as the authorized representative for all activities associated with the project referenced above, including the submittal of said Project Planning Document as the first step in applying to the State of Michigan for a Clean Water State Revolving Fund Loan to assist in the implementation of the selected alternative.

Yeas (names of Members voting Yes): Commissioners: Einheuser, Blackmon, Coleman, Davis, Garcia, and Kinloch

Nays (names of Members voting No): None

I certify that the above Resolution was adopted by Great Lakes Water Authority and Detroit Water and Sewerage Department on February 21, 2024

BY: Marian King-Bell
(please print or type)

Marian King-Bell
Signature

Board Secretary
Title

2/23/2024
Date



Detroit Water and Sewerage Department Certified Copy

735 Randolph Street
Detroit, Michigan 48226
(313) 224-4704 Office
dwsd.legistar.com

Resolution, BOWC: 2024-22

File Number: 2024-22

The Board of Water Commissioners for the City of Detroit, Water and Sewerage Department recommends adoption of the “A final project plan for the Detroit Water and Sewerage Department Sewer Rehabilitation and Designating an Authorized Project Representative FY 2025 Clean Water State Revolving Fund (CWSRF)”. The BOWC also authorizes the Chief Financial Officer and the Director to take such other action as may be necessary to accomplish the intent of this vote.

Agenda of February 21, 2024
Item No. 2024-22

TO: The Honorable
Board of Water Commissioners
City of Detroit, Michigan

FROM: Gary Brown, Director
Water and Sewerage Department

RE: Final Project Plan for Sewer Rehabilitation and Designating an Authorized Project Representative
FY 2025 Clean Water State Revolving Fund (CWSRF)

MOTION

Upon recommendation of Samuel A. Smalley, P.E., Chief Operating Officer, the Board of Water Commissioners for the City of Detroit, Water and Sewerage Department recommends adoption of the “A final project plan for the Detroit Water and Sewerage Department Sewer Rehabilitation and Designating an Authorized Project Representative FY 2025 Clean Water State Revolving Fund (CWSRF)” and also authorizes the Chief Financial Officer and the Director to take such other action as may be necessary to accomplish the intent of this vote.

I, Marian King-Bell, certify that this is a true copy of Resolution, BOWC No. 2024-22, passed by the Board of Water Commissioners on 2/21/2024.

Attest:

Marian King-Bell

2/23/2024

Date Certified



DETROIT WATER AND SEWERAGE DEPARTMENT NOTICE

PUBLIC MEETING FOR SEWER REHABILITATION

FY25 CLEAN WATER STATE REVOLVING FUND (CWSRF) PROJECT

The Detroit Water and Sewerage Department (DWSD) announces a Public Meeting regarding its Project Planning Document for proposed Sewer Main Rehabilitation throughout the city of Detroit. DWSD seeks low interest Clean Water State Revolving Fund (CWSRF) loan assistance for FY2025. These projects include rehabilitating aging and/or compromised selected sewer mains located in Council Districts 1, 2, 4, 5, 6, and 7 (under the Council District maps as of January 2024). Construction will include replacement of sewer mains, cured-in-place pipe (CIPP) rehabilitation, manhole replacement, manhole rehabilitation, and spot repairs. All work to be performed within the existing road right-of-way and easements. The impact of the project will be improved customer satisfaction and safe, reliable collection of untreated sanitary sewage from customers. This project will reduce the frequency of basement backups and cave-ins caused by sewer mains. 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 can maintain the condition of its local combined sewer system. The Project Planning Document describes sewer mains in critical need of replacement or rehabilitation. The total cost of this work is \$40,000,000, which is being sought through the CWSRF program.

The Public Meeting will present a description of the recommended projects, estimated costs, noting no potential impact for customers. The purpose of the meeting is not only to inform, but to seek and gather input from people that will be affected. Comments and viewpoints from the public are encouraged.

THE PROJECT PRESENTATION AND PUBLIC COMMENT WILL BE DURING THE DETROIT BOARD OF WATER COMMISSIONERS MEETING ON:

DATE: Wednesday, February 21, 2024

PLACE: Detroit Water and Sewerage Department
Water Board Building
735 Randolph, 5th Floor, Board Room
Detroit, Michigan 48226

TIME: 2:00 p.m.

Call in using your phone: 301-715-8592
312-626-6799
267-831-0333

Zoom Meeting ID: 815 7263 5118
Zoom Passcode: 482262021

To attend online:

Zoom link: <https://cityofdetroit.zoom.us/j/81572635118>
Use Passcode: 482262021

Information on the Project Plan will be available for review after February 1, 2024 at the following locations:

1. City Website: detroitmi.gov/dwsd
2. By email request to Sonali Patel: sonali.patel@detroitmi.gov
3. In person at the Water Board Building

If you have questions or want to submit written statements for the Public Meeting, call or write:

Call: Sonali Patel at 313-782-2477

Email: Sonali Patel at sonali.patel@detroitmi.gov

Mail: Sonali Patel
Detroit Water and Sewerage Department
735 Randolph, Suite 901
Detroit, MI 48226

Written comments will be accepted at the above address if received prior to 2:00 p.m. EST, Wednesday, February 21, 2024.

Participating in Public Comment During the Public Hearing

You may provide your public comment in-person or via Zoom (see below).

In-person attendees

- If you want to make public comment, complete the form available in the Board Room and it will be provided to the Chair. The Chair will call on you during the appropriate time.
 - We respectfully request that you maximize your three minutes by sharing all your comments/questions at one time.
 - You will only be called upon once for public comment.
 - Once the chair closes public comment, there will be no other comments from the public accepted and all public attendees will not be acknowledged during the remainder of the meeting.

Attending via Zoom

- During the public comment section, raise your hand using the Zoom hand icon on your desktop or mobile device, or if calling into the meeting by phone, press *9 to raise your hand (press *6 to unmute when called upon).
- We respectfully request that you maximize your three minutes by sharing all your comments/questions at one time.
- You will only be called upon once for public comment.
- Once the chair closes public comment, there will be no other comments from the public accepted and all attendees will remain muted for the duration of the meeting.

City of Detroit Water and Sewerage Department
Gary Brown, Director