



**Water & Sewerage
Department**

Permitting and Stormwater Management Group

FY2025 Update to BOWC

December 2025



DWSD IS ADVANCING MULTIPLE INITIATIVES TO REDUCE IMPACTS FROM STORMWATER ACROSS THE CITY



PEAK FLOW CONTROL

Reducing the intensity of runoff to the DWSD and GLWA system.



SOURCE REMOVAL

Removing unnecessary impervious area from the sewer system and promoting infiltration.



REDEVELOPMENT

Activating underutilized open space and managing runoff via ordinance.



COLLABORATION

Partnering with other agencies and surrounding communities results in cost savings and new opportunities.

Creating Capacity. Reducing Flooding. Keeping Basements Dry.



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Stormwater Regulations

Post-Construction Stormwater Management Ordinance

- 24 new ordinance projects were approved in FY25. These projects manage 75 acres of drainage area, providing 3.7 MG of detention volume.
- As of October 2025, DWSD has approved 139 ordinance projects, which manage 820 acres of drainage area and provide over 42.1 MG of detention volume and 2.6 MG of retention volume.





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Municipal Separate Storm Sewer System (MS4)

MS4 Program

- A small portion of the DWSD sewer system is currently regulated under a Municipal Separated Storm Sewer (MS4) permit with EGLE.
- In 2024, DWSD won a National Municipal Stormwater Award for the MS4 program through WEF.
- In June 2025, DWSD amended the City code to align with proposed edits requested by EGLE and to modernize direct discharge requirements.





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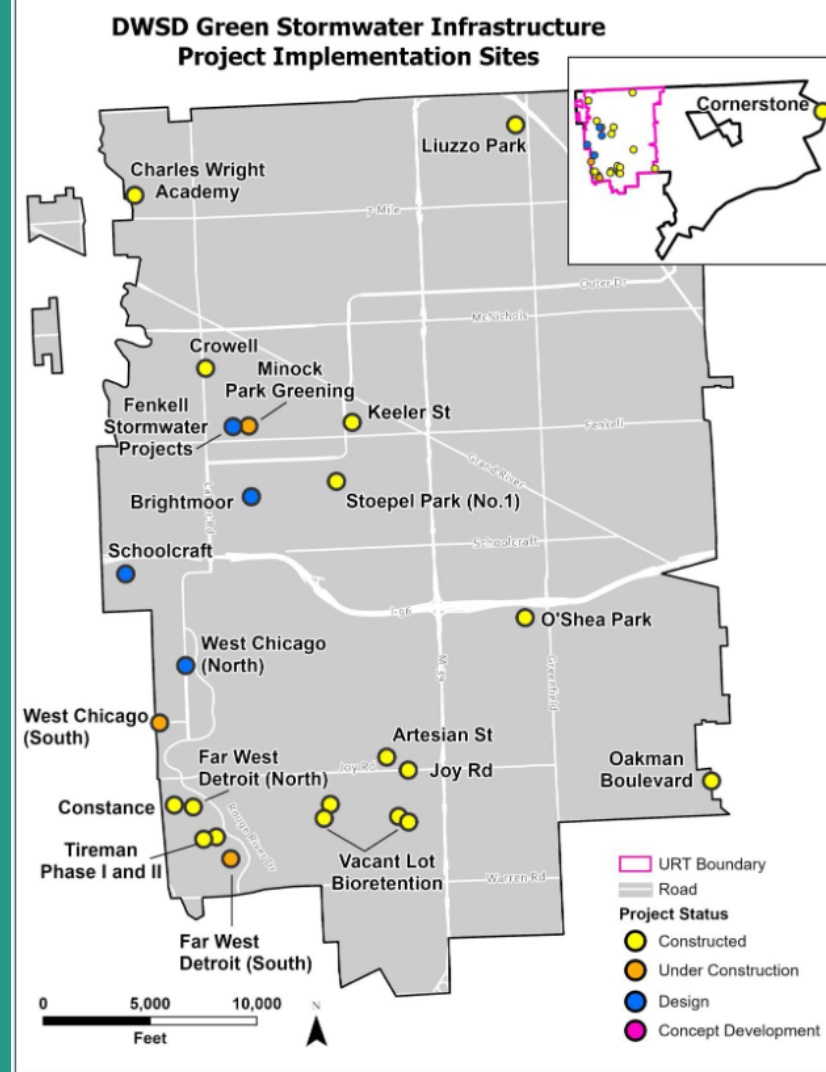
GSI Program Completed Projects

Reporting Metrics

DWSD GSI Program – Completed Projects

Number of Projects	20* (+1)
Project Construction Cost (Estimated)	\$46.1M (+\$32.2M)
Annual Volume Reduction Provided <i>Retention Volume and Direct Discharge</i>	167 MG(+100 MG)

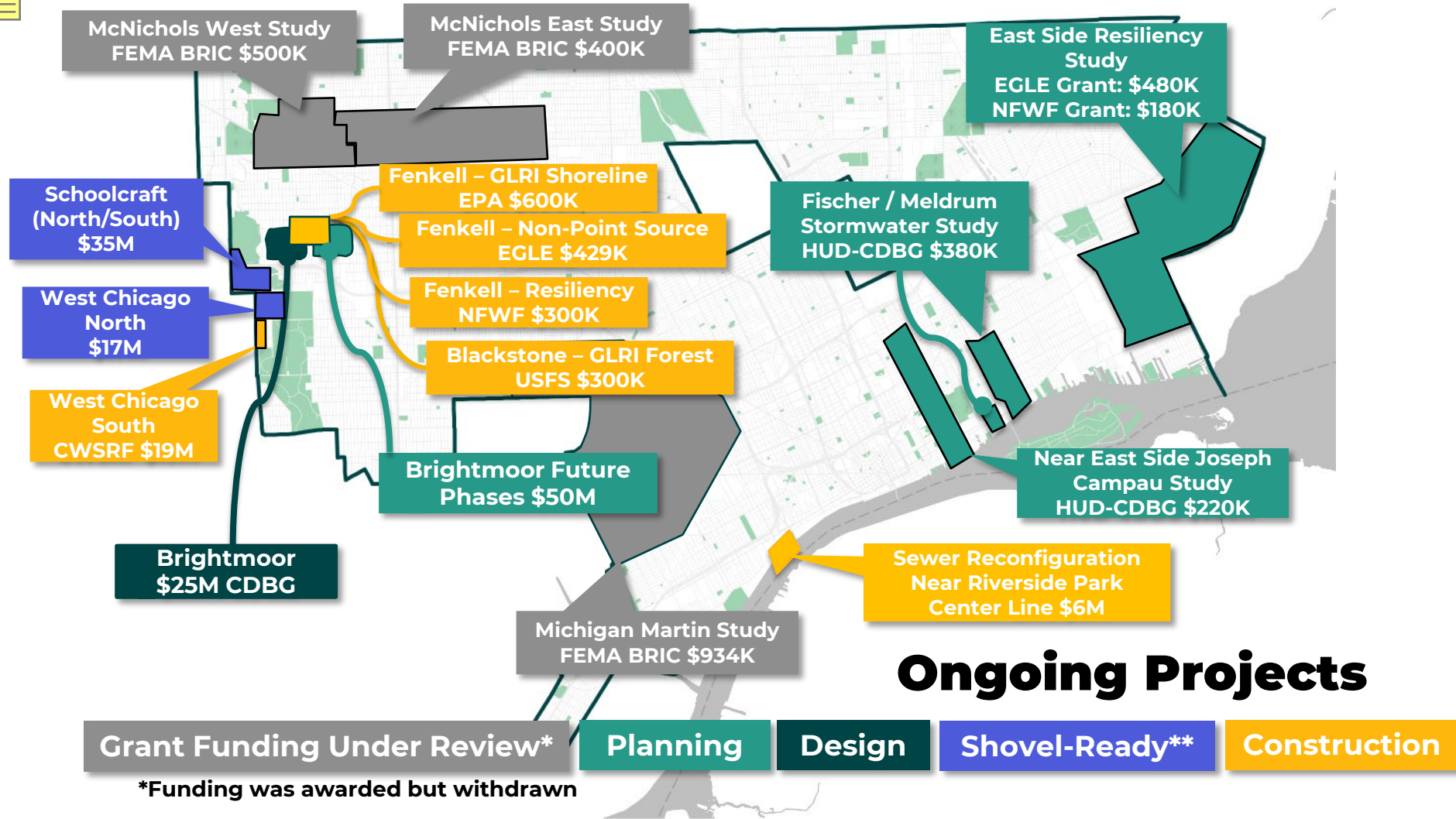
* Includes Joy Road (GSI funding only)





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Stormwater Projects in Planning, Design, and Construction

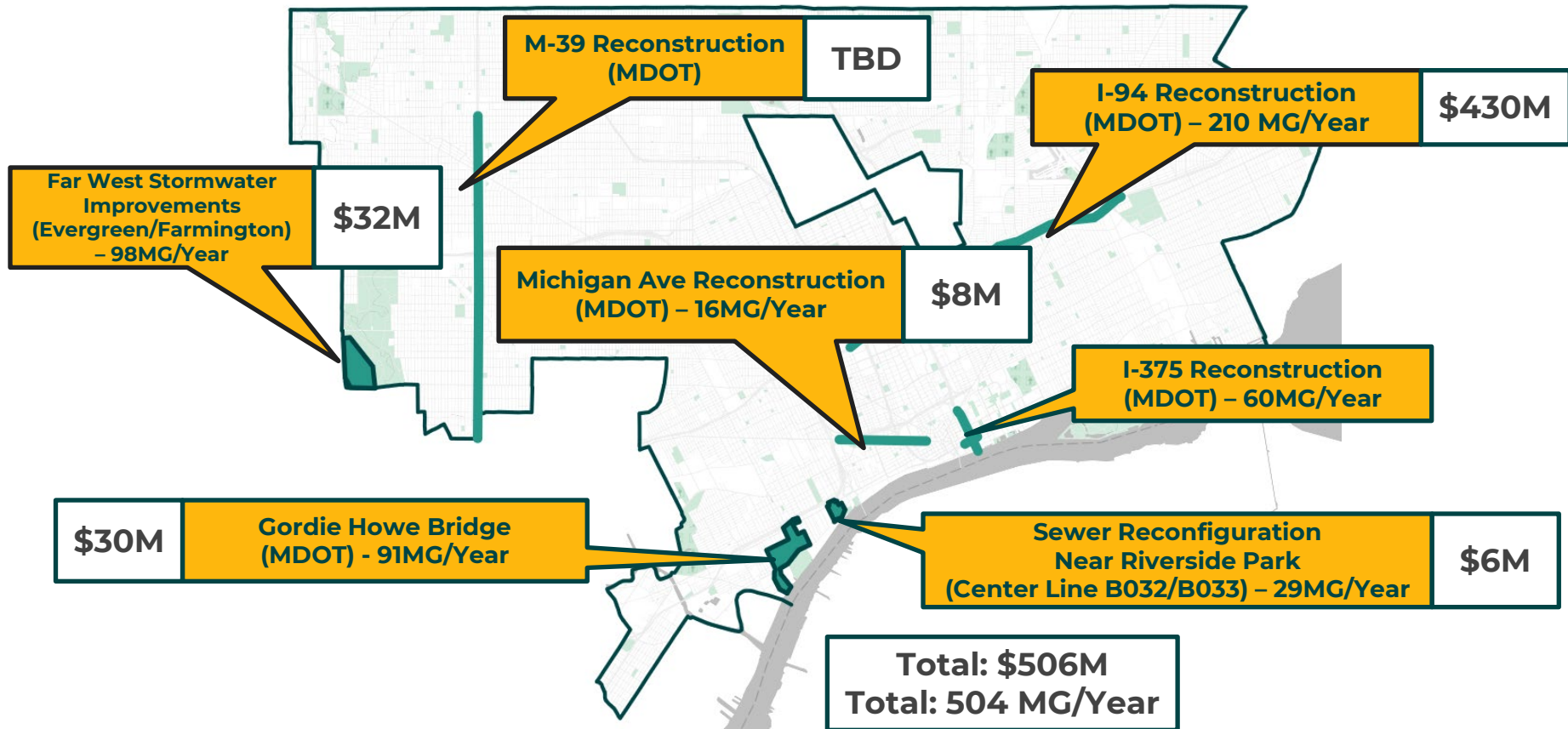




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Stormwater Management Collaboration

Collaboration Projects





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Stormwater Hub

- # Green Stormwater Infrastructure Projects in Detroit
- The Detroit Stormwater Hub Map contains locations, images, and project information for green stormwater infrastructure projects in the city of Detroit. Use it to explore GSI examples throughout the city.
- Not all GSI projects qualify for a drainage charge credit from the Detroit Water and Sewerage Department (DWSD). To sort by projects that have received a credit, use the filters below.
- The Detroit Stormwater Hub uses geographic information system (GIS) mapping to track projects. See the FAQs for more information on how projects are displayed.
- ## Total Projects

295

Total Acres Managed	Millions of Gallons Managed Annually
855	594.5

Projects by GSI Type

(Click graph to filter)

GSI Type	Count
Disconnected	112
Impervious	31
Bioretention	36
Subsurface Detention	20
Residential Rain Garden	14
Stormwater Storage on Site	13
Stormwater Infiltration	8
Wetlands	3
Other	2
- Province of Ontario, Esri Canada, Esri, TomTom, Garmin, SafeGraph, METUNASA, USGS, EPA, N... Powered by Esri

This website includes public, private, and community GSI projects. As such, the metrics below are unofficial and may differ from officially reported NPDES permit metrics. Expand map frame to view full extent.

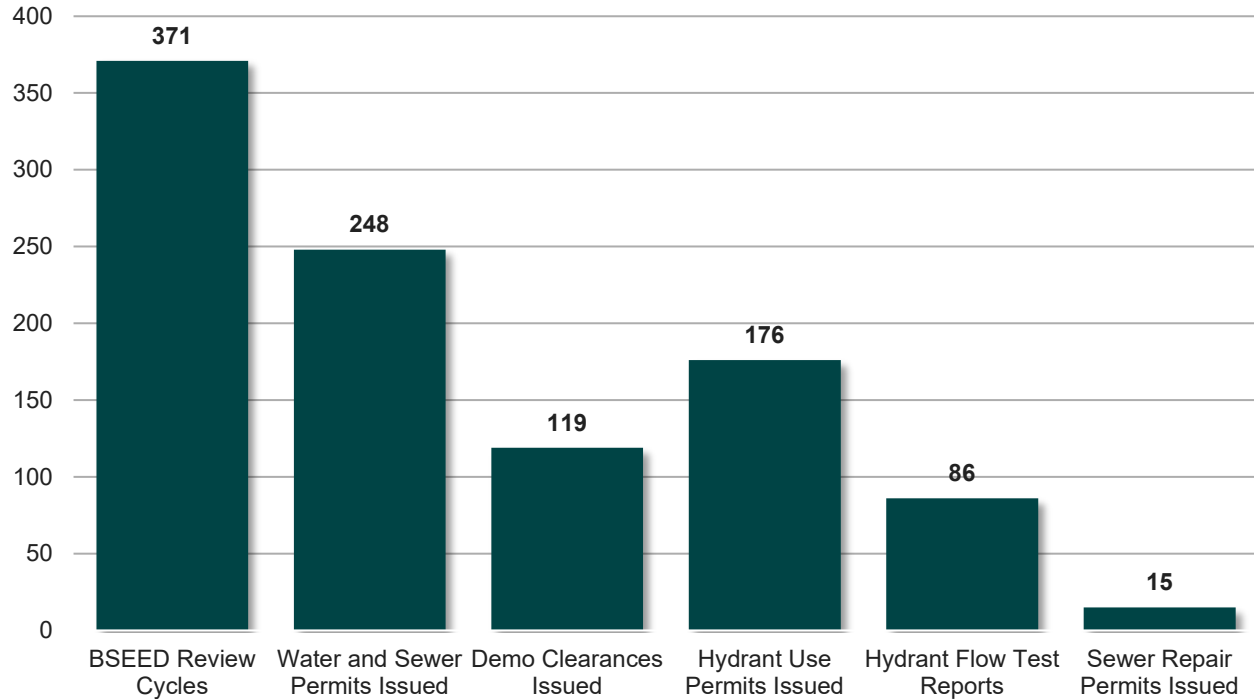


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Permitting Projects



Permits Completed FY25





EGLE Permits Completed FY25



Compliance with Act 399 and Part 41

- EGLE approved 18 permits in FY25 for installation of new public infrastructure related to **private development**
 - 16 Act 399 Permits
 - 2 Part 41 Permits





Improvements in FY25

- Collaborated with DWSD Engineering to update the July 2025 Standard Details packet.
- Updated the schedule of fees to add Permit Plan Review fees
- Implemented a procedure for PSMG inspectors to write tickets for violation to City Ordinances for illegal work on the municipal water/sewer system and illegal hydrant usage
- Improved coordination and collaboration with EGLE on Act 399 and Part 41 permits for private development





FY25 PSMG Office Hours



Customer Service Improvements

- Held 105 virtual office hours meetings in FY25 to assist in answering customer questions on DWSD policy and aid the customer in developing approvable plans
- Collaborated with mayor's infrastructure team, BSEED development resource center, and DPW permit office to ensure customers are directed to DWSD's meeting request link regarding DWSD inquiries





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Questions?