



DEPARTMENT OF
**PUBLIC
WORKS**

MEMORANDUM

Date: March 24, 2026
To: Utilities Committee
From: Laura Jungwirth, Director of Public Works
Pete Neuberger, Deputy Director of Public Works/City Engineer
Subject: Request to Award 2026C Stormwater Consulting Services Sole Source Contract for Northland Bellaire Preliminary Design to Brown and Caldwell in an amount not to exceed \$390,000.

PROJECT HISTORY

Following a Department of Public Works (DPW) Northland-Bellaire Drainage Study presentation and recommendation at the January 27, 2026, Utilities Committee, the Common Council on February 4, 2026, authorized DPW to develop with Brown and Caldwell a single source scope of services for preliminary engineering design of the initially recommended improvements for the 2024D Northland-Bellaire Drainage Study area.

The initially recommended improvements included the following major elements with an estimated implementation cost of \$22 million:

- Veterans Memorial Park Pond South (VMPPS) Expansion
- Northland Avenue Storm Sewer Improvements and Inlet Capacity Enhancements East of Meade Street
- Local Sewer Improvements and Inlet Capacity Enhancements East of Meade Street and South of Northland Avenue

PROPOSED CONTRACT SCOPE

As proposed, the consultant will:

- Provide project management and coordination meetings with DPW staff and other stakeholders
- Perform complete design-level topographic survey for the VMPPS Expansion
- Perform utility design survey for the Northland Avenue and local streets Storm Sewer Improvements

- Complete a wetland survey/delineation with groundwater analysis for the VMPPS Expansion
- Conduct a geotechnical investigation, with soil borings, for the VMPPS Expansion and Northland Avenue Storm Sewer Improvements
- Refine the 2024D study's XP-SWMM Hydrologic & Hydraulic system modeling based on preliminary engineering design
- Develop updated WinSLAMM water quality modeling for the VMPPS Expansion in support of the City's MS4 permit with Wisconsin Department of Natural Resources
- Develop 30% engineering design plans for Northland Avenue and Local Streets Storm Sewer Improvements and Inlet Capacity Enhancements, including Plan & Profile engineering drawings for the sewer improvements and development of potential alternatives to resolve conflicts with existing utilities.
- Develop 60% engineering design plans for VMPPS Expansion
- Develop a Basis of Design Report (BODR) to document XP-SWMM and WinSLAMM modeling inputs and outputs, pond performance, GIS database, digital files for survey and design, geotechnical investigation report, project phasing analysis, inventory of required permits, and refined project cost estimates.

PROJECT SCHEDULE

The proposed contract schedule is as follows:

- Notice to Proceed by DPW April 6, 2026
- Geotechnical/Wetland/Survey Investigations April through June 2026
- 30% Storm Design Completion December 31, 2026
- 60% Pond Design Completion December 31, 2026
- BODR Completion December 31, 2026

Additionally, DPW anticipates:

- Brown and Caldwell will Finalize the 2024D Northland-Bellaire Drainage Study in 2026.
- Brown and Caldwell will finalize pond design around March 31, 2027, in a future contract, subject to funding and contract approval.
- DPW staff will finalize storm sewer designs in 2027.
- DPW staff will develop 2027 Stormwater Capital Budget requests and budget carry over requests as needed to support future final engineering and construction contracts for a Phase 1 Construction Project to be bid in 2027.
- DPW staff will support the Finance Department for a 2026 Stormwater Utility Rate study reflecting the best available data for estimated Stormwater Capital and Operations/Administration expenses within a 10-year time frame.