



Cheryl Porter

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Memorandum

To: The Honorable Board of Directors

From: Cheryl Porter, Chief Operating Officer, Water Operation Services
Sonya Collins, Chief Procurement Officer

CC: GLWA Executive Leadership

Date: March 24, 2026

Subject: Emergency Procurement Request – West 14-Mile 48”/54” Transmission Main Emergency Improvements- Steel Pipe Purchase

Purpose

This memorandum is to inform the Board of Directors of the urgent need to purchase approximately 6.25 miles of steel pipe to replace the existing 48”/54” transmission main from our Franklin to Haggerty Booster Stations along West 14 Mile Road in Oakland County and to advise you of the emergency procurement to initiate this work.

Background

There is an existing 54”/48”/42” Prestressed Concrete Cylinder Pipe (PCCP) Transmission main along West 14 Mile Road from Inkster Road to West of Novi Road installed in the late 1960’s and early 1970’s. There have been four (4) watermain breaks along this section of main since October 2017.

- October 2017: 48” transmission main between Farmington Road and Drake Road
- October 2021: 48” between Drake Road and Halstead Road
- September 2025: 42” between M-5 and Welch Road
- March 2026: 48” between Drake Road and Halstead Road

As this honorable Board is aware, each time this section of transmission main breaks, there is a large disruption to our Member Partner communities in the area that includes but not limited to no water and/or boil water advisories. These emergencies require GLWA to activate the emergency plan and our Emergency Operations Center (EOC).



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Problem Statement

The Prestressed Concrete Cylinder Pipe (PCCP) in this section of the system was installed in the late 1960's and early 1970's. Approximately 5 of the 8.5 miles were manufactured by Interpace. PCCP that was manufactured by Interpace during that time frame, has a less quality product. GLWA has approximately 64 miles within our system to operate, manage, and maintain.

Proposed Solution and Procurement Approach

GLWA will be able to purchase and fabricate approximately up to 6.25 miles of steel pipe to replace the existing 48"/54" transmission main from our Franklin to Haggerty Booster along West 14 Mile with a new 54" transmission main.

Purchase and Fabricate 54" Steel Pipe

- Fabricate the new steel 54" pipe
 - Delivery of new steel 54" pipe to storage or site location
 - Work will be completed under an emergency Purchase Order (PO) not to exceed \$17,446,080.00
 - Estimated duration: 9 - 26 weeks.
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Summary and Recommendation

GLWA Water Transmission and Water Engineering has checked the total cost for purchase and fabrication of the 54" pipe against other steel pipe purchase that GLWA has done within recent years. The Team recommends the purchase of fabrication with American SpiralWeld Pipe Company, LLC.