

Mayor and Council –

Please see the piece that will be mailed to residents around the GLWA Project(s) on the north side.

- Victor



*Great Lakes Water Authority*

## 14-MILE TRANSMISSION MAIN LOOP –PHASE II Project Update



*Valued Community Member,*

*We'd like to provide an update on the more than \$111 million, water transmission main project underway in your community. But first and foremost, we want to extend our appreciation for your patience and understanding during the past several years. Projects of this magnitude are planned using the best data and information possible; unfortunately,*

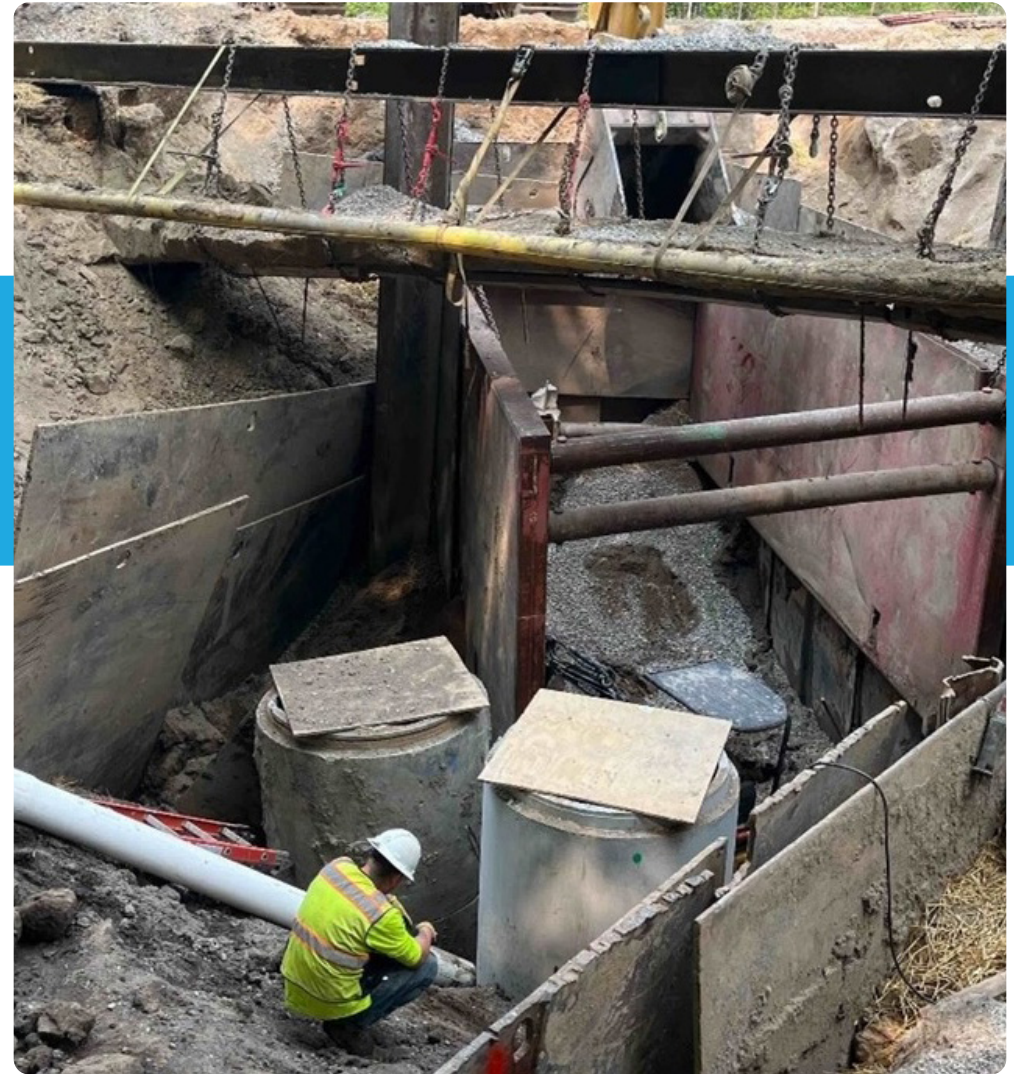
*often unforeseen obstacles arise which have an impact on methods of installation, tools required and timing. While there is a short-term inconvenience during this project, please know there will be a significant long-term benefit to the region from the improvements to the water distribution system. Our crews are working as safely and efficiently as possible to complete this all important water delivery project to ensure you and your neighbors have a redundancy in service and do not experience a disruption in water distribution as encountered in 2019 and 2021 with the large water main break on 14 Mile Road.*

## » PROJECT STATUS



As a part of our focus on sustainability, GLWA has a transmission main loop project currently under construction in Novi.

GLWA currently serves drinking water to southern Oakland County, including the Novi, West Bloomfield Township, Farmington Hills, Commerce Township, Walled Lake, and Wixom communities through a single feed transmission main. As a result, any major break, like we experienced in the falls of 2019 and 2021, on this transmission main will cause loss of water service to homes, healthcare facilities, schools, and businesses in these communities. **Therefore, the purpose of this project is to construct a new transmission main and isolation valve in a looped configuration to eliminate this single feed condition that currently exists.** The construction of the new 14-Mile Transmission Main Loop is being completed in two phases.



**Phase I is complete**, which included approximately one mile of a 24-inch transmission main along 14-mile from Novi Road to M-5.

**Phase II is currently under construction** and includes approximately eight miles of 54-inch transmission main and isolation valves. This main runs generally along the I-275 corridor from 8-Mile to 11-Mile Road, then along the Meadowbrook Road to 13-Mile Road, and finally along the M-5 corridor to GLWA's Haggerty Booster Station located at 14-Mile and Haggerty Road.

## » CONSTRUCTION DELAYS

During Phase II construction, there have been numerous unforeseen conditions and/or changes that have delayed the project schedule, including:

1. **Installation of pipe on piles has taken longer than anticipated.** Given the poor soil condition on Meadowbrook Road, cement piles (pillars) had to be poured to support the new 54-inch pipe.
2. A portion of the City of Novi's sanitary sewer was required to be relocated on Meadowbrook between 12-mile and 13-mile for the new transmission main. **The installation of the sanitary sewer changed from geo-engineered bedding to installing on piles during the construction phase due to the poor soil conditions.**
3. **Mis-marked and/or not marked existing utilities were discovered by the contractor.**
4. **Two existing pipe culverts crossed between I-96 and 12-Mile on Meadowbrook were in discovered to be in poor condition and required to be fully replaced.**

Throughout the project, we have met regularly with City of Novi staff and they have, on our behalf, communicated project updates. **While we know the work has not progressed as swiftly as any of us would like, we are completing it as safely and timely as possible** given the number of "curve balls" we have been thrown the last 18+ months.

GLWA is committed to continuing our weekly public eNewsletters and working to complete this project as soon as possible.



## » CURRENT TIMELINE OF FINAL PAVEMENT COMPLETION

### August 2023:

- Meadowbrook Rd from 11 Mile to Grand River

### October 2023:

- 13 Mile Rd from Meadowbrook Rd to M-5
- 11 Mile Rd from Meadowbrook Rd to Seeley Rd

### November 2023:

- Meadowbrook Rd from MSU Tollgate to 12 Mile Rd
- Meadowbrook Rd from 12 Mile to I-96

### Spring 2024:

- Meadowbrook Rd 13 Mile to Meadowbrook Elementary (with temporary pavement completed August 2023)
- Meadowbrook Rd from Crosspoint Church to MSU Tollgate

## QUESTIONS/ CONCERNS

**Great Lakes Water Authority**  
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The Great Lakes Water Authority (GLWA) is committed to being the service provider of choice for water of unquestionable quality in southeast Michigan.

In keeping with this commitment, GLWA is constantly working to ensure the sustainability of the region's water distribution and transmission system.

