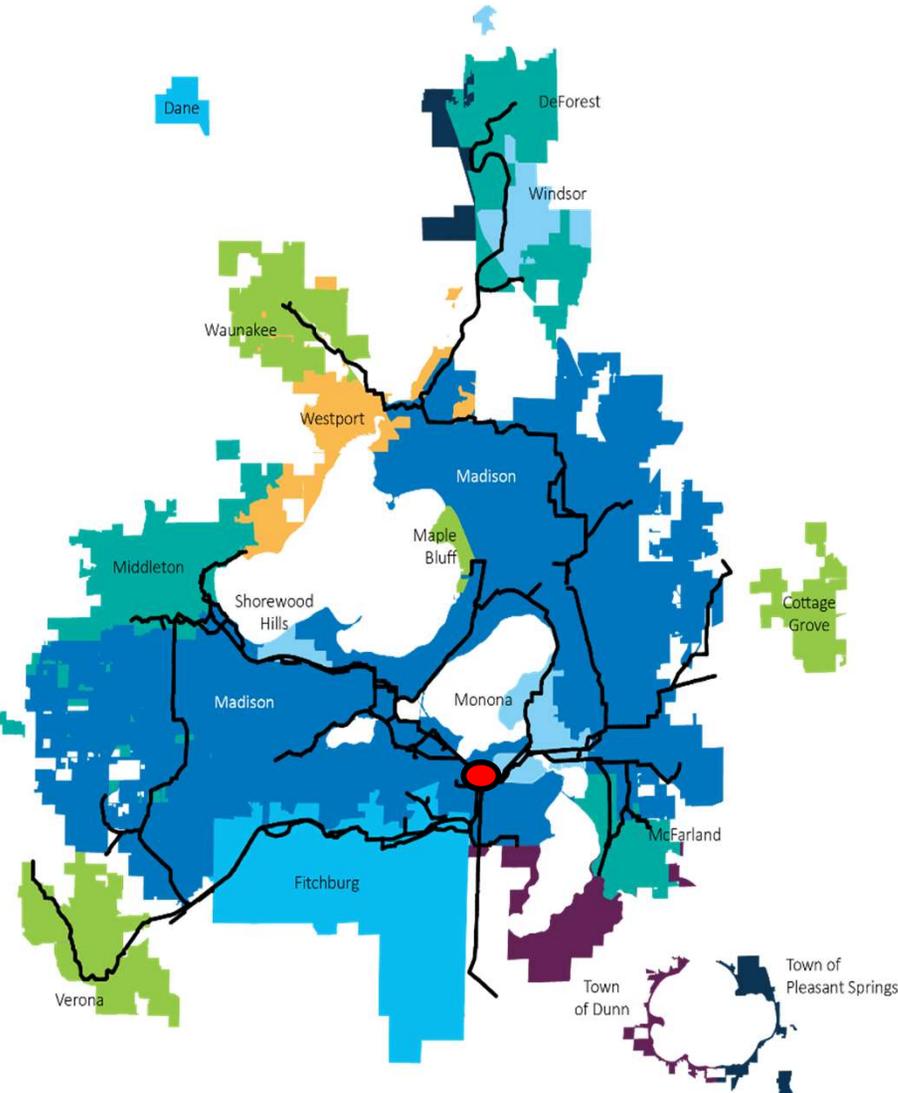


Lower Badger Mill Creek Interceptor Phase 6

PIM No. 3 Wednesday, March 12, 2025



Serving the Greater Madison Area Since 1930



Our Service Area

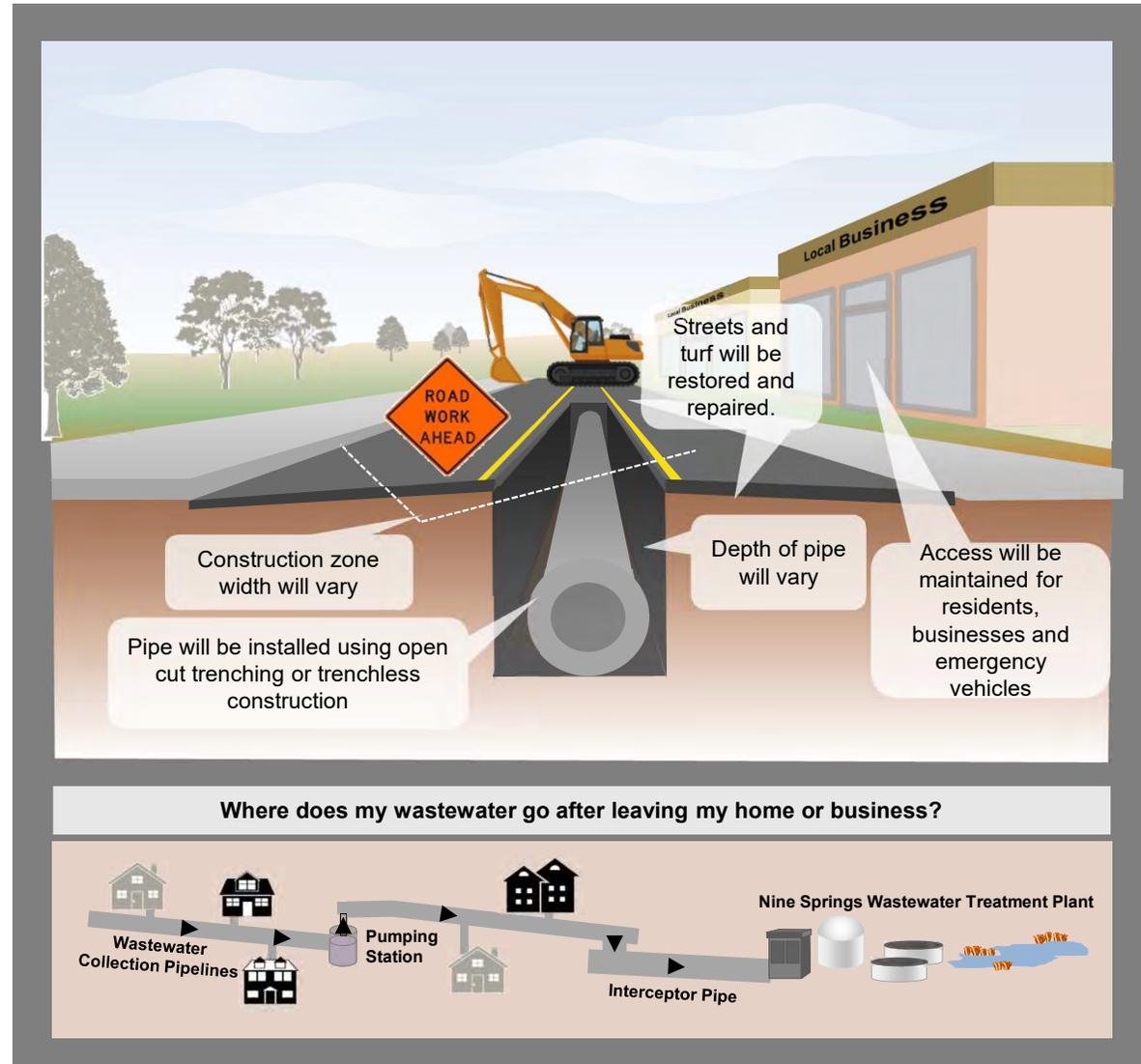
- 24 owner communities in Dane County
- Over 429,000 individuals and businesses
- Covering 188 square miles
- Treat 37 million gallons daily

Madison Metropolitan Sewerage District

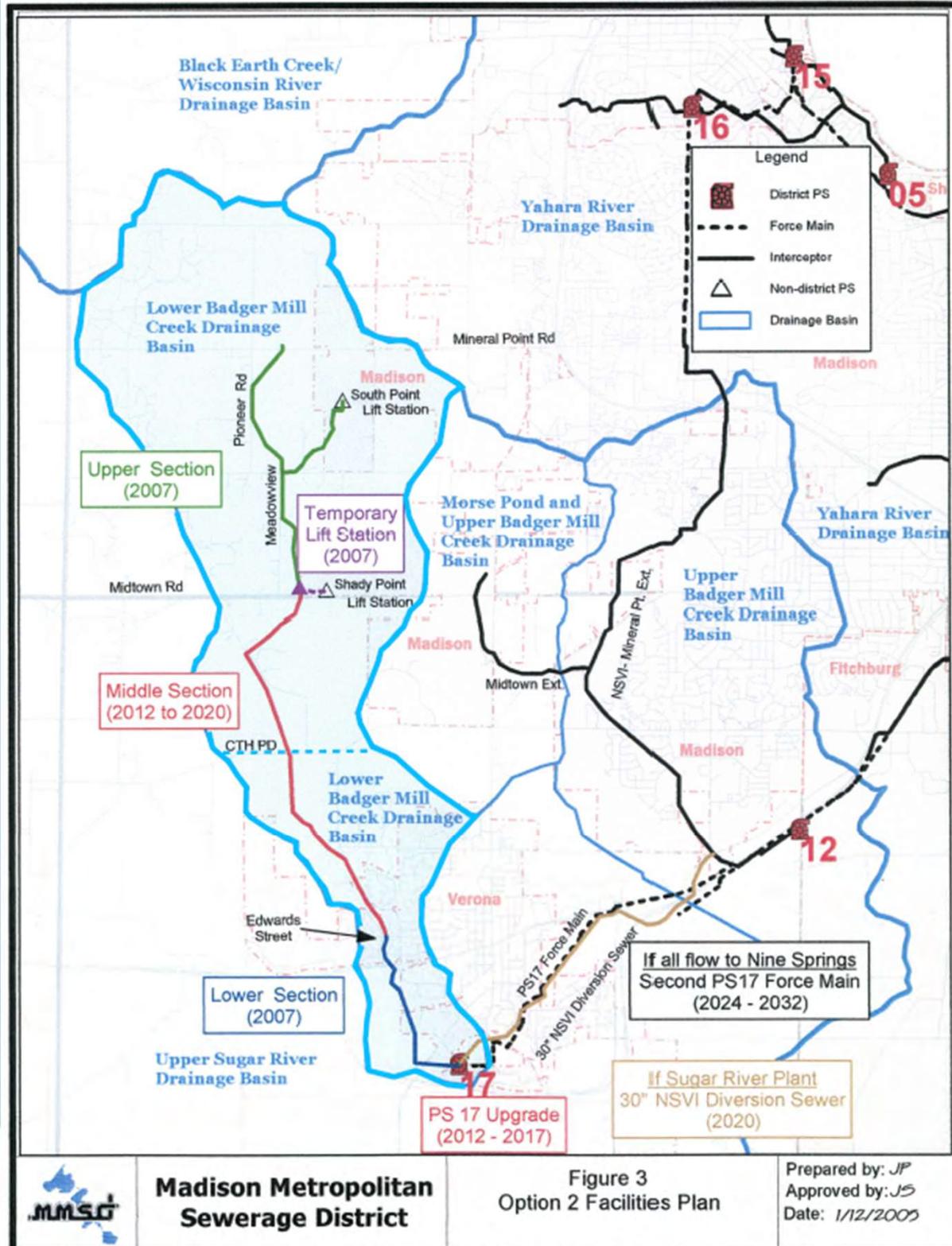


What is an Interceptor Sewer?

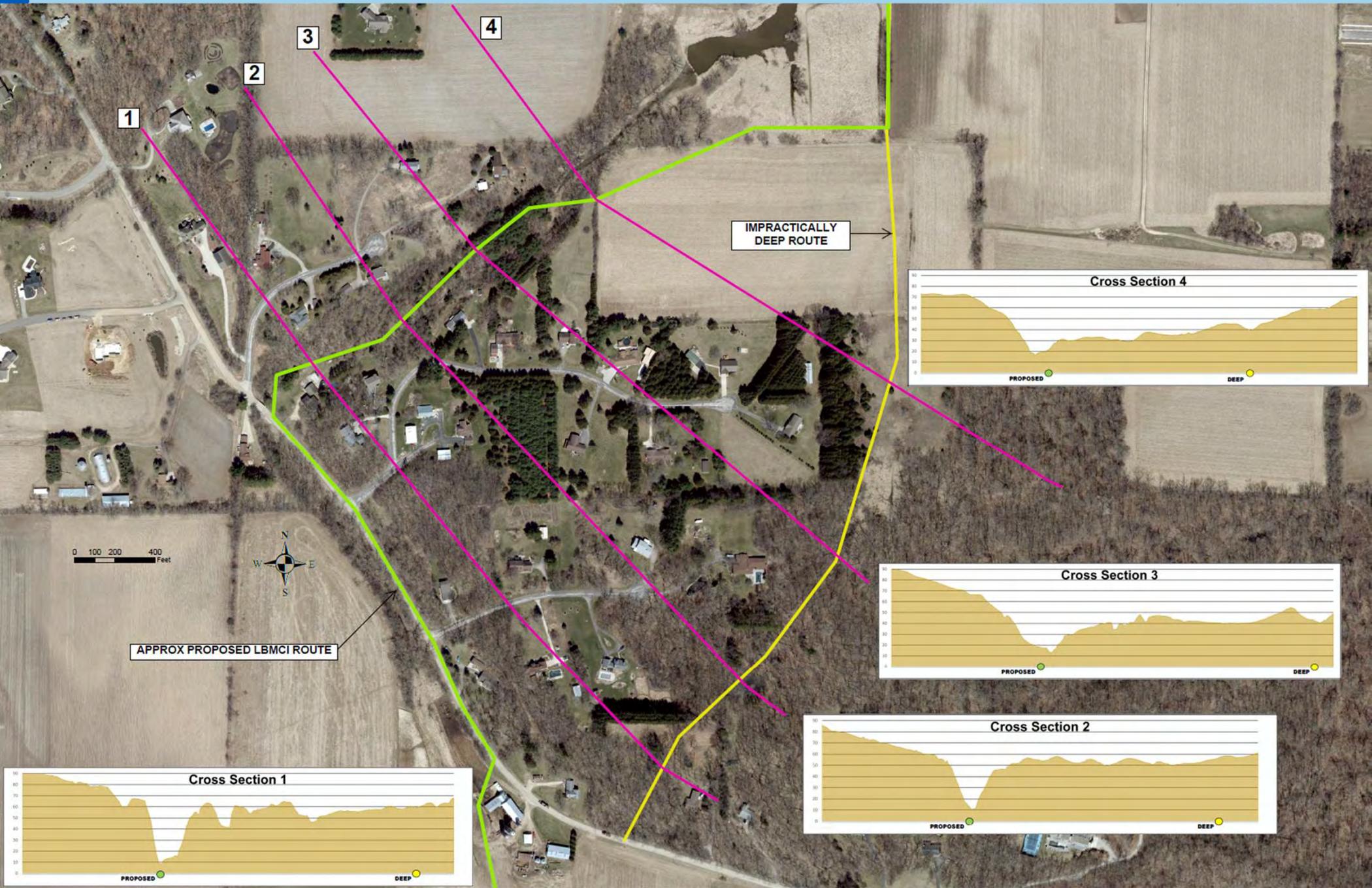
- An interceptor is a large sewer pipe that receives flow from smaller local sewer pipes and directs wastewater to the treatment plant.



- Planning 2001-2005
 - LBMCI Sewer Service Report – January 2005
- Already Built
 - 12,000' North of Midtown
 - 21,400' South of Shady Oak
- Phase 6
 - Final Connection
 - 5,600' Shady Oak to Midtown
 - Designed for 10 to 13 MGD
- Midtown Lift Station
 - 2010 – In Service
 - Present – At Capacity
- PS 17 FM & Station
 - FM – Under Construction
 - Station – Under Construction



Why the Ravine?



LBMCI Phase 6 Alignment

- ◆ 1,300 feet in Shady Oak
- ◆ 1,600 feet in Ravine
- ◆ 2,400 feet in Blake and Dreger Farms
- ◆ 300 feet in Midtown Road
- ◆ Connect to City of Madison Pipe at Midtown Lift Station



Schedule and Order of Operations

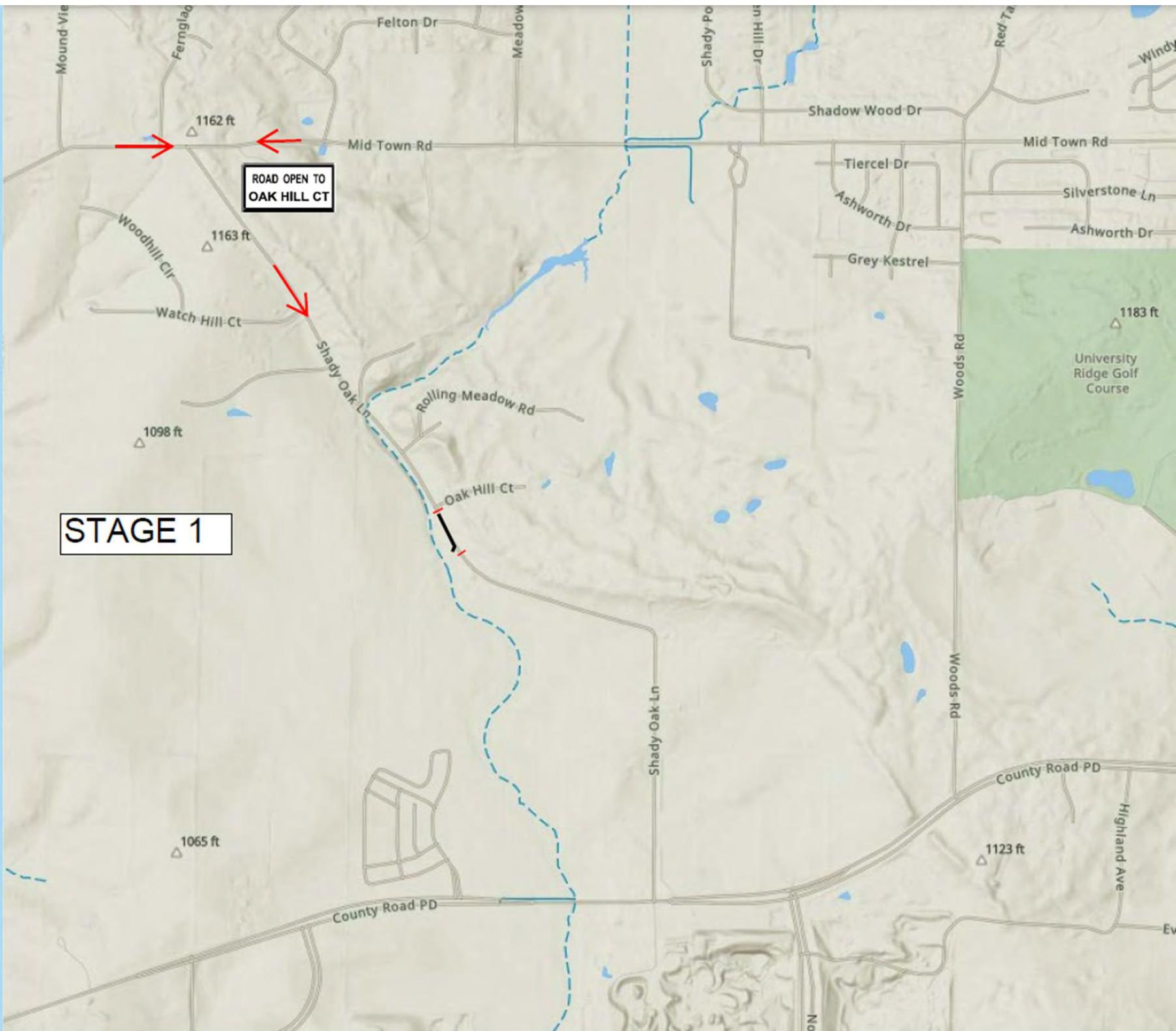
- Start at downstream end in Shady Oak Lane
- Early in the project
 - Clear trees and install construction barrier fence in ravine
 - Dig test holes to determine if bedrock is present and at what elevation
- Shady Oak Lane required to be complete by August 15, 2025
- Substantial completion required by June 1, 2026



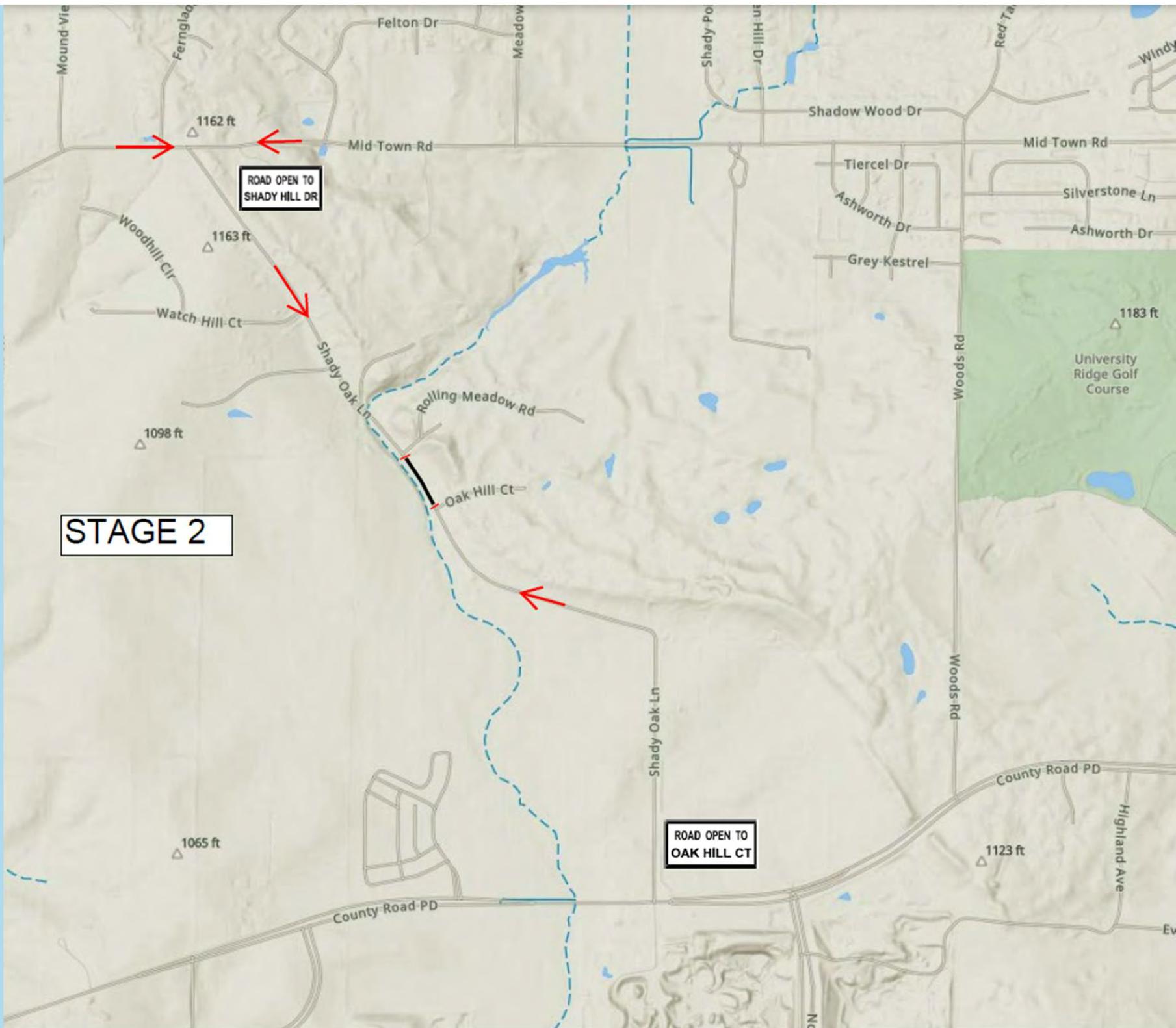
Shady Oak Lane will have a temporary work zone during sewer pipe construction



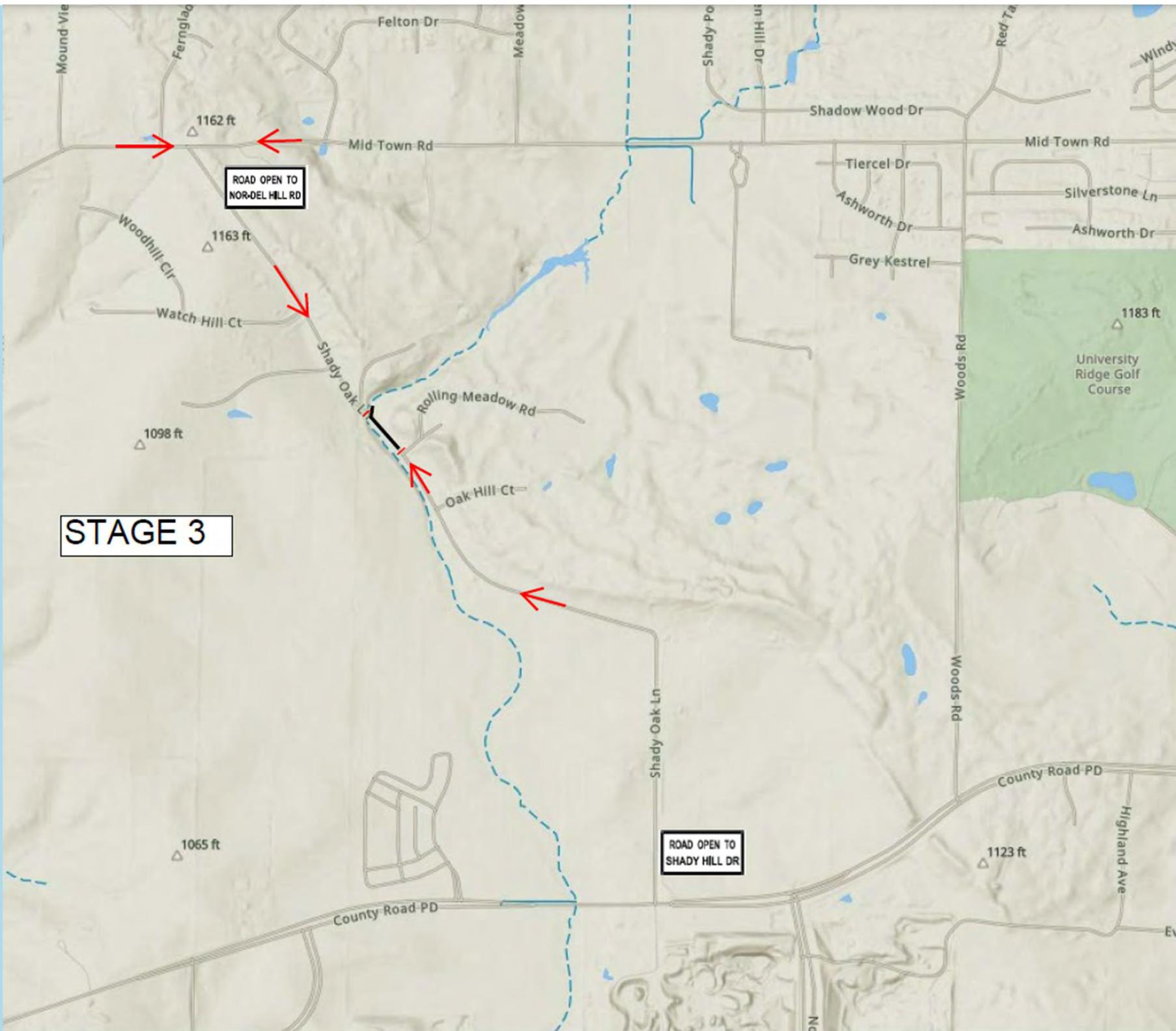
TRAFFIC CONTROL
SHADY
OAK LANE



TRAFFIC CONTROL
SHADY
OAK LANE



TRAFFIC CONTROL
SHADY
OAK LANE



Similar Construction in Ravine in 2008



Similar Construction in Ravine in 2008

Summer 2008



July 2009



NOTE:

The tops of the Phase 6 manholes in the ravine will be at the ground surface and will not be highly visible. Once vegetation grows in they will likely not be visible.

Summer 2008



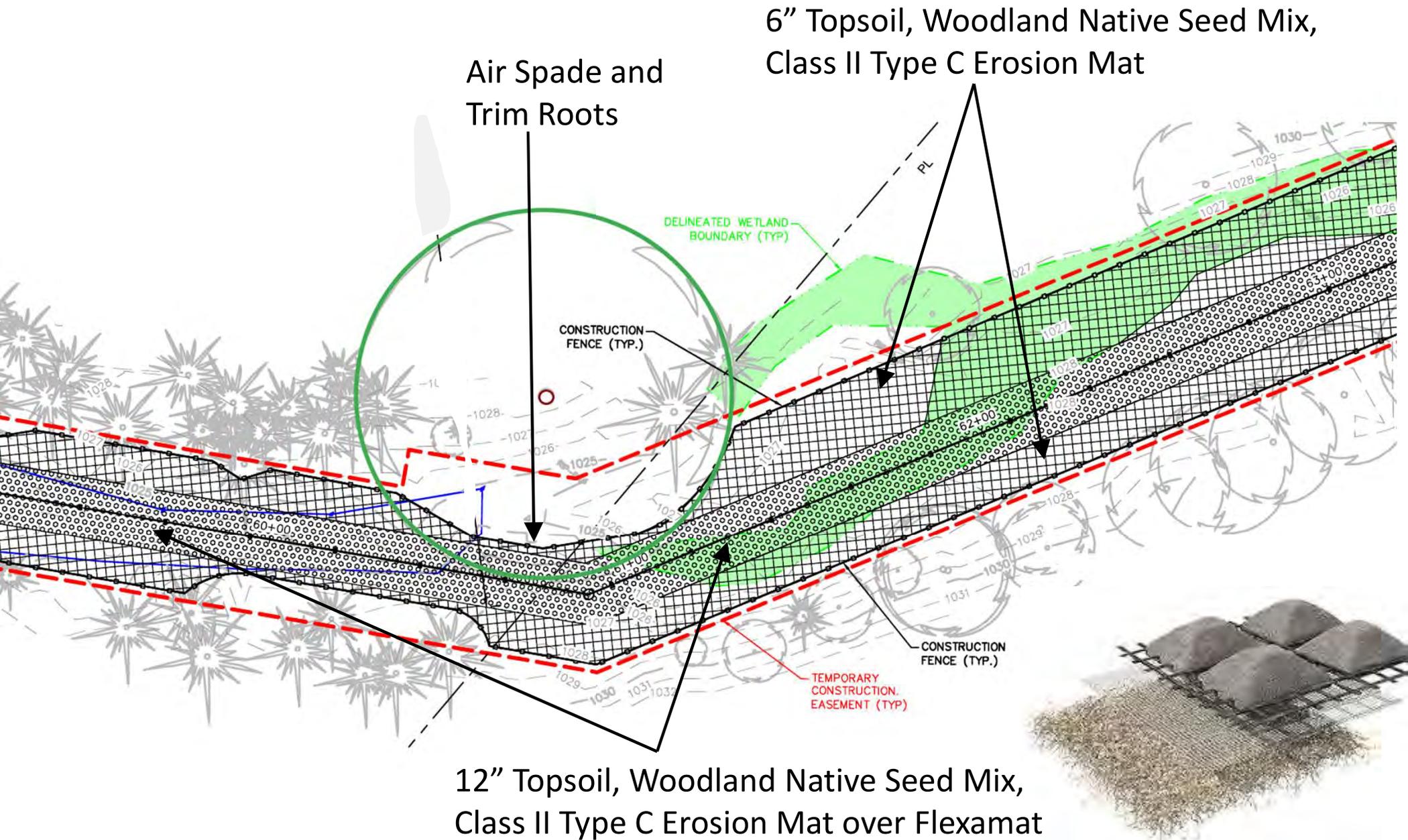
April 2009



July 2009



Tree Protection & Ravine Restoration



Construction in Open Fields

Photo from Lower Badger Mill Creek Interceptor Phase 5



Construction in Open Fields

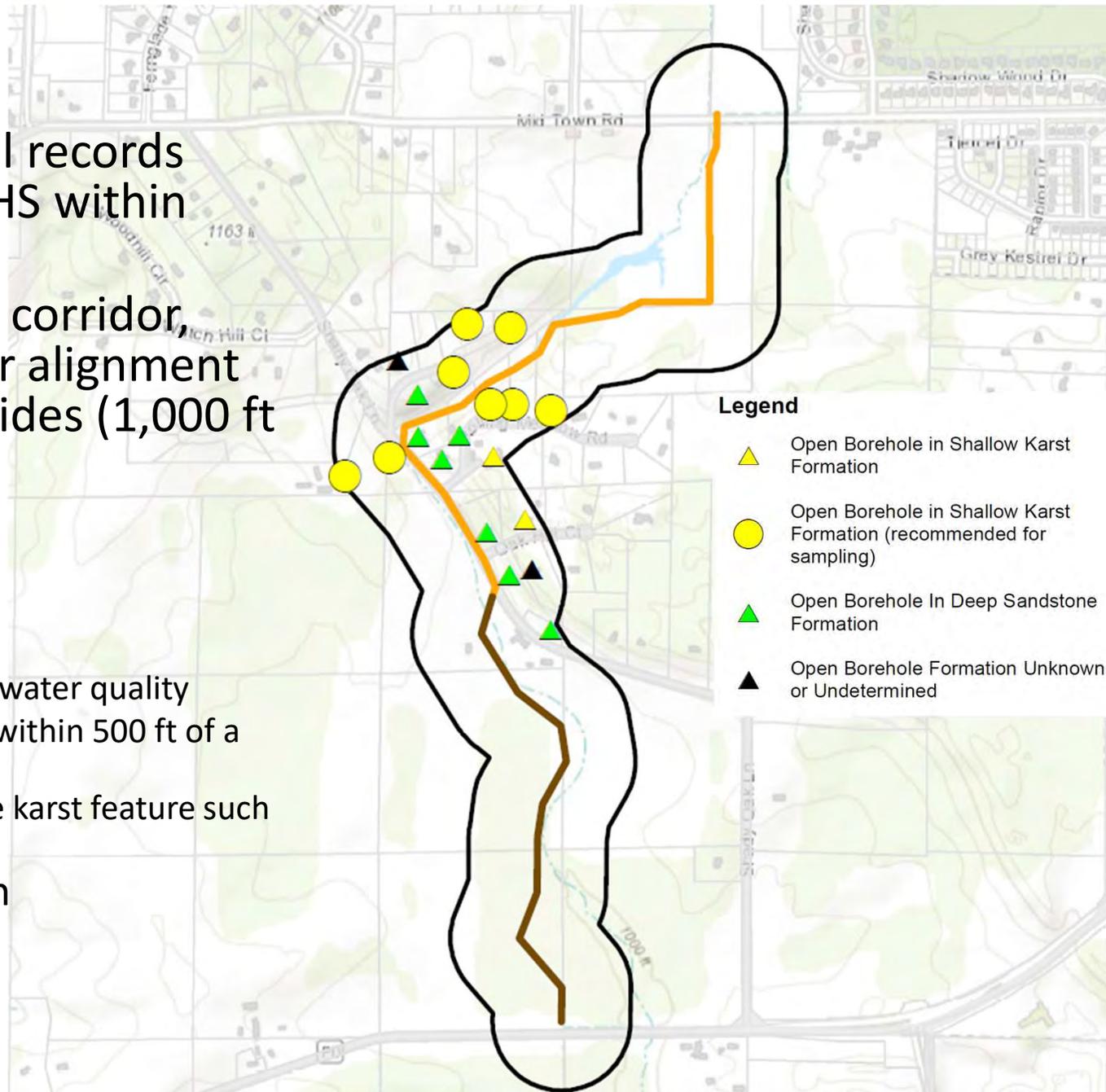
Photo from Lower Badger Mill Creek Interceptor Phase 5

Phase 5 manholes were left above grade to match future development elevations. Phase 6 manholes in fields will all be at or below grade. Three manholes will be buried 2' below grade to allow continued farming operations above those 3 manholes.

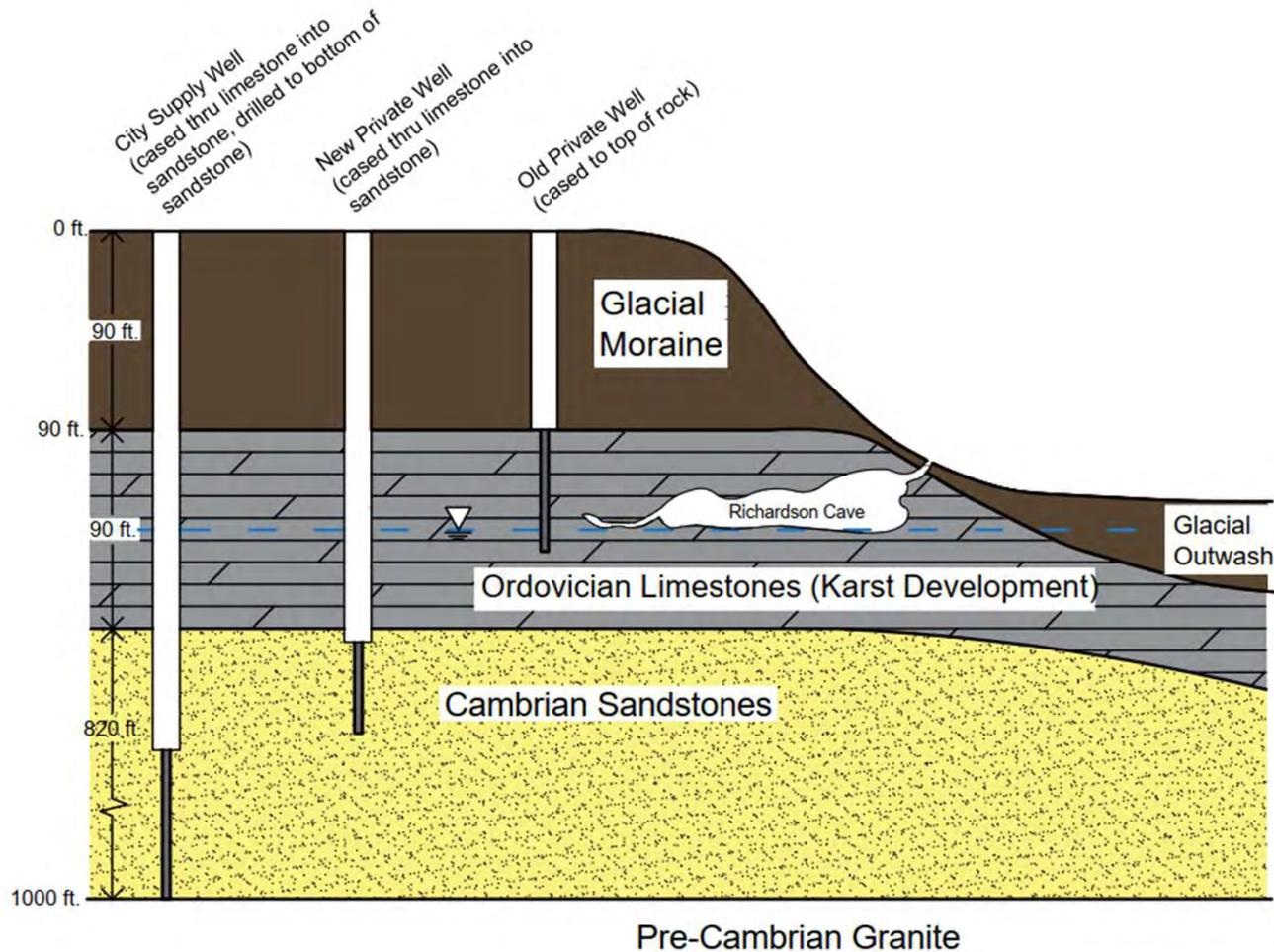


Private Well Screening & Recommended Testing

- Reviewed available well records from WDNR and WGNHS within project area.
- Focused on the project corridor, which is the interceptor alignment plus 500 feet on both sides (1,000 ft total width).
- Recommended Testing
 - Two Pre-Construction
 - During Construction
 - Unexplained change in water quality
 - Flooding of excavation within 500 ft of a monitored well
 - Excavation reveals large karst feature such as an open sink hole
 - Two After Construction



Hydrogeology and Private Wells



Private Well Monitoring Memo is available on Project web page and includes monitoring and contingency plan for private wells.

Construction Contractor & Schedule

February 27, 2025 - Bids Opened

6 bids received

Low bid approximately \$3.4 million

Low Bidder is Integrity Grading and Excavating

March 13, 2025 – Award Contract to IGE

March 27, 2025 (approx) - Notice to Proceed

April – Construction staking in the ravine (AECOM)

May – Begin Construction in Shady Oak

August 15, 2025 – Construction in Shady Oak must be complete

Fall 2025 – Pipe construction in ravine

Winter 2025/26 – Construction in farm fields

June 1, 2026 – Substantial completion – Installation of pipe and manholes complete and ready for use

July 1, 2026 – Final Completion



Updates, Questions, & Feedback

Check the project web page for updates or
sign up for notifications:

madsewer.org/lbmci

For questions or to submit public comments, contact:

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Madison Metropolitan Sewerage District, Project Manager

608-347-3613

erich@madsewer.org

