



STAFF REPORT

DATE: October 20, 2020

REGULAR

AGENDA ITEM: Approve MPCA Grant Agreement for the 38th-39th Street Neighborhood Street and Utility Improvements

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Marty Powers, Public Works Director
Chad Isakson, Assistant City Engineer

ISSUE BEFORE COUNCIL: Should the Council approve the Grant Agreement with the MPCA for the 38th-39th Street Neighborhood Street and Utility Improvements?

BACKGROUND: In July, 2020 the City of Lake Elmo submitted applications to the MPCA to extend municipal water service to existing neighborhoods that reside in the Special Well Construction Area due to PFAS contamination and have households that have received well advisories due to the PFAS contamination exceeding HBV levels. In addition, the neighborhoods submitted for consideration have been identified for street improvements within the City Street Capital Improvement Plan, so that the infrastructure improvements may be coordinated in a timely manner as one project.

PROPOSAL DETAILS/ANALYSIS: This project will extend clean drinking water to 49 homes located in the Bordners Garner Farnettes subdivision in the City of Lake Elmo by extending the municipal water system into the neighborhood prior to reconstructing the neighborhood streets as scheduled for improvement in 2021 in the City's capital improvement plan, and prior to the County Roadway Improvements along Ideal Avenue (CSAH 13) to be completed in 2022.

The project extends a 12-inch trunk public watermain from the adjacent Wildflower Shores subdivision located to the southeast, across a portion of city property and north through a utility easement at 3817 Innsdale Avenue, to bring the city water supply to the neighborhood. Approximately 7,200 feet of watermain will extend to the neighborhood, run along 38th Street, 39th Street and Innsdale Avenue, as well as north and south along Ideal Avenue (CSAH 13), to connect the 12-inch trunk watermain to the existing 6-inch watermain at the intersection of Lake Jane Trail, to replace the existing 6-inch watermain north of Lake Jane Trail with a new 12-inch trunk watermain, and to extend south to the south property line of 3765 Ideal Avenue. The existing 6-inch watermain north of Lake Jane Trail will be replaced with a 12-inch trunk watermain to establish a reliable supply capacity from the Oakdale interconnect at 40th Street North. Individual water service stubs will be installed to the edge of right-of-way at each of the 49 residential properties. Following the installation of the public watermain improvements, the public streets, including 38th Street, 39th Street and Innsdale Avenue will be reconstructed including storm sewer and storm water management improvements to meet Valley Branch Watershed District requirements.

The project will also include grant funding and administrative processes for ensuring each property completes the private water service connection from the right-of-way to each home, including water meter installation, sealing of the private well, removal of any existing GAC filters, and all permitting and connection fees. The City intends to implement the public improvement portion of the project that remains within the public right-of-way and will require property owners to contract directly for the work to be completed on individual properties. The private property work will be funded on a reimbursement basis.

A portion of the costs are considered non grant eligible and will be paid from the City of Lake Elmo water enterprise fund. Non eligible costs include approximately \$200,000 to replace the existing 6-inch Pressure Reducing Valve and 6-inch watermain north of Lake Jane Trail to the Oakdale Interconnect, and approximately \$84,000 in watermain oversize costs to install a portion of the watermain extension through the neighborhood with 12-inch trunk watermain in lieu of the city standard 8-inch watermain. Staff has requested these additional costs to be considered grant eligible and are waiting for a decision by the MPCA.

FISCAL IMPACT: The improvements will be funded primarily through the MPCA Grant. The estimated total project cost is \$3,980,000 and the MPCA Grant is in the amount of \$3,696,000. The City has also requested that the remaining \$284,000 be funded through the grant to cover watermain oversize costs due to the neighborhood residing in a non-urbanized area (MPCA decision pending).

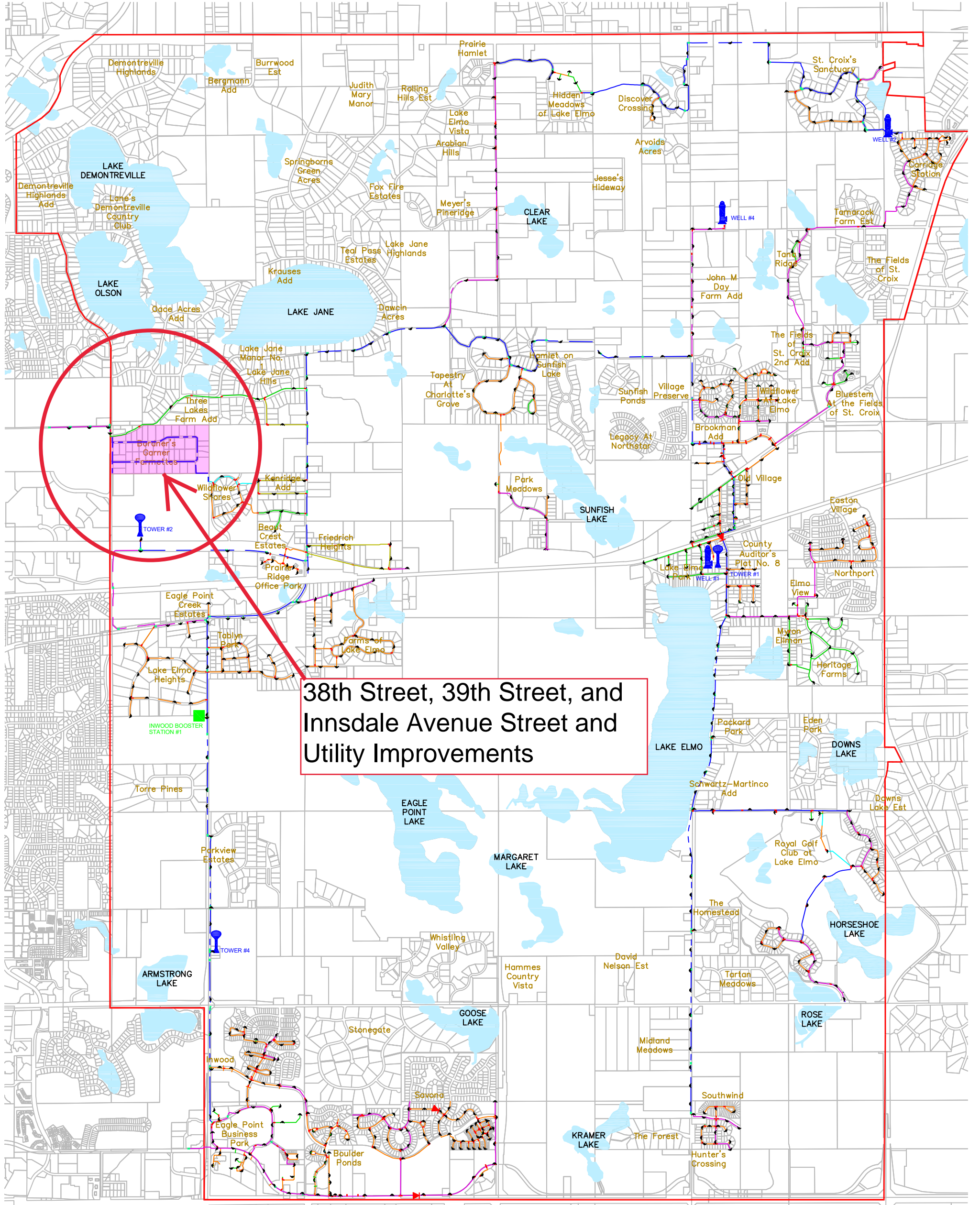
RECOMMENDATION: Staff is recommending that the City Council approve the MPCA Grant Agreement for the 38th-39th Street Neighborhood Street and Utility Improvements. The recommended motion for this action is as follows:

“Move to approve the MPCA Grant Agreement, Contract Number 184198, for the 38th-39th Street Neighborhood Street and Utility Improvements.”

ATTACHMENTS:

1. Project Location Map.
2. MPCA Grant Agreement. Staff will hand out copies of the agreement and work plan at the meeting. Since they are non-public data the papers will need to be collected at the end of the meeting.

CITY OF LAKE ELMO

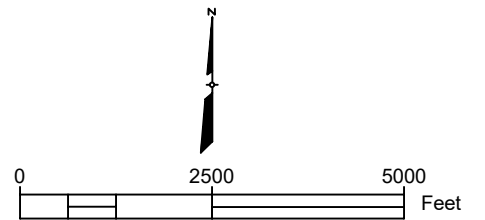


**38th Street, 39th Street, and
Innsdale Avenue Street and
Utility Improvements**

LEGEND

- 4" DIP WATERMAIN
- 6" DIP WATERMAIN
- 8" DIP WATERMAIN
- 8" HDPE DR17 WATERMAIN
- 8" HDPE DR11 WATERMAIN
- 10" DIP WATERMAIN
- 12" DIP WATERMAIN
- 12" HDPE DR17 WATERMAIN
- 12" HDPE DR11 WATERMAIN
- 16" DIP WATERMAIN
- 16" HDPE DR 17 WATERMAIN
- 16" HDPE DR 11 WATERMAIN
- BUTTERFLY VALVE
- GATE VALVE
- ▲ HYDRANT
- ▲ REDUCTION STATION
- ACTIVE WELL
- ACTIVE WATER TOWER
- ACTIVE BOOSTER STATION
- ▲ REDUCER

EXPEDITED PROJECT FUNDING APPLICATION



REVISED: JUNE 2020