



## STAFF REPORT

DATE: August 4, 2021

### **CONSENT**

**AGENDA ITEM:** Approve Geotechnical Services for the 2022 3M Funded Expedited Projects

**SUBMITTED BY:** Jack Griffin, City Engineer

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

---

**ISSUE BEFORE COUNCIL:** Should the City Council authorize geotechnical engineering services for the 2022 3M Funded Expedited Projects?

**BACKGROUND, PROPOSAL DETAILS/ANALYSIS:** On July 6, 2021 the City Council authorized the feasibility report and design phase services for the Torre Pines Street and Utility Improvements and the Whistling Valley Street and Utility Improvements. Then on July 20, 2021 the City Council authorized the feasibility report and design phase services for the Parkview-Cardinal Neighborhood Street and Utility Improvements.

The project designs were subsequently initiated and the respective engineering design consultants have prepared the geotechnical services scope of work needed for each project. Geotechnical services are necessary to investigate the subsurface conditions, including existing subsurface soil materials for the purpose of watermain installation and support strength for each street segment. This information will assist in making informed decisions in regard to the watermain installation methods, and the scope of improvement needed for each street segment, including whether a full depth reclamation is a feasible street improvement option.

The City of Lake Elmo has requested proposals from Braun Intertec, Inc. and AET, Inc with a submittal deadline of August 6, 2021. In order to authorize and schedule the mobilization of the geotechnical services in a timely manner, staff is requesting that the council provide the authority to the City Administrator to sign a Geotechnical Services Contract from the selected firm in an amount not to exceed \$40,000. The not to exceed amount is based on staff's estimation of the cost of the requested services for the combined projects.

**FISCAL IMPACT:** Not to exceed \$40,000. The funds expended for geotechnical services will be reimbursed through each project's respective 3M Grant Amount.

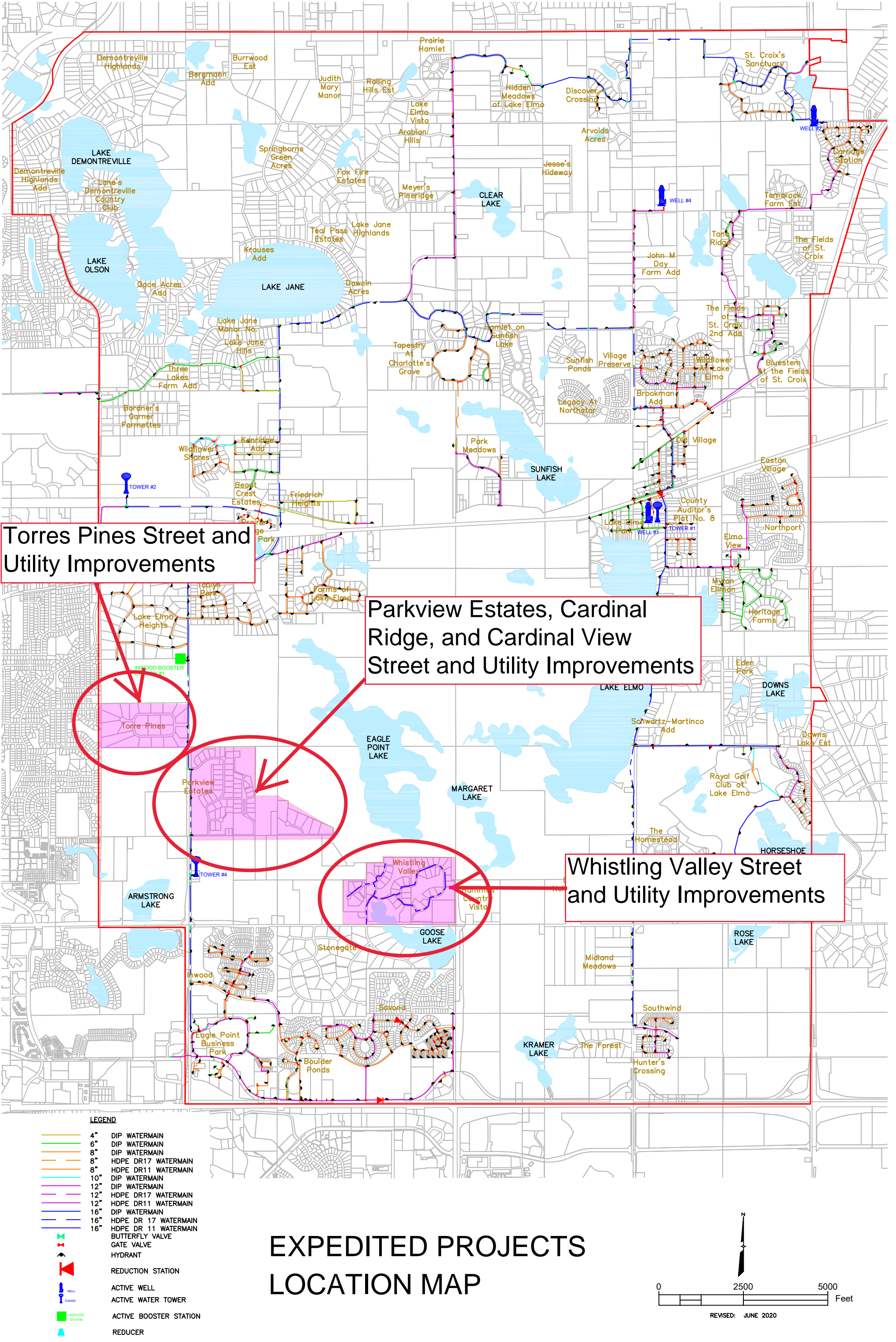
**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, a geotechnical services contract for the 2022 3M Funded Expedited Projects, including the Torre Pines Street and Utility Improvements, Whistling Valley Street and Utility Improvements, and the Parkview-Cardinal Neighborhood Street and Utility Improvements; and authorize the City Administrator to sign a Geotechnical Services Contract as recommended by the City Engineer in the amount not to exceed \$40,000. If removed from the consent agenda, the recommended motion for this action is as follows:

***“Move to approve a geotechnical services contract for the 2022 3M Funded Expedited Projects, including the Torre Pines Street and Utility Improvements, Whistling Valley Street and Utility Improvements, and the Parkview-Cardinal Neighborhood Street and Utility Improvements; and authorize the City Administrator to sign a Geotechnical Services Contract as recommended by the City Engineer in the amount not to exceed \$40,000.”***

**ATTACHMENTS:**

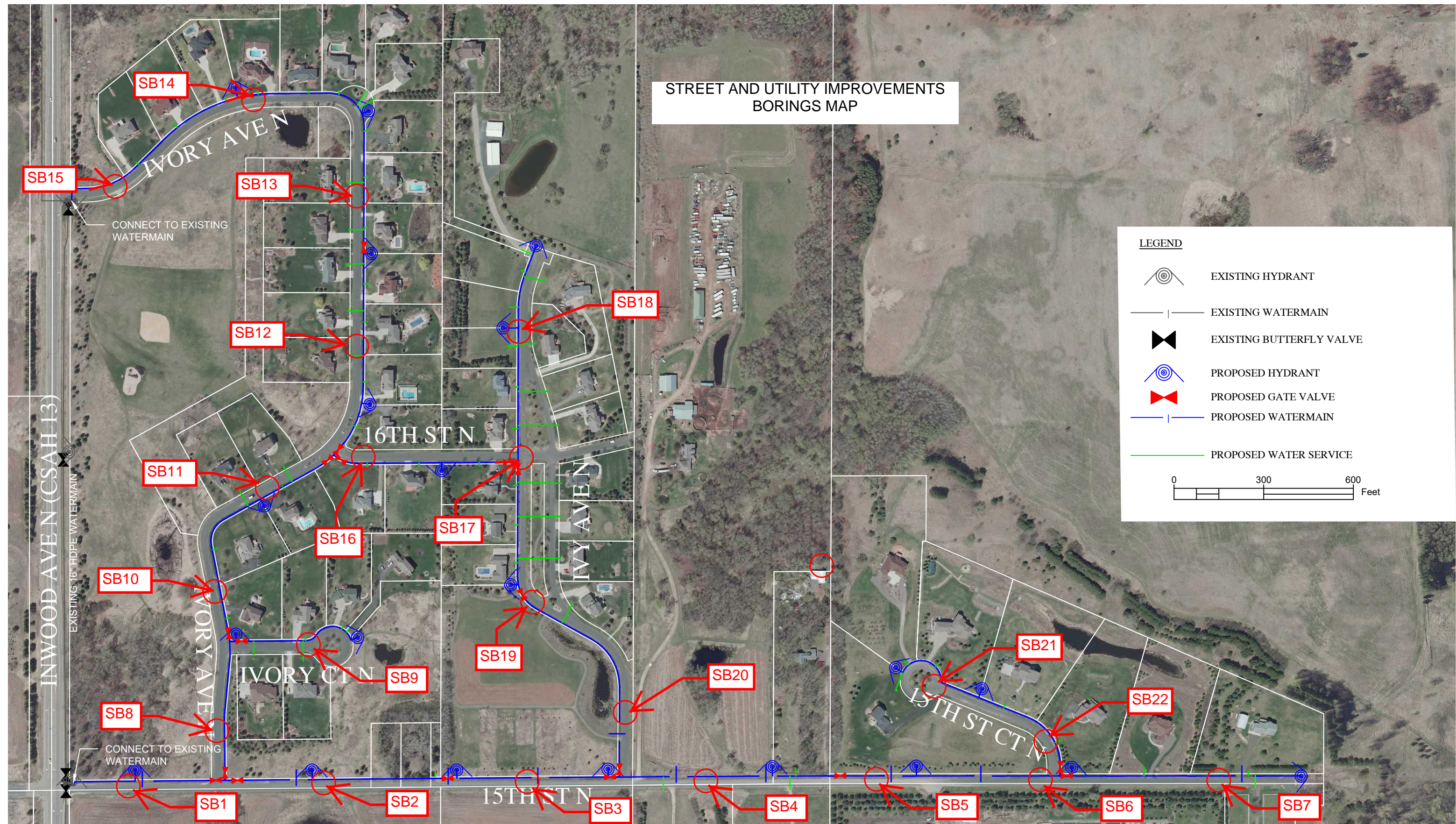
1. Project(s) Location Map.
2. Geotechnical Services Boring Map.

# CITY OF LAKE ELMO





STREET AND UTILITY IMPROVEMENTS  
BORINGS MAP







H:\LAKELM\ON1125010\CAD\C3D\MISC-125010-Soil Boring Figure.dwg 7/23/2021 4:08:45 PM



STREET AND UTILITY IMPROVEMENTS  
BORINGS MAP

