

VILLAGE OF LOMBARD
REQUEST FOR BOARD OF TRUSTEES ACTION
For Inclusion on Board Agenda

_____ Resolution or Ordinance (Blue) _____ Waiver of First Requested
_____ Recommendations of Boards, Commissions & Committees (Green)
 X Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: April 22, 2026 (B of T) **Date:** May 7, 2026

TITLE: Underground Utility Improvements District 450
Geotechnical Engineering Services

SUBMITTED BY: Phil Tartaglia, P.E., Village Engineer

BACKGROUND/POLICY IMPLICATIONS:

Geotechnical engineering services related to Underground Utility Improvements within the 450 District. Geotechnical engineering will complete soil samples, pavement cores and soil analysis and complete a detailed report of their findings.

FISCAL IMPACT/FUNDING SOURCE:

Total Contract Amount: \$39,230.00

Project Number: WA 23 03 Underground Utility Improvements District 450

CIP FY 26 Budget Amount: Engineering Services \$67,140.00

Account: Engineering Services 101.270.330.75410 (\$67,140.00)

Review (as necessary):

Village Attorney X _____ Date _____

Finance Director X _____ Date _____

Village Manager X _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

Interoffice Memo



To: Scott Niehaus, Village Manager
From: Philip Tartaglia, P.E., Village Engineer
Through: Carl Goldsmith, Public Works Director
Date: April 22, 2026
Subject: Engineering Agreement
Geotechnical Engineering
Underground Utility Improvements – District 450

Approval is being requested for the attached proposal for geotechnical engineering services related to the Underground Watermain Improvements – District 450 project.

Following our initial project Kickoff Meeting with Baxter & Woodman, staff contacted the Village's approved shortlist of geotechnical engineering firms. Due to the need for analytical testing required for Clean Construction or Demolition Debris (CCDD) disposal, Soil Engineering and Testing Consultants, LLC (SEECO) is the only shortlisted vendor capable of providing the full suite of geotechnical services necessary for this specific project.

The proposed amendment includes the minimum level of geotechnical investigation required to evaluate project feasibility, refine preliminary cost estimates, and support planning for future phased improvements under this capital improvement project. Because the district encompasses a large project area and the work will be delivered in multiple phases, it is important to manage geotechnical testing carefully. Sampling data can become outdated if collected too early, potentially requiring duplicate borings or analytical work.

To avoid unnecessary costs, the attached proposal limits the initial geotechnical scope to the work needed now to support cost evaluation and preliminary design decisions. This approach ensures that the Village does not pay for sampling twice while allowing phase-specific analytical testing to occur closer to the anticipated construction year, when the data will be most accurate and applicable.

The detailed geotechnical proposal prepared by SEECO is attached. The scope of work was developed collaboratively with our design consultant; however, this contract will be administered directly by the Village, independent of our primary engineering agreement with Baxter & Woodman.

Proposal Summary:

- Engineering Agreement: \$39,230.00

Approval of the attached agreement will allow SEECO to perform the necessary geotechnical work and share their findings with the project design team at Baxter & Woodman

Construction Monitoring &
Observations

Construction Materials Testing

Tunnels and Underground Openings

Geotechnical Engineering &
Evaluation

SEECO Consultants Inc.
CONSULTING ENGINEERS

Subsurface Explorations

Foundation Analysis & Design

Structural Rehabilitation
Condition Surveys

Dams and Drainage Studies

April 10, 2026

Mr. Philip Tartaglia, P.E. – Village Engineer
Village of Lombard
Department of Public Works
1051 S. Hammerschmidt Drive
Lombard, IL 60148

REVISED PROPOSAL AND CONTRACT

Subsurface Exploration, Laboratory Testing and
Geotechnical Engineering and Analysis for the
Fire District 450 Watermain Improvements,
Lombard, IL

Dear Mr. Tartaglia:

Pursuant to your request, SEECO Consultants, Inc. is pleased to present our proposal for the above referenced project. In preparing our proposal, we have reviewed pertinent information and have visited the site. The proposal has been based upon your RFP criteria.

The scope of work SEECO is prepared to undertake is as follows:

- The field exploration will include forty (40) soil borings to 15' and eighteen (18) pavement cores with the soil borings. The borings will be located in general accordance with the site plan provided by Baxter and Woodman and may be offset as required to facilitate access or to be clear of overhead/underground marked utilities. Borehole depths will be to stated depths or auger/spoon refusal, whichever is achieved first. Rock coring is not included. Elevations will be interpolated from plans to be provided to us.
- The resulting geotechnical soil samples will be returned to SEECO's laboratory for further testing and analysis. Visual classification, moisture content, and unconfined compressive strength will be performed on all samples. pH will be determined on one sample per boring.
- Representative soil samples will be collected and field screened from the 40 boring locations for the presence of volatile organic vapors using a photo ionization detector (PID). Visual and olfactory senses will also be used to screen the soil samples for the presence of petroleum hydrocarbons. If no samples display an elevated PID reading, and pH test results meet MAC Table requirements then the soil will be assumed to be, to the best of our knowledge, clean, uncontaminated fill material, notwithstanding potential future analytical chemical testing in areas adjacent to PIPs for CCDD Certification.

REVISED PROPOSAL AND CONTRACT

Subsurface Exploration, Laboratory Testing and
Fire District 450 Watermain Improvements,
Lombard, IL

April 10, 2026

- Upon completion of the field exploration and laboratory testing a written Geotechnical Report will be prepared under the direction of a Registered Professional/Structural Engineer of Illinois. The report will address all four (4) phases and will encompass the encountered subsurface soil conditions, encountered pavement cross-sections, laboratory data, encountered groundwater elevations, if encountered bedrock elevations, and general construction considerations. Recommendations regarding watermain installation and pavement replacement will be provided. Profile drawings are not included. JULIE will be contacted. SEECO is not responsible for mismarked or unmarked utilities. Assumes all drilling locations will be accessible to a truck mounted drill rig unless otherwise stated. Assumes CCDD tasks are performed during geotechnical tasks.

The costs for the above stated services will be as follows:

Geotechnical Services as Stated	\$39,230.00
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Invoicing terms are net due 30 days from date of invoice. Additional drilling and sampling, if required due to soil conditions will be charged at \$40.00/lin.ft. Approval will be obtained prior to initiating additional work, if any.

We will proceed with the work as outlined above upon authorization by the Village through a Job Order.

If there are any questions with regard to this proposal, I would be glad to discuss them with you. We are very interested in providing you with our services on this project and assure you of our utmost cooperation.

Respectfully submitted,

SEECO Consultants, Inc.



Donald C. Cassier
Director of Field Services



Collin W. Gray, S.E., P.E.
President