

July 31, 2024

City of Brecksville
9069 Brecksville Road
Brecksville, Ohio 44141

Attention: Mayor Daryl J. Kingston

Reference: Proposal for Subsurface Exploration
Snowville Road – Grade Modifications
Snowville Road from Dewey Rd to Deer Run
Brecksville, Cuyahoga County, Ohio

CTL Proposal No. 24050051CLEPPL

Mayor Kingston:

In response to your request, CTL Engineering, Inc. is pleased to submit this proposal for Geotechnical Investigation services for the referenced project.

PROJECT DESCRIPTION AND SCOPE OF WORK

The project consists of regrading Snowville Road by lowering a portion of it from Dewey Road to Deer Run gradually by about 3 feet. This regrading will also require lowering some of the utilities.

CTL plans to advance 2 soil borings, one at 25 feet deep near Dewey Road at the high point, and one at 20 feet deep near Deer run at the lower point. CTL will obtain soil samples at 2.5-foot interval in the upper 15 feet and at 5-foot interval thereafter. Based on the collected soil data, CTL will provide recommendations for subgrade stabilization, pavement support, and utility installation.

PROCEDURES

CTL services will include the following items:

- A. Mark the soil boring locations (surface elevations by others).
- B. Contact Ohio Utility Protection Services (OUPS) to locate underground utilities. Borings, which are in the area of utilities will be offset and noted on the site plan.

- C. Drill the test borings in the proposed area.
- D. Field and laboratory testing in accordance with ASTM specifications.
- E. Engineering evaluation and reporting to include:
 - 1. General description of site.
 - 2. Boring logs and soil profile to include:
 - (a) Surface elevation at each test boring location.
 - (b) Thickness of pavement and subsoil strata.
 - (c) Groundwater encountered during drilling, and at completion.
 - (d) Standard penetration and moisture content as a function of depth.
 - 3. Existing subsurface conditions.
 - 3. Soil data for Subgrade Analysis
 - 4. Groundwater management recommendations.
 - 5. Recommendations for roadway and utility support.

COST ESTIMATE

Field Testing:	\$2,100.00
Traffic Control (Flaggers):	\$1,200.00
Laboratory Testing:	\$1,050.00
Engineering Service:	<u>\$2,000.00</u>
Estimated Total Fee:	\$6,350.00

CONTINGENCIES

This proposal does not include the costs incurred due to any unforeseen conditions. Whenever the actual amount of work will exceed the estimated quantity, the client will be notified and authorization will be obtained, prior to CTL performing additional work. In addition, this information is proprietary and confidential and CTL assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than City of Brecksville and their Representatives.

SCHEDULE

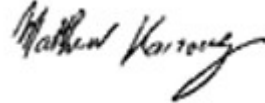
CTL can start the drilling within 7 to 10 days of authorization. The final report will be submitted within 25 to 30 working days of authorization.



CLOSING

CTL is committed to provide comprehensive and quality services to its clients, and is confident that our services are commensurate with your professional expectations. We sincerely appreciate the opportunity to provide this cost proposal and look forward to working with you. Should you have any questions, please feel free to contact me at (330) 220-8900.

Respectfully submitted,
CTL ENGINEERING, INC.



H. Matthew Kairouz,
P.E. Project Engineer

Enclosure:

- *Proposed Boring Location Plan*

Legend

- Soil Boring



Snowville Rd

B-1

Snowville Rd

B-2

Snowville Rd

Snowville

Dewey Rd

Dewe

Deer

Deer Run

