

**Sycamore St. Lift Station and Forcemain Replacement  
Somonauk, IL**

CONTRACTOR'S BID DATE: Thursday March 23, 2023 at 11:00 a.m.

PLACE FOR CONTRACTORS  
TO SUBMIT BIDS:

Village of Somonauk  
131 South Depot Street  
Somonauk, Illinois 60552  
Phone (815) 498-3500

**ADDENDUM NO.2**

March 17, 2023

**TO ALL PLANHOLDERS:**

To clarify information, it is necessary to provide the following Bid Addendum No.2 for the above referenced project. Bid Addendum No.2 may consist of revised specifications, plan sheets, and clarifications to generally asked questions.

Prospective Bidders must consider the Bid Addendum No.2 when preparing their bidding proposal. The signed copy of Bid Addendum No.2 must be included with the submitted Bid Proposal. Failure to incorporate all relevant addenda may cause the bid to be declared unacceptable.

The contract documents for the above referenced project are hereby amended as set forth below. The information contained within this Addendum No.2 shall be treated as if it was originally contained within the contract documents.

**SPECIFICATIONS:**

N/A

**PLANS:**

N/A

**GENERAL QUESTIONS AND CLARIFICATIONS:**

1. **Question:** Is there any soil boring information available for the lift station?

**Response:** See attached supplemental soil boring investigation summary report compiled by Rubino Engineering Inc. dated March 16, 2023 See PDF named G23.039 Somonauk Lift Station and Force Main Summary Report with soil boring map and boring logs for additional information to consideration. Further CCDD testing and results are forthcoming and will be available at time of award to the contractor.

2. **Question:** Is CEM-KOTE CW PLUS Capillary/Crystalline Waterproofing acceptable for Specification section 031000 Paragraph 2.02 H?

**Response:** *CEM-KOTE CW PLUS Capillary/Crystalline Waterproofing is not an acceptable substitution.*

3. **Question:** Is a substitute allowable for the System Integrator?

**Response:** *Contractor to use system integrator as specified in the specifications.*

4. **Question:** On the plug valves, the drawings are calling for a plug valve with valve box & handwheel while the specs seem to be calling for both an extended bonnet or a stem extension, valve box route.

**Response:** *The intent of the project is to have the gear/handwheel above grade.*

5. **Question:** Are they looking for an air cushion on the check valve or just a simple lever & weight?

**Response:** *The check valves shall be lever and weight check valves.*

All bidders shall acknowledge receipt and acceptance of Addendum No.2 by signing in the space provided below. Bids submitted without Addendum No.2 being acknowledged will be considered non-responsive.

**Acknowledgement of Addendum No.2**

Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

**END OF ADDENDUM No.2**

March 16, 2023

To: Rebecca Morphey  
Village Administrator  
Village of Somonauk  
P: 815.498.3500

Re: Soils Investigation Summary Report  
Lift Station and Force Main Replacement  
Somonauk, Illinois

Rubino Project No. G23.039

Via email: [dschultz@hrgreen.com](mailto:dschultz@hrgreen.com)

Dear Ms. Morphey,

Rubino Engineering, Inc. is pleased to submit the following summary report for the above referenced project.

### ***Authorization History and Project Scope***

Rubino Engineering, Inc. (Rubino) received authorization to proceed on Rubino proposal number Q23.100g dated February 27, 2023 by Rebecca Morphey, Village Administrator for Somonauk, on February 28, 2023.

### ***Soil Sampling***

On February 10, 2023 Rubino mobilized to conduct a soils investigation of material located on Gage Street, LaSalle Street, Sycamore Street and at the WWTP. The soils investigation included four (4) soil borings to approximate depths of 10, 15, and 30 feet below existing grade and one (1) pavement core. Locations of the borings and pavement can be found in **Appendix A.1**. The borings were advanced utilizing 2 ¼ inch inside-diameter, hollow stem auger drilling. Soil samples were routinely obtained during the drilling process.


Subgrade soils generally consisted of undocumented fill, brown and/or gray silty clay, brown silt, brown silty sand, and brown sand. See **Appendix A.2** for more detailed information.

### ***Closing***

Rubino appreciates the opportunity to provide coring services and boring logs for this project and we look forward to continued participation during the design and in future construction phases of this project.

If you have questions pertaining to this report, or if Rubino may be of further service, please contact our office at (847) 931-1555.

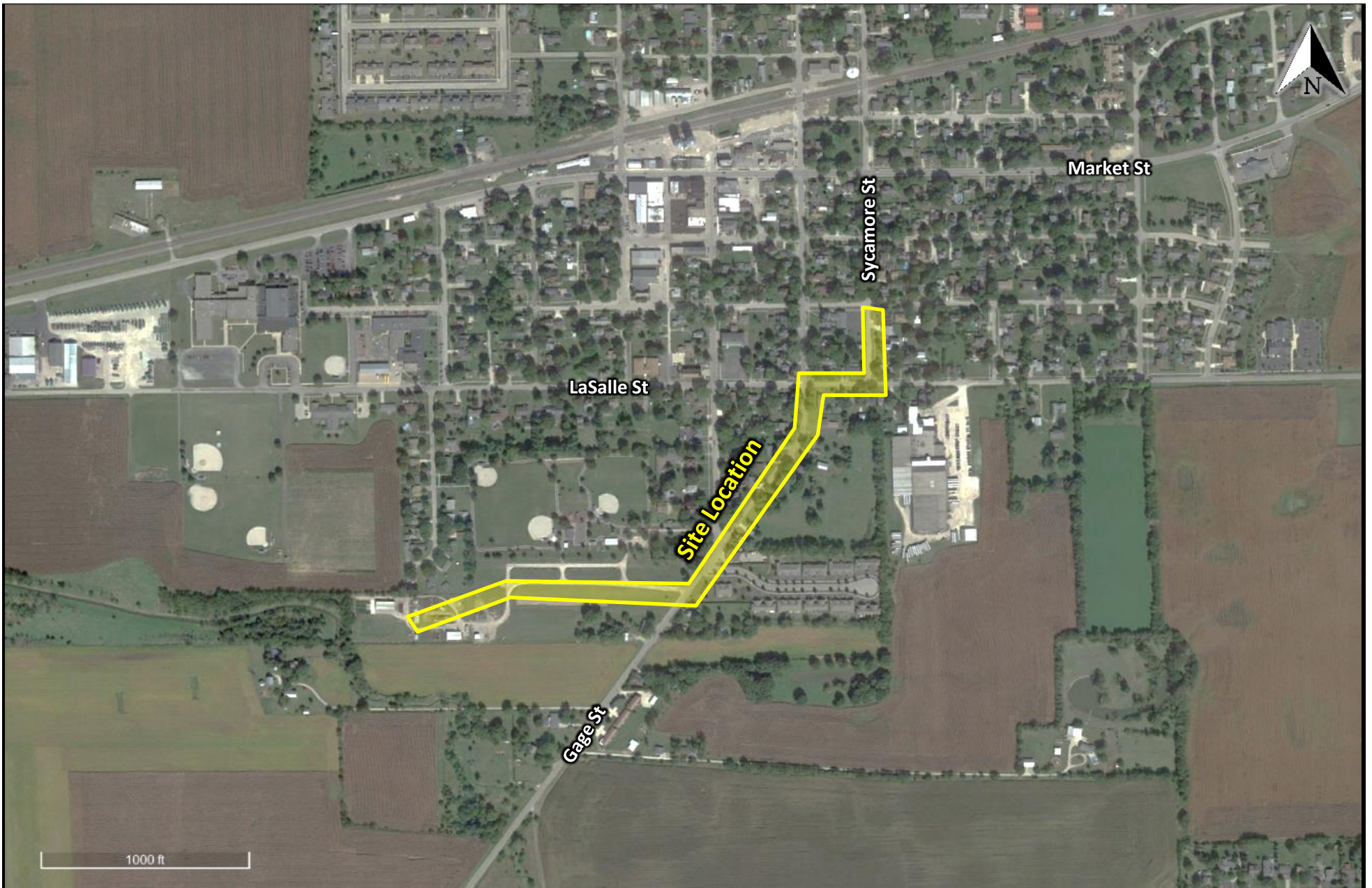
Respectfully Submitted,  
**Rubino Engineering, Inc.**

  
Michelle Lipinski, P.E., President

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**APPENDIX A.1 – SITE VICINITY MAP & BORING LOCATION PLAN**



425 Shepard Drive  
Elgin, Illinois 60123

**Project Name:**  
**Project Location:**  
  
**Client:**  
**Rubino Project # :**

**Lift Station and Force Main Replacement**  
Gage St, LaSalle St, and Sycamore St  
Somonauk, Illinois  
**Village of Somonauk**  
G23.039

**Site  
Vicinity  
Map**



425 Shepard Drive  
Elgin, Illinois 60123

**Project Name:**  
**Project Location:**  
  
**Client:**  
**Rubino Project # :**


**Lift Station and Force Main Replacement**  
Gage St, LaSalle St, and Sycamore St  
Somonauk, Illinois  
**Village of Somonauk**  
G23.039

**Boring  
Location  
Plan**


**APPENDIX A.2 – PAVEMENT CORE SUMMARY TABLE**

Cores were taken in the pavement of LaSalle Street in Somonauk, Illinois. The table below summarizes the thicknesses observed in the field and laboratory.





**B - 03**  
**(Lasalle Street)**



Picture Taken Facing East



**Total Thickness = 6 inches**

-  HMA Surface<sub>1</sub> = 1 ½ in.
-  HMA Surface<sub>2</sub> = 1 ½ in.
-  HMA Binder<sub>1</sub> = 1 ½ in.
-  HMA Surface<sub>3</sub> = 1 ½ in.
- Subbase Stone = 8 inches**

The referenced thicknesses are considered approximate. Commentary provided by Rubino is based on our observation in the laboratory; **Crack** = vertical through cross section; **Weathering** = rounded edges & degradation of asphalt and **Deterioration** = horizontal crack. Pavement and subbase type and thickness may vary between core locations. Any comments on the condition of the material are considered our opinion and should be verified by the design engineer.





**APPENDIX A.3 – BORING LOGS**

Rubino Job No.: G23.039  
 Project: Lift Station and Force Main Replacement  
 Location: Gage St, LaSalle St, Sycamore St  
 City, State: Somonauk, Illinois  
 Client: Village of Somonauk

Drilling Method: 2 ¼ Hollow Stem Auger  
 Sampling Method: Split Spoon  
 Hammer Type: Automatic  
 Boring Location: At existing WWTP

| WATER LEVELS***   |     |
|-------------------|-----|
| ▽ While Drilling  | N/A |
| ▼ Upon Completion | N/A |
| ▽ Delay           | N/A |

| Elevation (feet) | Depth (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION  | Classification | SPT Blows per 6-inch | STANDARD PENETRATION TEST DATA |    |               |     | Additional Remarks |
|------------------|--------------|-------------|-------------|------------|-------------------|-----------------------------|---|----------------|----------------------|--------------------------------|----|---------------|-----|--------------------|
|                  |              |             |             |            |                   |                             |   |                |                      | Moisture, %                    |    | STRENGTH, tsf |     |                    |
| 0                |              |             |             |            |                   |                             | Approximately 4 inches of TOPSOIL: dark brown to black silty clay, with roots and organic matter<br>Soft to medium stiff, brown silty CLAY, trace sand and gravel |                |                      | 0                              | 25 | 50            |     |                    |
|                  |              |             |             | 1          | 8                 |                             |   | CL             | 1-2-2<br>N=4         | 19                             |    |               | *   | Qp=2.5 tsf         |
|                  |              |             |             | 2          | 14                |                             |   | CL             | 2-1-2<br>N=3         | 23                             |    |               | *   | Qp=1.5 tsf         |
| 5                |              |             |             | 3          | 18                |                             |   | CL             | 0-2-2<br>N=4         | 15                             |    |               | *   | Qp=1.0 tsf         |
|                  |              |             |             | 4          | 16                |                             |   | CL             | 2-3-3<br>N=6         | 13                             |    |               | *   | Qp=1.5 tsf         |
| 10               |              |             |             | 5          | 18                |                             | Very stiff, brown silty CLAY, trace sand and gravel   | CL             | 4-5-10<br>N=15       | 12                             |    |               | *   | Qp=3.3 tsf         |
|                  |              |             |             | 6          | 15                |                             |   | CL             | 7-12-12<br>N=24      | 11                             |    |               | >>* | Qp=4.5 tsf         |
| 15               |              |             |             |            |                   |                             | End of boring at approximately 15 feet below existing grade.  |                |                      |                                |    |               |     |                    |

Completion Depth: 15.0 ft  
 Date Boring Started: 3/10/23  
 Date Boring Completed: 3/10/23  
 Logged By: P.P.  
 Drilling Contractor: Rubino Engineering, Inc.

Sample Types:

- Auger Cutting
- Split-Spoon
- Rock Core
- Pressuremeter
- Shelby Tube
- Grab Sample
- No Recovery

Latitude: 41.6275798  
 Longitude: -88.6867677  
 Drill Rig: Geoprobe 7822DT  
 Remarks:  
 Log Entry: J. Ignarski  
 Checked By: H. Gregorich

The stratification lines represent approximate boundaries. The transition may be gradual.  
 \*\*\*Please reference the geotechnical report text for specific groundwater / dewatering recommendations.

Rubino Job No.: G23.039  
 Project: Lift Station and Force Main Replacement  
 Location: Gage St, LaSalle St, Sycamore St  
 City, State: Somonauk, Illinois  
 Client: Village of Somonauk

Drilling Method: 2 1/4 Hollow Stem Auger  
 Sampling Method: Split Spoon  
 Hammer Type: Automatic  
 Boring Location: NB ROW of S Gage St  
 25 feet E from edge of pavement

| WATER LEVELS***   |     |
|-------------------|-----|
| ▽ While Drilling  | N/A |
| ▼ Upon Completion | N/A |
| ▽ Delay           | N/A |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | MATERIAL DESCRIPTION  | Classification | SPT Blows per 6-inch | STANDARD PENETRATION TEST DATA |                            |               |  | Additional Remarks |  |
|------------------|---------------|-------------|-------------|------------|-------------------|---|----------------|----------------------|--------------------------------|----------------------------|---------------|--|--------------------|--|
|                  |               |             |             |            |                   |   |                |                      | Moisture, %                    |                            | STRENGTH, tsf |  |                    |  |
|                  | 0             |             |             |            |                   | Station: N/A<br>Offset: N/A   |                |                      | Moisture, %<br>0 25 50         | Strength, tsf<br>0 2.0 4.0 |               |  |                    |  |
|                  |               |             |             | 1          | 10                | Approximately 12 inches of TOPSOIL: dark brown to black silty clay, with roots and organic matter |                | 2-3-4<br>N=7         |                                |                            |               |  |                    |  |
|                  |               |             |             | 2          | 13                | FILL: dark gray and gray silty clay, trace sand and gravel  | CL             |                      |                                |                            |               |  |                    |  |
|                  |               |             |             | 2          | 13                | Medium stiff, brown and gray silty CLAY, trace sand and gravel                                    | CL             |                      |                                |                            |               |  | Qp=0.8 tsf         |  |
|                  | 5             |             |             | 3          | 6                 | Medium stiff to stiff, brown SILT, trace sand and gravel  | ML             | 2-2-7<br>N=9         |                                |                            |               |  | Qp=0.3 tsf         |  |
|                  |               |             |             | 4          | 12                |   |                | 3-4-5<br>N=9         |                                |                            |               |  |                    |  |
|                  | 10            |             |             |            |                   | End of boring at approximately 10 feet below existing grade.                                      |                |                      |                                |                            |               |  |                    |  |

|   |               |               |   |
|---|---------------|---------------|---|
| Completion Depth: 10.0 ft                     | Sample Types: | Pressuremeter | Latitude: 41.6292093                    |
| Date Boring Started: 3/10/23                  | Auger Cutting | Shelby Tube   | Longitude: -88.6877667                  |
| Date Boring Completed: 3/10/23                | Split-Spoon   | Grab Sample   | Drill Rig: Geoprobe 7822DT              |
| Logged By: P.P.                               | Rock Core     | No Recovery   | Remarks: Hole collapse at ~6 feet after |
| Drilling Contractor: Rubino Engineering, Inc. |               |               | Log Entry: J. Ignarski                  |
|   |               |               | Checked By: H. Gregorich                |

The stratification lines represent approximate boundaries. The transition may be gradual.  
 \*\*\*Please reference the geotechnical report text for specific groundwater / dewatering recommendations.

Rubino Job No.: G23.039  
 Project: Lift Station and Force Main Replacement  
 Location: Gage St, LaSalle St, Sycamore St  
 City, State: Somonauk, Illinois  
 Client: Village of Somonauk

Drilling Method: 2 ¼ Hollow Stem Auger  
 Sampling Method: Split Spoon  
 Hammer Type: Automatic  
 Boring Location: EB lane of LaSalle St  
 5 feet N from edge of pavement

| WATER LEVELS***   |     |
|-------------------|-----|
| ▽ While Drilling  | N/A |
| ▼ Upon Completion | N/A |
| ▽ Delay           | N/A |

| Elevation (feet) | Depth, (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION   | Classification | SPT Blows per 6-inch | STANDARD PENETRATION TEST DATA |             | Additional Remarks |            |
|------------------|---------------|-------------|-------------|------------|-------------------|-----------------------------|--|----------------|----------------------|--------------------------------|-------------|--------------------|------------|
|                  |               |             |             |            |                   |                             |  |                |                      | Moisture, %                    | Moisture, % |                    |            |
| 0                |               |             |             |            |                   |                             | Approximately 6 inches of ASPHALT                              |                |                      |                                |             |                    |            |
|                  |               |             |             |            |                   |                             | Approximately 8 inches of SUBBASE STONE                        |                |                      |                                |             |                    |            |
|                  |               |             |             | 1          | 8                 |                             | Medium stiff to stiff, brown silty CLAY, trace sand and gravel |                | 3-3-3<br>N=6         |                                |             | Qp=2.3 tsf         |            |
|                  |               |             |             | 2          | 12                |                             |  | 2-4-4<br>N=8   |                      |                                |             |                    | Qp=2.0 tsf |
| 5                |               |             |             | 3          | 18                |                             |  | 5-4-6<br>N=10  |                      |                                | Qp=3.0 tsf  |                    |            |
|                  |               |             |             | 4          | 18                |                             |  | 3-4-5<br>N=9   |                      |                                |             |                    | Qp=2.0 tsf |
| 10               |               |             |             |            |                   |                             | End of boring at approximately 10 feet below existing grade.   |                |                      |                                |             |                    |            |

|   |               |               |   |
|---|---------------|---------------|---|
| Completion Depth: 10.0 ft                     | Sample Types: | Pressuremeter | Latitude: 41.6308061                    |
| Date Boring Started: 3/10/23                  | Auger Cutting | Shelby Tube   | Longitude: -88.6804873                  |
| Date Boring Completed: 3/10/23                | Split-Spoon   | Grab Sample   | Drill Rig: Geoprobe 7822DT              |
| Logged By: P.P.                               | Rock Core     | No Recovery   | Remarks: Hole collapse at ~5 feet after |
| Drilling Contractor: Rubino Engineering, Inc. |               |               | Log Entry: J. Ignarski                  |
|   |               |               | Checked By: H. Gregorich                |

The stratification lines represent approximate boundaries. The transition may be gradual.  
 \*\*\*Please reference the geotechnical report text for specific groundwater / dewatering recommendations.

Rubino Job No.: G23.039  
Project: Lift Station and Force Main Replacement  
Location: Gage St, LaSalle St, Sycamore St  
City, State: Somonauk, Illinois  
Client: Village of Somonauk

Drilling Method: 2 1/4 Hollow Stem Auger  
Sampling Method: Split Spoon  
Hammer Type: Automatic  
Boring Location: NB shoulder of Sycamore St  
10 feet E from edge of pavement

| WATER LEVELS***   |         |
|-------------------|---------|
| ▽ While Drilling  | 18.5 ft |
| ▼ Upon Completion | 20 ft   |
| ▽ Delay           | N/A     |

| Elevation (feet) | Depth (feet) | Graphic Log | Sample Type | Sample No. | Recovery (inches) | Station: N/A<br>Offset: N/A | MATERIAL DESCRIPTION  | Classification | SPT Blows per 6-inch | Moisture, % | STANDARD PENETRATION TEST DATA |   |   |     | Additional Remarks |            |
|------------------|--------------|-------------|-------------|------------|-------------------|-----------------------------|---|----------------|----------------------|-------------|--------------------------------|---|---|-----|--------------------|------------|
|                  |              |             |             |            |                   |                             |   |                |                      |             | STRENGTH, tsf                  |   |   |     |                    |            |
| 0                |              |             |             |            |                   |                             | FILL: gray gravel   |                |                      |             |                                |   |   |     |                    |            |
|                  |              |             |             | 1          | 7                 |                             | Soft to medium stiff, dark brown silty clay, trace sand and gravel<br><i>Visible organic matter</i>                   | CL             | 1-1-1<br>N=2         | 21          | ⊗                              | * |   |     |                    | Qp=1.8 tsf |
|                  |              |             |             | 2          | 6                 |                             |   | CL             | 0-2-2<br>N=4         | 27          | ⊗                              | * |   |     |                    | Qp=0.8 tsf |
|                  | 5            |             |             | 3          | 10                |                             | Stiff to very stiff, brown silty CLAY, trace sand and gravel  |                | 3-3-5<br>N=8         | 15          | ⊗                              |   | * |     |                    | Qp=2.5 tsf |
|                  |              |             |             | 4          | 18                |                             |   |                | 3-5-8<br>N=13        | 14          | ⊗                              |   |   | *   |                    | Qp=3.8 tsf |
|                  | 10           |             |             | 5          | 18                |                             |   | CL             | 4-8-10<br>N=18       | 13          | ⊗                              |   |   | >>* |                    | Qp=4.5 tsf |
|                  |              |             |             | 6          | 18                |                             | <i>Color transitions to brown and gray at approximately 13 1/2 feet BEG</i>   |                | 7-12-12<br>N=24      | 12          | ⊗                              |   |   | >>* |                    | Qp=4.5 tsf |
|                  | 15           |             |             | 7          | 10                |                             | Medium dense, brown silty SAND, trace gravel  |                | 6-6-8<br>N=14        | 11          | ⊗                              |   |   |     |                    |            |
|                  | 20           |             |             | 8          | 8                 |                             | Medium dense, brown gravelly SAND, trace fines  | SM             | 8-12-14<br>N=26      | 12          | ⊗                              |   |   |     |                    |            |
|                  | 25           |             |             | 9          | 18                |                             | Hard, brown and gray silty CLAY, with sand and gravel<br>End of boring at approximately 30 feet below existing grade. | SW<br>CL       | 11-24-7<br>N=31      | 21          | ⊗                              |   |   |     |                    |            |

|   |                 |                 |  |
|---|-----------------|-----------------|--|
| Completion Depth: 30.0 ft                     | Sample Types:   | ▢ Pressuremeter | Latitude: 41.6310627                     |
| Date Boring Started: 3/10/23                  | ▣ Auger Cutting | ▣ Shelby Tube   | Longitude: -88.6798060                   |
| Date Boring Completed: 3/10/23                | ⊗ Split-Spoon   | ⊗ Grab Sample   | Drill Rig: Geoprobe 7822DT               |
| Logged By: P.P.                               | ▣ Rock Core     | ○ No Recovery   | Remarks: Hole collapse at ~22 feet after |
| Drilling Contractor: Rubino Engineering, Inc. |                 |                 | Log Entry: J. Ignarski                   |
|   |                 |                 | Checked By: H. Gregorich                 |

The stratification lines represent approximate boundaries. The transition may be gradual.  
\*\*\*Please reference the geotechnical report text for specific groundwater / dewatering recommendations.