



Office of General Services

DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 1 TO PROJECT NO. Q2018

CONSTRUCTION WORK
REPAVE WENDOVER ROAD
CAMP SMITH TRAINING SITE
11 BEAR MOUNTAIN BRIDGE RD
CORTLANDT MANOR, NY

July 1, 2025

<p>NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.</p>
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SPECIFICATIONS

1. SECTION 003132 GEOTECHNICAL DATA: Add the accompanying document (page 003132-1) to the Project Manual.

APPENDIX

2. Rock Depth Investigation Memo prepared by KC Engineering and Land Surveying, P.C. dated June 26, 2025: Add the Attached Document (pages 1 thru 20) to the Project Manual.

END OF ADDENDUM

Brady M. Sherlock, P.E.
Director, Division of Design
Design & Construction

DOCUMENT 003132

GEOTECHNICAL DATA

The subsurface logs included in this Document were made on the dates indicated on the individual logs.

The observed water levels and/or conditions noted on the subsurface logs are as recorded at the time of exploration. These water levels and/or conditions may vary considerably with time, according to the prevailing climate, rainfall, or other factors and are otherwise dependent on the duration of and method used in the explorations program.

Sound engineering judgment was exercised in preparing the subsurface logs. This information was prepared and is intended for State design and estimate purposes only. Its presentation is for the purpose of providing intended users with access to the same information available to the State. These subsurface logs are presented in good faith and are not intended as a substitute for personal investigation, independent interpretations, or judgment of the bidders.



June 26, 2025

Jenny M. Lippmann, P.E.
Associate / Municipal Group Engineer
MJ Engineering and Land Surveying, P.C.
21 Corporate Drive
Clifton Park, NY 12065

RE: NYSOGS Q2018 Repave Wendover Road (Camp Smith), Cortlandt, NY

Dear Ms. Lippmann:

In accordance with our proposal dated May 15th, 2025, KC Engineering and Land Surveying, P.C. (KCE) conducted augering at different locations along an existing roadway at the above referenced project site on June 13th, 2025. The purpose of augering was to determine the depth of the rock along the roadway as part of pavement design and analysis.

The augering was conducted at a total of 15 locations. The auger locations were selected and staked out by KCE during the site visit on April 17th, 2025. The locations were selected based on the site conditions. See **Appendix A** for the location plan.

The augering was conducted using a truck mounted Geoprobe D25 drill rig, advancing a 3 1/4-inch flight hollow auger to a maximum depth of 10 ft. or refusal. No soil sampling and standard penetration testing were performed for this investigation. The depth of rock from the existing grade varied from 1.0 ft to 6.0 ft. Rock was not encountered within 10 ft at Auger Location A15. Table 1 summarizes the depth of rock from the existing grade.

Based on our visual observation, the existing soils above the rock surface consisted of predominantly Clayey soils. Sandy soils were encountered at locations A1, A2, A6, A7, A9, and A11. Presence of clayey subgrade soils shall be considered in developing design of pavement structure. Groundwater was observed at a depth of 6.5 ft. at location A15 only at the time of auguring. See **Appendix B** for Auger logs.



Table 1: Depth of Rock from existing grade

Auger Location	Depth of Rock (ft)	Auger Location	Depth of Rock (ft)
A1	6.0	A9	1.5
A2	2.0	A10	2.0
A3	4.5	A11	1.5
A4	2.0	A12	2.9
A5	1.5	A13	5.0
A6	1.5	A14	5.0
A7	3.2	A15	Not Encountered
A8	1.0		

Should you have any questions or concerns, please contact me directly via telephone at (646) 975-5289 or email at rkasturi@kcepc.com.

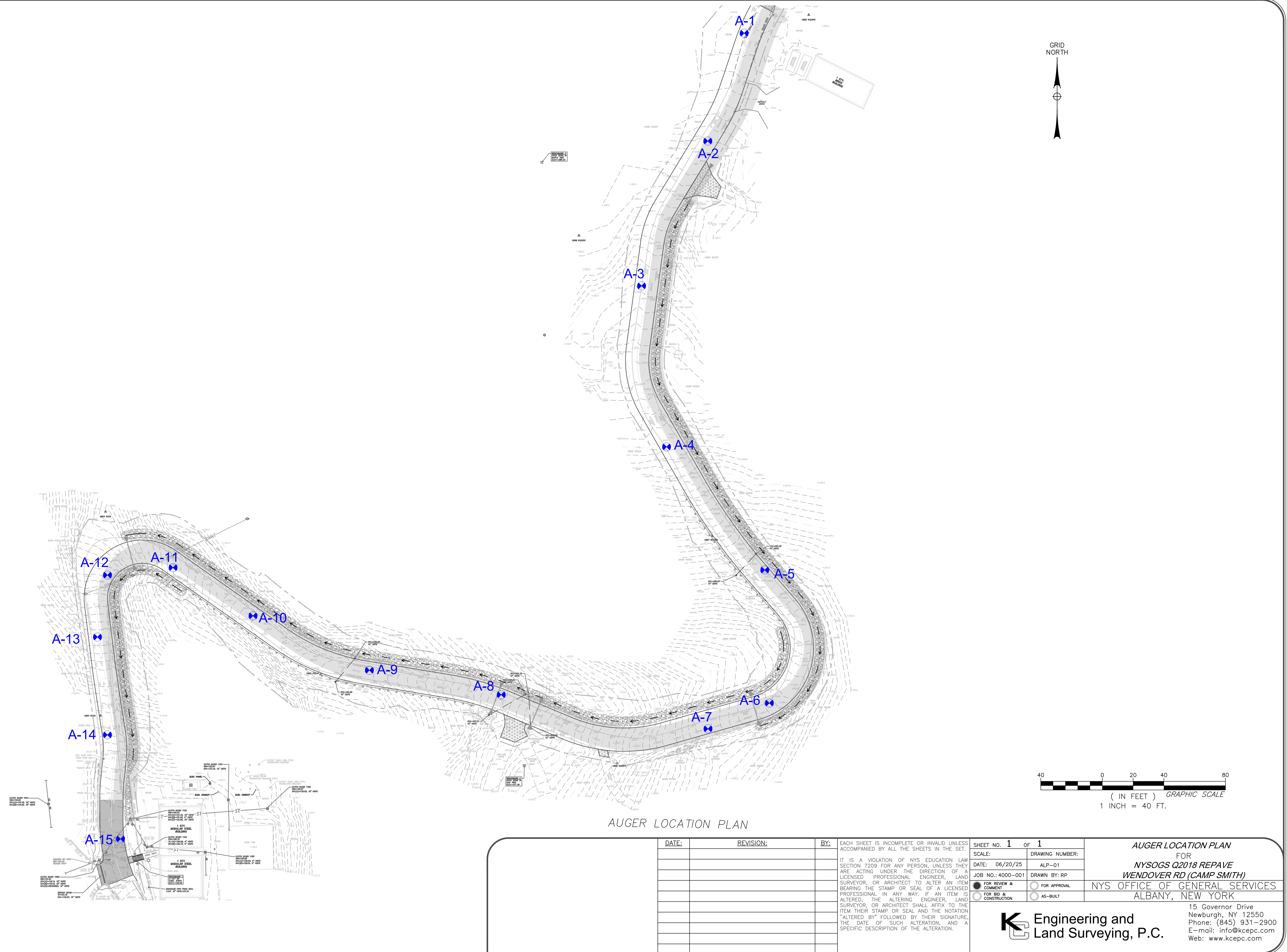
Sincerely,

Ram Kasturi, P.E.

Principal / Lead Geotechnical Engineer
(646) 975-5289
rkasturi@kcepc.com

Appendix A

Auger Location Plan



Appendix B

Auger Logs

AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A1

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Brown Medium Dense Silty SAND, Gravelly (Moist, Nonplastic)	
2		
3		
4		
5		
6		
6	ROCK at 6 FT	
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A2

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Dark Brown Loose Silty SAND, Gravelly (Moist, Nonplastic)	
2	ROCK at 2 FT	
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A3

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Dark Brown Soft Lean CLAY, Sandy (Moist, Plastic)	
2		
3		
4		
5		
	ROCK at 4.5 FT	
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A4

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Dark Brown Stiff Lean CLAY, Sandy (Moist, Plastic)	
2		
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A5

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	ASPHALT, Subgrade	
2	ROCK at 1.5 FT	
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A6

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	ASPHALT, Subgrade, Dark Brown Silty SAND (Moist, Nonplastic)	
2	ROCK at 1.5 FT	
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A7

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	ASPHALT, Subgrade, Brown Silty SAND, Gravelly (Moist, Nonplastic)	
2		
3		
4		
5		
6	ROCK at 3.2 FT	
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



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AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A8

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Dark Brown Soft Lean CLAY, Sandy, Gravelly (Moist, Plastic) ROCK at 1 FT	
2		
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A9

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Dark Brown Loose Silty SAND, Clayey, Gravelly (Moist, Lowplastic)	
2	ROCK at 1.5 FT	
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A10

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	ASPHALT, Brown Gray Soft Lean CLAY, Silty (Moist, Plastic)	
2		
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A11

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	ASPHALT, Brown Medium Dense Silty SAND, Gravelly (Moist, Nonplastic)	
2	ROCK at 1.5 FT	
3		
4		
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.

AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A12

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Brown Stiff Lean CLAY, Sandy, Gravelly (Moist, Plastic)	
2		
3		
4	ROCK at 2.9 FT	
5		
6		
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A13

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Brown Stiff Lean CLAY, Sandy, Gravelly (Moist, Plastic)	
2		
3		
4		
5		
6	ROCK at 5 FT	
7		
8		
9		
10		

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.

AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A14

DEPTH (FT)	SOIL DESCRIPTION	REMARKS	
0			
1	ASPHALT, Brown Medium Lean CLAY, Sandy (Moist, Plastic)		
2			
3			
4			
5			
6	ROCK at 5 FT		
7			
8			
9			
10			

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.



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AUGER LOG

Project: Q2018 Repave Wendover Road
Location: Camp Smith, Cortlandt, NY
Date: 6/13/2025

Auger Location: A15

DEPTH (FT)	SOIL DESCRIPTION	REMARKS
0		
1	Brown Soft Lean CLAY, Gravelly (Moist, Plastic)	Rock not encountered.
2		
3		
4		
5		
6	Brown Medium Stiff Lean CLAY, Sandy (Wet, Plastic)	Groundwater encountered at 6.5 FT.
7		
8		
9		
10		
	Boring terminated at 10 FT.	

Notes:

1. The soil description is based on the auger cuttings. No sample was collected.