



Office of General Services

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

ADDENDUM NO. 1 TO PROJECT NO. 46112

CONSTRUCTION WORK REPAIR AND REPLACE FLOODWALL PANELS BINGHAMTON NE & SE SYSTEMS BINGHAMTON, NY

January 13, 2024

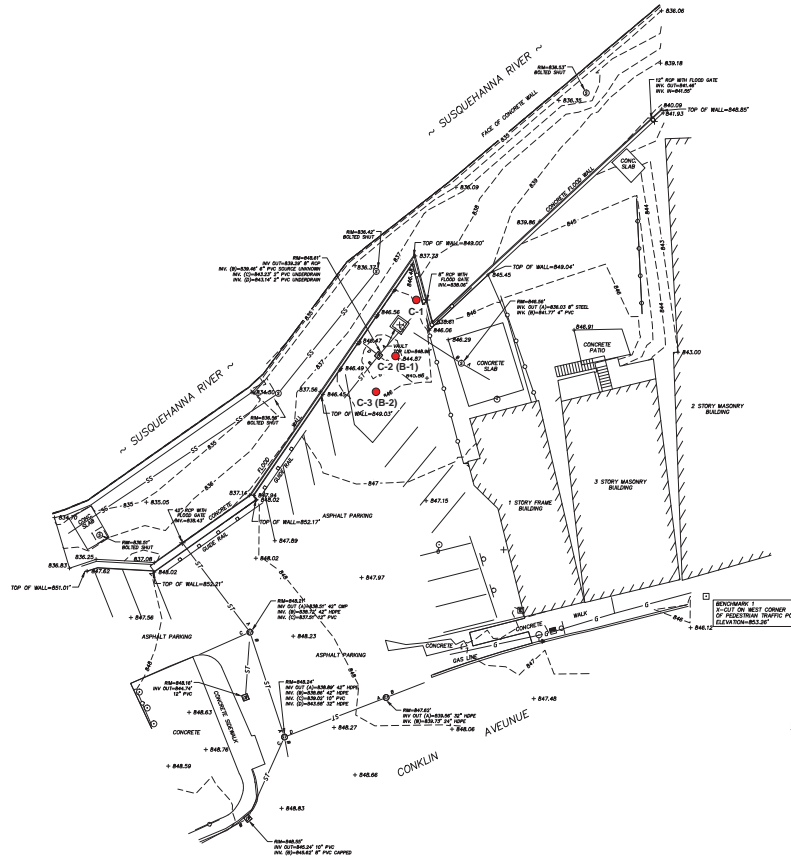
NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

SPECIFICATIONS

1. DOCUMENT 003132 GEOTECHNICAL DATA: Append the attached Boring Logs to Document 003132.

END OF ADDENDUM

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



TRUE NORTH AT THE TOP OF
SECTION OF WEST LONGITUDE

LEGEND	
	CATCH BASIN SQUARE
	CATCH BASIN ROUND
	STORM MANHOLE
	SANITARY MANHOLE
	SEWER CLEANOUT
	ELECTRIC MANHOLE
	ELECTRIC METER
	LIGHT POLE
	BENCHMARK
	DECIDUOUS TREE
	SIGN
	TRAFFIC SIGNAL POLE
	TRAFFIC SIGNAL JUNCTION
	STORM SEWER LINE
	SANITARY SEWER LINE
	GAS LINE
	CHAINLINK FENCE

GENERAL NOTES:
 1. CONTOUR INTERVAL = 1 FOOT
 2. INFORMATION SHOWN HEREON IS FROM A FIELD SURVEY CONDUCTED BY MJ ENGINEERING AND LAND SURVEYING, PC MARCH 15, 2016.
 3. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE IN LOCATION AND SUBJECT TO FIELD VERIFICATION.

CONTROL SUMMARY BINGHAMTON FLOOD WALLS

THE HORIZONTAL DATUM IS THE NORTH AMERICAN DATUM OF 1983, (2011) ADJUSTMENT: NAD 83 / (2011), NEW YORK STATE PLANE CENTRAL ZONE 3102.

THE PUBLISHED HORIZONTAL COORDINATES FOR THE NATIONAL GEODETIC SURVEY (NGS) MONUMENTS USED TO ESTABLISH CONTROL ARE:

PID	STATION NAME	NORTHING	EASTING
DI0442	NYBH	769552.5079	1025315.3734
DK7410	NYWV	733173.7557	836991.2374

THE VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

THE PUBLISHED ELEVATIONS FOR THE NATIONAL GEODETIC SURVEY (NGS) MONUMENTS USED TO ESTABLISH CONTROL ARE:

PID	STATION NAME	ELEVATION	ORDER
DI0448	NYGL	1192.94'	SECOND CLASS II
DI0460	NYHC	954.75'	SECOND CLASS II

LEGEND:
 C-#: Approximate Core/Boring Location

File Name: G:\M1202\01-Binghamton Flood Wall Survey\CADD FILES WITH TITLE BLOCK\MJ0201.XBURY PANEL 702.dwg (Layout Layer) Date: 14-Mar-2016 09:24:16 2016 (Name: jpm)

SUBMITTAL / REVISIONS											ATL ENGINEERING, P.C. TOPOGRAPHIC SURVEY OF BINGHAMTON FLOOD WALL PANEL 702 CONKLIN STREET BINGHAMTON NEW YORK		SCALE: 1"=20' CONTRACT NO.: MJ PROJ. No.: 1020.01 DATE: MARCH 24, 2016 1 OF 1	
No.	DATE	DESCRIPTION	BY	REVIEWED BY:	DATE	PROJ. MANAGER:	DN	THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL (I.E) ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS "K" MISDEMEANOR.				 Engineering and Land Surveying, P.C. 1533 Crescent Road - Clifton Park, NY 12065		
						CHEF DESIGNER:								
						DESIGNED BY:	JLC							
						CHECKED BY:	DN							
						DATE	DATE							

ATLANTIC TESTING LABORATORIES, Limited

Subsurface Investigation

Client: ATL Engineering, PC
 Project: Subsurface Investigation
Flood Control Project (NYSOGS PN 45281)
Binghamton, Broome County, New York

Report No.: CD4028E-01-03-16
 Boring Location: See Boring Location Plan
Conklin Avenue
(Panel 702)
 Start Date: 3/23/2016 Finish Date: 3/23/2016

Boring No.: C-1 Sheet 1 of 1
 Coordinates _____ Sampler Hammer _____
 Latitude _____ Weight: _____ lbs.
 Longitude _____ Fall: _____ in.
 Hammer Type: _____
 Ground Elev.: _____ Boring Advance By: _____
Core Drill, 3" Split Spoon

Groundwater Observations			
Date	Time	Depth	Casing
<u>3/23/2016</u>	<u>AM</u>	<u>DRY</u>	<u>OPEN</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

ATL-LOG1 LL CD4028 ATL ENGINEERING, PC-BINGHAMTON, NEW YORK.GPJ ATL4-08.GDT 6/3/16

DEPTH	METHOD OF ADVANCE	SAMPLE NO.	DEPTH OF SAMPLE		SAMPLE TYPE	BLOWS ON SAMPLER PER 6" 2" O.D. SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL	Recovery (Inches)	
			From	To						
1	S	1	0.0	0.3	SS		0.3	2 3/4" Asphalt Pavement (5/8" Top Course, 2 1/8" Binder Course)	3	
	T	2	0.3	0.9	SS		0.9		8" Brownish-Grey crushed c GRAVEL (moist, non-plastic)	11
2	L	3	0.9	1.8	SS		1.8			
3	T							Brown cmf SAND; and cmf GRAVEL; little SILT (moist, non-plastic) Boring terminated at 1.8 feet. Notes: 1. Non-woven Geotextile fabric encountered at approximately 0.9 feet. 2. Corehole backfilled with on-site soils and the surface was patched with asphalt cold patch.		
4	S									
5	O									
6	C									
7	N									
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

SS Split Spoon Sample
 NX Rock Core
 SH Undisturbed Sample (Shelby Tube)
 Estimated Groundwater

Drillers: Matthew Trodler, Jeremy Zenowicz
 Inspector: _____

ATLANTIC TESTING LABORATORIES, Limited

Subsurface Investigation

Client: ATL Engineering, PC
 Project: Subsurface Investigation
Flood Control Project (NYSOGS PN 45281)
Binghamton, Broome County, New York

Report No.: CD4028E-01-03-16
 Boring Location: See Boring Location Plan
Conklin Avenue
(Panel 702)
 Start Date: 3/23/2016 Finish Date: 3/23/2016

Boring No.: C-2 (B-1) Sheet 1 of 2
 Coordinates _____ Sampler Hammer
 Latitude _____ Weight: 140 lbs.
 Longitude _____ Fall: 30 in.
 Hammer Type: Automatic
 Ground Elev.: _____ Boring Advance By: 3 1/4" Auger

Date	Time	Depth	Casing
<u>3/23/2016</u>	<u>9:32 AM</u>	<u>DRY</u>	<u>4.0'</u>
<u>3/23/2016</u>	<u>10:05 AM</u>	<u>10.0'</u>	<u>10.0'</u>
<u>3/23/2016</u>	<u>11:33 AM</u>	<u>10.0'</u>	<u>20.0'</u>
<u>3/23/2016</u>	<u>1:30 PM</u>	<u>8.4*</u>	<u>CAVED</u>
<u>3/23/2016</u>	<u>2:00 PM</u>	<u>8.4*</u>	<u>CAVED</u>

*Borehole caved at 15.0 feet.

ATL-LOG1 LL CD4028 ATL ENGINEERING, PC-BINGHAMTON, NEW YORK.GPJ ATL4-08.GDT 6/3/16

DEPTH	METHOD OF ADVANCE	SAMPLE NO.	DEPTH OF SAMPLE		SAMPLE TYPE	BLOWS ON SAMPLER PER 6" 2" O.D. SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL	Recovery (Inches)
			From	To					
1	A RIT GC	1	0.0	2.0	SS	10 18 8	0.3 1.0	3" Asphalt Pavement (3/4" Top Course, 2 1/4" Binder Course)	12
2		2	2.0	4.0	SS	9 10 12 16		Brownish-Grey crushed c GRAVEL subbase	10
3								Brown cmf SAND; and cmf GRAVEL; little SILT (moist, non-plastic)	
4		3	4.0	6.0	SS	10 9 7 6		Brown cmf SAND; and cmf GRAVEL; trace SILT (moist, non-plastic)	12
5							6.0	Brown Similar Soils (moist, non-plastic)	
6		4	6.0	8.0	SS	4 3 2 2		Grey SILT; some CLAY; some mf SAND; little mf GRAVEL (wet, slightly plastic) Petroleum-type odor	4
7									
8		5	8.0	10.0	SS	3 1 2 2		Grey Similar Soils; some mf GRAVEL (wet, slightly plastic) Petroleum-type odor	2
9							10.0		
10		6	10.0	12.0	SS	2 2 3 2		Grey mf SAND; and SILT; little mf GRAVEL; trace CLAY (saturated, very slightly plastic) Petroleum-type odor	1
11									
12		7	12.0	14.0	SS	3 3 3 2		Grey Similar Soils; some cmf GRAVEL (saturated, non-plastic) Petroleum-type odor	2
13							14.0		
14		8	14.0	16.0	SS	1 1 2 1		Grey cmf SAND; and mf GRAVEL; little SILT (saturated, non-plastic) Petroleum-type odor	4
15									
16							18.0		
17									
18									
19									
20									
21		9	20.0	22.0	SS	2 2 3 11		Grey cmf SAND; some SILT; little mf GRAVEL; trace CLAY (saturated, very slightly plastic) Petroleum-type odor	5
22									
23							23.5		
24									
25									

SS Split Spoon Sample
 NX Rock Core
 SH Undisturbed Sample (Shelby Tube)
 Estimated Groundwater

Drillers: Tyler Weston, Tristin Pettit
 Inspector: _____

ATLANTIC TESTING LABORATORIES, Limited

Subsurface Investigation

Boring No.: C-2 (B-1)

Report No.: CD4028E-01-03-16

Sheet 2 of 2

DEPTH	METHOD OF ADVANCE	SAMPLE NO.	DEPTH OF SAMPLE		SAMPLE TYPE	BLOWS ON SAMPLER PER 6" 2" O.D. SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL	RECOVERY (inches)
			From	To					
26		10	25.0	27.0	SS	10 14 19 21		Grey cmf SAND; and cmf GRAVEL; some SILT; trace CLAY (wet, non-plastic) Slight Petroleum-type odor	20
27									
28									
29									
30		11	30.0	32.0	SS	23 22 40 24	32.0	Grey Similar Soils (saturated, non-plastic)	12
31									
32							Boring terminated at 32.0 feet. Notes: 1. Non-woven Geotextile fabric encountered at approximately 1 foot. 2. Borehole backfilled with cement-bentonite grout and the surface was patched with asphalt cold patch.		
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									

ATL-LOG1 LL CD4028 ATL ENGINEERING, PC-BINGHAMTON, NEW YORK.GPJ ATL4-08.GDT 6/3/16

ATLANTIC TESTING LABORATORIES, Limited

Subsurface Investigation

Client: ATL Engineering, PC
 Project: Subsurface Investigation
Flood Control Project (NYSOGS PN 45281)
Binghamton, Broome County, New York

Report No.: CD4028E-01-03-16
 Boring Location: See Boring Location Plan
Conklin Avenue
(Panel 702)
 Start Date: 3/23/2016 Finish Date: 3/23/2016

Boring No.: C-3 (B-2) Sheet 1 of 2
 Coordinates _____ Sampler Hammer
 Latitude _____ Weight: 140 lbs.
 Longitude _____ Fall: 30 in.
 Hammer Type: Automatic
 Ground Elev.: _____ Boring Advance By: _____
3 1/4" Auger

Groundwater Observations			
Date	Time	Depth	Casing
<u>3/23/2016</u>	<u>1:00 PM</u>	<u>DRY</u>	<u>8.0'</u>
<u>3/23/2016</u>	<u>2:00 PM</u>	<u>12.0'</u>	<u>10.0'</u>
<u>3/23/2016</u>	<u>2:30 PM</u>	<u>15.0'</u>	<u>18.0'</u>
<u>3/23/2016</u>	<u>3:10 PM</u>	<u>16.0'</u>	<u>24.0'</u>
<u>3/23/2016</u>	<u>4:00 PM</u>	<u>16.0'</u>	<u>24.0'</u>

ATL-LOG1 LL CD4028 ATL ENGINEERING, PC-BINGHAMTON, NEW YORK.GPJ ATL4-08.GDT 6/3/16

DEPTH	METHOD OF ADVANCE	SAMPLE NO.	DEPTH OF SAMPLE		SAMPLE TYPE	BLOWS ON SAMPLER PER 6" 2" O.D. SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL	Recovery (Inches)
			From	To					
1	RITGC	1	0.0	2.0	SS	12 8 6	0.3 0.8	3 5/8" Asphalt Pavement (1 1/4" Top Course, 2 1/8" Binder Course)	8
2		2	2.0	4.0	SS	8 12 17 13	6.0	Brownish-Grey crushed c GRAVEL subbase (moist, non-plastic)	8
3		3	4.0	6.0	SS	9 11 10 4		Brown cmf SAND; and cmf GRAVEL; trace SILT (moist, non-plastic)	8
4		4	6.0	8.0	SS	10 9 6 7	8.0	Brown Similar Soils; little SILT (moist, non-plastic)	10
5		5	8.0	10.0	SS	5 6 5 4		Brown Similar Soils (moist, non-plastic)	
6		6	10.0	12.0	SS	1 2 3 3	10.0	Brown Mottled SILT; and cmf SAND; some cmf GRAVEL; trace CLAY (wet, very slightly plastic)	10
7		7	12.0	14.0	SS	1 4 7 2		Brown cmf SAND; some SILT; some cmf GRAVEL; trace CLAY (wet, non-plastic) Slight Petroleum-type odor	
8		8	14.0	16.0	SS	1 1 1 3	18.0	Grey cmf SAND; and SILT; little f GRAVEL; trace CLAY (wet, very slightly plastic) Petroleum-type odor	8
9		9	16.0	18.0	SS	2 2 2 2		Grey Similar Soils; some cmf GRAVEL (saturated, very slightly plastic) Petroleum-type odor	
10		10	18.0	20.0	SS	1 1 2 2	23.0	Grey Similar Soils; possible paint/plaster/mortar fragments; trace ORGANIC MATERIAL (root hairs) (saturated, very slightly plastic) Petroleum-type odor	4
11		11	20.0	22.0	SS	1 1 2 2		Grey Similar Soils; possible paint/plaster fragments; trace ORGANIC MATERIAL (root hairs) (wet, very slightly plastic) Slight Petroleum-type odor	
12		12	22.0	24.0	SS	7 7 12 13	24.9	Grey Similar Soils (saturated, non-plastic)	1
13		13	24.0	24.9	SS	24 50/5"		Grey cmf GRAVEL; and cmf SAND; some SILT; trace CLAY (wet, non-plastic) ROCK Fragments	
14		14						Grey cmf SAND; some cmf GRAVEL; some SILT; trace CLAY	9

SS Split Spoon Sample
 NX Rock Core
 SH Undisturbed Sample (Shelby Tube)
 Estimated Groundwater

Drillers: Tyler Weston, Tristin Pettit
 Inspector: _____

ATLANTIC TESTING LABORATORIES, Limited

Subsurface Investigation

Boring No.: C-3 (B-2)

Report No.: CD4028E-01-03-16

Sheet 2 of 2

DEPTH	METHOD OF ADVANCE	SAMPLE NO.	DEPTH OF SAMPLE		SAMPLE TYPE	BLOWS ON SAMPLER PER 6" 2" O.D. SAMPLER	DEPTH OF CHANGE	CLASSIFICATION OF MATERIAL	RECOVERY (inches)
			From	To					
26								(wet, very slightly plastic) Possible WEATHERED ROCK Fragments in shoe Boring terminated at 24.8 feet.	
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
61									
62									

ATL-LOG1 LL CD4028 ATL ENGINEERING, PC-BINGHAMTON, NEW YORK.GPJ ATL4-08.GDT 6/3/16