BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Morris Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-1
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	HS				13" CLAY TOPSOIL, Black (OL)			
2.5	1	SS	63		LEAN CLAY with Sand, Brownish Gray, Very Stiff (CL)			CA Standard Proctor Test
	HS							
5.0	2	SS	63		LEAN CLAY, Gray, Trace Sand, Stiff to Very Stiff (CL)			CA, Standard Proctor Test
7.5	3	SS	73					
10.0					End of Boring @ 8.0 Feet			
12.5								

Notes: 1. Upper 9" of soils were frozen at the time the soil boring was drilled and sampled.
2. Two bucket samples were obtained from the depths of 1'-4' and 4'-8' from auger cuttings by auger drilling adjacent to the boring B-1. Atterberg Limit Tests and Combined Mechanical Analysis tests were performed on bucket samples.
CA = Combined Mechanical Analysis

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Morris Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-2
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	HS				FILL: CLAY TOPSOIL, Black (OH)			
	1A							
	1B	SS	67		ORGANIC CLAY, Dark Brown and Gray, Trace Sand and Gravel, Medium, Wet (OL)			O.C. = 16.03%
2.5	1C				LEAN CLAY with Sand, Brownish Gray, Trace Gravel, Stiff, Moist (CL)			
	HS				LEAN CLAY, Gray, Trace Sand and Gravel, Stiff, Moist (CL)			
5.0	2	SS	71					
7.5	3	SS	92					
10.0					End of Boring @ 8.0 Feet			
12.5								

Note: Upper 9" of soils were frozen at the time the soil boring was drilled and sampled.

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Morris Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-3
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	HS				12" CLAY TOPSOIL, Black and Dark Brown (OL)			
	1A	SS	58		LEAN CLAY with Sand, Brownish Gray, Trace Gravel, Hard, Moist (CL)			
2.5	1B				LEAN CLAY, Gray, Trace Sand and Gravel, Very Stiff to Stiff, Moist (CL)			
	HS							
5.0	2	SS	50					
7.5	3	SS	88					
10.0					End of Boring @ 8.0 Feet			
12.5								

Note: Upper 9" of soils were frozen at the time the soil boring was drilled and sampled.

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Finley Road Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-4
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	1A	SS	63		18" CLAY TOPSOIL, Black and Dark Brown (OL)			
	1B				LEAN CLAY with Sand, Brown and Gray, Trace Gravel, Stiff to Hard, Moist (CL)			
2.5	2	SS	58					CA Standard Proctor Test
5.0	3	SS	75					
7.5								
10.0					End of Boring @ 6.0 Feet			
12.5								

Note: 1. Upper 15" of soils were frozen at the time the soil boring was drilled and sampled.
CA = Combined Mechanical Analysis
2. One bucket sample was obtained from the depth of 1.5'-6' from auger cuttings by auger drilling adjacent to the boring B-1. Atterberg Limit Tests and Combined Mechanical Analysis tests were performed on bucket sample.

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Finley Road Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-5
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	1	SS	54		24" FILL: CLAY SILT TOPSOIL, Black, Some Sand and Little Gravel, Moist (OL)			
2.5	2A	SS	63		12" CLAY TOPSOIL, Black and Dark Brown, Very Stiff, Moist (OL)			O.C. = 2.61%
	2B				LEAN CLAY with Sand, Brown and Gray, Very Stiff, Moist (CL)			
5.0	3	SS	58		LEAN CLAY with Sand, Brown, Gray and Dark Gray, Trace Gravel, Stiff, Moist (CL)			
7.5								
10.0					End of Boring @ 6.0 Feet			
12.5								

Note: Upper 15" of soils were frozen at the time the soil boring was drilled and sampled.

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

BORING LOG

CLIENT: Village of Lombard
ARCHITECT:
PROJECT: Proposed GWT Bridges Borrow Material Sources, Finley Road Pond Site
LOCATION: Lombard, Illinois

BORING NUMBER: B-6
APPROX. SURFACE ELEVATION (C.C.D.): +
NORTH: EAST:

DEPTH ELEVATION	SAMPLE NO.	SAMPLER TYPE	SAMPLE REC. (%)	SOIL GRAPHIC LOG	DESCRIPTION OF MATERIALS (LABORATORY CLASSIFICATION)	UNIT DRY WT. LBS./FT.³	Unconfined Compressive Strength, Tons/Ft.² (PL ▲ MC × LL ▲; STD "N" PENETRATION BLOWS PER FT. 10 20 30 40 50)	REMARKS
	1A	SS	50		FILL: SAND & GRAVEL, Brown and Gray			
	1B				FILL: CLAY TOPSOIL, Black and Dark Brown, Very Stiff, Moist to Wet (OL)			
2.5	2	SS	50					O.C. = 6.85 %
5.0	3	SS	25		LEAN CLAY with Sand, Brown and Gray, Stiff, Moist (CL)			
7.5					End of Boring @ 6.0 Feet			
10.0								
12.5								

Note: Upper 15" of soils were frozen at the time the soil boring was drilled and sampled.

Calibrated Penetrometer Unconfined Compression

Water Level Observations		SEECO Consultants, Inc. 7350 Duvan Drive, Tinley Park, IL 60477	Boring Started 1/27/11	
Dry WS/WD	Dry ACR		Boring Completed 1/27/11	
			Driller DM	Rig BK-51
		Approved By JD	Job No. 9957G	Drawn By AR	Sheet 1 of 1

FILE NAME = W:\756-004_Lombard - GWT Bridges Phase II\CADD Sheets\01756004-sht-soil_borings.dgn

Bollinger, Lach & Associates, Inc.
ITASCA, ILLINOIS

USER NAME = daly	DESIGNED - BD	REVISED -
	DRAWN - DC	REVISED -
PLOT SCALE = 50.0000 ' / IN.	CHECKED - BD	REVISED -
PLOT DATE = 7/22/2011	DATE -	REVISED -

STATE OF ILLINOIS
GREAT WESTERN TRAIL

SOIL BORINGS FOR APPROVED BORROW AREAS

SCALE: NONE | SHEET NO. | SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00151-00-BR	DuPAGE	201	34
		CONTRACT NO. 63568		
		ILLINOIS FED. AID PROJECT		