CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	412
STA. 780+44.91		TO STA. 918+85.88		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 8/18/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71- Oswego: Noise Wall C LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. NW20
Station 388 + 58.66
Offset 40.00ft Rt.
Ground Surface Elev. 641.23 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 633.7 ft ▼
Upon Completion 634.7 ft ▽
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown black, Silty Clay Loam- fill				Auger Refusal @ 19' End of Boring			
638.73							
Stiff, black brown, Silty Clay Loam- fill	3						
	3 4	2.0 P	24.5				
636.73							
Soft to medium, gray, Silty Clay Loam to Silty Loam	-5				-25		
	1						
	1 2	0.5 P	30.3				
633.73 ▼ ▽							
Medium, gray, slightly loamy, fine, Sand to coarse, Gravel	5						
	7 12		12.2				
Free Water @ 7.5'	-10				-30		
	7						
	12 12		14.9				
	9						
	8 8		10.7				
	-15				-35		
	8						
	8 9		13.3				
624.73							
Hard, gray, Limestone and Chert fragments (Gravel) in Loam matrix	18						
	21 100/4"	>4.5 P	13.4				
622.23							
Hard, gray, Limestone	-20				-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 8/18/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71- Oswego: Noise Wall C LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. NW21
Station 870 + 13.63
Offset 37.13ft Rt.
Ground Surface Elev. 642.89 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 635.4 ft ▼
Upon Completion 635.9 ft ▽
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown black, Silty Clay Loam- fill				Auger refusal at 19' End of Boring			
640.39							
Very stiff, dark brown black, Silty Clay Loam- fill	4						
	3 4	3.0 P	22.9				
638.39							
Soft, brown gray, Silty Clay to Silty Clay Loam	-5				-25		
	2						
	1 2	0.5 P	39.9				
635.39 ▼ ▽							
Medium, gray, loamy, fine, Sand to coarse, Gravel, layers of Sandy Loam and Sand at 13'	4						
	5 7		13.6				
Free Water @ 7.5'	-10				-30		
	5						
	9 12		10.8				
	8						
	9 12		12.9				
627.89	-15				-35		
Hard, gray, Limestone and Chert fragments (Gravel) in Loam matrix	12						
	12 14		8.7				
	22						
	24 41		8.9				
623.89							
Gray, Limestone	-20				-40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 8/18/07

ROUTE FAP 311 (IL 71) DESCRIPTION IL 71- Oswego: Noise Wall C LOGGED BY Larry Myers

SECTION (1-1)R LOCATION NW 1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. _____
Station _____

BORING NO. NW22
Station 871 + 76.15
Offset 37.33ft Rt.
Ground Surface Elev. 645.20 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 637.7 ft ▼
Upon Completion 637.7 ft ▽
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown black, Silty Clay Loam- fill			
642.70			
Very stiff, brown black, Silty Clay Loam to Silty Clay- fill	4		
	4 4	3.0 P	32.4
640.70			
Very stiff, brown gray, Clay Loam to Loam Till	-5		
	3		
	4 5	2.5 P	14.9
637.70 ▼ ▽			
Medium, brown to gray, loamy, fine, Sand to coarse, Gravel	5		
	7 12		14.6
Free Water @ 7.5'			
635.20	-10		
Loose, brown, slightly loamy, fine to coarse, Sand	5		
	3 4		19.8
632.70			
Hard, gray, Limestone and Chert fragments (Gravel) in Loam matrix	5		
	7 6	>4.5 P	10.1
	-15		
	5		
	14 19	>4.5 P	10.7
	8		
	18 100/2"		8.7
626.20			
Limestone Auger refusal @ 19'	-20		

End of Boring
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T205)
BBS, from 137 (Rev. 8-99)

PLOT DATE = 7/9/2012
FILE NAME = F:\BMS-1156 IL 71 Oswego\LCADD\Cbe\bm3158.BHlog7.dgn
PLOT SCALE =
USER NAME = bdaw

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Infrastructure Innovation and Ingenuity
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Phone: (312) 876-1593 Fax: (312) 876-9050

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORE LOG
NOISE WALLS

SCALE: VERT.
HORIZ.
DATE 07/06/2012

DRAWN BY WJ/KD
CHECKED BY DJB