CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	407
STA. 760+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 8/15/07

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

SECTION (1-1)R LOCATION NE 1/4, SEC. 19, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW14
Station 844+52.85
Offset 30.82ft Lt.
Ground Surface Elev. 665.03 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Silty Clay Loam- fill			
662.03			
Very stiff, brown, Silty Clay Loam- fill	6		
	4	2.5	17.2
	2	P	
-5	2		
	3	2.5	27.5
	4	P	
658.53			
Medium to dense, brown, loamy to very loamy, fine, Sand to coarse, Gravel with Cobbles and Boulders	13		
	15		5.5
	15		
-10	20		
	20		4.3
	18		
	18		
	21		3.5
	19		
-15	7		
	8		4.0
	10		
-20	9		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	10		9.0
	11		
644.03			
End of Boring			
-25			
-30			
-35			
-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. 8-98)

Illinois Department of Transportation
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SOIL BORING LOG

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Date 8/14/07

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

SECTION (1-1)R LOCATION NE 1/4, SEC. 19, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW2
Station 845+30.43
Offset 42.69ft Rt.
Ground Surface Elev. 664.24 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, brown, Silty Clay Loam to Silty Clay- fill			
652.24			
Hard, brown, Silty Clay Loam with Gravel pieces - fill with some stiff layers	14		
	10	4.5	12.1
	10	P	
-5	6		
	6	4.0	15.6
	5	P	
	2		
	2	4.0	19.7
	2	P	
655.24			
Medium, brown, loamy to very loamy, fine, Sand to coarse, Gravel- with potential Cobbles/Boulders	5		
-10	10		3.8
	12		
	6		
	10		5.8
	11		
-15	12		
	10		5.2
	8		
-20	8		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	10		4.8
	10		
643.24			
End of Boring			
-25			
-30			
-35			
-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. 8-98)

Illinois Department of Transportation
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SOIL BORING LOG

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Date 8/14/07

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

SECTION (1-1)R LOCATION NE 1/4, SEC. 19, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW3
Station 846+84.45
Offset 44.78ft Rt.
Ground Surface Elev. 663.45 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Augered, hard, brown, Silty Clay to Silty Clay Loam- topsoil fill			
651.45			
Very stiff, dark, brown, Silty Clay Loam with Gravel pieces- fill	6		
	5	2.5	16.6
	4	P	
649.45			
Stiff, dark brown, Silty Clay Loam to Silty Clay to Silty Loam- fill	2		
-5	1	1.5	18.7
	2	P	
	1		
	1	1.3	22.5
	2	P	
-10	1		
	2	1.5	21.7
	2	P	
651.95	10		
Medium, brown, loamy to very loamy, fine, Sand to coarse, Gravel with potential Cobbles/Boulders	8		5.4
	8		
-15	5		
	9		4.8
	10		
643.95			
End of Boring -20	10		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
	12		8.8
	14		
-25			
-30			
-35			
-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. 8-98)

PLOT DATE = 7/9/2012
FILE NAME = P:\DMS-1598 IL 71 Oswego\IL_DATA\DGN\sm311RW_BRLog2.dgn
PLOT SCALE = 1.0000
USER NAME = kdaw

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Phone: (312) 876-9550 Fax: (312) 876-9552

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