CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	411
STA. 780+44.91		TO STA. 918+85.88		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation — SOIL BORING LOG

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Date 6/18/07

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

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW17
Station 864+05.17
Offset 35.58ft Rt.
Ground Surface Elev. 640.83 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 631.3 ft
Upon Completion 633.8 ft
After Hrs. ft

Description	Elev.	Depth (ft)	Blows (6")	UCS Qu (tsf)	Moist (%)
Augered, brown, Silty Clay Loam- fill					
	638.33				
Stiff, brown black, Silty Clay to Silty Clay Loam- fill			3		
			3	2.0	25.6
			3	P	
		-5			
			2		
			1	1.5	31.4
			2	P	
	633.33				
Stiff, gray, Silty Clay Loam to Silty Loam Till			2		
			2	1.0	29.4
			2	P	
	631.33				
Medium, gray, fine, Sand to coarse, Gravel – potential Cobble/Boulder		-10			
			2		
			7		14.5
Free Water @ 9.5'			18		
	628.83				
Hard, gray, fragmented Limestone/Chert Loam matrix					
			12		
			28	>4.5	7.5
			25	P	
		-15			
	625.33		26		
	624.83		100/3"	>4.5	6.8
Presumed Limestone				P	
Auger refusal at 16' End of Boring					
		-20			

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)

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Date 6/18/07

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

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW18
Station 865+62.12
Offset 38.76ft Rt.
Ground Surface Elev. 639.77 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 639.8 ft
Upon Completion 630.8 ft
After Hrs. ft

Description	Elev.	Depth (ft)	Blows (6")	UCS Qu (tsf)	Moist (%)
Augered, black brown, Silty Clay Loam- fill					
	637.27				
Stiff, brown black, Silty Clay Loam to Silty Loam- fill			4		
			4	2.0	24.8
			5	P	
	634.77	-5			
Medium to stiff, gray, Silty Clay Loam to Silty Loam Till			2		
			1	0.5	30.8
			1	P	
			wh		
			2	1.0	18.6
			4	P	
	629.77	-10			
Hard, gray, Limestone and Chert fragments (Gravel) in Loam matrix			4		
			5	4.5	7.1
			6	P	
			8		
			12	4.5	8.1
			18	P	
		-15			
	624.27		29		
Hard, gray, Limestone			100/1"		7.3
Auger refusal at 15.5' End of Boring					
		-20			

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)

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Date 6/18/07

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

SECTION (1-1)R LOCATION NW 14, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station

BORING NO. NW19
Station 867+15.33
Offset 33.69ft Rt.
Ground Surface Elev. 638.94 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 630.4 ft
Upon Completion 630.8 ft
After Hrs. ft

Description	Elev.	Depth (ft)	Blows (6")	UCS Qu (tsf)	Moist (%)
Augered, black brown, Silty Clay Loam- fill					
	637.94				
Stiff, brown, Silty Clay Loam- fill			4		
			3	2.0	26.2
			2	P	
	635.94				
Medium to stiff, gray, Silty Clay to Silty Clay Loam- borderline till @ 7.5'		-5	2		
			1	0.5	32.4
			1	P	
			1		
			2	1.0	14.4
			4	P	
	630.44				
Dense, gray, slightly loamy, Limestone, Sand and Gravel		-10	5		
			7		16.1
Free Water @ 9.5'			28		
	627.94				
Hard, gray, Limestone and Chert fragments (Gravel) in Loam matrix			12		
			18	>4.5	12.5
			31	P	
		-15	26		
	624.44		48		11.0
Gray, Limestone			100/1"		
Auger refusal at 15.5' End of Boring					
		-20			

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)

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

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity
602 W. Fulton Street, Suite 701 • Chicago, IL 60661
Phone: (312) 876-5800 Fax: (312) 876-5890

PLOT DATE = 7/9/2012
FILE NAME = F:\SMS-1158 IL 71 Oswego\LC4B70\CD\Ken-01159_BRLogB.dgn
PLOT SCALE = 1:1
USER NAME = kdaw