

ILLINOIS DEPARTMENT OF TRANSPORTATION
STRUCTURE BORING LOG
Proposed Improvements (Contract No. 62377)

ROUTE FAU 1566 (95th Street) SECTION 29R-N-1 STRUCTURE NO. DRILLED BY KL&ES
COUNTY Cook LOCATION 104th Avenue/Flavin Road and 95th Street (Job # D-91-026-02)

Boring No. NB-1 Station 212+00 Offset 12.5' R
Surface El. +701.97'- M.S.L.

Depth (ft)	D			B			Surf. Wet. Cl.	D			B		
	P	L	T	O	W	S		P	L	T	O	W	S
1.0							CRUSHED STONE SHOULDER COURSE						
2.0	1	2	3	3.30	20.9		FILL: SILTY CLAY, Brown and Gray, Trace Dark Gray, Trace Sand and Gravel, Very Stiff to Hard to Stiff to Very Stiff, Moist						
3.0							(A-6)						
4.0	2	1	1	1.10	22.8		(Dry Density = 108.6 pcf)						
5.0	2	1	1	1.75	20.1		(Hit rock)						
6.0	2	1	1	1.75	20.1		(Low Recovery - Took sager sample)						
7.0	2	1	1	1.75	20.1								
8.0	2	1	1	1.75	20.1								
9.0	2	1	1	1.75	20.1								
10.0	2	1	1	1.71	20.8		(Dry Density = 105.2 pcf)						
11.0	2	1	1	1.71	20.8								
12.0	2	1	1	1.40	22.4		(Dry Density = 107.2 pcf)						
13.0	2	1	1	1.40	22.4		(Combined Analysis) (Atterberg Limit)						
14.0	2	1	1	1.10	23.0								
15.0	2	1	1	1.10	23.0								
16.0	2	1	1	1.10	23.0								
17.0	2	1	1	1.10	23.0								
18.0	2	1	1	1.10	23.0								
19.0	2	1	1	1.10	23.0								
20.0	2	1	1	1.10	23.0								
21.0	2	1	1	1.10	23.0								

N=Standard Penetration Test-Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140lb hammer falling 30"
(Q)U(B)=Bulge S=Shear P=Penetration Test Stations, Depths, Offset, and Elevations are in Feet
Offset is from Centerline of Existing Road SEECO Job No. 7891G-5

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Depth (ft)	D			B			Surf. Wet. Cl.	D			B		
	P	L	T	O	W	S		P	L	T	O	W	S
1.0							CLAY LOAM, Gray, Very Stiff, Moist						
2.0	1	2	3	3.30	20.9		(A-6)						
3.0													
4.0	2	1	1	1.10	22.8		(Dry Density = 108.6 pcf)						
5.0	2	1	1	1.75	20.1		(Hit rock)						
6.0	2	1	1	1.75	20.1		(Low Recovery - Took sager sample)						
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COUNTY Cook LOCATION 104th Avenue/Flavin Road and 95th Street (Job # D-91-026-02)

Boring No. NB-2 Station 212+85 Offset 12.5' R
Surface El. +702.56'- M.S.L.

Depth (ft)	D			B			Surf. Wet. Cl.	D			B		
	P	L	T	O	W	S		P	L	T	O	W	S
1.0							CRUSHED STONE SHOULDER COURSE						
2.0	1	2	3	3.30	20.9		FILL: CLAY LOAM, Dark Gray, Dark Brown and Brown, Trace Gravel, Moist						
3.0							(A-6)						
4.0	2	1	1	1.10	22.8		(Dry Density = 108.6 pcf)						
5.0	2	1	1	1.75	20.1		(Hit rock)						
6.0	2	1	1	1.75	20.1		(Low Recovery - Took sager sample)						
7.0	2	1	1	1.75	20.1								
8.0	2	1	1	1.75	20.1								
9.0	2	1	1	1.75	20.1								
10.0	2	1	1	1.71	20.8		(Dry Density = 105.2 pcf)						
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12.0	2	1	1	1.40	22.4		(Dry Density = 107.2 pcf)						
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Boring No. NB-2 Station 212+85 Offset 12.5' R
Surface El. +702.56'- M.S.L.

Depth (ft)	D			B			Surf. Wet. Cl.	D			B		
	P	L	T	O	W	S		P	L	T	O	W	S
1.0							CRUSHED STONE SHOULDER COURSE						
2.0	1	2	3	3.30	20.9		FILL: CLAY LOAM, Gray, Trace Sand and Gravel, Stiff, Moist						
3.0							(A-6)						
4.0	2	1	1	1.10	22.8		(Dry Density = 108.6 pcf)						
5.0	2	1	1	1.75	20.1		(Hit rock)						
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ROUTE FAU 1566 (95th Street) SECTION 29R-N-1 STRUCTURE NO. DRILLED BY PD&T
COUNTY Cook LOCATION 104th Avenue/Flavin Road and 95th Street (Job # D-91-026-02)

Boring No. NB-3 Station 213+65 Offset 12.5' R
Surface El. +703.71'- M.S.L.

Depth (ft)	D			B			Surf. Wet. Cl.	D			B		
	P	L	T	O	W	S		P	L	T	O	W	S
1.0							CRUSHED STONE SHOULDER COURSE						
2.0	1	2	3	3.30	20.9		FILL: CLAY, Black						
3.0							(A-6)						
4.0	2	1	1	1.10	22.8		(Dry Density = 108.6 pcf)						
5.0	2	1	1	1.75	20.1		(Hit rock)						
6.0	2	1	1	1.75	20.1		(Low Recovery - Took sager sample)						
7.0	2	1	1	1.75	20.1								
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14.0	2	1	1	1.10	23.0								
15.0	2	1	1	1.10	23.0								
16.0	2	1	1	1.10	23.0								
17.0	2	1	1	1.10	23.0								
18.0	2	1	1	1									