



ROUTE F.A.I. 90 / I-94 DESCRIPTION Dan Ryan Expressway (I-91-419-81) LOGGED BY RP

SECTION LOCATION Chicago, Illinois

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	Depth (ft)	Soil Description	Moisture (%)	U (lb)	C (lb)	M (lb)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)
1	2415+10.77	0.00	Asphalt, 3"										
2	2415+10.77	0.30	Concrete, 12"										
3	2415+10.77	0.60	Gravel and Sub Base, some Clay FILL										
4	2415+10.77	1.17	Very Stiff to Hard Gray SILTY CLAY LOAM		5.4	13.0							
5	2415+10.77	1.50	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		3.6	16.0							
6	2415+10.77	2.25	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 (ASTM 1286)
 BBS, from 137 (Rev. 8-99)



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1	2415+35.83	0.00	Asphalt, 3"										
2	2415+35.83	0.30	Concrete, 12"										
3	2415+35.83	0.75	Gravel and Sub Base, some Clay FILL										
4	2415+35.83	1.20	Very Stiff to Hard Gray SILTY CLAY LOAM		5.3	14.0							
5	2415+35.83	1.80	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		4.2	17.0							
6	2415+35.83	2.25	End of Boring										

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1	2432+08.98	0.00	Asphalt, 3"										
2	2432+08.98	0.30	Concrete, 12"										
3	2432+08.98	0.60	Gravel and Sub Base, some Clay FILL										
4	2432+08.98	1.17	Very Stiff to Hard Gray SILTY CLAY LOAM		6.8	17.0							
5	2432+08.98	1.50	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		2.8	11.0							
6	2432+08.98	2.25	End of Boring										

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1	2452+38.73	0.00	Asphalt, 3"										
2	2452+38.73	0.30	Concrete, 12"										
3	2452+38.73	0.60	Gravel and Sub Base, some Clay FILL										
4	2452+38.73	1.17	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		4.8	13.0							
5	2452+38.73	1.50	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		3.6	15.0							
6	2452+38.73	2.25	End of Boring										

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1	2453+47.51	0.00	Asphalt, 4"										
2	2453+47.51	0.30	Concrete, 14"										
3	2453+47.51	0.75	Gravel and Sub Base, some Clay FILL										
4	2453+47.51	1.20	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		2.6	28.0							
5	2453+47.51	1.50	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		3.8	17.0							
6	2453+47.51	2.25	End of Boring										

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1	2467+47.81	0.00	Asphalt, 3"										
2	2467+47.81	0.30	Concrete, 16"										
3	2467+47.81	0.60	Gravel and Sub Base										
4	2467+47.81	1.17	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		2.4	18.0							
5	2467+47.81	1.50	Very Stiff to Hard / Medium Dense Gray SILTY CLAY LOAM / SILTY LOAM		2.2	18.0							
6	2467+47.81	2.25	End of Boring										

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK	556	384N
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
* (1818, ETC, 2324.6-1P/R-8			62300	

ADDED SHEET SB-01



REVISIONS	NAME	DATE
ADDENDUM #2		9-16-05

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
 71ST STREET TO 31ST STREET (NB EXPRESS LANES)

SOIL BORING LOGS

SCALE: NONE DRAWN BY: PJP
 DATE: September 16, 2005 CHECKED BY: JAL

9/25/2005 9:25:08 AM