



Bridge Foundation Boring Log

P-91-285-79 PROJECT BRIDGE Route 60 over the Date March 21, 1985 Sh. 1 of 2 Sh.
 ROUTE FAH-1246 Tri-State Tollway Bored By D. Grow
 SEC. _____ STA. _____ Checked By _____

Elevation	N	Cu t/s.f.	w (%)	Surface Water El.			
				Elevation	N	Cu t/s.f.	w (%)
710.6	0			Groundwater El. at Completion	675.6		
707.1	1			After _____ Hours			
	2			Hard, Brown Silty Clay (Till)			
	3						
	4						
	5						
	6	2.9	17				
	7						
702.1	3			Poor Recovery - Cobble?			
	4						
	5						
	6	2.1	19				
	7						
701.1	3			Medium, Gray Course Sand			
	4						
	5						
	6						
	7	3.7	16				
698.6	4			Hard, Brown Silty Clay (Fill)	676.1		
	5						
	6						
	7	5.8	17				
695.6	3			Very Stiff, Gray Silty Clay (Till)	674.6		
	4						
	5						
	6						
	7	2.9	17				
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	9						
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N-Standard Penetration Test- Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%.
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

BD 137 (Rev. 4-78)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	293
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

60B01

FORM NO. B. D. 137 REV. 8-66

Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

FAU 1246 Section P-91-285-79 Lake County Boring 5 Cent.	Elevation	N	Cu t/s.f.	w (%)	Elevation	N	Cu t/s.f.	w (%)
Stiff, Gray Clay (Till)	-45	2	B					
		4						
		6	1.9	20				
663.6								
Very Stiff, Gray Clay (Till)		3	B					
		4						
		6	2.7	19				
661.1								
Stiff, Gray Clay (Till)	-50	3	B					
		4						
		6	1.6	18				
659.1								
End of Boring								

SHEET S-46 OF S-53

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SOIL BORINGS - VII
 ILLINOIS 60 OVER I-94
 F.A.P. RTE. 335 SECTION 119R-2
 LAKE COUNTY STA. 445+54.14
 S.N. 049-2012 ISTHA BRIDGE NO. 407
 DESIGNED BY: SNB
 DRAWN BY: SNB
 CHECKED BY: SP
 SCALE:
 DATE: MAY 8, 2007

TYLIN INTERNATIONAL

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