



Bridge Foundation Boring Log

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

Elevation	N	Cu t/s.f.	w (%)	Surface Water El.	Groundwater El. at Completion	After _____ Hours	Elevation	N	Cu t/s.f.	w (%)
				Concrete underlain by Roadstone						
707.1	1			Very Stiff, Brown Silty Clay (Fill)			-25	3	B	
	2							6	4.7	16
	3							7	S(15)%	
	3	B		Poor Recovery - Cobble?				10	4.6	23
	5							20		
	6	2.9	17					22		
702.1	3	B		Medium, Gray Course Sand			-30	5	S(15)%	
	7	2.1	19					9		
	7							11	7.8	16
701.1	3	B		Very Stiff, Brown Silty Clay (Fill)				5	B	
	6							10		
	7	3.7	16					11	8.1	16
698.6	4	B		Hard, Brown Silty Clay (Fill)			-35	3	B	
	6							7	3.7	16
	7	5.8	17					9		
695.6	3	S(20)%		Medium, Brown, Wet Sandy Loam and Gravel				4	B	
	6	2.9	17					7	1.6	20
	2	S(20)%						3		
	5			Stiff, Gray Silty Clay (Fill) with Sand Lenses			-40	3		
	7	2.3	23					5		
	2	B						6		
688.6	7			Medium, Brown, Wet Sand with some Clay Lenses				3	B	
	9	3.9	15					5		
	6							6	1.9	18
				Stiff, Gray Clay (Fill)			-45	3	B	
								5		
								6	1.9	18

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 - Usf

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)

TYLIN INTERNATIONAL

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. 187 REV. 9-66

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 (Fill)	-45	2	B					
		4						
	663.6	6	1.9	20				
Very Stiff, Gray Clay (Fill)		3	B					
		4						
	661.1	6	2.7	19				
Stiff, Gray Clay (Fill)	-50	3	B					
		4						
	659.1	4	1.6	18				
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

PA60245611-60N-structure\In\NLS0001\BR_sht7.dgn 05/03/2007 04:31:19 PM