

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	291
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01



**Bridge Foundation Boring Log**

P-91-285-79 PROJECT BRIDGE Route 60 over the Date March 19, 1985 Sh. 1 of 2 Sh.  
 ROUTE FAU 1246 Tri-State Tollway Bored By D. Grow  
 SEC. STA. Checked By

Elevation	N	Qu t/sf	w (%)	Surface Water El.			
				Elevation	N	Qu t/sf	w (%)
Ground Surface 710.5	0			Groundwater El. at Completion			
Concrete 709.5				After 24 Hours 678.5			
Road Gravel 708.0				Very Stiff, Gray Silty Clay (Till)			
Very Stiff, Brown Silty Clay (Fill)	2	B		685.5	-25	4	B
	3	2.3	17			10	
	3	B				12	5.2 16
	4					6	B
	6	2.9	16			12	
Very Stiff, Brown Silty Clay (Till)	4	B		681.0	-30	4	S(15) 2
	6	3.1	17			8	
	6	B				10	3.3 19
	6	3.1	16			5	B
	6	3.1	16			7	1.7 17
Hard, Brown Silty Clay (Fill)	8	B		677.5	-35	2	B
	8	5.4	16			4	1.7 12
	8	5.4	16			6	1.7 12
Very Stiff, Brown Silty Clay (Fill)	6	B		672.5	-40	2	B
	7	2.5	21			3	B
	7	2.5	21			4	2.0 20
Hard, Gray Silty Clay (Till)	4	B		668.0	-45	2	B
	5	6.2	17			3	B
	5	6.2	17			4	1.6 19
Very Stiff, Gray Clay (Till)	5	B				5	B
	5	B				6	2.5 19
	5	B				6	2.5 19

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)

TYLIN INTERNATIONAL

FORM NO. S. D. 187 REV. 9-88

Sh. 2 of 2 Sh.

**BRIDGE FOUNDATION BORING LOG**

Elevation	N	Qu t/sf	w (%)	Elevation	N	Qu t/sf	w (%)
FAU 1246 Section P-91-285-79 Lake County Boring 3 Cont.							
Very Stiff, Gray Clay (Till) with 6" Seam of Sandy Loam	2	B		663.5			
	5						
	5	2.1	19				
	4						
	4	1.7	19				
Very Stiff, Gray Clay (Till)	1	B		-50			
	4						
	4	1.7	19				
	5	1.4	14				
	5	1.4	14				
Very Stiff, Gray Clay (Till)	2	B		-55			
	6						
	6	1.2	15				
	6	1.2	15				
	6	1.2	15				
Very Stiff, Gray Clay (Till)	3	B		-60			
	6						
	8	1.2	13				
	8	1.2	13				
	8	1.2	13				
Hard, Gray Silty Clay (Till)	6	B		652.5			
	8						
	11	4.2	18				
	9	B		-65			
	10						
End of Boring	12	4.8	18	649.0			

PA60245811-60-STRUCTURE/PA60245811-60-STRUCTURE/PA60245811-60-STRUCTURE

SHEET S-44 OF S-53

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SOIL BORINGS - V**  
 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  
 SCALE:  
 DATE: MAY 8, 2007  
 CHECKED BY: SP

05/03/2007 04:31:07 PM