

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

Ground Surface		Concrete		Road Gravel		Very Stiff, Brown Silty Clay (Fill)		Hard, Brown Silty Clay (Till)		Very Stiff, Brown Silty Clay (Till)		Stiff, Gray Sandy Clay (Till)		Very Stiff, Brown Silty Clay (Till)		Stiff, Gray Clay (Till)		Hard, Gray Silty Clay (Till)										
Elevation	N	Qu t/sf	w (%)	Elevation	N	Qu t/sf	w (%)	Elevation	N	Qu t/sf	w (%)	Elevation	N	Qu t/sf	w (%)	Elevation	N	Qu t/sf	w (%)									
710.5	0			709.5				685.5	4	B		681.0	4	B		677.5	5	B		672.5	2	B		668.0	2	B		
				708.0					6	2.9	15		6	B			7	1.7	17		3	B			3	B		
									3	2.3	17		10	5.2	16			2	B		4	2.0	20		4	1.6	19	
									3	B			12	9.3	19			6	1.2	15		5	B		4	B		
									4	2.9	16		12	9.3	19			6	1.2	15		6	3.1	17		6	3.1	16
									4	B			15	9.3	19			6	1.2	13		6	3.1	16		6	3.1	16
									6	3.1	17		15	9.3	19			8	4.2	18		6	3.1	16		6	3.1	16
									6	3.1	16		15	9.3	19			8	4.2	18		6	3.1	16		6	3.1	16
									6	3.1	16		15	9.3	19			8	4.2	18		6	3.1	16		6	3.1	16
									6	3.1	16		15	9.3	19			8	4.2	18		6	3.1	16		6	3.1	16
									6	3.1	16		15	9.3	19			8	4.2	18		6	3.1	16		6	3.1	16

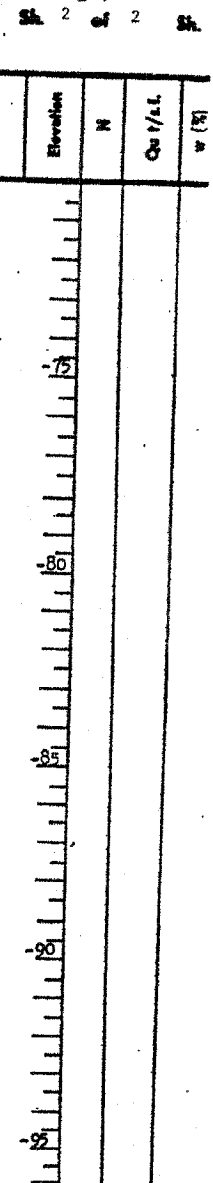
N-Standard Penetration Test - Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".
 Qu-Unconfined Compressive Strength - t/sf
 w - Water Content - percentage of oven dry weight-%
 Type failure:
 B - Bulge Failure
 S - Shear Failure
 E - Estimated Value
 P - Penetrometer

BD 137 (Rev. 4-78)

FORM NO. B. D. 187 REV. 9-66

BRIDGE FOUNDATION BORING LOG

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



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
 CHECKED BY: SP
 SCALE:
 DATE: MAY 8, 2007

SHEET S-44 OF S-53

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