F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	292
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

Illinois Department of Transportation

Bridge Foundation Boring Log

SN 049-9902

Sh. 1 of 2 Sh.

PROJECT P-91-285-79 BRIDGE Route 60 @ Tri-State Tollway Date March 26, 1985

ROUTE FAU-1246 Bored By D. Grow

SEC. STA. Checked By

COUNTY Lake

Boring No. 4
Station 445+57
Offset 50'Lt. of C.L.

Surface Water El.
Groundwater El. at Completion
After ___ Hours

Description	Elevation	N	Qu t/s.f.	w (%)
Ground Surface 690.5	0			
4" Bituminous underlain by Wet Road Gravel		5, 10, 7		
685.5	-5			
Hard, Brown Silty Clay (Till)		4, 6, 8	B, 6.2	16
683.0				
Stiff, Gray & Brown Silty Clay (Mottled)		4, 4, 5	B, 1.4	19
680.5	-10			
Very Stiff, Gray & Brown Silty Clay (Till) (Mottled)		4, 5, 10	B, 3.7	21
Gray		5, 8, 9	B, 2.7	17
	-15	3, 5, 9	B, 2.5	29
672.5		8, 11, 10		
Medium, Brown, Wet Sandy Loam with Clay Seams 670.5	-20			
Stiff, Gray Clay (Till)		4, 4, 4	B, 1.8	15
Stiff, Gray Clay (Till)		3, 4, 5	B, 1.6	20
	-25	3, 5, 6	B, 1.9	20
662.5		3, 5, 6	B, 2.3	19
Very Stiff, Gray Clay (Till)	-30	4, 5, 6	B, 2.0	20
658.5				
Stiff, Gray Clay (Till)		5, 5, 5	B, 1.4	18
	-35	1, 1, 3	B, 1.2	23
		3, 3, 4	B, 1.1	18
651.0	-40			
Very Stiff, Gray Silty Clay (Till)		4, 8, 11	B, 3.5	21
	-45			

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)

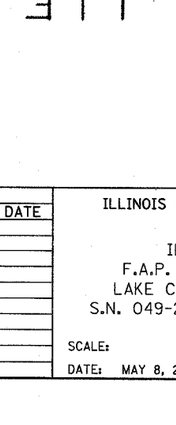
FORM NO. B. D. 137 REV. 9-66

Sh. 2 of 2 Sh.

BRIDGE FOUNDATION BORING LOG

FAU-1246
Section
P-91-285-79
Lake County Boring 4 Cont.

Description	Elevation	N	Qu t/s.f.	w (%)
Very Stiff, Gray Silty Clay (Till)	-45	5, 8, 8	B, 3.1	18
	-50	6, 8, 10	B, 2.9	17
	-55	5, 8, 12	B, 3.3	19
	-60	3, 7, 9	B, 2.3	13
629.0 End of Boring				
	-65			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			



SHEET S-45 OF S-53

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - VI
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

SCALE:
DATE: MAY 8, 2007
DESIGNED BY: SNB
DRAWN BY: SNB
CHECKED BY: SP

TY·LIN INTERNATIONAL

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