



Illinois Department of Transportation.

Bridge Foundation Boring Log

Sh. 3 of 4 Sh.

PROJECT _____ BRIDGE Light Standard Date 10/29/85

ROUTE FAI-57 North Bound Rest Area Bored By Winschief

SEC. (10-30) RA-L STA. _____ Checked By TGB

COUNTY Champaign

Boring No. 1
Station 97+55
Offset 90' Rt

	Elevation	N	Qu t/s.f.	w (%)	Surface Water El.	Elevation	N	Qu t/s.f.	w (%)
					Groundwater El. at Completion				
					After _____ Hours				
Ground Surface	0								
GRAY BROWN MIXED CLAY LOAM EMBANKMENT						-25			
	11		B 5.4	12					
BLACK SILTY CLAY LOAM TOP SOIL	10		B 2.5	25		-30			
BROWN GRAY MOTTLED SILTY CLAY	-10	6	B 2.1	26					
GRAY BROWN SILTY CLAY LOAM		1		28		-35			
BROWN GRAY MOTTLED SANDY CLAY LOAM TILL	-15	16	S 3.5	14					
	18		S 6.2	12		-40			
GRAY SANDY CLAY LOAM TILL	-20	16	B 5.8	12					
(LIMIT OF BORING)						-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



Illinois Department of Transportation.

Bridge Foundation Boring Log

Sh.4 of 4 Sh.

PROJECT _____ BRIDGE Light Standard Date 10/28/85

ROUTE FAI-57 North Bound Rest Area Bored By Winschief

SEC. (10-30) RA-L STA. _____ Checked By TGB

COUNTY <u>Champaign</u>	Boring No. <u>2</u>	Station <u>100+00</u>	Offset <u>90" Lt</u>	Elevation	N	Qu t/s.f.	w (%)	Surface Water El.	Groundwater El. at Completion	After _____ Hours	Elevation	N	Qu t/s.f.	w (%)
Ground Surface				0										
GRAY MIXED CLAY LOAM EMBANKMENT				-5	13	B 7.8	10				-25			
BROWN GRAY MOTTLED SILTY CLAY					6	B 2.7	23				-30			
GRAY BROWN MOTTLED SILTY CLAY- SILTY CLAY LOAM				-10	6	1.0	28							
GROWN GRAY MOTTLED SANDY CLAY LOAM TILL					18	S 5.2	13				-35			
GRAY SANDY CLAY LOAM TILL				-15	21	S 7.8	11							
					18	B 8.0	11				-40			
				-20	16	B 8.7	11							
LIMIT OF BORING											-45			

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