F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	289
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 2/02

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT MORRIS AVENUE & VETERANS PARKWAY LOGGED BY K.W.

SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. ____
Station ____

BORING NO. 1 NE QUAD
Station ____
Offset ____
Ground Surface Elev. ____ m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter ____ m ▼
Upon Completion ____ m ▽
After 48 Hrs. ____ m ▽

DEPTH (m)	BLOWS /150 mm	UCS Qu (kPa)	MOIST (%)
AUGERED Black SILTY CLAY LOAM Over Brown SILTY CLAY LOAM TILL (FILL)			
	6		
Hard Brown SILTY CLAY LOAM /CLAY LOAM TILL (FILL)	7	469	12.0
	8	S	
-1.5 ▽ Very Stiff Black & Gray SILTY CLAY LOAM	3		
Medium to Stiff Brown CLAY LOAM (FILL)	4	96	23.0
	5	P	
Loose Wet Black & Brown Mix of Brown CLAY LOAM; CINDERS; Weathered Brick Pieces; GLASS SHARDS;	1		
	1	--	52.0
	1	--	
-3.0 Soft Gray Brown SILTY LOAM	WOH		
	1	19	35.0
	2	B	
Soft Brown SILTY CLAY	1		
Very Soft Gray Brown SILTY CLAY LOAM to SILTY LOAM	2	4	30.0
	2	B	
-4.6 Stiff Mix of Gray SILT; Brown CLAY LOAM TILL & Brown SANDY LOAM	2		
	4	125	16.0
	5	B	
	4		
	4	269	17.0
	7	S	
-6.0			
Stiff Brown CLAY LOAM TILL with Layers of Fine SAND (continued)	5		
	7	422	13.0
	11	B	
Hard Gray SANDY CLAY LOAM TILL ▽	5		
	9	450	12.0
	14	B	
▼-7.5 Hard Gray CLAY LOAM TILL			
	5		
	8	383	13.0
	10	B	
-9.0	5		
	7	383	13.0
	10	B	
End of Boring			
-10.6			
-12.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 2/02

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT MORRIS AVENUE & VETERANS PARKWAY LOGGED BY K.W.

SECTION (1)I LOCATION NE 14, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY McLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. ____
Station ____

BORING NO. 2 NW QUAD
Station ____
Offset ____
Ground Surface Elev. ____ m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter ____ m
Upon Completion NONE m
After ____ Hrs. ____ m

DEPTH (m)	BLOWS /150 mm	UCS Qu (kPa)	MOIST (%)
AUGERED Black SILTY CLAY LOAM & Brown CLAY LOAM TILL (FILL)			
	4		
Stiff Mix of Brown CLAY LOAM TILL & Black SILTY CLAY LOAM (FILL)	6	144	18.0
	5	P	
-1.5 Stiff Mix of Gray CLAY LOAM TILL; Brown CLAY LOAM TILL; Black SILTY CLAY LOAM with GRAVEL & Pieces of TILE or BRICK (FILL)	4		
	8	163	15.0
	7	P	
Stiff Brown GRAVELLY CLAY LOAM TILL	3		
	6	115	13.0
	7	P	
-3.0 Very Stiff Brown CLAY LOAM TILL	8		
	10	268	12.0
	11	S	
	7		
	9	345	14.0
	9	S	
-4.6	4		
	8	297	14.0
	9	B	
Very Stiff Gray CLAY LOAM TILL			
-6.0			
Very Stiff Gray CLAY LOAM TILL (continued)	4		
	6	259	13.0
	8	B	
-7.5	4		
	7	297	13.0
	9	B	
End of Boring			
-9.0			
-10.6			
-12.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
MORRIS AVENUE AND VETERANS PARKWAY
TRAFFIC SIGNAL

2 OF 10 DRAWN BY
DATE 10-16-06 CHECKED BY PMH

MORRIS AVENUE AND VETERANS PARKWAY TRAFFIC SIGNAL, BORING LOGS