F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	290
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 2/7/02

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. 3 SW QUAD
Station
Offset
Ground Surface Elev. m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion m
After 24 Hrs. m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Black SILTY CLAY LOAM &Brown CLAY LOAM TILL				
Hard Brown CLAY LOAM TILL		7		
		9	422	14.0
		10	B	
Very Stiff Brown CLAY LOAM TILL	-1.5			
		5		
		7	278	15.0
		8	B	
		5		
		7	345	14.0
		9	B	
	-3.0			
		3		
		6	316	14.0
		8	B	
	-4.5			
Stiff Gray CLAY LOAM TILL		3		
		5	115	14.0
		8	B	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Loose Brown Fine to Medium SAND (continued)		4		20.0
Medium Brown SILT, SILTY LOAM & Fine SAND		10		
		8		14.0
Hard Gray CLAY LOAM TILL				
	-7.5			
		4		
		7	393	13.0
		11	B	
End of Boring				
	-9.0			
	-10.5			
	-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 2/7/02

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. 4 SE QUAD
Station
Offset
Ground Surface Elev. m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion m
After 24 Hrs. m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Black SILTY CLAY LOAM & Brown CLAY LOAM TILL				
Very Stiff Brown CLAY LOAM TILL		3		
		4	240	15.0
		6	P	
	-1.5			
		5		
		8	259	14.0
		7	B	
		5		
		7	316	15.0
		11	B	
Medium Brown Medium to Coarse SAND	-3.0			
		3		
Hard Brown CLAY LOAM TILL		7	383	18.0
		9	S	
Medium Brown Wet SAND				
		4		20.0
Medium Brown Gray SILT & SILTY LOAM		5	67	21.0
Very Stiff Brown & Gray CLAY LOAM TILL		7	240	14.0
			P	
Hard Brown & Gray CLAY LOAM TILL	-4.5			
		4	450	14.0
Stiff Gray CLAY LOAM with Thins Gray SAND Lenes		8	B	
		8	144	14.0
			P	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Stiff Gray CLAY LOAM with Thins Gray SAND Lenes (continued)		4		
		7	172	13.0
		7	B	
	-7.5			
		4		
		6	125	13.0
		8	B	
End of Boring				
	-9.0			
	-10.5			
	-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

3 OF 10

DATE 10-16-06

DRAWN BY

CHECKED BY PMH

MORRIS AVENUE AND VETERANS PARKWAY TRAFFIC SIGNAL, BORING LOGS