F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	292
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 1/22/02

ROUTE FAP 704(I-55BL) DESCRIPTION BOX CULVERT ON SIX POINTS ROAD RECONSTRUCTION IN BLOOMINGTON LOGGED BY B.W.

SECTION (1)I (SIX POINTS ROAD) LOCATION NE 1/4, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM

COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station

BORING NO. 1 WBL
Station 0+285.5
Offset 3.05m LT
Ground Surface Elev. 244.48 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 240.8 m ▼
Upon Completion 236.6 m ▽
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED BITUMINOUS PAVEMENT Over CA06 GRAVEL BASE Over Brown SANDY LOAM TILL (FILL)	243.72				
Stiff Brown SANDY LOAM TILL Mixed with Some CA06 (FILL)	243.57		11		
A-3 Road Surface Over CA06 GRAVEL BASE	243.11		12 / 11	– / –	4.0
Soft Greenish Gray CLAY LOAM TILL Weathered & Reworked with Pieces of Brown Till In Stream Valley Colluvial Material		-1.5	2		
			2 / 2	38 / S	19.0
			1		
			2 / 2	29 / S	25.0
Stiff Mottled Brown Gray SILTY CLAY LOAM with Black & Brown 5mm SAND Inclusions in Colluvial Material	241.58	-3.0	WOH		
			1 / 2	125 / B	25.0
Soft Brown CLAY LOAM TILL with Wet SAND Pockets	240.82 ▼		WOH		
			2 / 1	29 / P	22.0
Stiff Brown CLAY LOAM TILL	240.06	-4.5	1		
			3 / 4	125 / B	15.0
Very Stiff Brown CLAY LOAM TILL	239.30		1		
			3 / 5	230 / B	14.0
	238.54	-6.0			
Very Stiff Gray CLAY LOAM TILL (continued)			2		
			5 / 7	192 / B	13.0
			2		
			6 / 8	192 / B	13.0
		-7.5			
			3		
	▽		7 / 8	345 / B	12.0
			3		
			6 / 8	278 / B	12.0
	234.88				
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

Page 1 of 1

Date 3/31/03

ROUTE FAP 704(I-55BL) DESCRIPTION SPRINGFIELD ROAD RELOCATION TO SIX POINTS ROAD LOGGED BY

SECTION (1)I LOCATION , SEC. , TWP. , RNG.

COUNTY MCLEAN DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.
Station

BORING NO. 11
Station 1+058
Offset 1.52m LT
Ground Surface Elev. 248.75 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter 242.5 m ▼
Upon Completion m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGER SAMPLE CA06 STONE					
CA06 STONE	247.94		3		
Very Stiff BrownSILTY CLAY LOAM	247.69		4 / 5	192 / P	24.0
Loose Black Buried BITUMINOUS CONCRETE	247.32	-1.5	4		
			3 / 3	– / –	8.0
Broken BRICK & SANDY LOAM	246.46		6		
Very Stiff Brown SILTY CLAY LOAM	246.31		3 / 3	192 / –	18.0
Soft Black & Brown Mix of CLAY LOAM. CA06, & BITUMINOUS CONCRETE	245.85	-3.0	7	48	19.0
BROKEN BRICKS & SAND	245.55		4 / 4	–	23.0
			3 / 4 / 3	– / –	23.0
Broken BRICK & Loose Black CINDERS & ASH	244.19	-4.5	1		
			1 / 1	– / –	28.0
Stiff Brown SILTY CLAY LOAM	243.57		1		
			2 / 3	96 / P	26.0
	242.81	-6.0			
Very Soft Dark Gray CLAY LOAM (continued)	▼		WOH		
			1 / 3	29 / P	22.0
LOOSE (Very Soft) Gray & Brown SANDY LOAM with GRAVEL & FREE WATER	242.04		WOH		
			1 / –	38 / P	59.0
		-7.5			
			WOH		
Soft Brown & Gray CLAY LOAM TILL	240.98		1 / 3	48 / P	23.0
End of Boring	240.67				
		-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
SPRINGFIELD ROAD BOX CULVERT

5 OF 10
DATE 10-16-06

DRAWN BY
CHECKED BY PMH

SPRINGFIELD ROAD CULVERT, BORING LOGS