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 12202

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 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 WBL
Station 0+265.5
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 238.6 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 Grey CLAY LOAM TILL Weathered & Reworked with Pieces of Brown Till in Stream Valley Colluvial Material		–1.5	2 2 2	38 S	19.0
	241.58		1 2 2	29 S	25.0
Stiff Mottled Brown Gray SILTY CLAY LOAM with Black & Brown 5mm SAND Inclusions in Colluvial Material		–3.0	WOH 1 2	125 B	25.0
	240.82		WOH 2 1	29 P	22.0
Soft Brown CLAY LOAM TILL with Wet SAND Pockets	240.06	–4.5	1 3 4	125 B	15.0
Stiff Brown CLAY LOAM TILL	239.30		1 3 5	230 B	14.0
Very Stiff Brown CLAY LOAM TILL	238.54	–6.0			
Very Stiff Gray CLAY LOAM TILL (continued)		–7.5	2 5 7	192 B	13.0
			2 6 8	192 B	13.0
		–9.0	3 7 8	345 B	12.0
			3 6 8	278 B	12.0
End of Boring	234.88	–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 33103

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	247.84				
CA06 STONE	247.68		3		
Very Stiff BrownSILTY CLAY LOAM	247.32		4 5	192 P	24.0
Loose Black Burled BITUMINOUS CONCRETE	246.46	–1.5	4 3 3	– –	8.0
Broken BRICK & SANDY LOAM	246.31		6		
Very Stiff Brown SILTY CLAY LOAM	245.85		3 3	192 –	18.0
Soft Black & Brown Mix of CLAY LOAM, CA06, & BITUMINOUS CONCRETE	245.55	–3.0	7 4	48	19.0
BROKEN BRICKS & SAND	244.18	–4.5	4 3 4 3	– –	23.0 23.0
Broken BRICK & Loose Black CINDERS & ASH	243.57		1 1 1	– –	28.0
Stiff Brown SILTY CLAY LOAM	242.81	–6.0	2 3	96 P	26.0
Very Soft Dark Gray CLAY LOAM (continued)	242.04		WOH 1 3	29 P	22.0
LOOSE (Very Soft) Gray & Brown SANDY LOAM with GRAVEL & FREE WATER	240.98	–7.5	WOH 1 –	38 P	59.0
Soft Brown & Gray CLAY LOAM TILL	240.67		WOH 1 3	48 P	23.0
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
SPRINGFIELD ROAD BOX CULVERT

5 OF 10

DRAWN BY

DATE 10-16-06

CHECKED BY PMH

SPRINGFIELD ROAD CULVERT, BORING LOGS