F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
704	(1)N & TS-1	McLEAN	497	288
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 1/17/02

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE IN BLOOMINGTON LOGGED BY K.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 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

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM TILL				
Hard Brown SILTY CLAY LOAM TILL		8		
		8	450	12.0
		12	S	
	-1.5			
		5		
		6	402	15.0
		9	B	
Very Stiff Brown SILTY CLAY LOAM TILL		5		
		5	345	13.0
		8	B	
	-3.0			
		5		
		6	287	12.0
		9	P	
Very Stiff Gray SILTY CLAY LOAM TILL		4		
		6	240	12.0
		7	B	
	-4.5			
		2		
		6	259	13.0
		7	B	
Hard Gray SILTY CLAY LOAM TILL		4		
		6	431	13.0
		9	B	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Stiff Gray LOAM TILL (continued)		5		
		7	144	11.0
		9	S	
Very Stiff Gray CLAY LOAM TILL		3		
		5	240	14.0
		7	B	
	-7.5			
		3		
		5	211	14.0
		7	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 1/17/02

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE LOGGED BY K.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. 2 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 Hrs. m

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Black-Brown SILTY CLAY LOAM with GRAVEL (FILL)				
Mix of Stiff Brown SILTY CLAY LOAM TILL, GRAVEL & Old BITUMINOUS CONCRETE (FILL)		4		
		8	192	12.0
		16	P	
	-1.5			
Stiff to Very Stiff Brown SILTY CLAY LOAM TILL		3		
		4	172	15.0
		7	B	
		3		
		7	297	14.0
		9	B	
	-3.0			
Hard Brown SILTY CLAY LOAM TILL		4		
		6	422	14.0
		9	B	
		4		
		6	383	14.0
		8	B	
	-4.5			
Stiff Gray SILTY LOAM TILL		5		
		5	211	13.0
		7	B	
		3		
		5	172	14.0
		8	B	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Stiff Gray SILTY LOAM TILL (continued)		6		
Hard Brown SILTY CLAY LOAM TILL		7	584	14.0
		10	S	
Very Stiff Gray SILTY CLAY LOAM TILL		6		
		5	240	13.0
		8	B	
	▽7.5			
		4		
		6	335	13.0
		8	S	
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)
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BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
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Illinois Department of Transportation

SOIL BORING LOG

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Date 1/17/02

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE LOGGED BY K.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. 3 NE 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

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
AUGERED Brown SILTY CLAY LOAM TILL				
Hard Brown SILTY CLAY LOAM TILL		6		
		7	450	13.0
		9	B	
	-1.5			
		3		
		6	402	15.0
		7	B	
		4		
		6	383	15.0
		9	B	
	-3.0			
		4		
		7	556	14.0
		9	B	
Very Stiff Gray SILTY CLAY LOAM TILL		6		
		5	297	13.0
		7	B	
	-4.5			
		3		
		4	259	14.0
		7	B	
		4		
		4	201	14.0
		7	B	
	-6.0			

Description	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Gray SILTY CLAY LOAM TILL (continued)		4		
		5	316	13.0
		7	B	
		3		
		5	259	14.0
		7	B	
	-7.5			
		4		
		4	383	12.0
		6	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
SIX POINT ROAD TRAFFIC SIGNAL

1 OF 10

DATE 10-16-06

DRAWN BY

CHECKED BY PMH

SIX POINT ROAD TRAFFIC SIGNAL, BORING LOGS