

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		

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**Illinois Department of Transportation**  
Division of Highways  
**SOIL BORING LOG**

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE IN BLOOMINGTON LOGGED BY K.W. Date 1/7/02

SECTION (1) 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	D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	Surface Water Elev. _____ m		D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	
						Stream Bed Elev. _____ m	Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m					
BORING NO. <u>1 NW QUAD.</u>	Station _____	H S	Q u	T		Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m		H S	Q u	T		
Offset _____ m		(150 mm)		(kPa)	(%)	Offset _____ m		(150 mm)		(kPa)	(%)	
Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	(%)
AUGERED Brown SILTY CLAY LOAM TILL						Stiff Gray LOAM TILL (continued)						
						5						
						7 144 11.0						
						9 S						
Hard Brown SILTY CLAY LOAM TILL						Very Stiff Gray CLAY LOAM TILL						
6						3						
8 460 12.0						5 240 14.0						
12 S						7 B						
-1.5						-7.5						
5						3						
6 402 15.0						5 211 14.0						
9 B						7 B						
Very Stiff Brown SILTY CLAY LOAM TILL						End of Boring						
5												
5 348 13.0												
8 B												
-3.0						-9.0						
5												
6 287 12.0												
9 P												
Very Stiff Gray SILTY CLAY LOAM TILL												
4												
6 240 12.0												
7 B												
-4.5						-10.5						
2												
6 259 13.0												
7 B												
Hard Gray SILTY CLAY LOAM TILL												
4												
6 431 13.0												
9 B												
-6.0						-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)

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ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE LOGGED BY K.W. Date 1/7/02

SECTION (1) 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	D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	Surface Water Elev. _____ m		D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	
						Stream Bed Elev. _____ m	Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m					
BORING NO. <u>2 SW QUAD.</u>	Station _____	H S	Q u	T		Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m		H S	Q u	T		
Offset _____ m		(150 mm)		(kPa)	(%)	Offset _____ m		(150 mm)		(kPa)	(%)	
Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	(%)
AUGERED Black-Brown SILTY CLAY LOAM with GRAVEL (FILL)						Stiff Gray SILTY LOAM TILL (continued)						
						8						
						7 584 14.0						
						10 S						
Mix of Stiff Brown SILTY CLAY LOAM TILL, GRAVEL & Old BITUMINOUS CONCRETE (FILL)						Very Stiff Gray SILTY CLAY LOAM TILL						
4						6						
9 192 12.0						5 240 13.0						
16 P						8 B						
-1.5						-7.5						
3						4						
4 172 15.0						6 325 13.0						
7 B						8 S						
Stiff to Very Stiff Brown SILTY CLAY LOAM TILL						End of Boring						
3												
7 297 14.0												
9 B												
-3.0						-9.0						
4												
6 422 14.0												
9 B												
Hard Brown SILTY CLAY LOAM TILL												
4												
6 383 14.0												
8 B												
-4.5						-10.5						
5												
5 211 13.0												
7 B												
3												
5 172 14.0												
8 B												
-6.0						-12.0						

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**SOIL BORING LOG**

ROUTE FAP 704(I-55BL) DESCRIPTION MAST ARM FOUNDATION AT SIX POINTS ROAD & MORRIS AVENUE LOGGED BY K.W. Date 1/7/02

SECTION (1) 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	D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	Surface Water Elev. _____ m		D E P T H S T R I C T I O N	B L O C K S	U N I T S	M O D E L	
						Stream Bed Elev. _____ m	Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m					
BORING NO. <u>3 NE QUAD.</u>	Station _____	H S	Q u	T		Groundwater Elev.: First Encounter _____ m Upon Completion _____ m After _____ Hrs. _____ m		H S	Q u	T		
Offset _____ m		(150 mm)		(kPa)	(%)	Offset _____ m		(150 mm)		(kPa)	(%)	
Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	Ground Surface Elev. _____ m		(m)		(mm)	(kPa)	(%)
AUGERED Brown SILTY CLAY LOAM TILL						Very Stiff Gray SILTY CLAY LOAM TILL (continued)						
						4						
						5 316 13.0						
						7 B						
Hard Brown SILTY CLAY LOAM TILL												
6						3						
7 450 13.0						5 269 14.0						
9 B						7 B						
-1.5						-7.5						
3						4						
6 402 15.0						4 383 12.0						
7 B						6 B						
Very Stiff Brown SILTY CLAY LOAM TILL						End of Boring						
4												
8 383 15.0												
9 B												
-3.0						-9.0						
4												
7 556 14.0												
9 B												
Very Stiff Gray SILTY CLAY LOAM TILL												
6												
5 297 13.0												
7 B												
-4.5						-10.5						
3												
4 259 14.0												
7 B												
4												
4 201 14.0												
7 B												
-6.0						-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)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		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**