

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	TOTAL SHEETS
F.A.P. 704	(1)	McLEAN	497	280
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Contract No. 70514

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**SOIL BORING LOG**

Date 10/14/03

ROUTE FAP 704(L-56BL) DESCRIPTION RETAINING WALL #1: STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1) 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. 03 6 PTS. EXTEN. \_\_\_\_\_

Station 601+09

Offset 3.38m LT CL PROP. \_\_\_\_\_

Ground Surface Elev. 247.00 m (m) (mm) (kPa) (%) \_\_\_\_\_

DEPTH (m)	DEPTH (mm)	UCS (kPa)	Failure Mode	SPT (N)	Soil Description	DEPTH (m)	DEPTH (mm)	UCS (kPa)	Failure Mode	SPT (N)	Soil Description
					AUGERED Brown SILTY CLAY LOAM (FILL)	240.90	8	287	B	16.0	Very Stiff Gray & Brown SANDY LOAM, LOAM & SILTY LOAM
						21			P		
246.24					Very Stiff Brown SILTY CLAY LOAM (FILL)	239.99					Hard Gray SANDY CLAY LOAM TILL
						-7.5					
						5					
245.02					Soft Gray SILTY LOAM to SILT	238.92	10	489	S	10.0	End of Boring
						12					
						2					
						2	48	26.0			
						3					
						2	24	28.0			
						4					
						2					
						1	48	28.0			
						3					
242.58					Very Stiff Brown CLAY LOAM TILL	-10.5					
						2					
						4	316	14.0			
						8					
241.82					Very Stiff Gray SILTY LOAM with SILT Ribbons						
						9					
						14	268	18.0			
						15					
						-6.0					

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 T208)  
BBS, from 137 (Rev. 8-99)

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Date 10/14/03

ROUTE FAP 704(L-56BL) DESCRIPTION RETAINING WALL #1: STA 0+549 TO 0+630 LOGGED BY IDOT-LM

SECTION (1) 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. 04 6 PTS. EXTEN. \_\_\_\_\_

Station 624+09

Offset 3.06m LT CL PROP. \_\_\_\_\_

Ground Surface Elev. 248.37 m (m) (mm) (kPa) (%) \_\_\_\_\_

DEPTH (m)	DEPTH (mm)	UCS (kPa)	Failure Mode	SPT (N)	Soil Description	DEPTH (m)	DEPTH (mm)	UCS (kPa)	Failure Mode	SPT (N)	Soil Description
					AUGERED Brown SILTY CLAY LOAM (FILL)	240.90	4	316	B	11.0	Very Stiff Gray SANDY CLAY LOAM TILL (continued)
						5					
						8					
247.61					Hard Brown SILTY CLAY LOAM (FILL)	241.36					Hard Gray SANDY CLAY LOAM TILL
						4	431	17.0			
						6					
247.00					Soft Gray CLAY LOAM	-7.5					
						-1.5					
						3					
						1	29	25.0			
						3					
245.02					Very Stiff Brown-Gray CLAY LOAM	240.29	10	642	B	10.0	End of Boring
						14					
						2					
						5	211	17.0			
						7					
245.32					Very Stiff Brown-Gray SANDY CLAY LOAM TILL	-9.0					
						2					
						6	259	14.0			
						9					
244.71					Hard Brown-Gray SANDY CLAY LOAM TILL						
						4	402	10.0			
						8					
						12					
243.95					Very Stiff Brown SANDY CLAY LOAM TILL	-10.5					
						-4.5					
						4					
						7	364	12.0			
						12					
243.04					Very Stiff Gray SANDY CLAY LOAM TILL						
						4					
						5	259	10.0			
						9					
						-6.0					

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 T208)  
BBS, from 137 (Rev. 8-99)



DESIGNED	JDA
CHECKED	WCT
DRAWN	MAC
CHECKED	WCT

DATE: 05-05-06

SOIL BORINGS 2  
RETAINING WALL ALONG SIX POINTS ROAD  
F.A.P. ROUTE 704 SECTION (1) N&TS-1  
McLEAN COUNTY  
STATION 0+545.000 TO 0+635.000  
STRUCTURE NO. 057-W001