



Illinois Department
of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 3/24/11

ROUTE FAI 55 DESCRIPTION I-55 NB - Approx. .25 Miles West of I-74 at Off Ramp to Exit 157A LOGGED BY CNA

SECTION Sign Structure LOCATION NE, SEC. 19, TWP. 23N, RNG. 2E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 S 057 U055
Station R000.20
71+27

BORING NO. 1 Sign Truss
Station 71+04
Offset 5.0 ft *North of Exist.
Ground Surface Elev. 799.8 ft (ft) (/6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	UCS (tsf)	Failure Mode	SPT (blows)	DEPTH (ft)	UCS (tsf)	Failure Mode	SPT (blows)
Gray to Gray/Black Mixed Silt Clay Loam (Embankment)	3	3.5	S	21	2	1.2	B	29
	6				4			
	7				4			
	-5				-25			
					774.8			
*NOTE: Boring taken 23' East and 5' North of Existing South Foundation. End of Boring								
Brown to Gray Mixed Clay Loam (Embankment)	4	1.5	E	11				
	7				-30			
	7							
	5							
	6	2.3	B	22				
	8				-35			
	7							
	7	3.5	B	26				
Blue/Gray Mottled Clay	8				-40			

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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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Date 3/23/11

ROUTE Veterans Parkway DESCRIPTION Sign Truss- Approx 900' West of Morris Avenue LOGGED BY CNA

SECTION Sign Structure LOCATION NE, SEC. 17, TWP. 23N, RNG. 2E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 5 S 057 U055 L001.7
Station 361+10

BORING NO. 1 Sign Truss
Station 361+27
Offset
Ground Surface Elev. 97.2 ft (ft) (/6") (tsf) (%)

SOIL DESCRIPTION	DEPTH (ft)	UCS (tsf)	Failure Mode	SPT (blows)	DEPTH (ft)	UCS (tsf)	Failure Mode	SPT (blows)
Brown Dirty Gravel (Shoulder Stone)	96.2							
Brown Clay Loam Till	2				2			
	4	1.6	B	15	3	1.2	B	15
	5				3			
	-5				-25			
					72.2			
*NOTE: Elevation Based off an assumed BM Elevation of 100.0' at Top of Existing Left Foundation. Boring taken 17' West and 5' South of Existing Left Foundation. End of Boring								
Gray Clay Loam Till	2							
	3	1.6	B	13				
	4							
	2							
	3	1.0	B	15				
	5				-30			
	2							
	3	1.4	B	14				
	4							
	2							
	3	1.4	B	13				
	4				-35			
	2							
	3	1.6	B	14				
	4							
	2							
	3	1.2	B	13				
	4				-40			

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

FILE NAME =	USER NAME = ceer-look_jd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwwork\pwwork\ceer-look_jd\0266557-0546179-sht-blog.dgn	PLOT SCALE = 40,0000' / 1in.	CHECKED -	REVISED -			•	**	Various	178	96	
PLOT DATE = 10/7/2011	DATE -	REVISED -	SCALE:			SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 46179			
ILLINOIS FED. AID PROJECT											

•VARIOUS COUNTIES
••0-5 OVD SIN STR REPL 2012-06