

SOIL BORING

SN: 6S054I055L132.7



SOIL BORING LOG

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Date 6-1-2012

ROUTE I-55 DESCRIPTION Overhead Sign Structure LOGGED BY BJS
 SECTION D6 Overhead Sign Replace LOCATION North of Litchfield
 COUNTY Montgomery STRUCTURE NO. 6C068I055R056.3 (Exist) X (Prop.)
 BORING NO. 6C068I055R056.3 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic

Station	Offset	Ground Surface Elev. (ft.)	DEPTH (ft.)	BLOWS	UCS (%)	SOIL DESCRIPTION	DEPTH (ft.)	BLOWS	UCS (%)	SOIL DESCRIPTION
Sta. 1853+47.8	125.2 LI	657.66								
			17.5	7		Gray, Dry, Clay Loam/Loam, Sandy, Silty, Trace Gravel	17.5	7		
			21	7.70 S	7.6		21	7.70 S	7.6	
			2.5			Sandy, Silty, Trace Gravel	20	11		
			2			Light Gray mottled Yellow Brown, Silty, Trace Sand, (Glacial Till)	21	10.63 S	7.1	
			3	1.75 P	22.1		34			
			5			Silty, Trace Sand, Black Oxidation	22.5	16		
			1			With Sand	24	4.5+ P	7.8	
			2	0.94 B	25.6		68			
			7.5			Gray, Dry, Clay Loam, Sandy, Silty, with Gravel	25	8		
			2	1.31 B	22.3		20	5.88 S	7.0	
			3				30			
			10			Sandy, with Seam of Clay Loam, Sandy, Silty	27.8	5		
			2	1.30 B	18.8	Gray mottled Greenish Gray, Moist, Clay, Silty, with Sand, Trace Gravel	5	3.68 B	15.8	
			2				8			
			12.5			Yellow Brown mottled Light Gray, Sandy, Silty, with Gravel				
			7			Sandy, Silty, Trace Gravel	627.66	30	4	
			12		10.5	Gray mottled Greenish Gray, Moist, Clay Loam, Sandy, Silty, Trace Gravel	628.66	12	4.21 B	15.3
			15			End of Boring @ 31 Ft.				
			19	8.07 S	8.8	Yellow Brown/Brown mottled Light Gray, Moist, Clay Loam, Sandy, Silty, Trace Gravel, with Sand Seam	32.5			
			25							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer).
 The Standard Penetration Test (SPT) N Value is per (AASHTO T206)

BBS 137 (6/05)

FILE NAME *	USER NAME * posadeads	DESIGNED -	REVISED -
S:\Sign Truss Plan Details\46350\SIGN STRUCTURES\SignRepl.dgn		DRAWN -	REVISED -
PLOT SCALE * 100.0002 ft / in.		CHECKED -	REVISED -
PLOT DATE * Sep-05-2012 07:15:05AM		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG		F.A. SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		VAR DISTRICT 6	VARIOUS	30	30
SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____		ILLINOIS FED. AID PROJECT CONTRACT NO. 46305			