

SOIL BORINGS

SN 6S054I055L126.2



SOIL BORING LOG

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Date 6-4-2012

ROUTE 1-55 DESCRIPTION Overhead Sign Structure LOGGED BY BJS

SECTION D6 Overhead Sign Replace LOCATION 1/4 Mile North of Exit 126 on I-55 S.B.

COUNTY Logan STRUCTURE NO. 6S054I055L126.2 (Exist) X (Prop.)

BORING NO. 6S054I055L126.2 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic

Station Sta. 365+40.5
 Offset 103.311
 Ground Surface Elev. 662.66 (ft.)

SOIL DESCRIPTION	(ft.)	(ft.)	#	(#)	(%)	SOIL DESCRIPTION	(ft.)	(ft.)	#	(#)	(%)
Asphalt (12')						Silty, Trace Organics	17.5	0			
Fill: Gray, Moist, Clay, Silty, with Gravel	661.66						1	1.14	B		28.0
		2.5					3				
Fill: Gray mottled Medium Gray, Moist, Clay, Sandy, Silty, Trace Gravel			2			Gray, Wet, Sand, with Gravel, Clayey, with Clay Seam, Fine to Coarse	20	1			28.6
			3	1.78	B		1				
			5		18.8						
Fill: Gray, Moist, Clay, Sandy, Silty, Trace Gravel, over Yellow Brown mottled Gray, Moist, Sandy Loam, Trace Gravel			4			Light Brown, with Gravel, Clayey, Fine to Coarse	22.5	2			13.4
			8	1.56	B		2				
			12		11.5		5				
Fill: Gray mottled Yellow Brown, Moist, Clay, and Clay, Sandy, Silty, Trace Gravel, over Yellow Brown, Moist, Sand, Gravelly, Silty	7.5		2			Yellow Brown, with Gravel, Clayey, Fine to Coarse	25	5			13.6
			7	3.03	B		5				
			24		12.1		7				
Fill: Yellow Brown, Dry, Sand, with Gravel, Silty		10	5			Trace Gravel, Fine to Medium	27.5	5			17.7
			12		8.1		7				
			11				10				
Fill: Gray, Moist, Clay	550.08	12.5	2			Fine to Medium	30	4			10.7
Gray mottled Yellow Brown, Moist, Clay, Silty, with Sand, Trace Organics (Alluvium)			4	2.87	B		8				
			9		20.2		12				
Gray, Silty, Trace Sand, with Organics		15	2			Fine to Coarse	32.5	5			24.0
			3	2.28	B		8				
			6		31.2		9				
						End of Boring @ 33 1/2 Ft.	629.06				

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)

BSS 137 (1/02)

FILE NAME: E:\Sign Trace Plan Details\46226\46226.dgn	USER NAME: rnzepd	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN: -	REVISED: -		SCALE: _____	SHEET NO. _____ OF _____ SHEETS	STA. _____ TO STA. _____	D-6_DVD\SIN\SIBREPL12-23	VARIOUS	30	31
		CHECKED: -	REVISED: -					CONTRACT NO. 46226		ILLINOIS FED. AID PROJECT	
		DATE: -	REVISED: -								