SOIL BORINGS

SN 6C054I055R132.2

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 6-5-2012

ROUTE I-55 DESCRIPTION Overhead Sign Structure LOGGED BY BJS

SECTION D6 Overhead Sign Replace LOCATION Exit 133 on N.B. I-55

COUNTY Logan STRUCTURE NO. 6C054I055R132.2 (Exist) X (Prop.)

BORING NO. 6C054I055R132.2 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic

Station Sta. 704+07.0
Offset 61.0 Rt
Ground Surface Elev. 628.13 (ft.)

Surface Water Elev. n/a (ft.)
Groundwater Elev.
First Encounter Dry (ft.)
Upon Completion Dry (ft.)
After 48 Hrs. Dry (ft.)

SOIL DESCRIPTION	ELEV (ft.)	DEPTH (ft.)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Asphalt (12")	627.13				
Fill: Brown, Moist, Sandy Loam, with Gravel					
Fill: Light Brown, Moist, Clay, Silty		2.5			
Fill: Grayish Brown, Moist, Clay, Silty, with Sand, Trace Gravel		3			
		5	2.75 P		
Fill: Grayish Brown mottled Gray, Moist, Clay, Silty, Sandy, with Gravel		5	6		
			2		
			4	3.5 P	
			5		
Fill: Brown mottled Gray, Moist, Clay, Silty, Trace Sand and Yellow Brown, Dry, Silt, with Gravel		7.5	1		
			2	4.0 P	
			5		
Fill: Brown mottled Gray mottled Yellow Brown, Moist, Clay, Silty, Trace Sand with Silt Lenses		10	3		
			5	2.80 B	
			6		
Fill: Gray mottled Brown/Yellow Brown, Moist, Clay, Silty, Trace Sand and Gravel		12.5	3		
			5	3.42 B	
			7		
Fill: Brown mottled Gray/Yellow Brown, Moist, Silty Clay, with Clay Seams		15	2		
			4	1.51 B	
			6		
Fill: Brown mottled Gray, Moist, Clay Loam, Sandy, Silty, with Seam of Clay, Silty		17.5	3		
			6	3.52 B	
			7		
Fill: Gray mottled Brown, Moist, Clay, Silty, with Seam of Clay, Trace Sand		20	3		
			6	5.15 B	
			9		
Fill: Brown mottled Yellow Brown/Gray, Moist, Clay, Silty, with Seams of Silty Clay		22.5	2		
			5	2.53 B	
			6		
Fill: Brown mottled Gray/Yellow Brown, Moist, Clay, Silty and Silty Clay, Trace Organics		25	4		
			8	2.87 B	
			13		
Fill: Yellow Brown/Light Brown mottled Gray, Clay, Silty and Seams of Silty Clay, Moist		27.5	2		
			7	2.36 B	
			11		
	598.63				
Grayish Brown mottled Gray, Moist, Clay, Silty, Trace Organics, (Loess)		30	1		
			4	2.82 B	
	597.13		6		
End of Boring @ 31 Ft.		32.5			

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 (9/05)

SN 6C068S016L00.87

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 5-31-2012

ROUTE I-55/IL 16 DESCRIPTION Overhead Sign Structure LOGGED BY BJS

SECTION D6 Overhead Sign Replace LOCATION Entrance Ramp on Overhead W.B. (IL16) for S.B. I-55

COUNTY Montgomery STRUCTURE NO. 6C068S016L00.87 (Exist) X (Prop.)

BORING NO. 6C068S016L00.87 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic

Station Sta. 187+26.9
Offset 199.3 Rt
Ground Surface Elev. 702.34 (ft.)

Surface Water Elev. n/a (ft.)
Groundwater Elev.
First Encounter Dry (ft.)
Upon Completion Dry (ft.)
After 24 Hrs. Dry (ft.)

SOIL DESCRIPTION	ELEV (ft.)	DEPTH (ft.)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Fill: Brown, Moist, Gravelly Clay Loam					
Fill: Light Grey/Gray, Moist, Clay Loam, Sandy, Silty, with Gravel		2.5			
Fill: Gray, Moist, Clay Loam, Sandy, Silty, with Gravel and Seams of Clay, Sandy, Silty		5	3		
			6	4.5+ P	11.4
			5		
Fill: Gray, Moist, Clay Loam, Sandy, Silty, with Gravel and Seam of Loam, with Gravel			3		
			6	4.5+ P	9.2
			8		
Fill: Gray, Moist, Clay Loam, Sandy, Silty, Trace Gravel and Wood		7.6	2		
			4	2.23 S	15.6
			6		
Fill: Grayish Brown, Moist, Loam, Sandy, Silty, with Gravel		10	4		
			7	2.0 P	8.9
			6		
Fill: Reddish Brown mottled Gray, Moist, Clay Loam, Sandy, Silty		12.5	2		
			5	1.92 B	12.9
			11		
Fill: Reddish Brown, Moist, Sandy Clay Loam, Silty, Trace Gravel		15	3		
			5	2.0 P	13.2
			8		
Fill: Reddish Brown, Moist, Sandy Clay, Silty, Trace Gravel		17.5	2		
			5	2.69 B	12.9
			8		
Fill: Reddish Brown, Moist, Sandy Clay Loam, with Seams of Clay Loam, Sandy, Silty, Trace Gravel		20	3		
			4	1.84 B	13.6
			6		
Fill: Reddish Brown, Moist, Sandy Clay Loam, and Clay Loam, Sandy, Silty, with Seam of Gray, Clay, with Sand		22.6	3		
			5	3.66 B	15.9
			8		
Fill: Reddish Brown, Moist, Sandy Clay, over Brown, Clay Loam, Moist		25	3		
			7	3.42 B	10.8
			10		
	675.34				
Gray mottled Yellow Brown, Moist, Clay, Silty, Trace Sand		27.5	2		
			4	2.18 B	30.7
			6		
Light Gray mottled Yellow Brown, Silty, Trace Sand		30	2		
			3	1.76 B	22.0
	671.34		4		
End of Boring @ 31 Ft.		32.5			

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 (9/05)

FILE NAME = S:\Sign Truss Plan Details\46226\46226sgnRepl.dgn	USER NAME = mcnegd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 0.1052 ft / in.	DRAWN -	REVISED -			.XAB	D-6 OVDS\SSIB\BEEL12-23	VARIOUS	32	29
	PLOT DATE = Aug-07-2012 @ 3:19:22PM	CHECKED -	REVISED -					CONTRACT NO. 46226		
		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		