

SOIL BORING

SN: 6C068I055L065.5

SN: 6S054I055R124.7



SOIL BORING LOG

Page 1 of 1

Date 5-30-2012

ROUTE I-55 DESCRIPTION Overhead Sign Structure LOGGED BY BJS
 SECTION D6 Overhead Sign Replace LOCATION Coalfield Rest Area in S.B. I-55
 COUNTY Montgomery STRUCTURE NO. 6C068I055R065.5 (Exist) (Prop.)

BORING NO. 6C068I055R065.5 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic
 Station Sta. 1370+00.0
 Offset 118.3 Rt
 Ground Surface Elev. 637.85 (ft.)

SOIL DESCRIPTION	(ft.)	(ft.)	#"	(tsf)	(%)	SOIL DESCRIPTION	(ft.)	(ft.)	#"	(tsf)	(%)
Topsoil (6")	637.35					Gray, Dry, Clay Loam, Sandy, Silty, Trace Gravel	629.85	17.5	9		
Light Brown, Moist, Clay, Silty								17	8.60	17.5	
								21	S		
	2.5					Gray, Moist, Silt	618.35	20	8		
Yellow Brown mottled Light Gray, Silty, Trace Sand, (Glacial Till)		2				Gray, Moist, Clay, Silty	617.35	9	6.88	13.4	
		2	1.25	26.4				13	B		
Silty, with Sand		5	3			Greenish Gray mottled Brown, Moist, Clay Loam, Sandy, Silty	615.85	22.5	3		
		2	0.5	28.8				7	6.07	16.0	
Sandy, Silty		3	P					10	B		
	7.5	2				Brown mottled Grayish Brown, Moist, Loam, Sandy, Silty, Trace Gravel, with Seam of Sand, Clayey	613.35	25	6		
Yellow Brown mottled Light Gray, Moist, Clay Loam, Trace Gravel	629.85		2	1.22	28.7			22	7.32	16.8	
		3	B					24	B		
Wet, Sandy, Silty, Trace Gravel		10	2			Light Brown mottled Gray/Brown/Light Gray, Moist, Loam, Sandy, Silty, with Gravel	610.85	27.5	3		
		2	0.0	21.6				12	10.06	19.6	
		5	P			Light Brown mottled Gray, Moist, Clay Loam, Sandy, Silty	609.85	17	10.06	B	19.6
Brown/Yellow Brown mottled Gray, Moist/Dry, Sandy, Silty		12.5	10			Yellow Brown/Brown mottled Gray, Moist, Clay Loam, Sandy, Silty, Trace Gravel		30	6		
		18	13.37	9.5				14	10.20	B	7.1
		19	S					21	B		
	623.35					End of Boring @ 31 Ft.	606.85				
Gray/Light Gray, Dry, Silty Loam, Sandy, Trace Gravel		15	8								
		16	4.5+	18.9				32.5			
		18	P								

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 (8/05)



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 1 Mile South of Exit 128 on I-55 N.B.
 COUNTY Logan STRUCTURE NO. 6S054I055R124.7 (Exist) (Prop.)

BORING NO. 6S054I055R124.7 DRILLING METHOD 3 1/4" HSA HAMMER TYPE 140 LB Automatic
 Station Sta. 285+06.6
 Offset 83.4 Rt
 Ground Surface Elev. 586.87 (ft.)

SOIL DESCRIPTION	(ft.)	(ft.)	#"	(tsf)	(%)	SOIL DESCRIPTION	(ft.)	(ft.)	#"	(tsf)	(%)
Topsoil (6")	586.47					Medium Gray, Moist/Wet, Sandy, Silty, Trace Gravel	17.5	3			
Yellow Brown, Moist, Silt								6	6.32	10.5	
								12	B		
	2.5					Moist, Sandy, Silty, Trace Gravel		20	9		
Light Brown, Dry, (Loess)		8						18	8.82	9.1	
		7	4.5+	20.8				20	S		
		5	P			Gray, Sandy, Silty, with Gravel		22.5	9		
Light Brown mottled Yellow Brown, Moist		2	0.54	33.3				20	4.5+	8.6	
		2	B					22	P		
Brown, Trace Sand		7.5	1								
		3	1.90	42.1		Sandy, Silty, with Gravel		25	8		
		3	S					21	11.15	8.1	
		27	S								
Trace Sand		10	1								
		3	1.71	47.2		Gray, Dry, Clay Loam/Loam, Sandy, Silty, with Gravel	559.97	27.5	15		
		3	S					22	4.5+	8.3	
		28	P								
Trace Sand		12.5	1								
		2	0.57	28.0		Sandy, Silty, with Gravel		30	12		
Greenish Gray, Moist, Clay, Silty, Trace Sand (Glacial Till)	573.97		2	B				27	10.97	8.2	
								30	S		
						End of Boring @ 31 Ft.	555.97				
Sandy, Silty		15	1								
		2	0.90	18.6							
		3	B					32.5			
Greenish Gray, Moist, Clay Loam, Sandy, Silty, with Seam of Sandy Clay Loam, Wet	671.47										

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 (8/05)

FILE NAME *	USER NAME * posedada	DESIGNED -	REVISED -
S:\Sign Truss Plan Details\46358\SIGN STRUCTURES\SignRepl.dgn		DRAWN -	REVISED -
Default		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SOIL BORING LOG

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	DISTRICT 6	VARIOUS	30	27
CONTRACT NO. 46305			ILLINOIS FED. AID PROJECT	