

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 31 32 SHEETS
FAI-55	**	WILL	505	372	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

\*\* SECTION 2006-032 BY  
CONTRACT NO. 60B86

BORING-BR-15

BORING-BR-16

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-15						
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 711+55						
LOCATION: I-55 Bridges over Material Service RR (Abandoned)		OFFSET: 5' Lt						
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 638.9						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/10'	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	638.1	FILL: Dark Br Organic Clay A-7-6		Auger			21
	1.0-2.5	635.0	FILL: Br Clay A-6	8	11 7-8	(2.5)		19
	3.5-5.0		Bottom N. Abut. Pile Cap = Elev. 634.4	14	3 5-7	1.9	15	26
	6.0-7.5		FILL: Br & Gr Clay A-7-6	18	4 5-6	(2.3)		26
	8.5-10.0			15	3 6-8	3.5	15	29
	11.0-12.5	625.9		18	4 6-9	3.4	15	24
	13.5-15.0	622.8	FILL: Br Clay Loam A-6	13	6 7-16	3.0	15	14
	16.0-17.5		FILL: Br Sandy Loam A-4	16	10 13-11	(3.5)		13
	18.5-20.0	617.8		4	8 9-13	(3.5)		17
	21.0-22.5	615.6	Black Organic Clay A-7-6	18	7 10-13	3.5	15	24
	23.5-25.0		Medium Dense Br Sandy Loam A-2-4	16	6 7-9			14
	26.0-27.5	610.5		18	8 8-12			6
	28.5-30.0		Dense to Very Dense Br Sand A-1-b	16	21 24-25			3
	31.0-32.5	605.7		13	20 26-30			5
	33.5-35.0			14	17 7-9			8
	36.0-37.5		Medium Dense to Dense Br Sand A-1-a	16	10 15-18			6
	38.5-40.0	508.0		18	9 14-16			15
Boring terminated at 40'								
REMARKS Automatic Hammer Used.			() Denotes Calibrated Penetrometer Estimate					
WATER	33 FT. ELEV.	605.9	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Feb 22, 06
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Juarez
WATER	31.5 FT. ELEV.	607.4	AFTER 1/4 HRS.	∇	CASING DIAMETER	IN.	INSPECTOR:	Allemana

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-16						
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 709+30						
LOCATION: I-55 Bridges over Material Service RR (Abandoned)		OFFSET: 115' Lt						
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 618.1						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/10'	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	617.1	2" Root Zone material		Auger			9
	1.0-2.5	615.1	Br Sand A-1-a	14	5 10-16		3.8	15
	3.5-5.0		Very Stiff Br Clay A-6	8	7 9-11		3.3	16
	6.0-7.5	612.6		13	3 8-18	(2.3)		24
	8.5-10.0	609.7	Very Stiff Br & Gr to Gr Clay A-6	12	11 21-27			7
	11.0-12.5			14	13 15-15			6
	13.5-15.0		Dense to Medium Dense Br Sand A-1-a	8	6 7-16			19
	16.0-17.5	599.8		13	6 12-15			17
	18.5-20.0	617.8		10	4 3-16			19
	21.0-22.5	615.6	Medium Dense to Dense Gr Silt A-4	12	11 13-19			19
	23.5-25.0	594.9		14	4 7-6	(1.8)		13
	26.0-27.5	601.8	Stiff Gr Clay Loam A-6	18	5 6-9			18
	28.5-30.0	589.7	Medium Dense Gr Silt A-4	13	8 13-13	(4.5)		11
	31.0-31.9	587.3	Hard Gr Loam A-4	6	13-50/4"			11
		584.5	Extremely Dense Gr Sand A-1-a					
		583.0	Apparent Dolomite bedrock					
Auger refusal on apparent bedrock at 35.1'								
REMARKS Automatic Hammer Used.			() Denotes Calibrated Penetrometer Estimate					
WATER	15.0 FT. ELEV.	603.1	DURING DRILLING	∇	CORE SIZE	IN.	DATE:	Jan 12, 06
WATER	FT. ELEV.		AT COMPLETION	∇	CASING LENGTH	FT.	DRILLER:	Juarez
WATER	15.1 FT. ELEV.	603.0	AFTER 96 HRS.	∇	CASING DIAMETER	IN.	INSPECTOR:	Allemana

DESIGNED	S.CHELBIAN
CHECKED	J.GRAINAWI
DRAWN	D.C.PATEL
CHECKED	J.GRAINAWI

Date: 6/30/2006

BORING LOGS II  
I-55 OVER MS (ABANDONED) R.R.  
FAI ROUTE 55-SEC. 2006-032 BY  
WILL COUNTY  
STA. 710+34.86  
STRUCTURE NO. 099-0022 (NB)  
STRUCTURE NO. 099-0023 (SB)



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