

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	**	WILL	505	41
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	44 SHEETS	

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

BORING-BR-7

BLOOM CONSULTANTS, LLC		CHICAGO, ILLINOIS						
BORING LOG								
JOB NO: BM3-1148	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: BR-7	STATION: 609+75					
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	LOCATION: I-55 Bridges over E. J. & E. Railroad	OFFSET: 85' Lt	SURF ELEV: 609.7					
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers								
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	608.9	FILL: Black Organic Clay A-7-6		Auger 2			34
	1.0-2.5		FILL: Dark Gr Clay A-7-6; Organic matter noted	14	3-3	1.9	15	33
		606.3	Bottom of Pier 2 Pile Cap = Elev. 606.4					
	3.5-5.0		Stiff Br Sandy Loam A-4	15	2-2	(1.5)		19
		603.8			2			
	6.0-7.5		Stiff Br Clay A-6	16	3-4	(1.5)		17
		601.7			2			
10	8.5-10.0		Very Stiff to Stiff Gr Clay Loam A-6	14	3-5	(2.5)		14
					2			
	11.0-12.5			15	3-4	(1.8)		15
		596.4			4			
	13.5-15.0		Medium Dense Gr Sandy Loam A-2-4	12	8-10			13
					3			
	16.0-17.5			15	5-5			16
		591.3			19			
20	18.5-20.0		Very Dense to Extremely Dense Gr Sand A-1-a; random Cobbles noted	11	21-30			10
					20			
	21.0-22.3			8	21-50/3"			10
	23.5-23.8			2	50/3"			9
		583.9						
		582.5	Apparent Dolomite bedrock					
Auger refusal on apparent bedrock at 27.2'								
REMARKS Automatic Hammer Used.				() Denotes Calibrated Penetrometer Estimate				
WATER 14 FT. ELEV. 595.7 DURING DRILLING				CORE SIZE IN. DATE: Jan 26, 06				
WATER FT. ELEV. AT COMPLETION				CASING LENGTH FT. DRILLER: Juarez				
WATER 13.5 FT. ELEV. 596.2 AFTER 14 HRS.				CASING DIAMETER IN. INSPECTOR: Allemana				

BORING-BR-8

BLOOM CONSULTANTS, LLC		CHICAGO, ILLINOIS						
BORING LOG								
JOB NO: BM3-1148	CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO: BR-8	STATION: 610+30					
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL	LOCATION: I-55 Bridges over E. J. & E. Railroad	OFFSET: 90' Lt	SURF ELEV: 609.8					
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers								
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0				Auger 2			28
	1.0-2.5		Black Organic Clay A-7-6	16	3-3	4.7	15	23
		606.4			2			
	3.5-5.0		Hard Br Clay A-6	18	6-9	(4.5+)		14
		603.9			3			
	6.0-7.5		Stiff to Very Stiff Br Clay A-6	15	4-7	1.7	15	18
					3			
10	8.5-10.0			16	4-4	2.2	15	17
		599.0			2			
	11.0-12.5		Stiff Gr Clay Loam A-6	14	3-4	1.6	15	14
		596.4			2			
	13.5-15.0		Medium Dense Br Sandy Loam A-2-4	18	4-6			13
		593.6			2			
	16.0-17.5		Very Stiff Gr Clay A-6	18	3-5	2.3	15	18
		591.4			16			
20	18.5-20.0		Very Dense to Extremely Dense Gr Sand A-1-a; random Cobbles noted	14	28-22			9
					7	18-50/3"		9
	21.0-21.8							
	23.5-24.3			8	48-50/4"			9
	26.0-26.3			2	50/4"			4
		582.9						
		581.7	Apparent Dolomite bedrock					
Auger refusal on apparent bedrock at 28.1'								
REMARKS Automatic Hammer Used.				() Denotes Calibrated Penetrometer Estimate				
WATER 15.0 FT. ELEV. 594.8 DURING DRILLING				CORE SIZE IN. DATE: Jan 26, 06				
WATER FT. ELEV. AT COMPLETION				CASING LENGTH FT. DRILLER: Juarez				
WATER Caved @ 8.5 FT. ELEV. 601.3 AFTER 1/4 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 III
I-55 OVER E.J. & E. R.R.
FAI ROUTE 55-SEC. 2006-032 BY
WILL COUNTY
STA. 609+29.37
STRUCTURE NO. 099-0018 (NB)
STRUCTURE NO. 099-0019 (SB)

