

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	**	WILL	505	337
44 SHEETS				

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

BORING-BR-4

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS			
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-4		STATION: 611+30			
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 611+30		OFFSET: Centerline			
LOCATION: I-55 Bridges over E. J. & E. Railroad		BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 638.7			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	WATER CONTENT %	STRAIN %
0.0-1.0	638.2	637.2	FILL: Black Organic Clay A-7-6	Auger	6	2.0	15
1.0-2.5	637.2		FILL: Br Sand A-1-a	14	6-8		25
3.5-5.0		633.2	FILL: Dark Gr Clay A-7-6	16	3	(2.3)	23
6.0-7.6			Bottom of N. Abut. Pile Cap = Elev. 631.6	18	4-4	4.0	15
8.5-10.0		628.2	FILL: Br Clay A-6	16	3	3.4	15
11.0-12.5		625.7	FILL: Br Clay Loam A-6	13	6-7	2.6	15
13.5-15.0				18	6-10	2.4	15
16.0-17.5			FILL: Br & Gr Clay A-6	18	9-11	3.4	15
18.5-20.0		616.2		16	7	5.2	15
21.0-22.5		616.7	Hard Br Clay A-7-6	14	9-11	4.5	15
23.5-25.0		613.2	Very Stiff Br Clay Loam A-6	16	11-12	3.8	15
26.0-27.5			Very Stiff Dark Gr to Br Clay A-7-6; Organic matter noted @ 26' - 27.5'	14	10-13	2.9	15
28.5-30.0		608.2		16	4-7	2.1	15
31.0-32.5				18	6-8	4.3	15
33.5-35.0			Hard to Very Stiff Br to Gr Clay A-6	15	6-8	4.1	15
36.0-37.5				18	5-6	4.5	15
38.5-40.0		598.2		17	5-8	3.9	15
41.0-42.5		595.7	Very Stiff Gr Clay Loam A-6	19	7-8	3.4	15
43.5-45.0				14	15-18		8
46.0-46.4			Dense Gr Sand A-1-a - Cobble noted @ 46.3'	4	50/6"		9
48.5-50.0		588.7		11	7-11		8
Boring terminated at 50'							
REMARKS Automatic Hammer Used. NOTE: Boring moved 50' N due to overhead power lines. () Denotes Calibrated Penetrometer Estimate							
WATER	Dry FT. ELEV.	DURING DRILLING	CORE SIZE	IN. DATE:	Feb 6, 06		
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT. DRILLER:	Juarez		
WATER	Dry FT. ELEV.	AFTER 1/4 HRS.	CASING DIAMETER	IN. INSPECTOR:	Allemana		

BORING-BR-5

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS			
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-5		STATION: 608+30			
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 608+30		OFFSET: 85' Lt			
LOCATION: I-55 Bridges over E. J. & E. Railroad		BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 611.0			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	WATER CONTENT %	STRAIN %
0.0-1.0		610.3	FILL: Dark Gr Organic Clay A-7-6	Auger	5	9-9	4.7
1.0-2.5		607.6	FILL: Dark Gr Clay A-7-6; Organic matter noted	14	9-9	4.7	15
3.5-5.0		605.5	Medium Stiff Br Clay A-7-6	13	3-3	(0.5)	35
6.0-7.6		602.7	Medium Stiff Br Clay Loam A-6	18	2-3	(0.5)	16
8.5-10.0			Very Stiff Br Clay A-6	16	4-7	2.0	15
11.0-12.5		598.0		16	3-7	2.3	15
13.5-15.0		595.1	Very Stiff Br & Gr to Gr Clay Loam A-6	14	9-13	3.5	15
16.0-17.5		592.6	Medium Dense Gr Silty Loam A-4	18	9-9		19
18.5-20.0			Very Stiff Gr Loam A-6	13	10-16	3.0	15
21.0-21.4		589.4	- Coarse Gravel or Cobble noted @ 21.3'	5	50/5"	(3.3)	11
		587.9	Apparent Dolomite bedrock				
Auger refusal on apparent bedrock at 23.1'							
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate							
WATER	16.0 FT. ELEV.	595.0	DURING DRILLING	CORE SIZE	IN. DATE:	Jan 25, 06	
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT. DRILLER:	Juarez		
WATER	Caved @ 17.0 FT. ELEV.	594.0	AFTER 24 HRS.	CASING DIAMETER	IN. INSPECTOR:	Allemana	

BORING-BR-6

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS			
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-6		STATION: 609+15			
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 609+15		OFFSET: 80' Lt			
LOCATION: I-55 Bridges over E. J. & E. Railroad		BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 611.0			
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	WATER CONTENT %	STRAIN %
0.0-1.0		610.4	Black Organic Clay A-7-6	Auger	3		22
1.0-2.5			Stiff to Very Stiff Br Clay A-7-6	16	5-5	1.7	15
3.5-5.0		605.5	Bottom of Pier 1 Pile Cap = Elev. 605.5	15	3-4	2.1	15
6.0-7.6		602.8	Very Stiff Br to Gr Clay A-6	16	4-5	2.2	15
8.5-10.0		600.5	Very Stiff Gr Clay Loam A-6	16	7-7	2.2	15
11.0-12.5				14	5-9	(2.5)	15
13.5-15.0			Very Stiff Gr Clay A-6	16	6-6	3.7	15
16.0-17.5				15	5-6	3.1	15
18.5-20.0		590.1		18	7-7	3.2	15
21.0-22.5			Dense Gr to Br Sand A-1-a	13	17-17		7
23.5-25.0		585.2		14	20-20		10
26.0-27.5				16	20-16		21
28.5-30.0			Dense to Very Dense Gr Silt A-4; Gravel seams and occasional Cobbles noted	12	19-29-30		24
31.0-32.3		578.0	- Coarse Gravel or Cobble noted @ 32.2'	11	29-50/3"		21
33.5-33.9				4	50/6"		13
			Extremely Dense Br Sand A-1-a; Cobbles noted				
38.5-39.0		572.0		4	50/6"		14
Boring terminated at 39'							
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate							
WATER	21.0 FT. ELEV.	590.0	DURING DRILLING	CORE SIZE	IN. DATE:	Jan 25, 06	
WATER	FT. ELEV.	AT COMPLETION	CASING LENGTH	FT. DRILLER:	Juarez		
WATER	20.3 FT. ELEV.	590.7	AFTER 24 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 EJ&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)



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