

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 30 32 SHEETS
FAI-55	**	WILL	505	371	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

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

BORING-BR-12

BORING-BR-13

BORING-BR-14

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-12						
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 708+40						
LOCATION: I-55 Bridges over Material Service RR (Abandoned)		OFFSET: Centerline						
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 637.6						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0	697.1	FILL: Dark Br Clay A-6; Organic matter noted		Auger			14
	1.0-2.5	634.6	FILL: Br Clay A-7-6; Organic matter noted	14	5-3	1.7	15	30
			Bottom S. Abut. Pile Cap = Elev. 634.2		6		(1.5)	11
	3.5-5.0		FILL: Br & Gr Clay Loam A-6	18	6-8			
	6.0-7.5	628.2		18	9-8	5.8	15	15
	8.5-10.0	626.7	FILL: Gr Clay A-7-6	16	6-6	2.0	15	27
	11.0-12.5	624.6	FILL: Gr Sandy Loam A-1-b	13	9-6			14
	13.5-15.0		FILL: Br & Gr Clay A-7-6	15	7-10	2.2	15	23
	16.0-17.5	620.6		14	11-22			8
	18.5-20.0	616.8	FILL: Br Sand A-1-a	16	9-12			6
	21.0-22.5		Black Organic Clay A-7-6	18	10-11	4.0	15	25
	23.5-25.0	613.6		18	7-9			17
	26.0-27.5	609.2	Medium Dense Br Sandy Loam A-2-4	18	10-11			12
	28.5-30.0			13	22-28			8
	31.0-32.5		Very Dense to Dense Br Sand A-1-a; Occasional Cobbles noted	15	21-22			5
	33.5-35.0	601.7		5	14-24			10
	36.0-37.5	599.2	Hard Gr Clay A-6	12	8-10	6.0	15	16
	38.5-40.0	597.6	Medium Dense Br Sand A-1-a	13	17-17			7
Boring terminated at 40'								
REMARKS Automatic Hammer Used. NOTE: Boring moved 60' S of original location due to overhead power lines. () Denotes Calibrated Penetrometer Estimate								
WATER 12 FT. ELEV. 625.6 DURING DRILLING		CORE SIZE		IN. DATE: Feb 22, 06				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Juarez				
WATER 22 FT. ELEV. 615.6 AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Allemanna				

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-13						
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 710+10						
LOCATION: I-55 Bridges over Material Service RR (Abandoned)		OFFSET: Centerline						
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 620.3						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0		2" Root Zone Material		Auger			9
	1.0-2.5	616.9	Medium Dense Br Sand A-1-a	8	9-11			13
	3.5-5.0			10	6-8 (2.3)			27
	6.0-7.5		Very Stiff to Stiff Dark Br to Br Clay A-6; trace Organic matter noted to 4'	12	3-5 (2.5)			20
	8.5-10.0	609.5		14	5-5 1.9	15		19
	11.0-12.5		Bottom Footing (SB Bridge) = Elev. 609.5 Bottom Footing (NB Bridge) = Elev. 608.6	15	15-16			7
	13.5-15.0		Dense to Medium Dense Br Sand A-1-b	11	13-12			5
	16.0-17.5	604.4		14	7			10
	18.5-20.0		Medium Dense Br Sand A-1-a	14	5-10			15
	21.0-22.5	599.2		16	4			17
	23.5-25.0	597.9	Dense Br Sand A-1-b	16	13-22			17
	26.0-27.5	594.4	Stiff Gr Clay A-6	14	6-16 1.9	15		20
	28.5-30.0	591.7	Medium Dense Gr Sand A-1-a	16	9-6			10
	31.0-32.5		Medium Dense Gr Silt A-4	13	12-11			17
	33.5-33.6	589.9		14	9-9			17
		584.2	Extremely Dense Gr Sand A-1-a	1	50/1"			17
		582.1	Apparent Dolomite bedrock					
Auger refusal on apparent bedrock at 38.2'								
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate								
WATER 17.5 FT. ELEV. 602.8 DURING DRILLING		CORE SIZE		IN. DATE: Jan 16, 06				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Juarez				
WATER Caved @ 13.8 FT. ELEV. 606.5 AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Allemanna				

BLOOM CONSULTANTS, LLC		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: BM3-1148 CLIENT: ILLINOIS DEPARTMENT OF TRANSPORTATION		BORING NO: BR-14						
PROJECT: I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL		STATION: 710+60						
LOCATION: I-55 Bridges over Material Service RR (Abandoned)		OFFSET: Centerline						
BORING RIG & METHOD: Diedrich D-50 (ATV) w/Hollow Stem Augers		SURF ELEV: 620.7						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q _u	STRAIN %	WATER CONTENT %
	0.0-1.0		2" Root Zone Material		Auger			5
	1.0-2.5	617.4	Medium Dense Br Sand A-1-a	12	7-10			12
	3.5-5.0	615.2	Very Stiff Dark Br to Br Clay A-6	14	5-7 (2.3)			23
	6.0-7.5	612.7	Stiff Br Clay A-7-6	8	5-7 (1.5)			31
	8.5-10.0	609.8	Bottom Footing (NB Bridge) = Elev. 611.9 Stiff Br to Gr Clay A-6 Bottom Footing (SB Bridge) = Elev. 610.4	18	4-7 1.4	15		23
	11.0-12.5	607.3	Very Dense Br Sand A-1-a	10	13-38			7
	13.5-15.0	604.8	Very Stiff Gr Clay A-6	14	11-13 3.8	16		17
	16.0-17.5			16	14-15			9
	18.5-20.0	599.6	Dense to Medium Dense Br Sand A-1-a	14	5			19
	21.0-22.5	597.3	Dense Br Sand A-1-a	13	5			11
	23.5-25.0	595.7	Dense Br Sand A-1-b	12	63			22
Boring terminated at 25'								
REMARKS Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate								
WATER 16.5 FT. ELEV. 604.2 DURING DRILLING		CORE SIZE		IN. DATE: Jan 16, 06				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Juarez				
WATER Caved @ 10.5 FT. ELEV. 610.2 AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Allemanna				

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

Date: 6/30/2006

BORING LOGS I
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)

