

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-10</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>627+58</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>50.3'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>607.2</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	605.9	FILL: Sand A-1-a		Auger			
	1.0-2.5	604.2	FILL: Br Loam A-4	12	5 8-8	6.0	15	14
	3.5-5.0		FILL: Br Clay A-6	10	3 5-7	4.5	15	20
	8.0-7.5	599.2		12	2 3-5	2.4	15	19
	8.5-10.0	598.2	FILL: Br to Gr Sand A-3	10	5 7-9			20
	11.0-12.5	595.0	FILL: Br to Black Silty Clay A-7-6, trace pieces of wood	10	5 7-10			18
	13.5-15.0			8	5 7-9			15
	18.5-20.0		Medium Dense Br Sand A-3, trace Gravel	8	4 6-7			16
	23.5-25.0	582.2		8	20 14-7			12
	27.5-27.6	579.6	Very Dense Br Sand A-3, trace Gravel Auger Refusal @ 27.6'	1/2"	50/0.5'			11
<b>REMARKS</b> Automatic Hammer Used. * Water introduced into borehole below 15' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate								
WATER 14 FT. ELEV. 593.2 DURING DRILLING		CORE SIZE		IN. DATE: Oct 22, 08				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon				
WATER * FT. ELEV. AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Kuzel				

BLOOM COMPANIES, LLC.		BORING LOG		CHICAGO, ILLINOIS				
JOB NO: <b>BM3-1148</b> CLIENT: <b>ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		BORING NO: <b>NW-11</b>						
PROJECT: <b>I-55 Improvements - U.S. Route 30 to Weber Road - Will County, IL</b>		STATION: <b>629+43</b>						
LOCATION: <b>Noise Wall No.7</b>		OFFSET: <b>48.8'</b>						
BORING RIG & METHOD: <b>Diedrich D-50 w/Hollow Stem Augers</b>		SURF ELEV: <b>606.0</b>						
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/6"	q <sub>u</sub>	STRAIN %	WATER CONTENT %
	0.0-1.0	604.5	18" Bituminous Concrete		Auger			
	1.0-2.5			12	90 41-7			20
	3.5-5.0		FILL: Gr Silty Clay A-7-6	13	3 5-6	3.3	20	31
	6.0-7.5			15	2 5-16	(3.0)		21
	8.5-10.0	597.0	FILL: Black Silty Clay A-7-6, trace Organic matter noted	13	2 2-8	1.6	20	32
	11.0-12.5	594.5	Very Soft Gr Clay A-8	11	2 1-2	0.2	20	28
	13.5-15.0	592.0	Loose Br to Gr Sand A-3	8	3 5-2			11
	18.5-20.0	587.0	Medium Dense Gr Silt A-2-4, some Sand	12	7 9-16			16
	23.5-25.0	584.0	Medium Dense Gr Sand A-1-a	6	6 3-18			13
	27.5-27.6	579.0 576.4	Very Dense Gr Sand A-1-a Boring terminated @ 27.6'	0.5	50/1/2'			
<b>REMARKS</b> Automatic Hammer Used. * Water introduced into borehole below 15' due to blowing Sand. ( ) Denotes Calibrated Penetrometer Estimate								
WATER 9 FT. ELEV. 597.0 DURING DRILLING		CORE SIZE		IN. DATE: Oct 22, 08				
WATER FT. ELEV. AT COMPLETION		CASING LENGTH		FT. DRILLER: Shlimon				
WATER * FT. ELEV. AFTER 1/4 HRS.		CASING DIAMETER		IN. INSPECTOR: Kuzel				

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DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

SOIL BORING LOGS  
STRUCTURE NO. 099-W024



SHEET NO. 7 7 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	55	99 (1&2) I-12	WILL	147	89
FED. ROAD DIST. NO. 7 ILLINOIS			CONTRACT NO. 60B04		
FED. AID PROJECT					