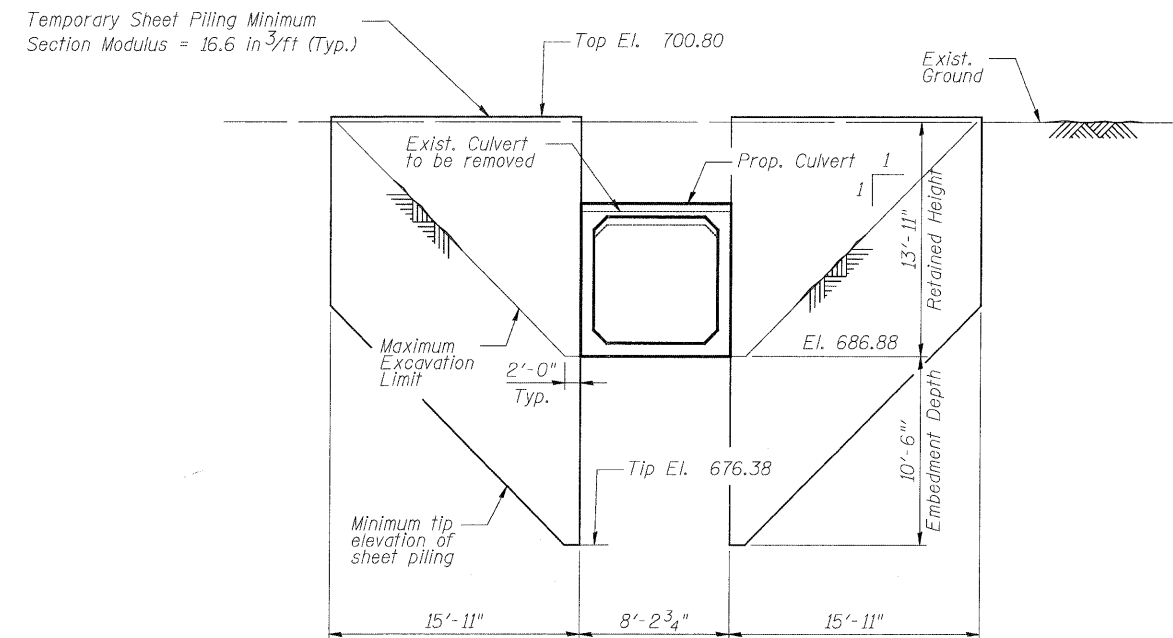


BLOOM COMPANIES, L.L.C.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	BR4-L4				
PROJECT:	IL-53 Improvements - Thorndale Avenue to Army Trail Road	STATION:	176+71	STATION:	176+71				
LOCATION:	Barrier Wall No. 4	OFFSET:	15' LT	OFFSET:	15' LT				
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	700.2					
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/FT	%	STRAIN	WATER CONTENT	
0.0-1.0	699.4	699.4	8" Bituminous Concrete						
1.0-2.5			1" Sand A-1-a	10	3-4	(3.5)		14.3	
3.5-5.0			FILL: Br to Gr Clay A-6, trace Gravel and Organics	15	3-4	1.7	15	18.5	
6.0-7.5				10	2-3	0.5	16	19.1	
8.5-10.0				12	3	1.3	16	25.3	
11.0-12.5		687.2		6	2-2	(0.8)		24.9	
13.5-15.0		684.7	Very Stiff Br Clay A-6, trace Gravel	17	4-5	2.8	15	23.6	
16.0-17.5			Soft to Medium Stiff Gr Sandy Clay A-4, trace Gravel	12	2-4	(0.3)		19.2	
18.5-20.0				15	5-7	(0.8)		20.0	
21.0-22.5		679.2		3					
23.5-25.0			Medium Dense Fine Sand A-3, trace Gravel	16	5-8			19.7	
26.0-27.5			Gr Clay Seam @ 26.5' (Hard Gr Clay A-6)	16	8-11	5.8	15	17.6	
28.5-30.0		670.2		16	6-8			19.9	
31.0-32.5			Very Stiff to Stiff Gr Clay A-6, trace Gravel	14	5-9	2.3	15	10.6	
33.5-35.0		666.2		18	6-10	1.4	15	13.4	
Boring terminated @ 35'									
REMARKS: Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate			
WATER	17 FT. ELEV.	683.2	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Mar 29, 10	
WATER	12.5 FT. ELEV.	667.7	AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon	
WATER	FT. ELEV.		AFTER HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Alsalami	

BLOOM COMPANIES, L.L.C.		BORING LOG		CHICAGO, ILLINOIS					
JOB NO:	BM3-1272	CLIENT:	ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING NO:	BR4-3				
PROJECT:	IL-53 Improvements - Thorndale Avenue to Army Trail Road	STATION:	176+28	STATION:	176+28				
LOCATION:	Barrier Wall No. 4	OFFSET:	30' RT	OFFSET:	30' RT				
BORING RIG & METHOD:	Diedrich D-50 w/Hollow Stem Augers		SURF ELEV:	699.2					
DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/FT	%	STRAIN	WATER CONTENT	
0.0-1.0		698.2	Sand A-1-a (Gravel Shoulder)						
1.0-2.5		696.2	FILL: Br Sand A-1-a, trace Clay Lumps	12	20-12			5.2	
3.5-5.0				14	3-5	1.7	15	22.3	
6.0-7.5			Probable FILL: Br to Gr Clay A-6, trace Gravel and Organics	10	3-4	1.2	15	26.3	
8.5-10.0				17	2	3.7	1.7	15	
11.0-12.5		688.2		9	4-6	1.2	15	36.4	
13.5-15.0			Stiff to Medium Stiff Br to Gr Clay A-7-8, trace Gravel	17	3-4	1.7	15	23.6	
16.0-17.5		681.2		16	1-2	(0.5)		21.4	
18.5-20.0		678.2	Stiff Br to Gr Clay Loam A-6	17	4-5	1.7	15	13.1	
Boring terminated @ 20'									
REMARKS: Automatic Hammer Used.						() Denotes Calibrated Penetrometer Estimate			
WATER	15 FT. ELEV.	684.2	DURING DRILLING	✓	CORE SIZE	IN.	DATE:	Jan 5, 10	
WATER	Caved @ 14.5 FT. ELEV.	684.7	AT COMPLETION	✓	CASING LENGTH	FT.	DRILLER:	Shilmon	
WATER	FT. ELEV.		AFTER HRS.	✓	CASING DIAMETER	IN.	INSPECTOR:	Kuzel	



TEMPORARY SHEET PILING ELEV.

DESIGNED	- A. Durbak
CHECKED	- R. DiGiulio
DRAWN	- A. Durbak
CHECKED	- R. DiGiulio

SOIL BORINGS
ILLINOIS ROUTE 53
FAU 2578 SECTION 532B-1
DUPAGE COUNTY STATION 176+91.55

PATRICK ENGINEERING INC.
 4970 VARSITY DRIVE
 Lisle, IL 60532
 patrickengineering.com

SHEET NO. S8 OF S25	F.A.P. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 587
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			