

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS

BORING LOG

JOB NO: **BMS-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **C1-1**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **46+65**
 LOCATION: **Culvert No. 1** OFFSET: **41' RT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **744.4**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/FT	QU	STRAIN %	WATER CONTENT %
0.0-1.0		742.9	14" Bituminous Concrete		Auger			
1.0-2.5			4" Sand A-1-s	16	12 10-8	8.8	15	19.8
3.5-5.0			FILL: Gr to Black Silty Clay A-7-6, trace Gravel, roots and wood chips	13	3 2-4	1.2	15	22.0
6.0-7.5				14	2 4-5	2.1	15	25.6
8.5-10.0		739.9		15	2 2-3	1.0	15	22.0
11.0-12.5		731.4	Soft Br Clay A-6, trace Gravel, 1" Sand Seam noted	17	2 4-6	0.4	15	19.5
13.5-15.0				15	4 7-11	2.1	15	12.3
16.0-17.5			Very Stiff to Stiff Gr Silty Clay Loam A-6, trace Gravel	5	4 6-8	(2.0)		14.0
18.5-20.0		724.4		10	3 16-12	1.7	15	13.3

Boring terminated @ 20'

REMARKS: Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate

WATER DRY FT. ELEV. DURING DRILLING CORE SIZE IN. DATE: **Jan 5, 10**
 WATER Caved @ 16.5 FT. ELEV. AT COMPLETION CASING LENGTH FT. DRILLER: **Shlmon**
 WATER FT. ELEV. AFTER HRS. CASING DIAMETER IN. INSPECTOR: **Kuzel**

BLOOM COMPANIES, LLC. CHICAGO, ILLINOIS

BORING LOG

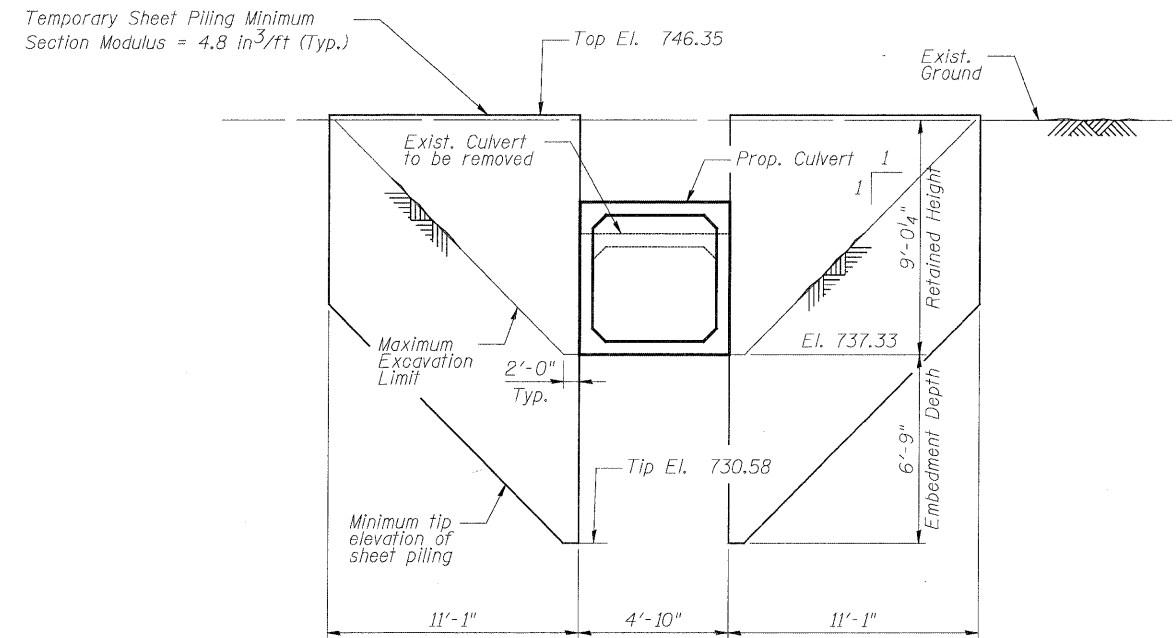
JOB NO: **BMS-1272** CLIENT: **ILLINOIS DEPARTMENT OF TRANSPORTATION** BORING NO: **C1-2**
 PROJECT: **IL-53 Improvements - Thorndale Avenue to Army Trail Road** STATION: **46+74**
 LOCATION: **Culvert No. 1** OFFSET: **36' LT**
 BORING RIG & METHOD: **Diedrich D-50 w/Hollow Stem Augers** SURF ELEV: **744.8**

DEPTH	SAMPLE FROM - TO	ELEV.	SOIL DESCRIPTION	REC.	BLOWS/FT	QU	STRAIN %	WATER CONTENT %
0.0-1.0		744.3	6" Gr Silty Clay Topsoil		Auger			
1.0-2.5		741.8	FILL: Br Clay Loam A-6, trace roots	15	2 4-5	4.1	15	12.5
3.5-5.0		739.3	FILL: Br to Gr Silty Clay A-6, trace wood chips	13	3 3-3	2.1	15	21.4
6.0-7.5		736.8	Probable FILL: Br to Gr Clay A-6	14	3 3-4	1.2	15	24.3
8.5-10.0				17	2 3-3	1.2	15	17.4
11.0-12.5		731.8	Stiff to Very Stiff Br to Gr Clay A-6, trace Gravel	10	2 4-5	2.5	15	19.3
13.5-15.0				16	2 2-4	1.7	15	15.5
16.0-17.5			Stiff Gr Silty Clay Loam A-6, trace Gravel	17	2 3-5	1.4	15	16.9
18.5-20.0		724.8		17	3 3-5	1.7	15	15.1

Boring terminated @ 20'

REMARKS: Automatic Hammer Used. () Denotes Calibrated Penetrometer Estimate

WATER DRY FT. ELEV. DURING DRILLING CORE SIZE IN. DATE: **Jan 5, 10**
 WATER Caved @ 14.5 FT. ELEV. AT COMPLETION CASING LENGTH FT. DRILLER: **Shlmon**
 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 46+81.03


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

SHEET NO. S3 OF S25	F.A.P. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 582
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			