F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	170
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

CONTRACT NO. 62388

Patrick Engineering, Inc.
STRUCTURE BORING LOG

Page 1 of 1
Date 8/1/05

ROUTE FAU 3578 DESCRIPTION Southwest Highway Bridge over B&O Railroad

SECT. 15VB-1-R-1 STRUCT. NO. 016-2771 DRILLED BY Groff Testing Corp.

COUNTY Cook LOCATION Chicago Ridge, IL S. 7 , TWP. 37N , RNG. 13E

Boring No. B-9
Station 4+523
Offset 6.00m R
Surface Elev. 183.46 m

Surface Water Elev. NA
Groundwater Elev.:
when drilling 176.0
at Completion 177.8
after ____ Hrs. ____

Description	Elev.	DEPTH	BLOWS	Qu kPa	W %
17.87 cm asphalt overlayed 25.40 cm concrete pavement	183.04				
Brown sandy gravelly to gravelly sandy loam fill, loose to medium dense, wet			4 4 4	NP	9
		-1.5	10 6 7	NP	7
			11 6 4	NP	7
Black silty clay, soft, wet	180.70	-3.0	1 1 1	NP	8 23
Disturbed sample			0 1 2	48 P	20
Brown and gray silty clay, trace roots, medium stiff, wet	179.56	-4.5	1 0 1	83 B	23
			W O H	80 B	33
		-6.0	W O H	56 B	30
Gray sandy gravel with cobbles and boulders, dense to medium dense, saturated	176.92	-7.5	16 17 24	NP	8
Grades to very dense			18 16	NP	--
		-9.0	5 11 14	NP	9
		-10.5	17 27 33	NP	6
		-12.0	17 26 37	NP	6
		-13.5	27 26 35	NP	6
End of Boring at 15.24 m	168.46	-15.0	100/5"	NP	9

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Meters

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS - IX
SOUTHWEST HIGHWAY OVER
B&O RAILROAD AND STONY CREEK
FAU 3578 SECTION 15V B-1-R-1
STRUCTURE NUMBER 016-2771
COOK COUNTY STATION 4+716.497
SCALE: NONE DRAWN BY: M. Tryon
DATE: 6/17/09 CHECKED BY: A. Yargiooglu

tkoepen(Rdwy_Lisle)
6/26/2009 8:17:17 AM
Q:\DOT\9556_A0\Dr-awings\STRUCT\Y4_SoilBorings9.dgn