

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	166
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 62388				

Patrick Engineering, Inc.
STRUCTURE BORING LOG

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Date 7/30/04

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.	Station	Offset	Surface Elev.	D	B	L	O	W	Qu	W	Surface Water Elev.	D	B	L	O	W	Qu	W
B-1	4+542	9.29m L	180.10 m	H	S				kPa	%	177.55	H	S			kPa	%	
			179.95		0	0			NP	21								
					1													
					0	0			NP	18								
			178.45		1													
					2	2			NP	25								
					3													
					1	1			NP	23								
					1													
			176.95		0	0			NP	25								
					0													
					6	7			NP	19								
					9													
			176.20		6	10			NP	19								
					12													
					7	14			NP	17								
					22													
			173.20		12	15			NP	13								
					15													
					9	12			NP	11								
					16													

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

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Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Qu	W	Surface Water Elev.	D	B	L	O	W	Qu	W
B-2	4+557	10.51m R	180.55 m	H	S				kPa	%	177.55	H	S			kPa	%	
			180.40		3	4			NP	17								
					4													
					4													
			179.42		3	3			NP	7								
					3													
					2													
			178.90		2	1			63	34								
					1				B									
					1													
					1	39			B	26								
					1													
					1	55			B	29								
					1													
					0	30			P	127								
					0													
			176.20		5	8			NP	19								
					8													
					10	10			NP	20								
					10													
					7	10			NP	20								
					12													
					6	10			NP	19								
					10													
			173.20		6	10			NP	19								
					10													

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

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 PATRICK ENGINEERING INC. LISLE, ILLINOIS



REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SOIL BORING LOGS - V 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
NAME	DATE	
		SCALE: NONE DATE: 6/17/09 DRAWN BY: M. Tryon CHECKED BY: A. Yargoolu