F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	173
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 7/28/04

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. ST-3
Station 4+832
Offset 11.20m R
Surface Elev. 181.07 m

Surface Water Elev. 177.55
Groundwater Elev.:
when drilling Dry
at Completion Dry
after 24 Hrs. 176.7

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
Gray silty clay to silty clay loam, stiff	PUSH	96	16				
-1.5		E		-9.0			
179.42 Brown medium sand 179.27							
Gray silty clay with interbedded silt lenses, stiff	PUSH	114	20				
		S					
	PUSH	92	26				
		P					
-3.0				-10.5			
	PUSH	168	29				
		P					
177.47 Gray silty clay with interbedded silt lenses, soft	PUSH	79	31				
		S					
176.87 Dark brown to black peat, stiff	PUSH	158	158				
-4.5				-12.0			
176.42 Greenish gray organic silty clay with shells and non-decomposed vegetation, soft	PUSH	48	186				
		P					
175.52 Gray clay to silty clay, 175.44 medium stiff	PUSH	72	44				
175.07 Gray fine sand							
-6.0 End of Boring at 6.10 m				-13.5			
				166.07 -15.0			
-7.5							

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.
STRUCTURE BORING LOG

Page 1 of 1
Date 7/27/04

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. ST-4
Station 4+849
Offset 9.20m L
Surface Elev. 181.63 m

Surface Water Elev. 177.55
Groundwater Elev.:
when drilling 176.1
at Completion
after Hrs.

DEPTH	BLOWS	Qu kPa	W %	DEPTH	BLOWS	Qu kPa	W %
-1.5				-9.0			
Brown and gray silty clay loam with interbedded silt lenses, medium stiff to stiff	PUSH	144	19				
		P					
	PUSH	120	25				
		P					
-3.0				-10.5			
	PUSH	55	26				
178.03 Gray silty loam to silty clay loam, trace gravel and roots, very soft to soft	PUSH	48	24				
		P					
Grades with roots	PUSH	24	31				
-4.5		P		-12.0			
176.68 Greenish gray organic silty clay and peat with shells, 176.38 stiff 176.23 Gray clay, stiff 176.08 Gray fine sand Gray silt	PUSH	120	136				
		P					
	PUSH	NP	21				
175.63 -6.0 End of Boring at 6.10 m				-13.5			
				166.63 -15.0			
-7.5							

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS - XII
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**

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

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