F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3578	15V B-1-R-1	COOK	243	172
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 7/30/04

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. ST-1
Station 4+835
Offset 9.00m L
Surface Elev. 181.35 m

Surface Water Elev. 177.55
Groundwater Elev.:
when drilling 177.2
at Completion 179.6
after 24 Hrs. 179.3

Description	Elev.	Depth	Blows	Qu kPa	W %
Brown medium to coarse gravelly sandy loam	180.60				
Black, brown and gray sandy loam, trace organics	180.45		PUSH	NP	27
Brown and gray fine sand	180.08				
Brown sandy clay loam with gravel	179.93	-1.5	PUSH	NP	20
Light brown medium sand, trace non-decomposed roots	179.85				
Brown and gray fine sand to sandy loam	179.48		PUSH	NP	23
Brown medium to coarse sand			PUSH	NP	24
		-3.0			
No recovery			PUSH	NP	--
Gray silt with occasional fine sand lenses	177.30		PUSH	NP	25
End of Boring at 4.57 m	176.85	-4.5			
		-6.0			
		-7.5			

Depth	Blows	Qu kPa	W %
-9.0			
-10.5			
-12.0			
-13.5			
-15.0			

166.35

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-2
Station 4+818
Offset 8.20m L
Surface Elev. 181.15 m

Surface Water Elev. 177.55
Groundwater Elev.:
when drilling 176.9
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu kPa	W %
Brown fine sandy loam	179.80				
Dark to light brown silty loam		-1.5	PUSH		16
Brown and gray silty clay to silty clay loam with interbedded silt lenses, trace root fragments, soft to medium stiff	179.12		PUSH	56 S	24
			PUSH	66 S	25
		-3.0			
			PUSH	51 S	31
			PUSH	48 P	120
Greenish gray silty clay loam, with shell fragments, soft to medium stiff	177.02		PUSH	80 S	132
Sampler refusal at 4.42 m	176.80	-4.5			
No recovery			PUSH	-1	--
End of Boring at 5.49 m	175.75				
		-6.0			
		-7.5			

Depth	Blows	Qu kPa	W %
-9.0			
-10.5			
-12.0			
-13.5			
-15.0			

166.15

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 - XI
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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