Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/12/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. ___, TWP. 39 N, RNG. 14 E

Boring No. SB-23
Station 3620+83 (SB LOCAL)
Offset 73.1ft Lt. of SB LOCAL BL
Surface Elev. -0.90 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling -5.4
at Completion -5.9
after ___ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT	-1.40				
CRUSHED STONE trace - topsoil			8 9 9		5
FILL	-3.90				
Soft to Medium Stiff, Gray SILTY CLAY trace- gravel			2 2 2	0.5 P	22
		-5	1 1 1		
			1 1 1	0.3 B	27
		-10			
			1 1 1	0.6 B	24
			1 1 1	0.5 B	28
		-15			
			1 1 1		
			1 1 1	0.4 B	25
		-20			
			2 2 2	0.3 B	25
			1 1 2	0.7 B	22
END OF BORING	-25.90	-25			

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 Feet

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SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. ___, TWP. 39 N, RNG. 14E

Boring No. SB-24
Station 3624+79 (SB LOCAL)
Offset 68.2ft Lt. OF SB LOCAL BL
Surface Elev. -1.30 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling _____
at Completion _____
after ___ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT					
CRUSHED STONE	-1.63				
			10 9 6		8
FILL	-4.30				
Very Soft to Medium Stiff, Gray SILTY CLAY trace- gravel			1 1 1	0.7 B	20
		-5			
			1 1 1	0.3 B	26
			1 1 2	0.3 B	26
		-10			
			1 1 1	0.3 B	25
			1 1 1	0.3 B	25
		-15			
			1 1 1	0.2 B	27
		-20	1 1 1	0.3 B	26
			1 1 1	0.4 B	25
			1 1 1	0.5 B	24
END OF BORING	-26.30	-25			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. ___, TWP. 39 N, RNG. 14 E

Boring No. SB-26
Station 3633+59 (SB LOCAL)
Offset 61.5ft Lt. OF SB LOCAL BL
Surface Elev. -1.33 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling -9.8
at Completion -8.3
after ___ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
TOPSOIL	-2.00				
CRUSHED STONE trace - topsoil			6 7 6		5
FILL	-4.33				
Very Soft to Stiff, Gray SILTY CLAY trace- gravel			1 1 1	0.3 B	29
		-5			
			1 1 1	0.2 B	26
			1 1 2	0.7 B	22
		-10			
			1 1 1	0.2 B	27
			1 1 1	0.3 B	21
		-15			
			1 1 2	0.6 B	27
		-20	1 1 2	0.7 B	26
			1 1 2	0.6 B	21
			1 2 3	2.0 B	22
END OF BORING	-26.33	-25			

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 Feet

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	394
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62303 * (2021-922 PT2 ETC 2324.6-1P) R-11

BL-10

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)

SOIL BORING LOGS

SCALE: 1"=50'
DATE: 06/09/06
DRAWN BY: LAM
CHECKED BY: BLU

6/8/2006 3:56:15 PM
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