F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	443
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 4/7/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY

SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION WALL 061 S. ___, TWP. 38 N, RNG. 14 E

Boring No. W-061-1
Station 3562+34 (SB LOCAL)
Offset 140 LT. OF SB LOCAL BL
Surface Elev. 14.6 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 6.1
at Completion
after ___ Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	13.9				
CONCRETE PAVEMENT	13.1				
Medium Dense, Brown SANDY LOAM trace to little - gravel FILL	12.6		12 10 7		18
Very Stiff, Gray SILTY CLAY trace - gravel	10.6		6 5 5	2.25 P	23
Medium Dense, Brown SANDY LOAM trace to little - gravel		-5			
			5 6 6		19
		-10	4 4 6		8
Very Loose, Gray SILTY LOAM	4.1		0 1 1		23
		-15	0 1 1		23
Medium Stiff to Very Stiff, Gray SILTY CLAY trace - gravel	-0.9		1 1 2	2.1 B	21
		-20	1 2 2	1.1 B	23
			1 2 2	0.8 B	25
		-25	1 1 3	0.6 B	26
Hard, Gray SILTY CLAY LOAM trace - gravel	-10.9		6 10 10	6.2 S	15
		-30	6 18 30	7.4 S	14
Extremely Dense, Gray SILTY LOAM trace to little - gravel	-17.4				
			50/5"		13
END OF BORING	-19.9	-35			
		-40			
		-45			
		-50			

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

BORING W-061-1

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 4/7/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY

SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION WALL 061 S. ___, TWP. 38 N, RNG. 14 E

Boring No. W-061-2
Station 3560+91 (SB LOCAL)
Offset 140 LT. OF SB LOCAL BL
Surface Elev. 14.8 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 6.3
at Completion
after ___ Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	14.2				
CONCRETE PAVEMENT	13.3				
Medium Dense, Brown SANDY LOAM trace to little - gravel and topsoil	11.8		15 14 8		13
FILL Loose to Medium Dense, Brown SANDY LOAM trace - gravel		-5	6 6 5		10
			4 5 6		11
Very Dense to Extremely Dense, Gray SILTY LOAM trace to little - gravel	-17.2				
		-10	4 4 4		24
Very Soft to Stiff, Gray SILTY CLAY trace - gravel	4.3		0 0 1	0.2 B	29
		-15	0 0 1	0.2 B	27
END OF BORING	-26.2				
		-20	0 1 2	0.7 B	27
			0 2 2	0.6 B	26
		-25	0 1 1	0.6 B	24
			0 2 2	0.7 B	25
			1 1 2	1.1 B	22
		-30	5 7 7	1.1 S	21
		-35	15 33 39	5.0 S	11
		-40	19 35 50/5"	4.5 S	9
		-50			

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

BORING W-061-2

SHEET 8 OF 9

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

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

RETAINING WALL S-43N-F
SOIL BORINGS 1

SCALE: NTS DRAWN BY: KMW
DATE: JUNE 9, 2006 CHECKED BY: BLU

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

USER:0160CODD DATE:6/9/2006 TIME:10:28 AM FILE:W:\WALL\S43N\S43N-F WALL\S43N-F_BORINGS.DGN