F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	410
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 4/14/03

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 060 S. , TWP. 38 N , RNG. 14 E

Boring No. W-060-3
Station 3537+39 (SB LOCAL)
Offset 69.7 LT. OF SB LOCAL BL
Surface Elev. 15.3 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 6.8
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	14.9				
CONCRETE PAVEMENT	14.1				
Loose to Medium Dense, Brown SANDY LOAM trace - gravel			8 10 11		3
			14 13 12		5
		-5			
			2 3 6		8
FILL	8.3				
Loose, Brown SANDY LOAM					
			2 3 3		24
		-10			
	4.8				
Very Loose to Medium Dense, Gray SILTY LOAM trace - sand			4 5 5		26
			2 1 0		28
		-15			
	-0.2				
Medium Stiff to Very Stiff, Gray SILTY CLAY trace - sand and gravel			1 1 3	1.7 B	23
			1 3 3	1.0 B	22
		-20			
			2 4 5	1.3 B	22
			1 1 3	0.9 B	23
		-25			

Description	Elev.	Depth	Blows	Qu tsf	W %
			4 7 7	2.1 B	18
			3 5 7	2.5 B	18
		-30			
Hard, Gray SILTY CLAY LOAM trace - gravel	-16.7				
			41 50/5"	4.25 P	9
END OF BORING	-19.1				
		-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-060-3

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 4/29/03

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 060 S. , TWP. 38 N , RNG. 14 E

Boring No. W-060-4
Station 3535+95 (SB LOCAL)
Offset 81.9 LT. OF SB LOCAL BL
Surface Elev. 15.5 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 7.0
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	15.3				
CONCRETE PAVEMENT	14.5				
Medium Dense, Brown SANDY LOAM trace - grave, topsoil, cinders, crushed stone and brick			13 8 11		13
	12.5				
FILL					
Loose to Medium Dense, Brown SANDY LOAM trace - gravel			10 9 12		4
		-5			
			8 8 9		5
			7 3 4		23
		-10			
Gray below 10.5 feet			2 2 3		26
	2.5				
Very Loose, Gray SILT trace - sand			2 1 1		27
		-15			
	0.0				
Medium Stiff to Hard, Gray SILTY CLAY trace - sand and gravel			0 1 2	1.2 B	23
			5 5 6	1.2 B	22
		-20			
			1 2 3	0.9 B	24
			1 1 1	0.5 B	27
		-25			

Description	Elev.	Depth	Blows	Qu tsf	W %
			3 4 5	2.4 B	19
Hard, Gray SILTY CLAY trace to little - gravel	-12.5				
			6 9 11	6.4 S	15
		-30			
Extremely Dense, Gray SILTY LOAM trace - gravel	-16.5				
			39 38 50/5"		7
END OF BORING	-19.4				
		-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-060-4

SHEET 14 OF 15

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-47N-R
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

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