F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	405
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62301 *(2021-922 PT2 ETC 2324.6-1P) R-10

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 4/25/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY

SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK ENGINEERING

COUNTY COOK LOCATION WALL 029 S. ____, TWP. 38 N, RNG. 14 E

Boring No. W-029-3
Station 4561+72 (NB LOCAL)
Offset 131 RT. OF NB LOCAL BL
Surface Elev. 16.3 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 7.3
at Completion _____
after _____ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	16.1				
CONCRETE PAVEMENT	14.8				
Loose to Medium Dense, Brown SANDY LOAM trace - gravel			10 7 6		11
			3 2 2		16
FILL	10.8	-5			
Medium Dense, Brown SANDY LOAM trace - gravel			6 6 7		3
			5 6 7		4
Very Loose to Loose, Gray SILT trace - sand	5.8	-10			
			2 3 3		26
			0 1 0		28
		-15			
			0 1 0		25
Soft to Very Stiff, Gray SILT CLAY trace - sand and gravel	-3.2	-20	0 1 2	2.1 B	21
			0 1 2	1.6 B	25
		-25	1 1	0.6 B	26

Description	Elev.	Depth	Blows	Qu tsf	W %
			3		
			0 1 2	0.8 B	24
		-30	0 1 3	0.8 B	23
			0 0 1	0.3 B	24
Very Hard, Gray SILTY CLAY LOAM trace - sand and gravel	-21.2	-35			
		-40	8 14 21	8.9 S	12
END OF BORING	-24.2	-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-029-3

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 4/25/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY

SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK ENGINEERING

COUNTY COOK LOCATION WALL 029 S. ____, TWP. 38 N, RNG. 14 E

Boring No. W-029-4
Station 4562+64 (NB LOCAL)
Offset 131 RT. OF NB LOCAL BL
Surface Elev. 15.4 ft

Surface Water Elev. _____
Groundwater Elev.:
when drilling 3.9
at Completion _____
after _____ Hrs. _____

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	15.2				
CONCRETE PAVEMENT	13.9				
Medium Dense, Brown SANDY LOAM trace - gravel			10 11 7		7
			8 8 13		7
FILL	9.4	-5			
Medium Dense, Brown SANDY LOAM trace - gravel			4 6 8		4
			6 7 4		17
Very Loose, Gray SILT trace - sand	4.4	-10			
			0 0 1		28
			0 0 1		29
		-15			
Medium Stiff to Stiff, Gray SILTY CLAY trace - sand and gravel	-0.6				
			0 1 3	0.6 B	26
			1 3 3	1.2 B	25
		-20			
			0 1 1	0.7 B	21
		-25	0 1	0.7 B	23

Description	Elev.	Depth	Blows	Qu tsf	W %
			1		
			0 1 2	0.9 B	23
		-30	0 1 3	1.0 B	23
Hard to Very Hard, Gray SILTY CLAY LOAM trace - gravel	-19.1	-35	5 7 15	7.2 S	14
		-40	29 25 35	8.9 S	10
		-45	17 25 32	7.0 S	11
END OF BORING (AUGER REFUSAL)	-30.1	-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-029-4

SHEET 9 OF 9

REVISIONS	
NAME	DATE

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

RETAINING WALL N-43N-F
SOIL BORINGS 2

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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