F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90 *		COOK	565	395
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 4/28/03

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 028 S. ___, TWP. 38 N, RNG. 14 E

Boring No. W-028-5
Station 4533+35 (NB LOCAL)
Offset 98 RT. OF NB LOCAL BL
Surface Elev. 15.6 ft

Surface Water Elev. ___
Groundwater Elev.:
when drilling 1.6
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	BLOWS	Qu tsf	W %
ASPHALT PAVEMENT	15.4				
CONCRETE PAVEMENT	14.1				
Medium Dense, Brown SANDY LOAM trace - cinders, gravel, topsoil, and brick			10 6 10		14
		-5	32 9 7		7
FILL	9.6				
Loose, Brown SANDY LOAM trace - gravel			5 4 5		4
		-10	3 4 5		7
Very Loose, Gray SILT trace - sand	4.6		0 1 2		23
		-15	0 0 1		26
Stiff to Medium Stiff, Gray SILTY CLAY trace - sand and gravel	-1.9		0 1 1	2.0 B	23
		-20	1 3 3	1.4 B	18
			0 0 1	0.6 B	22
		-25	0 1	0.7 B	25
Hard, Gray SILTY CLAY LOAM trace - gravel	-16.4				
		-35	9 9 15	6.8 S	11
END OF BORING	-19.9				
		-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-028-5

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 4/28/03

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 028 S. ___, TWP. 38 N, RNG. 14 E

Boring No. W-028-6
Station 4534+37 (NB LOCAL)
Offset 99 RT. OF NB LOCAL BL
Surface Elev. 16.1 ft

Surface Water Elev. ___
Groundwater Elev.:
when drilling 4.6
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	BLOWS	Qu tsf	W %
ASPHALT PAVEMENT	15.9				
CONCRETE PAVEMENT	14.6				
Loose, Brown SANDY LOAM trace - topsoil, brick, cinders, and gravel			7 6 3		9
FILL	12.6				
Very Loose to Loose, Brown SANDY LOAM trace - gravel		-5	3 1 2		18
			0 0 1		9
		-10	2 3 5		8
Loose, Gray SILT trace - sand	5.1		0 1 3		23
Very Soft to Very Stiff, Gray SILTY CLAY trace - sand and gravel	2.6	-15	0 0 1	0.2 B	27
			0 1 1	0.2 B	27
		-20	1 1 2	1.0 B	22
			2 3 5	1.4 B	22
		-25	3 4	1.7 B	20
Very Hard, Gray SILTY CLAY LOAM trace - gravel	-15.9				
			5		
			2 3 5	2.1 B	20
		-30	3 4 6	1.9 B	21
		-35	6 7 10	8.2 S	12
		-40	9 31 50	9.1 S	10
			18 21 47	6.0 S	11
END OF BORING	-27.4				
		-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-028-6

SHEET 23 OF 24

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
COOK COUNTY
STA. 4529+75.90 TO STA. 4537+30.74
RETAINING WALL N-47N-R
SOIL BORINGS 3
S.N. 016-W977

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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