F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	393
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

n:\665\cad\civil\B-RET WALLS\660_1659W28_01.dgn

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 4/24/03

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-028-1
Station 4529+91(NB LOCAL)
Offset 94 RT. OF NB LOCAL BL
Surface Elev. 15.7 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 4.2
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	15.5				
CONCRETE PAVEMENT	14.2				
Medium Dense to Dense, Brown SANDY LOAM trace - gravel			15 15 17		20
		-5	9 6 6		3
FILL	9.7				
Loose, Brown SANDY LOAM trace - gravel			8 3 2		3
		-10	5 3 2		4
			3 3 4		24
Loose, Gray SILT trace - sand	2.2				
		-15	3 1 1		28
Medium Stiff to Very Stiff, Gray SILTY CLAY trace - sand and gravel	-1.3		2 2 5	1.6 B	22
		-20	2 8 8	1.6 B	20
			3 4 6	0.9 B	21
		-25	3 3	0.9 B	25
Hard to Very Hard, Gray SILTY CLAY LOAM trace - sand and gravel	-13.8	-30	15 21 50/4"	6.0 S	9
		-35	50/5"	8.2 S	10
END OF BORING	-22.3	-40	50/5"	7.8 S	9
		-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-028-1

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 DRILLING INC.

COUNTY COOK LOCATION WALL 028 S. ___, TWP. 38 N, RNG. 14 E

Boring No. W-028-2
Station 4530+84 (NB LOCAL)
Offset 92 RT. OF NB LOCAL BL
Surface Elev. 15.6 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 4.1
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT PAVEMENT	15.3				
CONCRETE PAVEMENT	14.1				
Medium Dense, Brown SANDY LOAM trace - gravel			12 12 13		3
FILL	12.1				
Very Loose to Loose, Brown SANDY LOAM trace - gravel			9 4 5		3
		-5			
		-10	2 1 2		4
Very Loose to Loose, Gray SILT trace - sand	4.6				
			4 4 5		23
		-15	0 1 1		25
Medium Stiff to Stiff, Gray SILTY CLAY trace - sand and gravel	-0.4		1 2 2	2.0 B	20
		-20	1 2 3	1.6 B	21
			1 1 2	0.6 B	23
		-25	0 1	0.3 B	26
Very Hard, Gray SILTY CLAY LOAM trace to little - sand and gravel	-15.4				
END OF BORING	-21.9				
		-30	1 2 4	2.2 B	20
		-35	5 6 6	1.7 B	19
		-40	12 22 35	8.5 S	11
		-45	50/3"		11
		-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-028-2

SHEET 21 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 1
S.N. 016-W977

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

6/7/2006 3:46:41 PM

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.226.0100
www.bbandainc.com