F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	396
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 4/18/05

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY

SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY GROUNDBREAKING EXPLORATION

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

Boring No. W-028-7
Station 4536+49
Offset 52 RT. OF NB LOCAL BL
Surface Elev. 9.7 ft

Surface Water Elev.
Groundwater Elev.:
when drilling -2.3
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu tsf	W %
TOPSOIL	9.2				
Loose, Brown LOAM			3 4 5		14
Very Loose, Gray SILTY LOAM	5.7	-5	3 1 1		6 23
Loose, Brown SANDY LOAM	4.2		4 4 3		20
Very Loose, Gray SILTY LOAM	1.7	-10	1 0 0		28
Medium Stiff to Stiff, Gray SILTY CLAY	-2.3		2 2 1	1.1 B	23
		-15	1 3 3	1.0 B	22
			1 3 4	0.6 B	22
		-20	4 7 8	0.5 B	23
* Shelby Tube			*	1.1 B	20
		-25	3 4 4	1.2 B	20
Hard to Very Hard, Gray SILTY CLAY LOAM	-15.8			4.5+ P	
		-30	12 16 21	13.4 B	11
Very Dense, Gray SILTY LOAM	-22.3	-35	17 28 26		18
Dense, Gray SILT	-29.3	-40	10 19 25		11 16
END OF BORING	-30.3	-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-028-7

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

SHEET 24 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
EXISTING RETAINING WALL PLAN 3
S.N. 016-W977

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

6/7/2006 3:41:41 PM

N:\660\cad\ROW\RETAINING WALLS\660_R58W28_04.dgn