CONTRACT 62B29

F.A.U. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	82
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT=		

SHEET NO. SA-29
OF SHEETS SA-30

BORING B-7

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 8/16/00

ROUTE FAP 305 DESCRIPTION PALATINE/WILLOW ROAD OVER WILWAUKEE AVENUE

SECT. 211K-R-1 STRUCT. NO. 016-0529 (EXISTING)) DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION EAST ABUTMENT S. 24 , TWP. T42N , RNG. R11E

Boring No. B-7
Station 393+16.81
Offset 88.91ft Rt. from PCL
Surface Elev. 641.08 ft

Surface Water Elev. N/A
Groundwater Elev.:
when drilling 630.1
at Completion 631.1
after 24 Hrs. 631.1

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
Black and Dark Brown TOPSOIL	640.08				
Very Stiff to Hard, Brown, Gray and Black SILTY CLAY traces - sand, gravel, root and organics			4 10 9	4.5+ P	10
		-5	8 8 8	3.0 P	18
(FILL) Stiff, Brown SILTY CLAY traces - sand and gravel	634.58		3 2 4	1.5 B	27
Medium Dense, Brown SAND little to some - gravel traces - fines	632.08	-10	4 6 8	- -	10
Medium Dense, Gray Fine SAND little to some - silt	630.08		2 8 10	- -	20
Hard, Gray SILTY CLAY traces - sand and gravel	626.58	-15	3 5 5	4.5+ P	20
Medium Dense, Gray SILTY LOAM traces to little - sand and clay	625.58		5 11 12	- -	13
		-20	8 9 13	5.6 B	17
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel	620.08		3 2 5	1.0 B	14
		-25	2 3 6	1.7 B	15

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
			5 8 11	4.7 B	15
Dense, Gray SILT	613.58				
		-30	15 29 19	- -	11
Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	610.08				
		-35	11 18 21	10.7 B	12
		-40	8 11 17	8.7 B	16
Very silty from 40 to 45 feet					
		-45	15 27 34	- -	14
		-50	8 14 24	8.0 B	15

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

Everest Engineering Company
STRUCTURE BORING LOG

Page 2 of 2
Date 8/16/00

STRUCTURE NO. 016-0529 (EXISTING))
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK

Boring No. B-7
Station 393+16.81
Offset 88.91ft Rt. from PCL
Elevation 591.08 ft

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
		-55	7 10 13	5.1 B	13
BORING COMPLETED AT 55.0 FEET	586.08				
		-60			
		-65			
		-70			
		-75			

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

DESIGNED	AJN
CHECKED	JAP
DRAWN	ABW
CHECKED	EL

BORING LOGS V
WILLOW ROAD OVER
MILWAUKEE AVENUE
(IL RTE. 21/U.S. 45)
F.A.P. RTE. 305
SECTION 2004-088B
COOK COUNTY
STA. 391+71.02 ℄ WILLOW RD.
STR. NO. 016-2786

EDWARDS AND KELCEY

12/28/2004 12:39:56 AM
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