STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62B29

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	79
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

SHEET NO. SA-26
OF SHEETS SA-30

BORING B-2 (CONT.)

Everest Engineering Company
STRUCTURE BORING LOG

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Date 8/16/00

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

Boring No. B-2
Station 390+36.00
Offset 82.98ft Lt. from PCL
Elevation 589.99 ft

DEPTH	BLOWS	Qu tsf	W %
-55	7 12 14	6.2 B	20
-60	5 10 11	5.4 B	22

579.99
BORING COMPLETED AT 60.0 FEET

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 B-3

Everest Engineering Company
STRUCTURE BORING LOG

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Date 8/16/00

ROUTE FAP 305 DESCRIPTION PALATINE/WILLOW ROAD OVER MILWAUKEE AVENUE
SECT. 211K-R-1 STRUCT. NO. 016-0529 (EXISTING)) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION WEST PIER S. 24 . TWP. T42N . RNG. R11E

Boring No. B-3
Station 391+34.87
Offset 37.98ft Rt. from PCL
Surface Elev. 640.88 ft

Surface Water Elev. N/A
Groundwater Elev.:
when drilling 631.4
at Completion 630.9
after 24 Hrs. 630.9

Stiff, Brown and Black SILTY CLAY
little to some - sand and gravel
traces - organics

DEPTH	BLOWS	Qu tsf	W %
	4 3 5	- -	6
-5	3 3 3	1.0 P	16
	11 12 11	- -	6
-10	4 8 12	- -	6
	4 6 10	3.5 P	18
-15	4 5 6	- -	22
	4 6 7	- -	20
-20	1 2 3	1.0 B	14
	4 4 6	2.2 B	14
-25	7 7 11	4.6 B	14

634.38
(MISCELLANEOUS FILL)
Medium Dense, Brown Fine to Coarse SAND
little - gravel

630.38
Very Stiff, Gray SILTY CLAY
traces - sand and gravel

629.38
Medium Dense, Gray Fine to Medium SAND
traces to little - silt

624.38
Medium Dense, Gray SILTY LOAM
little - sand

622.38
Stiff to Hard, Gray SILTY CLAY
traces - sand and gravel

614.88
Very Dense, Gray SILT
traces - sand and clay

613.38
Hard to Very Hard, Gray SILTY CLAY LOAM
traces to little - sand and gravel

DEPTH	BLOWS	Qu tsf	W %
	21 40 30	- -	12
-30	6 10 10	7.1 B	13
-35	7 13 18	10.1 B	13
-40	22 38 42	- -	-
-45	7 11 16	7.1 B	14
-50	7 15 24	9.6 B	13

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

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Date 8/16/00

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

Boring No. B-3
Station 391+34.87
Offset 37.98ft Rt. from PCL
Elevation 590.88 ft

DEPTH	BLOWS	Qu tsf	W %
-55	6 11 13	7.1 B	12

585.88
BORING COMPLETED AT 55.0 FEET

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 II
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 10:29:30 AM
P:\0000950\Roads\Advance Contract\A4\Structural\Mlw-Plans\mlw-25-30.dgn