

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829	PLAN/RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. SA-25
	305	2004-088B	COOK	145	78	OF SHEETS SA-30
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-				

BORING B-1

BORING B-2

Everest Engineering Company
STRUCTURE BORING LOG
Page 1 of 2
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 ABUTMENT S. 24, TWP. T42N, RNG. R11E

Boring No.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O			when drilling	P	O		
	T	W			at Completion	T	W		
Surface Elev.	H	S	tsf	%	after 24 Hrs.	H	S	tsf	%
B-1 390+64.23 78.18ft Rt. from PCL 642.86 ft					N/A				
Dark Brown and Black, TOPSOIL	641.86								
Very Stiff, Brown and Black SILTY CLAY traces - sand, gravel, organics, roots and wood	5 10 12	3.5 P	22			5 7 12	6.5 B	14	
Extremely Dense, Gray SILT traces - sand and clay	6 8 5	-	11		614.36	24 43 42	-	15	
(FILL) Medium Dense to Dense, Brown Fine to Coarse SAND little - gravel	637.36	5 6 5	-	10	612.86	30			
Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	6 13 17	-	5			6 11 15	7.9 B	12	
Very Stiff, Gray SILTY CLAY traces - sand and gravel	631.36	2 4 6	3.5 B	18					
Medium Dense, Gray Fine to Medium SAND traces to little - silt	628.86	5 12 10	-	17		5 18 22	6.5 B	10	
Medium Dense, Gray SILTY LOAM traces to little - sand and clay	625.36	5 8 9	-	22					
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel	621.86	3 3 5	1.7 B	14		7 9 13	4.8 B	12	
		3 7 11	5.6 B	14		10 15 27	7.2 B	11	

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.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O			when drilling	P	O		
	T	W			at Completion	T	W		
Surface Elev.	H	S	tsf	%	after 24 Hrs.	H	S	tsf	%
B-1 390+64.23 78.18ft Rt. from PCL 592.86 ft					N/A				
Dark Brown and Black, TOPSOIL	641.86								
Very Stiff, Brown and Black SILTY CLAY traces - sand, gravel, organics, roots and wood	5 10 12	3.5 P	22			5 7 12	6.5 B	14	
Extremely Dense, Gray SILT traces - sand and clay	6 8 5	-	11		614.36	24 43 42	-	15	
(FILL) Medium Dense to Dense, Brown Fine to Coarse SAND little - gravel	637.36	5 6 5	-	10	612.86	30			
Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel	6 13 17	-	5			6 11 15	7.9 B	12	
Very Stiff, Gray SILTY CLAY traces - sand and gravel	631.36	2 4 6	3.5 B	18					
Medium Dense, Gray Fine to Medium SAND traces to little - silt	628.86	5 12 10	-	17		5 18 22	6.5 B	10	
Medium Dense, Gray SILTY LOAM traces to little - sand and clay	625.36	5 8 9	-	22					
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel	621.86	3 3 5	1.7 B	14		7 9 13	4.8 B	12	
		3 7 11	5.6 B	14		10 15 27	7.2 B	11	

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

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 ABUTMENT S. 24, TWP. T42N, RNG. R11E

Boring No.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L			Groundwater Elev.:	E	L		
Offset	P	O			when drilling	P	O		
	T	W			at Completion	T	W		
Surface Elev.	H	S	tsf	%	after 24 Hrs.	H	S	tsf	%
B-2 390+36.00 82.98ft Lt. from PCL 639.99 ft					N/A				
Dark Brown and Black, TOPSOIL	638.99								
Very Stiff, Brown and Black SILTY CLAY traces - sand, gravel, organics, roots and wood	10 7 7	3.5 B	17		613.99	6 8 11	6.9 B	12	
(FILL) Loose to Medium Dense, Brown Fine to Medium SAND little to some - gravel traces - silt and clay	636.49	7 4 4	-	19		7 11 14	6.9 B	12	
Hard to Very Hard, Gray SILTY CLAY LOAM traces - sand and gravel	633.99	10 8 8	-	16					
GRAVEL at 9 feet	630.99	5 8 10	-	10		5 14 20	10.2 S	17	
Very Stiff, Gray SILTY CLAY traces - sand and gravel	628.99	2 4 10	3.4 B	21					
Dense, Gray SILTY traces - sand and clay	626.49	3 8 10	-	25		5 24 16	-	14	
Medium Dense, Gray SILTY LOAM traces to little - sand and clay	620.99	7 8 8	-	18					
Hard to Very Hard, Gray SILTY CLAY LOAM traces - sand and gravel	617.99	4 4 3	0.75 P	15		7 18 13	6.5 S	12	
Medium Stiff to Hard, Gray SILTY CLAY traces - sand and gravel	615.99	4 6 11	4.2 B	15					
		4 7 10	4.4 B	15		13 21 21	7.3 B	10	

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

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DESIGNED	AJN
CHECKED	JAP
DRAWN	ABW
CHECKED	EL

BORING LOGS I
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