

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING B-5 (CONT.)

BORING B-6

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
Station	E	L	tsf	%
Offset	P	O		
	T	S		
Elevation	H			
B-5				
392+50.46				
39.20ft Rt. from PCL				
590.40 ft				
	12	4.5+	12	
	18	P		
	22			
	25	4.5+	9	
	56	P		
	54			
Gravels at 59 feet				
580.40				
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

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 EAST PIER S. 24., TWP. 142N., RNC. R11E

Boring No.	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
Station	E	L	tsf	%		E	L	tsf	%
Offset	P	O			when drilling	T	S		
	T				at Completion	H			
Surface Elev.	H				after 24 Hrs.				
B-6					N/A				
392+38.81									
37.26ft Lt. from PCL					628.8				
640.26 ft					631.8				
Crushed Stones									
	3	1.5	12		Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel		7	8.7	12
	3	P					12	S	
	4						19		
Stiff, Brown SILTY CLAY traces - sand, gravel and organics									
(FILL)	4	-	6				7	8.0	12
636.26	5						11	B	
Medium Dense, Brown and Gray Sand and Gravel little - clay							17		
(FILL)	4	2.5	23						
633.76	4	P							
Very Stiff, Brown SILTY CLAY traces - sand and gravel									
631.76	6	-	10				10	10.1	12
Medium Dense, Brown SAND little to some - gravel traces - fines							15	S	
	9						22		
Very Stiff, Gray SILTY CLAY traces - sand and gravel									
629.26	4	2.1	19						
	6	B							
	7								
Fine SAND									
626.76	4	4.1	14				8	8.7	15
Very Stiff to Hard, Gray SILTY LOAM traces to little - sand and clay							16	B	
	7	B					22		
	15								
Stiff to Hard, Gray SILTY CLAY traces - sand and gravel									
622.76	5	3.9	14						
	7	B							
	9								
	1	1.6	16				8	6.0	14
	2	B					21	B	
	4								
	3	2.2	16						
	5	B							
	7								
	5	4.5+	10				15	10.1	9
	7	P					27	B	
	12						36		
615.26									

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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ROUTE FAP 305  
SECTION 211K-R-1  
COUNTY COOK

Boring No.	D	B	Qu	W
Station	E	L	tsf	%
Offset	P	O		
	T	S		
Elevation	H			
B-6				
392+38.81				
37.26ft Lt. from PCL				
590.26 ft				
	7	6.0	16	
	14	B		
	20			
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 IV  
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