

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT 62829

F.A.P. RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	124
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SHEET NO. SB-41
OF SHEETS SB-44

BORING B-23 (CONT.)

Page 2 of 2
Date 7/18/00

Everest Engineering Company
STRUCTURE BORING LOG

STRUCTURE NO. 016-0530 (EXISTING)
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK

Boring No. B-23
Station 397+76.82
Offset 24.53 ft Rt. from PCL
Elevation 602.38 ft

DEPTH (ft)	LOG	QUANTITY	WATER	DEPTH (ft)	LOG	QUANTITY	WATER
T	W	tsf	%	T	W	tsf	%
9	9.9	16					
15	B						
23							
576.38	Very Dense, Gray SILTY traces - sand and clay						
599.38	Very Dense, Gray SILTY traces - sand and clay						
17	-	18		13	-	21	
30				24			
32				34			
572.38	BORING COMPLETED AT 80.0 FEET						
596.88	Very Stiff to Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel						
5	6.0	15					
10	B						
18							
8	7.0	14					
13	B						
21							
10	7.8	10					
17	B						
31							
10	5.2	11					
16	B						
22							
6	3.3	23					
6	B						
8							

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-24

Page 1 of 2
Date 7/18/00

Everest Engineering Company
STRUCTURE BORING LOG

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER
SECT. 211K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION CENTRAL PIER, NORTH SIDE S. 19, TWP. T 42 N., RING. R 12 E

Boring No. B-24
Station 397+76.83
Offset 25.39 ft Lt. from PCL
Surface Elev. 653.89 ft

DEPTH (ft)	LOG	QUANTITY	WATER	DEPTH (ft)	LOG	QUANTITY	WATER
T	W	tsf	%	T	W	tsf	%
653.29	BRIDGE DECK - CONCRETE						
625.89	Very Loose to Loose, Gray SILTY LOAM traces - organics and woods						
0	-	20					
0							
0							
621.39	Very Stiff, Gray SILTY CLAY traces - sand, gravel and woods						
1	-	15					
3							
2							
2	2.1	17					
7	B						
4	3.0	16					
7	B						
11							
5	3.4	17					
7	B						
15							
613.39	Very Dense, Gray SILTY LOAM traces - sand and clay						
9	-	17					
43							
29							
611.39	Hard to Very Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel						
8	5.2	14					
17	S						
15							
11	5.0	13					
13	B						
17							
13	8.2	14					
29	B						
46							

SURFACE WATER (in Desplaines River) 631.00

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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Date 7/18/00

Everest Engineering Company
STRUCTURE BORING LOG

STRUCTURE NO. 016-0530 (EXISTING)
ROUTE FAP 305
SECTION 211K-R-1
COUNTY COOK

Boring No. B-24
Station 397+76.83
Offset 25.39 ft Lt. from PCL
Elevation 603.89 ft

DEPTH (ft)	LOG	QUANTITY	WATER	DEPTH (ft)	LOG	QUANTITY	WATER
T	W	tsf	%	T	W	tsf	%
603.39	Medium Dense to Very Dense, Gray SILTY traces - sand and clay						
10	-	23					
35							
42							
577.89	Medium Dense, Gray SILTY traces - sand and clay						
8	-	27		11	-	22	
12				12			
17				14			
598.89	Hard, Gray SILTY CLAY LOAM traces to little - sand and gravel						
12	7.0	16					
23	B						
27							
11	6.8	17					
17	B						
25							
14	5.0	15					
25	B						
28							
9	5.4	18					
13	B						
20							
13	-	-					
21							
29							

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	EL
CHECKED	JAS
DRAWN	ABW
CHECKED	EL

BORING LOGS IV
WILLOW ROAD OVER
DES PLAINES RIVER
F.A.P. RTE. 305
SECTION 2004-088B
COOK COUNTY
STA. 397+76.18
STR. NO. 016-0530

EDWARDS AND KELCEY