

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET NO.
F.A.P. 305	#	COOK	193	170
FED. ROAD DIST.		ILLINOIS	FED. AID PROJECT	
#1313J B		Contract No. 6287B		

SHEET NO. 3
3 SHEETS

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 7/13/00

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21
SECT. (1313.1.1415&1516)R STRUCT. NO. _____ DRILLED BY TSC/L-49.791
COUNTY Cook LOCATION E. Side of Elmurst S. of Pal. S. 23. TWP. 42N. RNG. 11E

Boring No. <u>RW-10</u> Station <u>363+99</u> Offset <u>206.00ft RT</u> Surface Elev. <u>660.40</u> ft	D E P T H	B L O W S	B L O W S	Ou tsf	W %	Surface Water Elev. _____ Groundwater Elev.: when drilling <u>649.9</u> at Completion <u>632.9</u> after _____ Hrs.	D E P T H	B L O W S	B L O W S	Ou tsf	W %
3" Bituminous Concrete						634.90					
8" P.C. Concrete						632.40					
4" SAND and GRAVEL		3	4	18.6							
FILL - Brown and gray CLAY LOAM, trace gravel, moist		6	8	15.0	16.6	629.90					
A-6 Op=4.5+ TSF		10	11	2.5	19.4	625.40					
Very tough to hard brown CLAY LOAM, trace gravel, moist		8	10	3.5	16.8	625.40					
A-6		10	10	15%		625.40					
Very tough gray CLAY, moist		8	10	3.5	16.8	625.40					
A-6		10	10	15%		625.40					
End of Boring at 35.0'											
CME 75 on 4x6 Mack Truck (Rig #173) CME Automatic Hammer 3.25" (83 mm) ID HSA		3	5	19.7							
		3	5	23.8							
Loose to firm gray fine SAND, trace gravel, saturated		4	5	23.3							
A-1-b		8	10	20.7							
Tough to very tough gray CLAY, moist (A-7-6)		7	10	1.9	22.8						
A-6/A-7-6		10	10	15%							

11/25/01
11/25/01
11/25/01

SPT. (N) = Sum of last two blow values in sample. (Ou) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 6/10/00

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21
SECT. (1313.1.1415&1516)R STRUCT. NO. _____ DRILLED BY TSC/L-49.791
COUNTY Cook LOCATION E. Side of Elmurst S. of Pal. S. 23. TWP. 42N. RNG. 11E

Boring No. <u>RW-11</u> Station <u>364+00</u> Offset <u>301.00ft RT</u> Surface Elev. <u>659.80</u> ft	D E P T H	B L O W S	B L O W S	Ou tsf	W %	Surface Water Elev. _____ Groundwater Elev.: when drilling <u>646.8</u> at Completion _____ after _____ Hrs.	D E P T H	B L O W S	B L O W S	Ou tsf	W %
3 1/2" Bituminous Concrete						634.30					
7" P.C. Concrete						632.80					
3 1/2" Crushed Stone		2	3	1.75	25.5						
Black SILTY CLAY (topsoil), very moist		4	5	18.6							
Op=4.25 TSF		4	5	6.6	18.2						
Hard brown CLAY, trace gravel, moist		7	7	7.0	18.0						
A-6		8	8	15%							
Firm gray silty SAND and GRAVEL, saturated		10	12	3.7	18.8						
A-2-4		12	12	15%							
Very tough gray CLAY, moist		10	12	3.7	18.8						
A-6		12	12	15%							
End of Boring at 35.0'											
CME 75 on 4x6 Mack Truck (Rig #173) CME Automatic Hammer Hollow Stem Drill		3	3								
Loose gray fine SAND, saturated		1	2								
A-1-b		2	3								
Loose gray SILTY LOAM, very moist		3	4	1.0	18.9						
A-4		4	4	15%							
Firm gray layers of SILT and SILTY CLAY LOAM, very moist (A-4/A-6)		5	5	1.9	21.6						
Tough gray CLAY, moist A-6/A-7-6		6	6	15%	21.5						
		7	7	1.9	22.8						
		10	10	15%							

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BRANCO & ZROKA ENGINEERING, P.C.

DESIGNED	LAS
CHECKED	DAZ
DRAWN	SAW
CHECKED	LAS

November 2004

BORING LOGS
RETAINING WALL NO. 4
FAP 305/PALATINE ROAD
SECTION 1313.1 B
COOK COUNTY
STA. 748+23.64 TO STA. 747+21.92
STRUCTURE NO. 016-W789