

PROJECT NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	2004-088B	COOK	145	125
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

**BORING B-25**

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Date 7/14/00

Everest Engineering Company  
**STRUCTURE BORING LOG**

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER  
SECT. 21K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.  
COUNTY COOK LOCATION EAST PIER, SOUTH SIDE S. 19., TWP. T 42 N., RNG. R 12 E

DEPTH	TEST	REMARKS	DEPTH	TEST	REMARKS
Surface Elev.		635.62 ft	Surface Water Elev.		N/A
			Groundwater Elev. when drilling		603.1
			at Completion		606.6
			after 24 Hrs.		629.6
635.62	B	2 3.6 12	609.12	B	11
	B	4 5	606.62	B	19 20
	B	3 2.1 19		B	7 4.1 14
	B	3 6		B	7
	B	3 4.1 13		B	9 2.0 27
	B	6 8		B	5 7
	B	4 3.5 15		B	4 10 16
	B	4 4		B	9 7.4 15
	B	9		B	10 14
	B	5 5.8 13		B	3 1.2 15
	B	7 9		B	3 2.0 14
	B	11 15		B	4 10
	B	3 3.6 15		B	16
	B	11 7		B	7 7.6 11
	B	4 3.5 14		B	8 4.5+ 11
	B	5 8		B	11
	B	11		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

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Date 7/14/00

Everest Engineering Company  
**STRUCTURE BORING LOG**

STRUCTURE NO. 016-0530 (EXISTING)  
ROUTE FAP 305  
SECTION 21K-R-1  
COUNTY COOK

DEPTH	TEST	REMARKS	DEPTH	TEST	REMARKS
			578.62	B	14 20
			576.62	B	15 20
				B	15

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-26**

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Date 7/14/00

Everest Engineering Company  
**STRUCTURE BORING LOG**

ROUTE FAP 305 DESCRIPTION PALATINE ROAD OVER DESPLAINES RIVER  
SECT. 21K-R-1 STRUCT. NO. 016-0530 (EXISTING) DRILLED BY PATRICK DRILLING INC.  
COUNTY COOK LOCATION EAST PIER, NORTH SIDE S. 19., TWP. T 42 N., RNG. R 12 E

DEPTH	TEST	REMARKS	DEPTH	TEST	REMARKS
Surface Elev.		635.77 ft	Surface Water Elev.		N/A
			Groundwater Elev. when drilling		619.8
			at Completion		628.3
			after 72 Hrs.		630.8
634.77	B	2 2.6 15	610.27	B	1 6 8.0 12
	B	3 4	608.27	B	7 17
	B	2 1.5 19		B	8 14
	B	2 2		B	24
	B	2 2.1 20		B	
	B	3		B	
	B	3 1.9 20		B	7 10.1 14
	B	3		B	20
	B	0 1.2 20		B	
	B	1 2		B	
	B	1 1.5 22		B	6 7.6 13
	B	2 2		B	11 18
	B	3 20		B	
	B	0 3		B	22 17
	B	12 1.9 15		B	37 45
	B	11 7		B	
	B	5 16		B	
	B	6		B	
	B	50/3"		B	
	B	5 16		B	6 6.6 10
	B	24 16		B	9 14
	B	5 16		B	
	B	24 16		B	
	B	35		B	

very silty at 43+/- 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	EL
CHECKED	JAS
DRAWN	ABW
CHECKED	EL

**BORING LOGS V  
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**