

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	57B-31	COOK	62	43
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				
CONTRACT NO. 60440				

Patrick Engineering, Inc.
STRUCTURE BORING LOG

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Date 8/8/01

ROUTE FAP-0350 DESCRIPTION IL 50 over N. Branch Chicago River
 SECT. 57B-NRN-3 STRUCT. NO. 016-2782 DRILLED BY PDI SEO 9260.B0
 COUNTY Cook LOCATION Chicago, IL S. 3&4, TWP. 40N, RNG. 13E

Boring No.	DEPTH	BLOW	QU	W	Surface Water Elev.	DEPTH	BLOW	QU	W
					Groundwater Elev.:				
					when drilling				
					at Completion				
					after	Hrs.			
B-2					578.7	N/A			
Station	24 + 43.97								
Offset	25.00ft L								
Surface Elev.	604.70 ft								
Asphalt 8" over 11" PCC									
Mottled brown clay fill, trace organics, stiff to medium stiff, moist									
	603.10	1	1.45	16			6	2.56	16
		2					10		
		3					9		
Auger refusal at 28.2'									
		2	1.24	15	576.50				
		3							
		4							
Boring grouted upon completion.									
Possible utility tunnel at 28.2'									
Broken sample									
	597.20	1	.75	27					
		2							
Brown and gray clay loam fill, organic fibers, moist									
		1	1.0	31					
		1							
Broken sample									
		1							
Brown clay, stiff to very stiff, moist									
	592.30	0	1.03	26					
		1							
		2							
Sampler and auger refusal									
		3	3.51	21					
		6							
		9							
Grades with wood and crushed stone									
		5	1.86	21					
		7							
		10							
Wood									
			2.48	22					
Wood and crushed stone									
	584.20	4	2.89	19					
		6							
		10							
Stiff to very stiff									
		4	2.89	19					
		8							
		12							

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

Patrick Engineering, Inc.
STRUCTURE BORING LOG

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Date 8/9/01

ROUTE FAP-0350 DESCRIPTION IL 50 over N. Branch Chicago River
 SECT. 57B-NRN-3 STRUCT. NO. 016-2782 DRILLED BY PDI SEO 9260.B0
 COUNTY Cook LOCATION Chicago, IL S. 3&4, TWP. 40N, RNG. 13E

Boring No.	DEPTH	BLOW	QU	W	Surface Water Elev.	DEPTH	BLOW	QU	W
					Groundwater Elev.:				
					when drilling				
					at Completion	Hrs.			
B-3					Dry				
Station	23 + 02.72								
Offset	26.00ft R								
Surface Elev.	604.68 ft								
Asphalt 8" over 11" PCC									
Gray brown silty clay fill, trace organics, stiff, moist									
	603.08								
Gray clay very stiff to hard with wood pieces, moist									
		1	.99	19			5	4.54	17
		3					8		
		3					12		
Grades with wood and crushed stone									
		2	.91	21			8	4.54	17
		2					11		
		3					12		
Wood									
	595.18	1	.66	18					
		1					5	3.5	15
		2					11		
Gray clay (possible fill), medium stiff to stiff, moist									
		1	.62	23					
		1					5	3.5	15
		2					11		
Grades with wood and crushed stone									
		2	.50	25			6	5.0	11
		2					12		
		2					15		
Wood									
		4	1.5	21					
		11					7	6.40	13
		3					12		
Wood and crushed stone									
		6		98					
		3					7	6.40	13
		11					12		
Stiff to very stiff									
		7	3.5	77					
		12					16	1.65	23
		7					26		
No recovery									
	579.68	4					36		
		5							
		7							

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Patrick Engineering, Inc.
STRUCTURE BORING LOG

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Date 8/9/01

STRUCTURE NO. 016-2782 ROUTE FAP-0350
 SECTION 57B-NRN-3 SECTION 57B-NRN-3
 COUNTY Cook COUNTY Cook

Boring No.	DEPTH	BLOW	QU	W	Surface Water Elev.	DEPTH	BLOW	QU	W
					Groundwater Elev.:				
					when drilling				
					at Completion	Hrs.			
B-3					Dry				
Station	23 + 02.72								
Offset	26.00ft R								
Surface Elev.	554.68 ft								
Gray clay, stiff to hard, moist									
		16	4.5	10					
		26							
		36							
Gray silty clay, hard, moist									
	551.18	16	4.5	10					
		26							
		36							
Sampler and auger refusal									
	540.48	50/4"	4.5+	22					
Hard, fresh, gray, dolomite limestone with tight undulation horizontal joints.									
Open planar horizontal joint at 68.7'									
NX Rock Core 64.25' to 74.25'									
100% Recovery									
97% HQD									
Chert nodules at 69.2'									
Stylolite bedding at 73.3'-73.6'									
End of Boring at 74.2'									

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



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BORING LOGS 1
 FAP 350 IL ROUTE 50 (CICERO AVE.) OVER
 NORTH BRANCH OF THE CHICAGO RIVER
 COOK COUNTY STATION 23+65.80
 SECTION 57B-31
 STRUCTURE NO. 016-2782

SCALE: NONE DRAWN BY: M. Beiton
 DATE: AUGUST 18, 2006 CHECKED BY: R. Clinton