

SOIL BORING LOG

Date 3/8/10

ROUTE FAU 2578 (IL 53) DESCRIPTION Near US Route 20 LOGGED BY M. Dell
 SECTION 532B LOCATION SW 1/4, SEC. 18, TWP. 40 N, RNG. 11 E, 3rd PM
 COUNTY Cook DRILLING METHOD CME 750; 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	
					721.76 ft	
BORING NO. Station	T H	W S	Q u	S T	Groundwater Elev.:	
					NA ft	
112+92					First Encounter	NA ft
46.00ft Rt					Upon Completion	NA ft
727.20 ft					After	
	(ft)	(/ft)	(tsf)	(%)		
Stiff to Very Stiff Gray CLAY, trace sand and gravel (continued)	2					
Grades to trace sand	3	1.9		18		
685.70	6	B				
Note: Accurate water levels not possible due to the addition of drilling water.						
End of Boring						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

Date 3/31/10

ROUTE FAU 2578 (IL 53) DESCRIPTION Near US Route 20 LOGGED BY M. Esposito
 SECTION 532B LOCATION SW 1/4, SEC. 18, TWP. 40 N, RNG. 11 E, 3rd PM
 COUNTY Cook DRILLING METHOD CME 750; 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	
					721.76 ft	
BORING NO. Station	T H	W S	Q u	S T	Groundwater Elev.:	
					704.3 ft	
114+02					First Encounter	704.3 ft
47.00ft Rt					Upon Completion	Dry ft
729.30 ft					After 24 Hrs.	719.5 ft
	(ft)	(/ft)	(tsf)	(%)		
Hard Brown SILTY CLAY, with trace organics				19		
Medium Dense Brown Coarse SAND and GRAVEL	2	4.5		16		
728.05	3	P		5		
	12					
Very Stiff to Hard Brown/Gray SILTY CLAY	3					
	4	3.6		19		
	5	B				
	3					
	5	4.3		17		
	5	B				
	4					
	6	5.8		16		
	8	B				
Very Stiff Gray SILTY CLAY						
717.30	3					
	4	3.5		15		
	5	B				
	3					
	4	2.5		17		
	5	B				
Possible sand seam at 16.5 ft						
	2					
	3	3.0		16		
	5	B				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, from 137 (Rev. 8-99)

SOIL BORING LOG

Date 4/12/10

ROUTE FAU 2578 (IL 53) DESCRIPTION Near US Route 20 LOGGED BY M. Dell
 SECTION 532B LOCATION SW 1/4, SEC. 18, TWP. 40 N, RNG. 11 E, 3rd PM
 COUNTY Cook DRILLING METHOD CME 750; 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T	Surface Water Elev.	
					721.76 ft	
BORING NO. Station	T H	W S	Q u	S T	Groundwater Elev.:	
					Dry ft	
115+05					First Encounter	Dry ft
41.00ft Rt					Upon Completion	Dry ft
729.99 ft					After	
	(ft)	(/ft)	(tsf)	(%)		
Asphalt Pavement						
Brown SAND and GRAVEL	2					
728.99	3	1.9		18		
	3	B				
	2					
	2	1.7		18		
	4	B				
	2	0.8		23		
	2	P				
	2					
	2	2.7		22		
	5	B				
	2					
	3	2.0		19		
	3	P				
	2					
	3	2.6		20		
	2	B				
	2					
	3	2.5		17		
	5	P				
	2					
	2	1.8		18		
	4	P		15		
	3					
	3	3.8		16		
	6	B				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
 BBS, from 137 (Rev. 8-99)

DESIGNED - N/A
CHECKED - N/A
DRAWN - A.Y.
CHECKED - R.L.D.

BORING LOGS


PATRICK ENGINEERING INC.
 4970 VARSITY DRIVE
 LISLE, IL 60532
 patrickengineering.com

SHEET NO. S25 OF S25	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 604
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			