

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 Qu	M O I S T	Surface Water Elev.		
					721.76 ft	ft	
BORING NO. TW-2A Station 112+92 Offset 46.00R Rt Ground Surface Elev. 727.20 ft					Groundwater Elev.:		
					First Encounter NA ft		
					Upon Completion NA ft		
					After Hrs.		
Stiff to Very Stiff Gray CLAY, trace sand and gravel (continued) Grades to trace sand 685.70 Notes: Accurate water levels not possible due to the addition of drilling water. End of Boring	2						
	3	1.9	18				
	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)

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 Qu	M O I S T	Surface Water Elev.		
					721.76 ft	ft	
BORING NO. TW-3 Station 114+02 Offset 47.00R Rt Ground Surface Elev. 729.30 ft					Groundwater Elev.:		
					First Encounter 704.3 ft		
					Upon Completion Dry ft		
					After 24 Hrs. 719.5 ft		
Hard Brown SILTY CLAY, with trace organics Medium Dense Brown Coarse SAND and GRAVEL Very Stiff to Hard Brown/Gray SILTY CLAY Very Stiff Gray SILTY CLAY Possible sand seam at 16.5 ft							

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 Qu	M O I S T	Surface Water Elev.		
					721.76 ft	ft	
BORING NO. TW-4 Station 115+05 Offset 41.00R Rt Ground Surface Elev. 729.99 ft					Groundwater Elev.:		
					First Encounter Dry ft		
					Upon Completion Dry ft		
					After Hrs.		
Asphalt Pavement Brown SAND and GRAVEL Medium Stiff Dark Gray SILTY CLAY, trace sand and gravel (Fill) Stiff to Very Stiff Brown and Gray CLAY, trace sand Sample 3 - Partially disturbed; tree root in sample With occasional sand seams Stiff to Very Stiff Gray CLAY, trace sand and gravel Grades to with sand Approx. 6 inch thick sand seam at 16 ft Sand seam at 17.5 ft							

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			