

Illinois Department of Transportation SOIL BORING LOG Page 2 of 2
 Date 6/18/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
 BORING NO. RW-03
 Station
 Offset
 Ground Surface Elev. 618.36 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft					
				Stream Bed Elev. _____ ft					
				Groundwater Elev.: _____ ft					
				First Encounter _____ ft					
				Upon Completion _____ ft					
				After _____ Hrs. _____ ft					
0				Sandy clay, trace gravel, gray, sand seam at 38.5, very stiff (continued)	0				
576.36				Clay, trace sand & gravel, gray, hard	11	8.1	14.1		
571.36				Crushed limestone, some silt, gray, wet, very dense	36			9.0	
568.36				End of Boring	50				

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)

Illinois Department of Transportation SOIL BORING LOG Page 1 of 1
 Date 6/18/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
 BORING NO. RW-04
 Station
 Offset
 Ground Surface Elev. 618.20 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft					
				Stream Bed Elev. _____ ft					
				Groundwater Elev.: _____ ft					
				First Encounter _____ ft					
				Upon Completion _____ ft					
				After _____ Hrs. _____ ft					
0				10" concrete over crushed stone	0				
616.20				Silty clay, trace gravel & sand, brown & gray, stiff	3	1.5	21.8		
615.20				Silty clay, trace sand & gravel, brown & gray, 2" sand seam at 8.7, very stiff to hard	2	4.2	22.7		
592.20				Clay, trace sand & gravel, gray, hard	5	3.4	19.1		
607.20				Clay, trace gravel, shale & sand, gray, very stiff to hard	3	2.5	15.7		
578.20				End of Boring	40				

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)

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2
 Date 6/8/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
 BORING NO. RW-05
 Station
 Offset
 Ground Surface Elev. 618.81 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLU (ft)	UCS (tsf)	MOISTURE (%)	DESCRIPTION
0				Surface Water Elev. _____ ft					
				Stream Bed Elev. _____ ft					
				Groundwater Elev.: _____ ft					
				First Encounter _____ ft					
				Upon Completion _____ ft					
				After _____ Hrs. _____ ft					
0				Crushed stone	0				
617.81				Silty clay, trace gravel, brown & gray, very stiff	1	2.7	21.3		
595.81				Clay, some silt, trace gravel, gray, hard	7	6.9	11.6		
612.81				Fine to coarse sand and fine gravel, some clay, brown & gray, moist, loose to medium dense	3	2.5	25.5		
607.81				Clay, trace silt & gravel, gray, very stiff	3	4.0	16.5		
578.20				End of Boring	40				

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)

FILE NAME = P:\62155877\002 CAD\001 Drawings\Sheets\Structural\016-7726-IDD1-sh163-Boring_Logs.dgn



USER NAME = dabeziad	DESIGNED - DD	REVISED -
PLOT SCALE = 8 1/2" = 1'	DRAWN - DD	REVISED -
PLOT DATE = 2/17/2011	CHECKED - EJO	REVISED -
	DATE - 01/10/2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 63 OF 65 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	153
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	