



600 Territorial Drive, Suite G
 Bolingbrook, IL 60440
 Ph: 630-754-8700
www.interra.co

SOIL BORING LOG

Date 4/11/12

ROUTE FAP 305 DESCRIPTION FAP Route 305 (Willow Road) LOGGED BY SC

SECTION (1920.01,1518,2022&1922,4B)R LOCATION FAP 305

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 016-2844
 Station 714+86.89

BORING NO. SB-11
 Station 714+04.19
 Offset 10.14ft RT
 Ground Surface Elev. 632.95 ft

DEPTH (ft)	BLOW VALUE (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW VALUE (/6")	UCS (tsf)	MOISTURE (%)
632.53				5" ASPHALT				
631.53	9			12" CONCRETE	611.95			
	6	4.5	13.6	Hard Brown, Moist CLAY (fill)			1.3	14.7
	8	P					B	
				PID Reading = 0 ppm	609.95			
	5			Shelby Tube (21'-23')				
	6	4.5	15.0	PID Reading = 0 ppm			3	
	6	P		Very Stiff Gray, Moist CLAY			5	2.0
627.45	-5						6	P
				PID Reading = 0 ppm				
	3			Soft, Brown to Gray, Moist CLAY			3	
	2	0.5	18.5	trace organics			4	2.0
	3	P					6	P
				PID Reading = 0 ppm				
624.95				Organic Content = 2.0%			3	
	2	0.5	17.5	Soft, Black, Moist CLAY (possible buried topsoil)			4	2.0
	3	P					7	P
622.45				PID Reading = 0 ppm	602.95	-30		
				Organic Content = 4.1%				
	3			Very Stiff Greenish Gray, Moist CLAY				
	3	3.0	19.5					
619.95				PID Reading = 0 ppm				
	2			Very Stiff Brown, Moist CLAY				
	3	2.3	20.0					
617.95	-15			PID Reading = 0 ppm				
	7			Hard Gray, Moist CLAY				
	13	10.1	12.8					
	18	B		Shelby tubes (18'-20')				
614.95				PID Reading = 0 ppm				
				Very Stiff Gray, Moist CLAY				
		3.0	14.3					
-20								

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)

5:46:29 PM - G:\CHIN\058\Bridges\CADD\Sheets\0162844-D160135-30-BL065.dgn

12/5/2012



USER NAME = jrmickow	DESIGNED - JRM	REVISED -
	CHECKED - MDS	REVISED -
PLOT SCALE = 2:0.0000 1' = 10'	DRAWN - DMG	REVISED -
PLOT DATE = 12/5/2012	CHECKED - MDS	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS
 STRUCTURE NO. 016-2844

SHEET NO. 30 OF 30 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0305	(1920.01,1518,2022&1922,4B)R	COOK	919	480
CONTRACT NO. 60T35			ILLINOIS FED. AID PROJECT	