

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/ft)	Qu (tsf)	Moisture Content (%)
574.2	13.75-inch CONCRETE --PAVEMENT--								--In-Situ Vane Shear, 25.5 feet-- --Su undis = 854.7 psf-- --Su remold = 699.3 psf-- --Sensitivity = 1.22--	7	7				
573.8	4-inch thick ASPHALT --PAVEMENT--								--In-Situ Vane Shear, 28.0 feet-- --Su undis = 906.5 psf-- --Su remold = 725.2 psf-- --Sensitivity = 1.25--30	8	8				
570.9	Medium dense, brown CRUSHED STONE --FILL--								--In-Situ Vane Shear, 30.5 feet-- --Su undis = 1217.3 psf-- --Su remold = 906.5 psf-- --Sensitivity = 1.34--	9	9				
	Very soft to medium stiff, gray SILTY CLAY to SILTY CLAY LOAM, trace gravel							543.6	Gray SILT						
	--In-Situ Vane Shear, 10.5 feet-- --Su undis = 932.4 psf-- --Su remold = 569.8 psf-- --Sensitivity = 1.63--							541.1	Very stiff, gray SILTY CLAY, trace gravel	35	13				
	--LL(%)=33, PL(%)=15-- --%Gravel=5.5-- --%Sand=17.0-- --%Silt=50.1-- --%Clay=27.4-- --A-6(12)--														
	--In-Situ Vane Shear, 13.0 feet-- --Su undis = 595.7 psf-- --Su remold = 440.3 psf-- --Sensitivity = 1.35--15														
	--In-Situ Vane Shear, 15.5 feet-- --Su undis = 802.9 psf-- --Su remold = 647.5 psf-- --Sensitivity = 1.24--							533.6	Very stiff to hard, gray SILTY CLAY LOAM, trace gravel and sand lenses	45	15				
	--In-Situ Vane Shear, 18.0 feet-- --Su undis = 880.6 psf-- --Su remold = 595.7 psf-- --Sensitivity = 1.47--20														
	--In-Situ Vane Shear, 20.5 feet-- --Su undis = 466.2 psf-- --Su remold = 388.5 psf-- --Sensitivity = 1.20--														
	--In-Situ Vane Shear, 23.0 feet-- --Su undis = 725.2 psf-- --Su remold = 569.8 psf-- --Sensitivity = 1.27--25														

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	06-03-2013	Complete Drilling	06-05-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR
Driller	R&J	Logger	D. Kolpacki
Checked by	C. Marin	Drilling Method	3.25" HSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion
White Drilling	☑ DRY	At Completion of Drilling	☑ NA
Time After Drilling	NA	Depth to Water	☑ NA

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523.6	Medium dense to dense, gray SILTY LOAM, trace gravel								--%Gravel=1.5-- --%Sand=30.0-- --%Silt=64.4-- --%Clay=4.0--80 --A-4 (0)--	55	17				
	--Trace SAND and CLAY lenses--							510.4	Boring terminated at 65.00 ft	65	19				

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Begin Drilling	06-03-2013	Complete Drilling	06-05-2013
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR
Driller	R&J	Logger	D. Kolpacki
Checked by	C. Marin	Drilling Method	3.25" HSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion
White Drilling	☑ DRY	At Completion of Drilling	☑ NA
Time After Drilling	NA	Depth to Water	☑ NA

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575.9	13.75-inch thick CONCRETE --PAVEMENT--														
575.6	4.25-inch thick ASPHALT --PAVEMENT--														
573.8	Medium dense, brown CRUSHED STONE --FILL--														
	Very soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel							542.3	Hard, gray SILTY LOAM to SILTY CLAY LOAM, trace to little gravel	33	13				
	--LL(%)=36, PL(%)=16-- --%Gravel=4.3-- --%Sand=14.7-- --%Silt=48.9--20 --%Clay=32.1-- --A-6 (15)--														
	--Hard drilling from 46' to 46.5'--							530.3	Very stiff to hard, gray SILTY CLAY, trace gravel	50	16				

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	06-04-2013	Complete Drilling	06-05-2013
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR
Driller	R&J	Logger	D. Kolpacki
Checked by	C. Marin	Drilling Method	2.25" HSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion
White Drilling	☑ NA	At Completion of Drilling	☑ NA
Time After Drilling	NA	Depth to Water	☑ NA

0161720-60W28-513-Bor-Ing



USER NAME = dunkerleyb	DESIGNED - DEV	REVISIONS
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISIONS
PLOT DATE = 4/28/2014	DRAWN - BRD	REVISIONS
	CHECKED - EJO	REVISIONS

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS - I
STRUCTURE NO. 016-1720

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	531
CONTRACT NO. 60W28			ILLINOIS FED. AID PROJECT NUMBER-	