

Wang Engineering
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG 1705-B-04A
WEI Job No.: 1100-04-01
Client: AECOM
Project: Circle Interchange Reconstruction
Location: Section 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 580.39 ft
North: 1897423.98 ft
East: 1171799.90 ft
Station: 1823+95.91
Offset: 4.83 LT

Page 1 of 2

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	Drilled without sampling														
	--In-Situ Vane Shear, 4.5 feet-- --Su undis = 1070.19 psf-- --Su remold = 620.4 psf-- --Sensitivity = 1.725--	5	1						--In-Situ Vane Shear, 29.5 feet-- --Su undis = 1243.2 psf-- --Su remold = 777.0 psf-- --Sensitivity = 1.6--	30	6				
	--In-Situ Vane Shear, 9.5 feet-- --Su undis = 828.8 psf-- --Su remold = 401.5 psf-- --Sensitivity = 2.06--	10	2						--In-Situ Vane Shear, 34.5 feet-- --Su undis = 1269.1 psf-- --Su remold = 725.2 psf-- --Sensitivity = 1.75--	35	7				
	--In-Situ Vane Shear, 14.5 feet-- --Su undis = 1036.0 psf-- --Su remold = 621.6 psf-- --Sensitivity = 1.66--	15	3												
	--In-Situ Vane Shear, 19.5 feet-- --Su undis = 569.8 psf-- --Su remold = 259.0 psf-- --Sensitivity = 2.2--	20	4												
	--In-Situ Vane Shear, 24.5 feet-- --Su undis = 1424.5 psf-- --Su remold = 802.9 psf-- --Sensitivity = 1.77--	25	5												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-09-2013	Complete Drilling	07-09-2013	While Drilling	NA	At Completion of Drilling	MUD (10')
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55 TMR	Driller	R&J	Logger	A. Tomaras
Checked by	C. Marin	Drilling Method	3.25" HSA to 10', mud rotary thereafter, boring backfilled upon completion	Depth to Water	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

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								494.9	Strong, fair to good rock quality, light gray, fresh, joint breaks with little to no infill, slightly vuggy DOLOSTONE	85					
									--Run 1 - RECOVERY=100%-- --RQD (top 5ft)=62%-- --RQD (10ft)=79%--	90					
								494.9	Boring terminated at 95.50 ft	95					

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BORING LOG 1705-B-05
WEI Job No.: 1100-04-01
Client: AECOM
Project: Circle Interchange Reconstruction
Location: Section 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 579.65 ft
North: 1897590.86 ft
East: 1171794.26 ft
Station: 1825+62.67
Offset: 4.23 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	12-inch thick ASPHALT --PAVEMENT--														
578.6	Loose, gray SANDY GRAVEL --FILL--	1	5	3	4	NP	4					11	0	2	27
578.6	Very soft to soft, gray CLAY to SILTY CLAY LOAM, trace gravel	2	0	0	0	< 0.25	18					12	0	0	25
		3	0	0	1	0.41	20								
		4	0	0	0	0.25	21								
		5	0	0	0	0.25	24								
		6	0	0	2	0.33	23								
	--LL(%)=35, PL(%)=15-- --%Gravel=5.8-- --%Sand=17.8-- --%Silt=48.3-- --%Clay=28.1-- --A-6 (14)--	7	0	0	1	0.41	24								
581.6	Very loose, gray LOAM	8	0	0	0	NP	28								
581.6	Very soft to soft, gray CLAY to SILTY CLAY, trace gravel	9	0	0	0	0.25	25								
		10	1	1	2	0.41	25								
		25													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-22-2013	Complete Drilling	07-22-2013	While Drilling	NA	At Completion of Drilling	NA
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR	Driller	R&N	Logger	A. Happel
Checked by	C. Marin	Drilling Method	2.25" SSA to 10', mud rotary thereafter, boring backfilled upon completion	Depth to Water	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	

0161705-60W28-5155-BorIng.dgn



USER NAME = floresg	DESIGNED - ABT	REVISED
PLOT SCALE = N.T.S.	CHECKED - EJO	REVISED
PLOT DATE = 5/7/2014	DRAWN - MRK	REVISED
	CHECKED - ABT	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS - VII
STRUCTURE NO. 016-1705**
SHEET NO. S-155 OF S-165 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-010R	COOK	747	469B
CONTRACT NO.			60W28	
ILLINOIS FED. AID PROJECT				