

Wang Engineering
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1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG 1088-B-01
WEI Job No.: 1100-04-01
Client: AECOM
Project: Circle Interchange Reconstruction
Location: Sections 16 and 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 597.11 ft
North: 1897552.19 ft
East: 1171666.11 ft
Station: 7811+69.10
Offset: 02.09 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
597.11	16-inch thick CONCRETE --PAVEMENT--												
595.8	Very dense, gray CRUSHED STONE --BASE COURSE--		1	9 21 29	NP								
593.8	Very dense, brownish gray SILTY LOAM, little gravel --FILL--		2	6 15 50/3	NP	11							
591.6	--AUGER REFUSAL--												
	Boring terminated at 5.50 ft												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	02-17-2013	Complete Drilling	02-17-2013	While Drilling	<input checked="" type="checkbox"/>	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR	At Completion of Drilling	<input checked="" type="checkbox"/>	DRY	
Driller	R&N	Logger	D.Kolpacki	Time After Drilling		NA	
Checked by	C. Marin			Depth to Water	<input checked="" type="checkbox"/>	NA	
Drilling Method	2.25" SSA to 5.5, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG 1088-B-02
WEI Job No.: 1100-04-01
Client: AECOM
Project: Circle Interchange Reconstruction
Location: Sections 16 and 17, T39N, R14E of 3rd PM

Datum: NAVD 88
Elevation: 582.09 ft
North: 1897500.54 ft
East: 1171752.80 ft
Station: 7812+52.80
Offset: 51.02 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
582.09	15-inch thick CONCRETE --PAVEMENT--												
580.7	2-inch thick ASPHALT --PAVEMENT--		1	19 14 11	NP	11							
578.9	Medium dense CRUSHED STONE --FILL--		2	1 1 0	0.57 B	24							
576.8	Medium stiff, gray SILTY CLAY LOAM, trace gravel		3	0 0 1	0.41 B	28							
	Very soft to medium stiff, gray CLAY to SILTY CLAY		4	2 2 2	0.16 B	28							
			5	1 2 1	0.25 B	25	545.1	Stiff, gray SILTY CLAY LOAM, trace gravel					
			6	1 1 3	0.33 B	26							
			7	0 2 2	0.41 B	26	540.1	Hard, gray SILTY CLAY, trace gravel					
			8	0 1 1	0.25 B	27							
			9	0 1 1	0.25 B	26							
			10	0 0 1	0.33 B	27							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-06-2013	Complete Drilling	03-07-2013	While Drilling	<input checked="" type="checkbox"/>	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR	At Completion of Drilling	<input checked="" type="checkbox"/>	MUD (10')	
Driller	R&N	Logger	A. Happel	Time After Drilling		NA	
Checked by	C. Marin			Depth to Water	<input checked="" type="checkbox"/>	NA	
Drilling Method	2.25" SSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion			The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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582.09													
575.1	Medium stiff, gray SILTY CLAY LOAM		17	6 12 19	4.02 B	21							
			18	7 7 9	0.98 B	28							
530.1	Dense, gray SILTY LOAM, trace gravel		19	8 13 23	NP	23							
	--AUGER REFUSAL--												
492.6	Strong, excellent rock quality, light gray, fresh, slightly fractured, joint breaks with little to no infill, slightly vuggy DOLOSTONE												
515.1	Gray DOLOSTONE fragments with some SILTY CLAY												
	Run#1 : 67 to 77 feet --RECOVERY=10% --ROD=0%												
	Run#2 : 77 to 86 feet --RECOVERY=14% --ROD=5%												
	Run#3 : 89.5 to 99.5 feet --RECOVERY=100% --ROD=95%												
	ROCK MASS RATING: Strength of rock material = 12 Drill core quality ROD = 20 Spacing of joints = 20 Condition of joints = 20 Groundwater condition = 10												
	Boring terminated at 99.50 ft												

GENERAL NOTES				WATER LEVEL DATA			
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Driller	R&N	Logger	A. Happel	Time After Drilling		NA	
Checked by	C. Marin			Depth to Water	<input checked="" type="checkbox"/>	NA	
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0161711-60W71-S45-Boring



USER NAME = dunkerleyb	DESIGNED - EJO	REVISED
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISED
PLOT DATE = 12/17/2013	DRAWN - BRD	REVISED
	CHECKED - EJO	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS - I
STRUCTURE NO. 016-1711

SHEET NO. S-45 OF S-47 SHEETS

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	137
CONTRACT NO.			60W71	
ILLINOIS FED. AID PROJECT -NUMBER-				