



wangeng@wangeng.com  
1145 N Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

### BORING LOG 1087-B-03

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: 596.41 ft  
North: 1897526.93 ft  
East: 1171579.56 ft  
Station: 7811+18.84  
Offset: 5.33 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
595.6	10.25-inch thick CONCRETE --PAVEMENT--														
	Gray CRUSHED STONE --BASE COURSE--														
593.7	Medium dense, brown and gray, fine SAND to SANDY LOAM, little gravel and brick fragments --FILL--	5	PUSH	1						30	PUSH	12	2 2 2	0.41 B	22
		10	PUSH	2			12			35	PUSH	13	1 2 3	0.41 B	21
		15	PUSH	3			15			40	PUSH	14	0 0 0	0.25 B	26
		20	PUSH	4			11			45	PUSH	15	1 2 2	0.25 B	25
		25	PUSH	5			14			50	PUSH	16	0 1 3	0.41 B	27
583.4	Medium stiff to very stiff, gray SILTY CLAY, trace gravel	5													
		10													
		15													
		20													
		25													
573.4	Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel	5													
		10													
		15													
		20													
		25													

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-21-2013	Complete Drilling	03-22-2013	While Drilling	▽	DRY	
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR	At Completion of Drilling	▽	DRY	
Driller	R&T	Logger	D. Kolpacki	Time After Drilling	NA		
Drilling Method	1.0" IDA Geoprobe to 11', 2.25" SSA 11' to 20', Mud Rotary 20' thereafter			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							



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		55								80					
		60								85					
539.7	Very stiff to hard, gray SILTY LOAM to SILTY CLAY LOAM, trace gravel and sand seams	5													
		10													
		15													
		20													
		25													
		30													
		35													
		40													
		45													
		50													
509.7	Very dense, gray SANDY LOAM, some gravel	5													
		10													
		15													
		20													
		25													
		30													
		35													
		40													
		45													
		50													
529.7	Medium stiff to hard, gray CLAY to SILTY CLAY, trace gravel and seams of sand	5													
		10													
		15													
		20													
		25													
		30													
		35													
		40													
		45													
		50													
		55													
		60													
		65													
		70													
		75													
		80													
		85													
		90													
		95													
		100													

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0161713-60W26-S48-Bor-Ing



USER NAME = dunkerleyb	DESIGNED - EJO	REVISOR
PLOT SCALE = N.T.S.	CHECKED - ATB	REVISION
PLOT DATE = 9/15/2013	DRAWN - BRD	REVISION
	CHECKED - EJO	REVISION

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS - III  
STRUCTURE NO. 016-1713

SHEET NO. S1-48 OF S1-48 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-00BR	COOK	559	298
CONTRACT NO.			60W26	
ILLINOIS FED. AID PROJECT				