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### BORING LOG 2081-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: 581.38 ft  
North: 1898040.36 ft  
East: 1171151.03 ft  
Station: 3835+97.75  
Offset: 30.83 RT

Page 1 of 3

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 (%)
581.14	14-inch thick ASPHALT --PAVEMENT--												
580.1	11-inch thick CONCRETE --PAVEMENT--												
	Loose to medium dense, gray CRUSHED STONE --FILL--	1	1	2 3 5	2.50 P	14			11	0 0 0	0.25 B	24	
		2	2	7 16 12	NP	5			12	0 1 2	0.49 B	26	
575.9	Medium stiff to stiff, gray SILTY CLAY, trace gravel	3	3	5 8 8	1.97 B	19			13	0 1 2	0.41 B	29	
		4	4	2 2 3	1.15 B	19			14	1 4 4	1.23 B	23	
		5	5	2 3 3	0.82 B	23	544.6	Stiff to hard, gray SILTY CLAY, trace gravel	15	0 2 2	0.57 B	20	
568.4	Soft to medium stiff, gray CLAY	6	6	2 3 3	0.57 B	25			16	5 5 10	3.28 B	21	
		7	7	0 2 2	0.57 B	20			17	7 8 12	5.99 B	13	
		8	8	0 0 1	0.33 B	25			18	4 7 9	NP	17	
		9	9	0 0 1	0.33 B	25			19	18 24 32	7.95 S	12	
		10	10	0 1 2	0.33 B	27			20	16 32 50	9.84 S	12	
									21	35 50/6	6.23 S	10	

WANGENGINC 11000401.GPJ, WANGENG.GDT, 4/5/13

#### GENERAL NOTES

Begin Drilling: **03-28-2013** Complete Drilling: **03-29-2013**  
Drilling Contractor: **Wang Testing Services** Drill Rig: **B-57 TMR**  
Driller: **P&** Logger: **D. Wind** Checked by: **C. Marin**  
Drilling Method: **3.25" HSA to 8.5', Mud Rotary 8.5' thereafter, boring backfilled upon completion**

#### WATER LEVEL DATA

While Drilling: **NA**  
At Completion of Drilling: **NA**  
Time After Drilling: **NA**  
Depth to Water: **NA**

The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.



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							504.6	Very dense, gray GRAVELLY SANDY LOAM	17	4 9 13	4.51 B	18	
							499.6	Very dense, gray SILT --MOIST--	18	4 7 9	NP	17	
524.6	Medium dense, gray SILT						494.6	Very dense, gray GRAVELLY SANDY LOAM	19	18 24 32	7.95 S	12	
							489.4	Strong, very poor rock quality 92'-94', light gray, highly fractured, slightly vuggy DOLOSTONE	20	16 32 50	9.84 S	12	
								Run 1 = 92' to 102' --RECOVERY=100% --RQD=72%	21	35 50/6	6.23 S	10	
								-Strong, good rock quality 94'-102', light gray, fresh, slightly fractured, joint breaks with little to no infill, slightly vuggy DOLOSTONE	22	50/6	NP	12	
								ROCK MASS RATING:	23	39 49 50	NP	20	
									24	50/6	NP	11	

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5/17/16 PM 0161716-60W26-S072-Boring\_3.dgn



USER NAME = jlvuorenmaa	DESIGNED - MTS	REVISED
PLOT SCALE = 0:1.0000 ' = 1/8" in.	CHECKED - KAH	REVISED
PLOT DATE = 8/18/2013	DRAWN - RLS	REVISED
	CHECKED - KAH	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS 3  
STRUCTURE NO. 016-1716

SHEET NO. S2-77 OF S2-81 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3730	2013-008R	COOK	559	437
CONTRACT NO.			60W26	
ILLINOIS FED. AID PROJECT				