Wang Engineering
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

Elevation (ft)	SOIL AND ROCK DESCRIPTION
	10.25-inch thick CONCRETE --PAVEMENT--
595.6	Gray CRUSHED STONE --BASE COURSE--
593.7	Medium dense, brown and gray, fine SAND to SANDY LOAM, little gravel and brick fragments --FILL--
583.4	Medium stiff to very stiff, gray SILTY CLAY, trace gravel
573.4	Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel

Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	PUSH	1		NP	
5	PUSH	2		NP	12
	PUSH	3		NP	15
	PUSH	4		NP	11
10	PUSH	5		NP	14
		6	3 8 2	NP	22
15		7	3 4 4	3.03 B	25
		8	2 2 5	2.05 B	24
20		9	2 3 3	0.90 B	26
		10	1 4 3	0.90 B	26
25		11	2 1 3	0.67 N/6	
		12	2 2 2	0.41 B	22
30		13	1 2 3	0.41 B	21
35		14	0 0 0	0.25 B	26
40		15	1 2 2	0.25 B	25

GENERAL NOTES

Begin Drilling: 03-21-2013 Complete Drilling: 03-22-2013
Drilling Contractor: Wang Testing Services Drill Rig: D-50 TMR
Driller: R&T Logger: D. Kolpacki Checked by: C. Marin
Drilling Method: 1.0" IDA Geoprobe to 11', 2.25" SSA 11' to 20', Mud Rotary 20' thereafter

WATER LEVEL DATA

While Drilling: DRY
At Completion of Drilling: DRY
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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Elevation (ft)	SOIL AND ROCK DESCRIPTION
539.7	Very stiff to hard, gray SILTY LOAM to SILTY CLAY LOAM, trace gravel and sand seams
529.7	Medium stiff to hard, gray CLAY to SILTY CLAY, trace gravel and seams of sand

Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
45		16	0 1 3	0.41 B	27
50		17	1 2 2	0.57 B	27
55		18	0 2 4	0.33 B	24
60		19	7 10 11	3.69 S	14
65		20	9 11 18	5.58 B	17
70		21	8 12 17	4.67 B	21
75		22	3 5 6	1.56 B	25
80		23	3 4 6	0.66 B	39

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Elevation (ft)	SOIL AND ROCK DESCRIPTION
514.7	Very dense, gray SANDY LOAM, some gravel
509.7	Hard, gray SILTY LOAM, trace gravel
496.4	Boring terminated at 100.00 ft

Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
85		24	16 50/3	NP	17
90		25	33 46 50/4	8.61 S	12
95		26	19 20 50/3	7.38 S	15
100		27	50/4	> 4.50 P	13

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WANGENGINC 1100401.GPJ WANGENG.GDT 4/2/13

FILE NAME = I:\7290\7290.21 - Circle Interchange Tunnel Bulkheading\CADD\CADD SHEETS\72903.20-soilborings01.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -	
PLOT SCALE = 2:0.0000 ':' / in.	DRAWN -	REVISED -	
PLOT DATE = 4/12/2013	CHECKED -	REVISED -	
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0101.6-2P-1-3 (13)	COOK	37	20

CONTRACT NO. 60W36

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT