Wang Engineering
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BORING LOG 2113-B-02

WEI Job No.: 1100-04-01

Client: **AECOM**
Project: **CIRCLE INTERCHANGE RECONSTRUCTION**
Location: **Chicago, IL**

Datum: NGVD
Elevation: 577.90 ft
North: 1898016.29 ft
East: 1169807.29 ft
Station: 3605+02.99
Offset: 40.05 LT

Depth (ft)	Elevation (ft)	Soil and Rock Description	Sample Type	Recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
0.0	577.9	7-inch thick ASPHALT --PAVEMENT--						
0.6	576.9	12-inch thick CONCRETE --PAVEMENT--						
		Very dense, brown GRAVELLY SAND --FILL--			1	36 50/3	NP	6
5					2	3 5 5	NP	13
5.4	572.4	Very soft, gray CLAY to SILTY CLAY, trace gravel			3	1 1 1	0.33 B	22
10					4	0 0 0	0.16 B	28
					5	0 0 1	0.16 B	27
15					6	0 0 0	0.16 B	26
					7	0 0 0	NA	
20					8	0 0 1	0.08 B	27
					9	0 0 1	0.16 B	28
25					10	1 1 1	0.33 B	23
30					11	0 0 3	0.16 B	27
					12	0 2 2	0.41 B	27
35	545.9	Medium stiff, gray SILTY CLAY			13	2 3 5	0.70 B	22
	540.9	Hard, gray SILTY CLAY LOAM, trace gravel			14	5 7 11	> 4.50 P	15
40	535.9	Medium dense, gray SILTY LOAM, trace gravel			15	5 7 12	NP	15
45					16	5 10 15	NP	15
50		--Sand seams--						

GENERAL NOTES

Begin Drilling: **02-25-2013** Complete Drilling: **02-25-2013**
Drilling Contractor: **Wang Testing Services** Drill Rig: **B-57 TMR**
Driller: **R&J** Logger: **D.Kolpacki** Checked by: **C. Marin**
Drilling Method: **2.25" SSA to 10', Mud Rotary 10' thereafter**

WATER LEVEL DATA

While Drilling: ▽ **5.00 ft**
At Completion of Drilling: ▼ **MUD**
Time After Drilling: **NA**
Depth to Water: ▼ **NA**

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

WANGENGINC 1100401.GPJ WANGENG.GDT 3/18/13

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Depth (ft)	Elevation (ft)	Soil and Rock Description	Sample Type	Recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
52.9	525.9	Medium dense to dense, gray SILTY LOAM, trace gravel						
55		--L_L(%)=24, P_L(%)=15-- --%Gravel=1.5-- --%Sand=29.1-- --%Silt=53.4-- --%Clay=16.0-- --A-4 (4)--			17	6 7 11	NP	12
60					18	13 21 25	NP	12
62.9	515.9	Hard, gray SILTY CLAY LOAM, trace gravel			19	11 17 21	> 4.50 P	13
65		--L_L(%)=27, P_L(%)=14-- --%Gravel=0.4-- --%Sand=5.9-- --%Silt=69.6-- --%Clay=24.1-- --A-6 (10)--						
70	510.9	Very dense, gray SILTY LOAM, trace gravel			20	25 47 53	NP	14
		--%Gravel=2.1-- --%Sand=41.8-- --%Silt=53.6-- --%Clay=2.6-- --A-4 (0)--						
75	505.9	Very dense, gray, fine SAND			21	23 43 53	NP	23
77.9	500.9	Very dense, gray GRAVELLY SAND, little dolostone fragments			22	50/4	NP	11
80	498.9	Strong, excellent rock quality, light gray, fresh, slightly fractured, joint breaks with little to no infill, slightly vuggy DOLOSTONE Run#1 : 82 to 92 feet --RECOVERY=98% --RQD=96%			1	CORE		
90		ROCK MASS RATING: Strength of rock material = 12 Drill core quality RQD = 20 Spacing of joints = 20 Condition of joints =20 Groundwater condition =10						
92.9	485.9	Boring terminated at 92.00 ft						
95								
100								

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WATER LEVEL DATA

While Drilling: ▽ 5.00 ft
At Completion of Drilling: ▼ MUD
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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Entire sheet revised

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FILE PATH = c:\projects\engineering\2013\wang-douss\d2\2845\7\d1\1709-60w25-550-Boring2.dgn

1709-60W25-550-Boring2.dgn	DESIGNED - LAB	REVISED - ⚠ 07/19/2013 ML, JJS	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS II STRUCTURE NO. 016-1709	
USER NAME = williamdouss	DRAWN - LAB	REVISED -			
PLOT SCALE = 0.0200 '/ in.	CHECKED - ML, MAF	REVISED -		SCALE:	SHEET 51-50 OF 51 SHEETS STA. TO STA.
PLOT DATE = 7/19/2013	DATE - 6/17/2013	REVISED -			

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-007R	COOK	317	194
		CONTRACT NO. 60W25		
		ILLINOIS FED. AID PROJECT		