STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 N Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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BORING LOG B-3

WEI Job No.: 240-44-01

Client: DLZ, Illinois
Project: Elston Avenue Bridge over Interstate 94
Location: SE1/4 Sec 9 & SW1/4 Sec 10, T40N, R13 E

Datum: NGVD
Elevation: 593.00 ft
North: 1933191.62 ft
East: 1143568.22 ft
Station:
Offset:

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
	592.6	5-inch thick ASPHALT --PAVEMENT--						
	591.8	10-inch thick CONCRETE --PAVEMENT--						
		Dense, gray GRAVELLY SAND --FILL--			1	32 22 25	NP	12
			5		2	20 21 17	NP	13
	588.3	Very stiff, gray CLAY			3	23 9 7	2.50 P	19
			10		4	4 5 6	2.54 B	20
					5	7 9 9	3.77 B	15
			15		6	9 9 11	3.28 B	13
					7	9 11 13	2.95 B	15
			20		8	9 12 13	3.61 B	18
	567.5	Very stiff to hard, gray SILTY CLAY	25		9	8 12 11	3.77	17
					10	11 12 15	2.75	13
					11	14 15 15	4.02	13
			30		12	21 25 20	3.53	17
			35		13	18 20 21	4.18	17
			40		14	32 50/2"	> 4.50	10

GENERAL NOTES

Begin Drilling: 09-10-2009 Complete Drilling: 09-10-2009
Drilling Contractor: Wang Testing Service, Inc. Drill Rig: Mobile B-57 TMR
Driller: B&K Logger: F. Bozga Checked by: E. Datz
Drilling Method: Mud Rotary; Boring backfilled upon completion

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.

WANGENGINC 240401.GPJ WANGENG.GDT 10/16/09

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	551.3	Very dense, gray SILTY LOAM with trace gravel						
			45		15	68 50/2"	NP	11
	546.3	Very dense, gray GRAVELLY SAND						
			50		16	33 50/4"	NP	11
	540.0	Highly weathered, dolostone bedrock --HARD DRILLING-- --SWITCH TO ROCK ROLLER BIT--	55		17	70/1"	NP	22
					18	50/0"	NR	
	533.0		60					
		Core #1: 60' to 65' bgs Very strong, good, gray, moderately weathered, DOLOSTONE BEDROCK with mineralized cavities (pyrite and calcite crystals) --RECOVERY = 100%-- --RQD = 75%--			19	CORE		
	528.0	Boring terminated at 65.00 ft	65					
			70					
			75					
			80					

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WATER LEVEL DATA

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WANGENGINC 240401.GPJ WANGENG.GDT 10/16/09

DESIGNED	ASP
CHECKED	WSP
DRAWN	BEM
CHECKED	ASP

BORING LOG II
STRUCTURE NUMBER 016-0610

DLZ
DLZ Illinois, Inc.
85 W. Algonquin Rd. Ste. 220
Arlington Heights Il 60005
(847)-640-0840

SHEET NO. 42 OF 42 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	0101.8B	COOK	139	118
		CONTRACT NO. 60C18		
	ILLINOIS	FED. AID PROJECT		