STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 324	23B-1	McHENRY	97	65
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 25
25 SHEETS

Contract # 62892

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG BK-05

WEI Job No.: 487-01-01

Client: V3 Companies
Project: U.S. Rte 23 over Kishwaukee River
Location: Marengo, IL

Datum: NGVD
Elevation: 802.16 ft
North: 2039612.77 ft
East: 909789.01 ft
Station: 70+12
Offset: 18.5 LT

Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type / recovery	Sample No.	SPT Values (blw/6 in)	Qu (tsf)	Moisture Content (%)
801.5	8-inch thick, ASPHALT --PAVEMENT--						
	Very stiff, gray CLAY to SILTY CLAY --FILL--			1	4 4 6	2.71 B	17
799.2	Loose, dark brown, fine SAND --FILL--	5		2	3 3 2	NP	11
795.7	Loose, dark brown and black SANDY LOAM --BURIED TOPSOIL--			3	2 3 3	NP	29
792.8	Loose, brown, medium SAND	10		4	1 3 6	NP	42
				5	3 3 6	NP	34
		15		6	4 3 3	NP	15
784.2	Medium dense, brown, medium SAND			7	2 3 2	NP	19
		20		8	5 6 8	NP	23
				9	4 7 9	NP	17
		25		10	6 8 9	NP	23
765.4	Loose, brown SANDY GRAVEL						
760.4	Medium dense to dense, brown and gray SANDY GRAVEL						
		30		11	5 8 10	NP	16
				12	5 6 13	NP	18
		35		13	9 8 8	NP	9
		40		14	5 4 5	NP	13
		45		15	5 6 8	NP	8
		50		16	7 7 7	NP	10

GENERAL NOTES

Begin Drilling: 11-16-2007 Complete Drilling: 11-17-2007
Drilling Contractor: DLZ Drill Rig: D-120
Driller: J & A Logger: K. Jacob Checked by: E. Datz
Drilling Method: Mud rotary after 20'

WATER LEVEL DATA

While Drilling: 11.00 ft
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.

WANGENGINC 4870101.GPJ WANGENG.GDT 12/14/07

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		55		17	50/2.5	NP	8
		60		18	16 17 20	NP	6
740.4	Very dense, brown, fine SAND						
737.2		65		19	17 21 41	NP	18
	Boring terminated at 65.00 ft	70					
		75					

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DESIGNED	CJB
CHECKED	PWO
DRAWN	DRP
CHECKED	PJM

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Woodridge, IL 60517
630.724.9200 phone
630.724.9202 fax
www.v3co.com

BORING LOGS
ILL. ROUTE 23 OVER
KISHWAUKEE RIVER
F.A.P. RT. 324
MCHENRY COUNTY
STATION 69+02.50
STRUCTURE NO. 056-0001

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