

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
F.A.P. 324	23B-1	MCHENRY	97	70
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

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 BO-2** Page 1 of 2  
WEI Job No.: 487-01-01  
Datum: NGVD  
Elevation: 802.00 ft  
North: 2039907.98 ft  
East: 909753.30 ft  
Station: 72+80  
Offset: 17 LT

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

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
801.4	7-inch thick ASPHALT -PAVEMENT-														
	Loose, sand and gravel	1		1	3 4 7	NP	16			11		11	3 4 4	NP	4
799.5	Medium dense to very loose, brown and gray mixed CLAY, SAND and GRAVEL	5		2	1 2 3	NP	15			12		12	6 9 6	NP	7
		10		3	1 0 1	NP	17			13		13	7 12 13	NP	8
794.0	Very loose, dark gray fine SAND	15		4	0 0 0	NP	16			14		14	6 8 7	NP	14
		20		5	0 0 0	NP	17			15		15	4 5 7	NP	21
		25		6	0 0 0	NP	22			16		16	3 4 5	NP	8
		30		7	1 0 0	NP	14			17		17	5 9 15	NP	14
784.0	Loose to medium dense, gray fine to coarse SAND and GRAVEL	35		8	2 2 5	NP	13			18		18	6 7 7	NP	11
		40		9	3 5 7	NP	9			19		19	5 7 11	NP	9
		45		10	4 6 8	NP	5			20		20	4 5 6	NP	8

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	07-30-1996	Complete Drilling	07-30-1996	While Drilling	NA	At Completion of Drilling	NA
Drilling Contractor	IDOT	Drill Rig	NA	Time After Drilling	NA	Depth to Water	NA
Driller	NA	Logger	B.P.	Checked by	NA	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	
Drilling Method	NA						

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	Boring terminated at 75.00 ft														
748.0	Dense to very dense, light gray, medium to coarse SAND and GRAVEL, some cobbles	55		21	8 15 25	NP	5			55		21	8 15 25	NP	5
		60		22	15 27 28	NP	4			60		22	15 27 28	NP	4
		65		23	12 20 30	NP	8			65		23	12 20 30	NP	8
		70		24	24 18 18	NP	5			70		24	18 18	NP	5
727.0		75		25	23 14 18	NP	6			75		25	23 14 18	NP	6

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Drilling Method	NA						

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**  
**OVERFLOW NO. 1**  
**F.A.P. RT. 324**  
**MCHENRY COUNTY**  
**STATION 72+50.00**  
**STRUCTURE NO. 056-0083**