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BORING LOG RW-3E

WEI Job No.: 722-23-01

Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 670.50 ft
North: 2056507.85 ft
East: 1084288.77 ft
Station: 249+12.11
Offset: 14.00' LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
670.24	24-inch thick ASPHALT --PAVEMENT--												
	Dense, gray SANDY GRAVEL --FILL--	1	13	19	NP				9	5	8	3.40	
667.5	Medium dense to very dense, gray SANDY LOAM, trace gravel --FILL--	2	8	8	NP	15			10	10	14	6.15	15
		3	10	22	NP	12	643.8	Dense to very dense, brown SANDY LOAM	11	8	11	4.50	14
		4	20	26	NP	10			12	7	20	NP	16
659.0	Medium dense to dense, brown SANDY LOAM, little to some gravel	5	15	16	NP	13			13	9	15	NP	24
		6	10	11	NP	13			13	9	15	NP	24
654.0	Very stiff to hard, gray CLAY LOAM	7	17	12	7.70	15			14	8	16	NP	26
		8	16	16	4.50	16			14	8	16	NP	26

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-11-2001	Complete Drilling	04-11-2001	While Drilling	▽	11.00 ft	
Drilling Contractor	Rock and Soil Drilling	Drill Rig	D-120	At Completion of Drilling	▽	6.50 ft	
Driller	Dave	Logger	T. Chen	Checked by	P. Wang	Time After Drilling	24 hours
Drilling Method	4.25" ID HSA; backfilled w/ bentonite chip and blacktop; rotary wash after 20 ft.	Depth to Water	▽	NA			
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

WANGENG.DWG 11/5/10
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628.5	Medium dense to dense, gray SILTY LOAM	15	12	12	NP	19			15	12	12	NP	19
620.5	Boring terminated at 50.00 ft	16	22	26	NP	21			16	22	26	NP	21

GENERAL NOTES				WATER LEVEL DATA			
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SOIL BORING LOGS STRUCTURE NO. 049-W020



FILE NAME = D168953-05-boring_logs.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISIONS -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS STRUCTURE NO. 049-W020	F.A.P. RTE. 330	SECTION 128R-3	COUNTY LAKE	TOTAL SHEETS 518	SHEET NO. 314		
PLOT SCALE =	CHECKED - B.N.S.	REVISIONS -	SHEET NO. S4-5 OF S4-5 SHEETS			CONTRACT NO. 60953		ILLINOIS FED. AID PROJECT				
PLOT DATE =	DRAWN - F.M.	REVISIONS -										
	CHECKED - B.N.S./J.C.N.	REVISIONS -										