

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
47	★	MCHENRY	502	347
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	

Contract No. 62882  
★(105X & 106) WRS-2

**Wang Engineering, INC.**  
Consulting Geotechnical and Environmental Engineers  
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1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG RB-15** Page 1 of 1

WEI Job No.: 630-02-01

Datum: NAVD 88  
Elevation: 887.07 ft  
North: 2001977.04 ft  
East: 958392.78 ft  
Station: 56+09.99  
Offset: 19.33 RT

Client: Stanley Consultants, Inc.  
Project: IL Route 47 from Reed Road to Kreutzer Road  
Location: McHenry County, IL

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
887.4	4-inch thick, medium dense CRUSHED STONE --SHOULDER AGGREGATE--	0	1	NP	10	NP	4								
885.9	Medium dense, brown to gray, GRAVELLY SAND --FILL--	1	2	P	3	0.75	44								
	Medium stiff to stiff, brown to black, gravelly CLAY LOAM	2	3	P	3										
		3	4	P	5										
		4	5	P	2										
880.8	Stiff, brown to gray, gravelly CLAY	5	6	P	2	1.00	13								
		6	7	P	5										
		7	8	P	1	1.50	11								
		8	9	P	3										
		9	4	P	4										
		10	5	P	2	1.50	11								
877.1	Boring terminated at 10.00 ft	10													

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	08-29-2007	Complete Drilling	08-29-2007
Drilling Contractor	Precon Drilling	Drill Rig	CME-55 TMR
Driller	Kevin & Shaune	Logger	Y. Shiu
Checked by	W. Wang	Drilling Method	3.25-inch IDA HSA; Boring backfill upon completion.
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.

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**BORING LOG RB-16** Page 1 of 1

WEI Job No.: 630-02-01

Datum: NAVD 88  
Elevation: 888.93 ft  
North: 2002291.50 ft  
East: 958376.28 ft  
Station: 59+21.75  
Offset: 24.93 LT

Client: Stanley Consultants, Inc.  
Project: IL Route 47 from Reed Road to Kreutzer Road  
Location: McHenry County, IL

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
888.4	6-inch thick, brown SANDY CLAY LOAM	0	1	P	3	2.25	10								
	--TOPSOIL--	1	2	P	4										
	Stiff to very stiff, brown SANDY CLAY LOAM	2	3	P	7	1.50	12								
	--FILL--	3	4	P	8										
		4	5	P	8										
884.7	Medium stiff, brown SANDY CLAY LOAM	5	6	P	1	0.50	14								
		6	7	P	2										
		7	8	P	1	0.50	17								
		8	9	P	1										
		9	10	P	1	0.50	11								
879.2	Stiff gray SILTY CLAY	10	11	P	2										
		11	12	P	4	1.50	22								
		12	13	P	8										
876.9	Boring terminated at 12.00 ft	12													

<b>GENERAL NOTES</b>		<b>WATER LEVEL DATA</b>	
Begin Drilling	08-28-2007	Complete Drilling	08-28-2007
Drilling Contractor	Precon Drilling	Drill Rig	CME-55 TMR
Driller	Kevin & Shaune	Logger	Y. Shiu
Checked by	W. Wang	Drilling Method	3.25-inch IDA HSA; Boring backfill upon completion.
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.

DESIGNED	DSE
CHECKED	BG
DRAWN	TWK
CHECKED	BG
DATE:	MAY 3, 2009



SOIL BORING LOGS  
IL ROUTE 47  
DIECKE PARK RETAINING WALL  
F.A.P. 326-SECT.(105X & 106) WRS-2  
McHENRY COUNTY  
STATION 57+27.50