

F.A.P. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	131B(1&2)BR	McHENRY	107	88
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 60B83

Wang Engineering, Inc.
 Consulting Geotechnical and Environmental Engineers
 wangeng3@wangeng.com
 1145 N. Main Street
 Lombard, IL 60148
 Telephone: 630-953-9928
 Fax: 630-953-9938

BORING LOG MB-01
 WEI Job No.: 950-06-01

Date: NGVD
 Elevations: 866.82 Ft
 North: 2894237.56 Ft
 East: 692767.77 Ft
 Station: 90+65
 Offset: 51 RT

Client: Christian-Roge & Associates, Inc.
 Project: IL-173 Bridge over Piascasaw Creek (PCO)
 Location:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	U _c (lb/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	U _c (lb/ft)	Moisture Content (%)
866.8	12-in thick dark brown to gray SILTY CLAY LOAM --TOPSOIL--	1	1	8	1.00	P	866.8	Soft, dark brown to black CLAY LOAM with organic matter	1	1	8	0.33	33
		2	2	13	0.75	P	862.8	Loose, brown coarse GRAVEL	2	3	28	NP	12
		3	3	7	NP		863.3	Dense, brown coarse GRAVEL with medium-grained sand	3	6	8	NP	9
		4	4	5	NP		863.8	Very dense, brown to light brown coarse GRAVEL with cobbles	4	5	8	NP	14
		5	5	7	NP		863.8	Very stiff, brown LOAM	5	6	7	NP	8
		6	6	7	NP		862.8	Dense to very dense, gray coarse GRAVEL with cobbles	6	7	11	NP	9
		7	7	5	NP		863.3	Very dense, brown coarse GRAVEL with medium-grained sand	7	14	28	NP	6
		8	8	9	NP		863.8	Dense, brown coarse GRAVEL with fine sand and clay	8	4	24	NP	9
		9	9	13	NP				9	15	30	NP	12
		10	10	13	NP				10	15	25	NP	10
		11	11	19	NP				11	15	25	NP	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-18-2006	Complete Drilling	12-18-2006	Water Drilling	4.00 ft	At Completion of Drilling	4.00 ft
Drilling Contractor	Precon	Drill Rig	CME-75 ATV	Time After Drilling	NA	Depth to Water	NA
Driller	K&S	Logger	D.Constantine	Checked by	E. Datz	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	
Drilling Method	3.25 HSA						

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BORING LOG MB-03
 WEI Job No.: 950-06-01

Date: NGVD
 Elevations: 865.77 Ft
 North: 2894238.37 Ft
 East: 692905.32 Ft
 Station: 100+38
 Offset: 47 RT

Client: Christian-Roge & Associates, Inc.
 Project: IL-173 Bridge over Piascasaw Creek (PCO)
 Location:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	U _c (lb/ft)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/ft)	U _c (lb/ft)	Moisture Content (%)
865.8	12-in thick dark brown to gray SILTY CLAY LOAM --TOPSOIL--	1	1	8	1.00	P	865.8	Very good to good, strong, gray, slightly weathered DOLOMITIC LIMESTONE, with moderate jointing and thin bedding	1	1	22	NP	8
		2	2	13	0.75	P	862.8	Loose, brown coarse GRAVEL	2	3	28	NP	12
		3	3	7	NP		863.3	Dense, brown coarse GRAVEL with medium-grained sand	3	6	8	NP	9
		4	4	5	NP		863.8	Very dense, brown to light brown coarse GRAVEL with cobbles	4	5	8	NP	14
		5	5	7	NP		863.8	Very stiff, brown LOAM	5	6	7	NP	8
		6	6	7	NP		862.8	Dense to very dense, gray coarse GRAVEL with cobbles	6	7	11	NP	9
		7	7	5	NP		863.3	Very dense, brown coarse GRAVEL with medium-grained sand	7	14	28	NP	6
		8	8	9	NP		863.8	Dense, brown coarse GRAVEL with fine sand and clay	8	4	24	NP	9
		9	9	13	NP				9	15	30	NP	12
		10	10	13	NP				10	15	25	NP	10
		11	11	19	NP				11	15	25	NP	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-15-2006	Complete Drilling	12-16-2006	Water Drilling	3.75 ft	At Completion of Drilling	3.50 ft
Drilling Contractor	Precon	Drill Rig	CME-75 ATV	Time After Drilling	NA	Depth to Water	NA
Driller	K&S	Logger	D.Constantine	Checked by	E. Datz	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	
Drilling Method	3.25 HSA						

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865.8	Very good to good, strong, gray, slightly weathered DOLOMITIC LIMESTONE, with moderate jointing and thin bedding	1	1	22	NP	8	865.8	Very good to good, strong, gray, slightly weathered DOLOMITIC LIMESTONE, with moderate jointing and thin bedding	1	1	22	NP	8
	Run 1: 51.5'-56.5' REC=95% ROD=86%	2	2	13	0.75	P	862.8	Loose, brown coarse GRAVEL	2	3	28	NP	12
	Run 2: 56.5'-61.5' REC=93.3% ROD=89.6%	3	3	7	NP		863.3	Dense, brown coarse GRAVEL with medium-grained sand	3	6	8	NP	9
		4	4	5	NP		863.8	Very dense, brown to light brown coarse GRAVEL with cobbles	4	5	8	NP	14
		5	5	7	NP		863.8	Very stiff, brown LOAM	5	6	7	NP	8
		6	6	7	NP		862.8	Dense to very dense, gray coarse GRAVEL with cobbles	6	7	11	NP	9
		7	7	5	NP		863.3	Very dense, brown coarse GRAVEL with medium-grained sand	7	14	28	NP	6
		8	8	9	NP		863.8	Dense, brown coarse GRAVEL with fine sand and clay	8	4	24	NP	9
		9	9	13	NP				9	15	30	NP	12
		10	10	13	NP				10	15	25	NP	10
		11	11	19	NP				11	15	25	NP	10

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-15-2006	Complete Drilling	12-16-2006	Water Drilling	3.75 ft	At Completion of Drilling	3.50 ft
Drilling Contractor	Precon	Drill Rig	CME-75 ATV	Time After Drilling	NA	Depth to Water	NA
Driller	K&S	Logger	D.Constantine	Checked by	E. Datz	The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.	
Drilling Method	3.25 HSA						

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS-I
 IL. RTE. 173
 OVER
 PISCASAW CREEK
 F.A.P. RTE. 303 SECTION: 131B(1&2)BR
 McHENRY COUNTY STATION 100+00.00
 STRUCTURE NO. 056-0090

SCALE: DATE: APRIL 2, 2007
 DRAWN BY: D.L./F.M.
 CHECKED BY: B.N.S./J.C.N.

CHRISTIAN-ROGE & ASSOC., INC.
 CHICAGO ILLINOIS