Illinois Department of Transportation
Division of Highways
IDOT - Region 3/District 5

SOIL BORING LOG

Date 6/26/08

ROUTE FAP 326 (IL 47) DESCRIPTION IL 47 over the Sangamon River in Mahomet LOGGED BY CNA

SECTION 10(137BR)BR LOCATION NE, SEC. 21, TWP. 20N, RNG. 7E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0055 (Exist.)
Station 246+51.26

BORING NO. 2 SW Abut.
Station 244+44
Offset 13.0 ft Lt.
Ground Surface Elev. 697.1 ft

Surface Water Elev. 669.0 ft
Stream Bed Elev. 663.7 ft

Groundwater Elev.:
First Encounter 681.1 ft
Upon Completion Wash Bored ft
After 0 Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Blue Gray Clay Loam Till *(continued)*	654.1				
Gray Clay Loam Till			3		
			6	1.6	10
		-45	8	B	
	651.1				
Gray Poorly Sorted Coarse Sand with Gravel			12		
			16		
		-50	20		
			16		
			23		
		-55	20		
			6		
			18		
	637.1	-60	24		
End of Boring					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS. from 137 (Rev. 8-99)

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Illinois Department of Transportation
Division of Highways
IDOT - Region 3/District 5

SOIL BORING LOG

Date 7/1/08

ROUTE FAP 326 (IL 47) DESCRIPTION IL 47 over the Sangamon River in Mahomet LOGGED BY CNA

SECTION 10(137BR)BR LOCATION NE, SEC. 21, TWP. 20N, RNG. 7E, 3rd PM

COUNTY Champaign DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 010-0055 (Exist.)
Station 246+51.26

BORING NO. 3 Prop. Pier
Station 246+91
Offset 24.0 ft Rt.
Ground Surface Elev. 676.2 ft

Surface Water Elev. 669.0 ft
Stream Bed Elev. 663.7 ft

Groundwater Elev.:
First Encounter 669.2 ft
Upon Completion Wash Bored ft
After 0 Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown/Black Silty Loam (Alluvium)	676.2 / 675.2				
Brown Dirty Coarse Sand with Shells (Alluvium)			3		
			2		12
	671.2	-5	2		
Brown to Gray Sandy Loam/Dirty Coarse Sand with Shells (Alluvium)			2		
			2		
			3		
			2		
			3		
		-10	2		
			0		
			1		
		-15	1		
			0		
			2		
(No Sample Obtained)		-20	4		
Brown to Gray Sandy Loam/Dirty Coarse Sand with Shells (Alluvium) *(continued)*	654.2				
Gray Clay Loam Till	662.2		0		
			0		
Gray Coarse Sand with Gravel		-25	0		
	649.2				
Gray Poorly Sorted Coarse Sand & Gravel			10		
			13		
(8' Auger Blow In)		-30	13		
			10		
			17		
		-35	17		
			27		
			30		
		-40	27		

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BBS. from 137 (Rev. 8-99)

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SOIL BORING LOG

Date 7/1/08

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STRUCT. NO. 010-0055 (Exist.)
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BORING NO. 3 Prop. Pier
Station 246+91
Offset 24.0 ft Rt.
Ground Surface Elev. 676.2 ft

Surface Water Elev. 669.0 ft
Stream Bed Elev. 663.7 ft

Groundwater Elev.:
First Encounter 669.2 ft
Upon Completion Wash Bored ft
After 0 Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Poorly Sorted Coarse Sand & Gravel *(continued)*	633.2				
Gray Sandy Loam Till			6		
			8		10
		-45	10		
	628.2				
Gray Poorly Sorted Coarse Sand with Small Gravel			31		
			31		
	626.2	-50	35		
End of Boring					
		-55			
		-60			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

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The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS. from 137 (Rev. 8-99)

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PLOT DATE = 9/24/2009
FILE NAME = ...\pn1-34-36-boring-logs.dgn
PLOT SCALE = 0.999998 ' / IN.
USER NAME = JML

BORING LOGS
STRUCTURE NO. 010-0287

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

PROJECT NO. 06027-3
SCALE
DATE 06/29/09
DESIGN BY
DRAWN BY CFC
CHECKED BY MCB

SHEET NO. 35
36 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(137BR)BR	CHAMPAIGN	75	55
	SN 010-0287	CONTRACT NO. 70428		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT	