Illinois Department of Transportation Division of Highways Illinois Department of Transformation

SOIL BORING LOG

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LOG

Date <u>3/19/90</u>

	ROUTEFAI 74	DESCRIPTION		HTCMB at Missouri Pacific RR	LOGGED	BY	KW	vw
	SECTION		NE. SEC	C. 12, TWP. 19N, RNG. 12W, 3rd PM	GPS:			
	COUNTY Champaign DRIL			low Stem Auger HAMMER TY		Automatic		
	STRUCT. NO. 010-0031/0032 Station 857+96.85 BORING NO. 3 HTCMB	D B E L P O T W	U M C O S I S	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	_ ff D E P T	B L O W	U C S	M 0 1 S
	Station 856+98 Offset 0.0 ft Rt. of Med. Cl Ground Surface Elev. 710.0		Qu T (tsf) (%)	First Encounter Upon Completion After Hrs.	_ ft	S (/6")	Qu (tsf)	T (%)
	Mixed Brown Silty Clay (Embankment)			Mixed Brown Gray Silty Clay to Clay Loam (Embankment) (continued)				
						11	2.7 B	24
				(Note: "N" Values/Blow shown are per 12 inches)	_			
			0.5 10 E		685.0 -25	11	2.1 S	17
	Mixed Gray Brown Clay Loam (Embankment)	704.5	3.1 9 S	End of Boring				
	Mixed Black and Brown Silty Clay (Embankment)	700.5 15	2.7 20 B					
		11	1.9 25 B					
	Mixed Brown Silty Clay Loam (Embankment)	12	3.1 16 S					
,	Mixed Brown Gray Silty Clay to	694.0						
	Clay Loam (Embankment)	13	1.9 19 B					
			2 3 16					

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) Foilure 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 1206)

BBS, from 137 (Rev. 8-99)

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ROUTE	FAI 74	_ DESCRIPTION	-		HTCMB at Missouri Pacific RR	L0	OGGED B	Y	(WW
SECTION		LOCA	TION _	NE, SE	C. 12, TWP. 19N, RNG. 12W, 3rd	PM GPS:			
COUNTY	Champaign DRIL	LING METHOD		Но	llow Stem Auger HAMME	R TYPE		<u>Automatic</u>	
STRUCT. NO. Station	010-0031/0032 857+96.85 4 HTCMB	D B E L P O T W	C	M 0 1 S	Surface Water Elev. Stream Bed Elev. Groundwater Elev.:	ft	E P	B U L C O S	M 0 1 S
Station Offset Ground Surfe	858+95 7.0 ft Rt. of Med. Cl	H S ft (ft)(/6		(%)	First Encounter Upon Completion After Hrs.			S Qu (6") (tsf)	T (%)
Mixed Brown (Embankment)					Mixed Brown and Gray Clay Load (Embankment) (continued)	m	-		
							1	15 4.1 B	11
					(Note: "N" Values/Blow shown of per 12 inches)	ire			
		7	1.4 B	24	End of Boring	684.3	1 3 –25	13 4.1 S	13
Mixed Brown (Embankment)	and Gray Clay Loam)	703.8			End of Borning				
		7	2.7 B	11					
		20 	2.0 E	10			-30		
		_							
		10	2.5 B	24			\exists		
		_							
		10 15	2.1 B	11			-35		
		8	3.1 B	14					
		15	3.5 B	15			-40		

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)

*CHAMPAIGN & VERMILION

McDonough-Whitlow, P.C.

Consulting Engineers & Land Surveyors

138 East Wood Street
Hillsboro, I. 62049
Phone: 217.532.923
Fax: 217.532.6300

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FILE NAME =	USER NAME = JLM	DESIGNED	-	REVISED							F.A.I.	SECTION	COUNTY	TOTAL SHE	Ŧ
D570966-xxx-xx-BORINGS.dgn		DRAWN	JLM	REVISED		STATE OF ILLINOIS	SOIL BORING LOGS				74 M	MEDIAN CABLE 2012-1		130 4	,
	PLOT SCALE =	CHECKED	TMM	REVISED		DEPARTMENT OF TRANSPORTATION						CONTRACT		6	
	PLOT DATE =	DATE		REVISED	-	Sc	SCALE: NONE	SHEET NO. 2 OF 5 SHEETS	STA.	TO STA.		TILI TNOTS EED. AT			$\overline{}$