ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 331	Z-BR	Vermilion	49	24
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. - SHEETS

Contract #70016

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Date 1/10/03

ROUTE FAS 331 (CH10) DESCRIPTION Bridge on North Edge of East Lynn LOGGED BY CNA

SECTION Z-BR LOCATION NE, SEC. 10, TWP. 23N, RNG. 13W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 092-0070 (Exist.)
Station 47+95.97

BORING NO. 2 S. Abut.
Station 47+33
Offset 4.7 ft Rt.
Ground Surface Elev. 690.90 ft

Surface Water Elev. 677.00 ft
Stream Bed Elev. 676.70 ft

Groundwater Elev.:
First Encounter 677.9 ft ▼
Upon Completion Wash Bore ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black/Gray Mottled Clay Loam (Embankment)			
	2		
-5	3 3	1.7 B	21
684.9			
Black Mottled Clay Loam (Embankment)			
	1		
	2	2.2	29
680.9 -10	3	B	
Brown/Gray Mottled Clay Loam			
	2		
678.9	3 5	4.1 B	17
Brown Clay Loam Till ▼			
	2		
	3	4.1	17
675.9 -15	5	B	
Gray Clay Loam Till			
	4		
	6	6.5	13
	7	B	
	3		
	6	4.7	14
-20	7	B	
Gray Clay Loam Till *(continued)*			
	3		
	5	3.8	15
	5	B	
	3		
	4	4.1	18
-25	6	B	
662.9			
Gray Clay Till to Clay Loam Till			
	2		
	6	4.7	19
-30	7	B	
	2		
	2	2.2	21
-35	4	B	
	4		
	2	1.5	28
-40	5	B	

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, E-Estimate)
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)

S:\SOIL\SBORING LOGS\VERMILION CNTY\92920070.GPJ

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Date 1/10/03

ROUTE FAS 331 (CH10) DESCRIPTION Bridge on North Edge of East Lynn LOGGED BY CNA

SECTION Z-BR LOCATION NE, SEC. 10, TWP. 23N, RNG. 13W, 2nd PM

COUNTY Vermilion DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

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Groundwater Elev.:
First Encounter 677.9 ft ▼
Upon Completion Wash Bore ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Till to Clay Loam Till *(continued)*			
647.9			
Gray Silty Clay Loam Till	3		
	4	2.9	16
-45	4	B	
644.9			
Gray Clay Loam Till			
	3		
	4	1.9	16
640.9 -50	5	B	
Brown Fine Sand			
638.9			
Gray Silt to Silty Clay	9		
	14	5.9	15
-55	18	S	
633.9			
Gray Clay	4		
	7	3.7	21
630.9 -60	10	B	

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, E-Estimate)
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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SOIL BORINGS

CH 10 / EAST LYNN ROAD OVER TRIBUTARY TO FOUNTAIN CREEK
F.A.S. ROUTE 331 - SECTION Z-BR
VERMILION COUNTY
STATION 47+96.00
STRUCTURE NO. 092-2039

Clark Dietz
CHAMPAIGN, ILLINOIS
CHICAGO, ILLINOIS
EVANSVILLE, INDIANA
INDIANAPOLIS, INDIANA
KENOSHA, WISCONSIN
SPRING GREEN, WISCONSIN

REVISIONS NAME	DATE

NOTICE: DIMENSIONAL DATA IS NOT TO BE OBTAINED BY SCALING ANY PORTION OF THIS DRAWING.

DESIGNED BY: S.M.M. PROJECT NO: 102313
DRAWN BY: MEW DATE: 8/05
CHECKED BY: M.M.
APPROVED BY: XXX
ACTIVITY DATE/NO.

DRAWING NUMBER
S-6