ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 331	Z-BR	Vermilion	49	25
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. 1 N. Abut.
Station 48+59
Offset 5.1 ft Lt.
Ground Surface Elev. 690.80 ft

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

Groundwater Elev.:
First Encounter 678.3 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Black/Green Mottled Sandy Clay Loam (Embankment)			3		
		-5	4 4	1.7 B	24
			1		
		-10	2 3	0.6 B	25
Brown/Gray Mottled Clay Loam to Loam	680.8		2		
			2 3	1.3 B	21
Brown Clay Loam Till	677.8		0		
		-15	2 4	3.1 B	19
			3		
Gray Clay Loam Till	673.8	-20	4 9	5.6 B	17
			3		
			4 7	5.2 B	15
Gray Clay Loam Till *(continued)*			2		
			4 6	4.1 B	15
			2		
		-25	5 7	3.9 B	15
Gray Clay to Clay Loam Till	662.8		2		
		-30	4 5	2.7 B	20
			1		
		-35	3 4	1.7 B	23
Brown Clay Loam Till with Silt Lenses	653.8		1		
		-40	3 4	2.0 B	18

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\BORING LOGS\VERMILION CNTY\0920070.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

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

BORING NO. 1 N. Abut.
Station 48+59
Offset 5.1 ft Lt.
Ground Surface Elev. 690.80 ft

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

Groundwater Elev.:
First Encounter 678.3 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Clay Loam Till with Silt Lenses *(continued)*			1		
		-45	4 4	2.0 B	16
Gray Clay Loam Till to Silty Clay Loam Till	643.8		4		
		-50	7 10	6.6 B	13
			5		
		-55	11 15	8.3 S	13
			3		
End of Boring	630.8	-60	5 7	3.3 B	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) 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\BORING LOGS\VERMILION CNTY\0920070.GPJ

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

NOTE: 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	INITIALS		

DRAWING NUMBER S-7