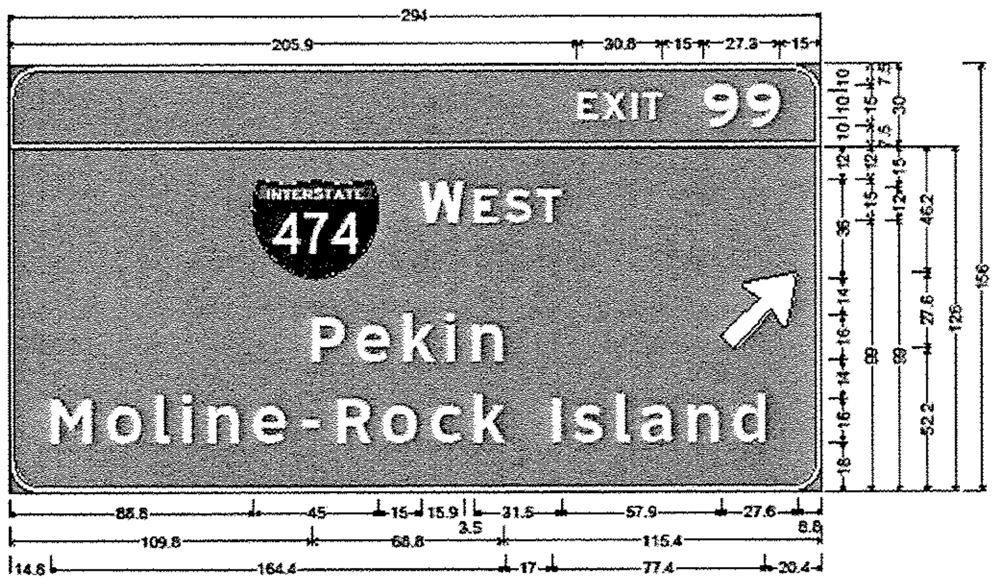

12.0" Radius, 2.0" Border, White on Green;
"EXIT 99" E Mod 2K;
12.0" Radius, 2.0" Border, White on Green;
"W EST" E Mod 2K; "Pekin" ClearviewHwy-5-W; "Moline-Rock Island" ClearviewHwy-5-W;
Arrow 160 - 35.0" 45°;
Table of distances between letter and object lefts.

	E	X	I	T	9	9	
205.9	8.8	10.8	3.8	22.4	15.2	12.1	15.0

	(shield)	W	E	S	T	(arrow)	
88.8	60.0	19.4	11.1	11.5	66.8	27.6	8.8

	P	e	k	i	n	
109.8	18.0	17.0	15.2	9.5	11.1	115.4

	M	o	l	i	n	e	-	R	o	c	k	I	s	l	a	n	d	
14.8	20.4	17.8	9.5	9.5	16.5	17.4	12.5	16.8	17.2	15.4	28.4	8.1	15.4	8.8	17.0	16.6	11.5	20.4

Illinois Department of Transportation

Division of Highways
Tenmcon

SOIL BORING LOG

Page 1 of 1

Date 2/12/14

ROUTE I 74 DESCRIPTION I-74 EB at ramp to Exit 99 (I-474 WB) LOGGED BY AF

SECTION D-4 Sign Trusses LOCATION Tazewell, SEC. , TWP. , RNG. , Latitude , Longitude

COUNTY Tazewell DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 4S090I074R098.30(exist)
Station

BORING NO. 4-26 Median
Station 389+67
Offset 4.0 ft Rt Median CL
Ground Surface Elev. 721.54 ft

Surface Water Elev. ______ ft
Stream Bed Elev. ______ ft

Groundwater Elev.:
First Encounter ______ ft
Upon Completion ______ ft
After ____ Hrs. ______ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
FILL: CLAY, brown and gray, very stiff (first sample frozen)			5 / 8 / 11		36
	717.04	-5	5 / 7 / 12	4.0 P	14
FILL: SILTY CLAY, gray, very stiff	715.04				
CLAY, brown and gray, soft to very stiff			3 / 5 / 6	1.8 S	27
		-10	2 / 1 / 2	0.5 P	25
	708.04		4 / 6 / 8	4.0 B	16
SILTY CLAY, brown, trace gray, stiff to hard		-15	3 / 6 / 9	3.5 S	16
Sample at 16' to 17.5': with rock fragments	703.04		8 / 14 / 50/4"	3.5 P	16
SANDY CLAY, brown and gray, stiff to very stiff		-20	3 / 6 / 9	3.8 S	16
SANDY CLAY, brown and gray, stiff to very stiff *(continued)*			4 / 8 / 9	2.0 P	12
turning gray		-25	4 / 6 / 6	1.5 P	13
	693.04		5 / 7 / 8	1.5 P	13
CLAY, gray, stiff to very stiff	691.54	-30	5 / 6 / 7	2.5 B	14
End of Boring		-35			
		-40			

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, form 137 (Rev. 8-99)

NOTE:
SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT PRIOR TO FABRICATION

FILE NAME : overhead sign plans.dgn Model	USER NAME : daviese	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DESIGN & SOIL BORING	F.A. RTE. VAR	SECTION D4-4 OVD SIN STR REPL 14-47
	PLOT SCALE : 39.3701 ' / in.	DRAWN -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	COUNTY VARIOUS	TOTAL SHEETS 65, SHEET NO. 59
	PLOT DATE : 3/21/2014	CHECKED -	REVISED -			CONTRACT NO. 46314	
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT	