

FAU ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8071	*	SANGAMON	425	250
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
(84-9) RS-6; (G)Z *				

Illinois Department of Transportation
Division of Highways
1001 District 6

SOIL BORING LOG

Page 1 of 1
Date 6/28/06

ROUTE FAI 72 DESCRIPTION Overhead Sign Truss for 6th Street Ramp from West Bound I-72 LOGGED BY M. Tappan

SECTION (84-9-4) HBK, BY-1 LOCATION SE 1/4, SEC. 15, TWP. 15 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 6S0841072L097.6
PR
Station 687+75

BORING NO. 2 South (Left)
Station 687+70
Offset 34.0ft Lt
Ground Surface Elev. 588.9 ft

DEPTH (ft)	DIAMETER (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0		Light Grey Dry Silt		
2				
9	2.2			Refer STA to Existing Overhead Sign Structure 6C0841072L97.6 - 687+75, STA Increase to East
7	S-10			
2		Brown and Light Grey Moist SILTY CLAY		Refer Elevation to cl. of I-72 at STA 687+75 -592.07'
3	0.8			
2	B			
-5				
1				
1	0.4			
1	B			
1				
1	1.0			
2	B			
578.90	-10	Light Olive Brown and Grey Moist SILTY CLAY (F11)		
1				
3	1.4			
3	B			
575.90		Light Olive Grey V. Poorly Cemented Fine Grained SANDSTONE (Note - Very Weak Material, Crumbled in Hand)		
15				
100	/6"			
-15				
572.90	20	Interbedded Grey Poorly Indurated SANDY SHALE and Calcareous SHALE Seams		
100	/5"			
5				
569.90	100	Grey Dry Fissile Silty SHALE w/ Sandy Shale Seams		
100	/4"			
-20		Boring Completed		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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)

File Name: S:\SOLS\GINT FILES\SANGAMON\OVERHEAD SIGN TRUSS AT WB I-72 AND 6TH STREET\BMP\DP1 Data Template\BTEMP1.LOT Date Printed: 9/1/06
Latitude: 39 Deg 44.891' N Longitude: 89 Deg 38.378' W Datum: NAD83 Job Number: C96-522-04

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Date 6/28/06

ROUTE FAI 72 DESCRIPTION Overhead Sign Truss for 6th Street Ramp from West Bound I-72 LOGGED BY M. Tappan

SECTION (84-9-4) HBK, BY-1 LOCATION SE 1/4, SEC. 15, TWP. 15 N, RNG. 5 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

STRUCT. NO. 6S0841072L097.6
PR
Station 687+75

BORING NO. 1 North (Right)
Station 687+62
Offset 52.0ft Lt
Ground Surface Elev. 589.7 ft

DEPTH (ft)	DIAMETER (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0		Dark Grey and Brown Moist SILTY CLAY		
2				
3	2.6			
4	S-10			
2		Brown and Light Grey Moist SILT		
2	0.5			
2	B			
-5				
583.20		Brown and Light Grey Moist SILTY CLAY		
1				
2	0.5			
2	B			
581.20		Brown and Grey Moist SILTY CLAY (F11)		
2				
3	0.9			
4	B			
-10				
1				
3	1.0			
3	B			
576.70		Light Olive Grey Moist V. Poorly Cemented Fine Grained SANDSTONE (Note - Very Weak Material, Crumbled in Hand)		
11				
40				
60	/3"			
-15				
573.20	3	Grey Moist Poorly Indurated Micaceous SANDY SHALE w/ Friable Silty SHALE Seams		
20				
41				
5				
90		Grey Dry Fissile Silty SHALE		
10				
-20		Boring Completed		

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MACARTHUR/I72 OVERHEAD SIGN STRUCTURE BORINGS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING - SOIL BORING LOG
FAI-72, MACARTHUR BLVD
SECTION
(84-9) RS-6; (G)Z
SANGAMON COUNTY, ILLINOIS

SCALE: VERT. HORIZ.
DATE: Mar-20-2008 09:40:38AM
DRAWN BY: IDOT
CHECKED BY: IDOT



LAYOUT	CLG	09/17/07
DRAWN	CLG	09/17/07
REVIEWED	JMM	09/17/07