

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	•••	52	52
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		
• FAI 55/70		CONTRACT# 76973		
•• DIST 8 ITS 2006-2				
••• MADISON & ST. CLAIR & CITY OF ST. LOUIS, MO				



**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation

# SOIL BORING LOG

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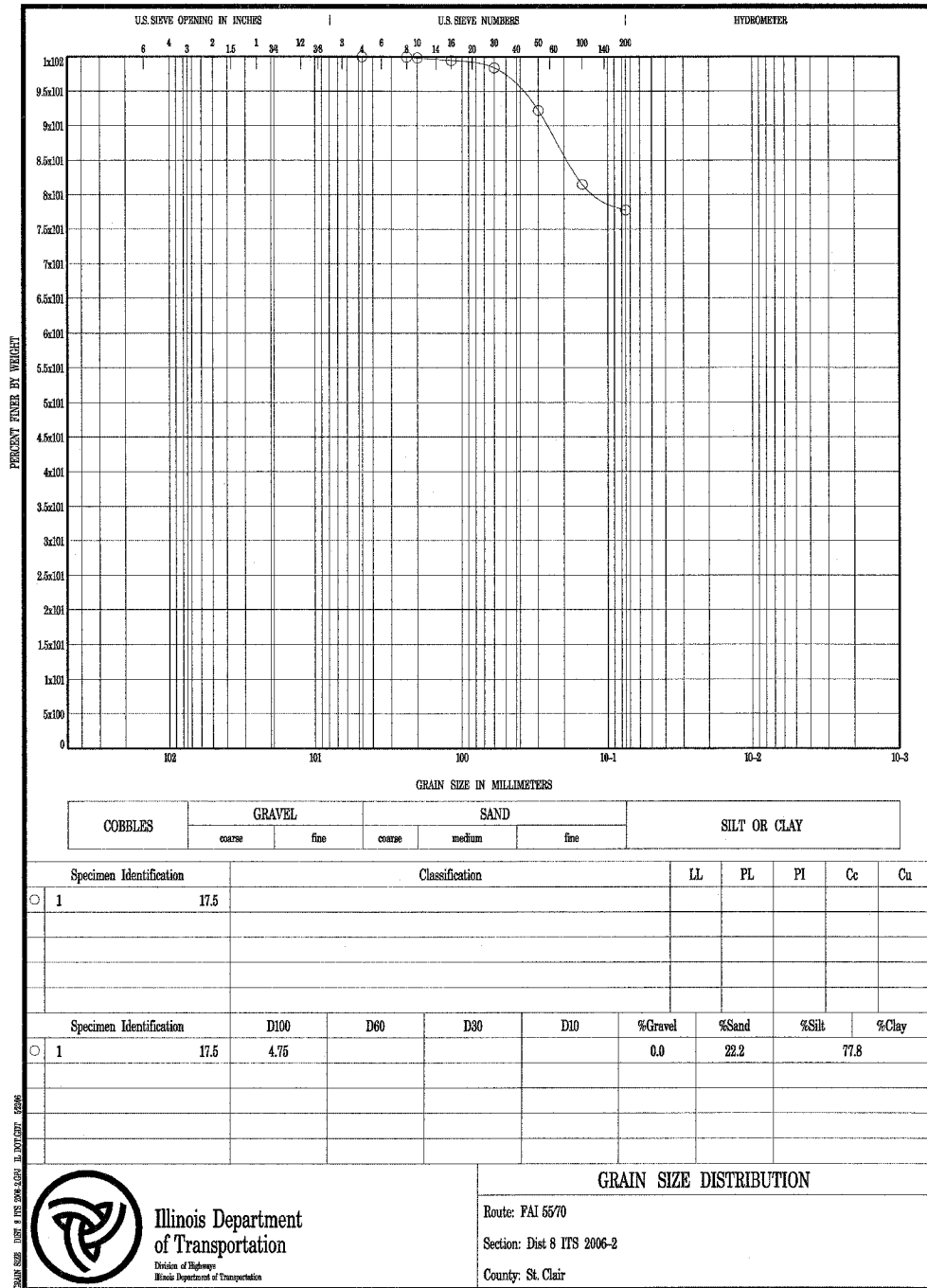
Date 4/5/06

ROUTE FAI 55/70 DESCRIPTION \_\_\_\_\_ HAR Sign on I-55/70 LOGGED BY E. Stewart  
SECTION Dist 8 ITS 2006-2 LOCATION SEC. 5, TWP. 2N, RNG. 9W, 3 PM  
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. N/A Station \_\_\_\_\_  
BORING NO. 1 Station 205+30  
Offset 100.00ft Right  
Ground Surface Elev. \_\_\_\_\_ ft

SOIL DESCRIPTION	DEPTH (ft)	BLOW COUNT (6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	SOIL TESTS			
					DEPT (ft)	BLOW COUNT (6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)
Dark Gray Silty LOAM (continued)	4				0			
	6	1.56	28		2	0.33	56	
	8	B20			7	B20		
Dark Brown and Gray CLAY	4				0			
	6	2.17	29		0	N/C		
	7	B20			0			
	-5				-25			
	4							
	6	0.37	28					
	8	B10						
Dark Blue and Gray Silty Clay LOAM	3							
	4	0.65	30					
	5	B20						
	-10				-30			
	3							
	4	0.87	34					
	5	B15						
Speckled Brown and Dark Gray Silty Clay LOAM	0							
	0	0.52	47					
	3	B15						
	-15				-35			
	0							
	2	0.69	62					
	1	B15						
	0							
	2	0.65	49					
	2	B20						
Dark Gray Silty LOAM	-20				-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, from 137 (Rev. 8-99)



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Route: FAI 55/70  
Section: Dist 8 ITS 2006-2  
County: St. Clair

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SOIL BORINGS
NAME	DATE	
		FAI 55/70 SECTION DIST 8 ITS 2006-2 MADISON AND ST. CLAIR COUNTY AND ST. LOUIS, MO
DATE 5/23/2006		

PLOT DATE = 5/23/2006  
FILE NAME = c:\projects\aed11695\electrical\top\h11695a.dgn  
PLOT SCALE = 1/8"=1'-0"  
REFERENCE = REF#