

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*		EFFINGHAM	12	12
STA. TO STA.				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



Illinois Department of Transportation  
Division of Highways  
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 1

Date 11/22/05

ROUTE FAP 95 DESCRIPTION TS Mast Arm Foundation LOGGED BY E. Sandschafer  
SECTION D7 Signal Modernization LOCATION SE 14, SEC. 20, TWP. 8 N, RNG. 6 E, 3 PM  
COUNTY Effingham DRILLING METHOD Hollow stem auger HAMMER TYPE Auto 140#

STRUCT. NO. NA  
Station gINT 025-ts02  
BORING NO. 1  
Station \*  
Offset  
Ground Surface Elev. ft 198.81 ft

DEPTH (ft)	DIAMETER (ft)	SOIL TYPE	MOISTURE (%)	PLACEMENT	DEPTH (ft)	DIAMETER (ft)	SOIL TYPE	MOISTURE (%)	PLACEMENT
0		7 3/4" concrete pavement.							
0		Gray, LOAM.							
198.81		Very stiff to medium, damp, grayred, CLAY w/Silt.	3						
			4	1.7					
			7	B					
			3						
			5	0.8					
			5	B					
			1						
			3	0.7					
			4	B					
			2						
			2	0.5					
			3	B					
			7						
186.31		Hard, very moist, red, SANDY LOAM TILL.	22	4.9					
			49	PP					
			30						
			40	+4.5					
			45	PP					
183.01		Hard, very moist, gray, CLAY LOAM TILL, sample pokerchipped.							
181.81		Stiff, damp, gray, SANDY LOAM TILL.	49						
180.91		Extent of exploration.	503"	1.7					
			502"	S					

Surface Water Elev. NA ft  
Stream Bed Elev. NA ft  
Groundwater Elev.:  
First Encounter 181.8 ft  
Upon Completion 181.8 ft  
After Hrs. NA ft  
Benchmark: Top of NW bolt cover on existing mast arm foundation in NE corner at intersection of Maple Street and Fayette Avenue = assumed 200.00'  
\* Location of Bl: 5.5' N and 9.0' W of existing center of mast arm foundation in NE corner, as above. Located in NB lane of Maple Street.

Latitude, Longitude, Map Datum

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)

D7 SIGNAL MODERNIZATION 2006-1

PLOT DATE = 3/24/2006  
FILE NAME = #FILEL9  
PLOT SCALE = #SCALE#  
USER NAME = district

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE		
		BORING LOG	
SCALE:	VERT.:	DRAWN BY:	
DATE:	HORIZ.:	CHECKED BY:	