

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		EFFINGHAM	12	12

STA.	TO STA.
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

• D7 SIGNAL MODERNIZATION 2006-1



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

SOIL BORING LOG

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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.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
NA	gINT 025-ts02	P	O	S	I	NA		P	O	S	I
BORING NO.	1	H	S	Qu	T	Stream Bed Elev.	NA	H	S	Qu	T
Station	*					Groundwater Elev.:					
Offset						First Encounter	181.8				
Ground Surface Elev.	ft 198.81	(ft)	(6")	(tsf)	(%)	Upon Completion	181.8	(ft)	(6")	(tsf)	(%)
						After	Hrs. NA				
7 3/4" concrete pavement. 198.21											
Gray, LOAM. 196.81											
Very stiff to medium, damp, gray/red, CLAY w/Silt. 196.81											
Hard, very moist, red, SANDY LOAM TILL. 186.31											
Hard, very moist, gray, CLAY LOAM TILL, sample pokerchipped. 183.01											
Stiff, damp, gray, SANDY LOAM TILL. 180.91											
Extent of exploration. 592'											

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)



Illinois Department of Transportation
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SOIL BORING LOG

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Date 4/10/06

ROUTE FAU 8379 (US 45) DESCRIPTION TS Mast Arm Foundation LOGGED BY E. Sandschafer

SECTION D7 Signal Mod 2006-1 LOCATION NW 14, SEC. 29, TWP. 8 N, RNG. 6 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
NA	025-TS03	P	O	S	I	NA		P	O	S	I
BORING NO.	1	H	S	Qu	T	Stream Bed Elev.	NA	H	S	Qu	T
Station	106+35					Groundwater Elev.:					
Offset	42.00ft					First Encounter	Dry				
Ground Surface Elev.	594.02	(ft)	(6")	(tsf)	(%)	Upon Completion	Dry	(ft)	(6")	(tsf)	(%)
						After	24 Hrs. 588.7				
Topsoil. 593.89											
Soft to medium, damp, gray/red/brown, CLAY w/trace Sand. 578.02											
Hard, moist, gray, LOAM TILL w/ fine gravel, (continued) 578.02											
Extent of exploration. 578.02											
Soft, very damp, gray, LOAM. 581.22											
Hard, moist, red, SANDY CLAY LOAM TILL. 579.52											
Hard, moist, gray, LOAM TILL w/ fine gravel. 577.02											

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)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
MAPLE STREET
AND
BANKER STREET

SCALE: VERT. _____
HORIZ. _____
DATE _____ DRAWN BY _____
CHECKED BY _____

Rev. Sheet 5-31-06