

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(BX-1)TS-2	CLARK	8	8
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
• F.A.P. RTE. 332 AND F.A.S. RTE. 1707				



SOIL BORING LOG

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Date 8/29/06

ROUTE FAS 1707 (US 40) DESCRIPTION TS Mast Arm Foundations @ US45 /IL 1 LOGGED BY E. Sandschafer

SECTION (BX-1)TS-2 LOCATION Sec 12 - S 12, Sec 13 - N 12, SEC. TWP. 11 N. RNG. 12 W. 3 PM

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

STRUCT. NO.	gINT File	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	012-ts01	E	L	C	O	Stream Bed Elev.	ft	P	O	S	I
BORING NO.	1 (SE)	T	W	S	S	Groundwater Elev.:		T	W	S	S
Station	3456+33	H	S	Qu	T	First Encounter	180.2	H	S	Qu	T
Offset	44.00ft R										
Ground Surface Elev.	199.65	ft	(ft)	(6")	(ts)	(%)					
Brown, CLAY LOAM w/many grass roots.						179.35	502"				14
	197.65						502"				
Medium to stiff, damp, gray/brown/red, CLAY.		3				177.15	27				
		4	1.0	19		176.85	503"				8
		5	B				501"				
		2									
with trace fine gravel.		4	1.0	26							
		4	B								
		2									
		4	1.0	22							
		4	B								
	190.15										
Stiff, damp, gray, CLAY w/trace Sand.		2									
		3	1.9	18							
		5	B								
	187.55										
Stiff, damp, red to gray, SANDY LOAM.		5									
		9	1.1	20							
		11	S								
		23									
Sample broken, unable to test for Qu.		506"		13							
		501"									
	182.65										
Medium, very moist, red, fine grained, SAND. 29% passing #200 sieve.		23									
		14		12							
		11									
	180.15										
Very dense, very moist, gray,		21									

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)



SOIL BORING LOG

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

STRUCT. NO.	gINT File	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
Station	012-ts01	E	L	C	O	Stream Bed Elev.	ft	P	O	S	I
BORING NO.	2 (NW)	T	W	S	S	Groundwater Elev.:		T	W	S	S
Station	3454+42	H	S	Qu	T	First Encounter	178.9	H	S	Qu	T
Offset	23.00ft L										
Ground Surface Elev.	199.90	ft	(ft)	(6")	(ts)	(%)					
4" crushed aggregate shoulder.						199.60					38
Medium, damp, gray mottled red, SILTY LOAM.											503"
		3									
		4	0.8	21							
		3	B								
	177.20										6
Extent of exploration.											
	195.40										
Medium, red/gray, CLAY.		2									
		3	0.7	26							
		3	B								
		2									
		2	0.6	23							
		3	B								
		2									
		3	1.9	18							
with fine Gravel.		5	B								
	187.90										
Stiff to very stiff, red marbled gray, SANDY CLAY LOAM.		7									
		10	2.0	15							
		41	S								
	185.40										
Very dense, damp, gray, SANDY LOAM SHALE. Samples broken, unable to test for Qu.		42									
		504"		13							
		502"									
		506"									
		502"		14							
		501"									
	180.40										
		23									

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BBS, from 137 (Rev. 8-99)

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		BORING LOGS

SCALE: VERT. _____
HORIZ. _____

DATE _____ DRAWN BY _____
CHECKED BY _____

PLOT DATE = 10/12/2006
FILE NAME = c:\pwworkspace\74209\82206\plog.dgn
PLOT SCALE = 1/8" = 1'-0"
USER NAME = mskrtm