



Illinois Department
of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 7/2/06

ROUTE FAP 8012 DESCRIPTION Wabash Avenue over Drains Ditch LOGGED BY M. Tappan

SECTION 21 LOCATION SE 1/4, SEC. 10, TWP. 15 N, RNG. 6 W, 6 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO.	None Assigned	D	B	U	M	Surface Water Elev.	N/A	D	B	U	M
Station	398+25	E	L	C	O	Stream Bed Elev.	N/A	E	L	C	O
BORING NO.	1	P	O	S	I	Groundwater Elev.:		P	O	S	I
Station	398+25	T	W	S	S	∇ First Encounter	598.2	T	W	S	S
Offset	38.0ft Rt	H	S	Qu	T	∇ Upon Completion	592.2	H	S	Qu	T
Ground Surface Elev.	609.7	(ft)	/B"	(in)	(%)	∇ After 3 Days Hrs.	605.2	(ft)	/B"	(in)	(%)
Brown and Grey Moist SILTY CLAY						Greyish Brown Moist CLAY LOAM (TII) (continued)					
		2						5			
		3	1.9		27			23	7.3		11
		4	B					28	S-11		
	608.70										
Tan and Light Grey Moist SILT											
		1						6			
		2	1.1		24			14	7.1		10
		3	S-13					22	S-13		
	604.20										
Tan and Light Grey Moist SILT LOAM						Boring Completed					
		1				Refer Elevation to STA 398+25,					
		1	1.0		26	cl. = 614.4'					
		3	B			Refer STA to STA 398+25					
	601.70					Printed on Road					
Light Brown and Grey Moist SILTY CLAY											
		1									
		1	0.4		25						
		2	B								
		-10									
Free Water											
		0									
		0	0.3		28						
		2	B								
	598.70										
Brown and Grey Moist CLAY (TII)											
		1									
		1	0.7		28						
		-15	B								
		0									
Olive Brown and Blue Grey											
		1	0.4		23						
		1	B								
	591.70										
Greyish Brown Moist CLAY LOAM (TII)											
		2									
		5	4.6		15						
		8	S-10								
		-20									

File Name: S:\PROJECTS\2006\200607\20060701\WABASH AVENUE OVER DRAIN DITCH AT 398+25.DWG Date Printed: 8/20/06
 Labeled as: 2006-07-21 10:40:00 AM 4400 W. Illinois Road Job Number: 2006-07-21

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)

BORINGS
WABASH AVENUE OVER
WATERWAY NO. 1
STA. 398+25.00
SANGAMON COUNTY

Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL 62708 Phone: (217)544-8033 IL Design Firm No. 184-001907	SHEET NO. 5		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	5 SHEETS		8012	21(I-3)	SANGAMON	147	61
					CONTRACT NO. 72A02		
		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			