



Illinois Department  
of Transportation  
Division of Highways  
District 6

# SOIL BORING LOG

Page 1 of 1

Date 6/25/09

ROUTE FAP 662 DESCRIPTION Veterans Pkwy/Monroe St. Intersection Northeast Mast Arm Foundation LOGGED BY M. Tappan

SECTION (2-1-2,2-2)RS, TS-6 LOCATION SW 14, SEC. 36, TWP. 16 N, RNG. 6 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 lb Auto

STRUCT. NO.	NA	D	B	U	M	Surface Water Elev.	NA	ft	D	B	U	M
Station	NA	E	L	C	O	Stream Bed Elev.	NA	ft	E	L	C	O
BORING NO.	NE-MA	P	O	S	I	Groundwater Elev.:			P	O	S	I
Station	51+05	T	W	S	T	▽ First Encounter	593.9	ft	T	W	S	T
Offset	83.0ft LT	H	S	Qu	T	▽ Upon Completion	589.9	ft	H	S	Qu	T
Ground Surface Elev.	606.9	(ft)	/ft	(taf)	(%)	▽ After 6 Days Hrs.	599.9	ft	(ft)	/ft	(taf)	(%)

Moist SILTY CLAY						586.40						
		2				Moist CLAY LOAM (Till)			3			
Black (Disturbed)		3	1.6	25		Grey and Brown			17	8.6	10	
		4	B						30	S-11		
		1							4			
Brown and Light Grey		2	0.8	28					45	7.2	11	
		3	B						55.5"	S-13		
	600.90											
Tand and Light Grey Wet SILT LOAM		0										
		1	0.2	29								
		1	B									
	598.40											
Tand and Light Grey Wet SILTY CLAY LOAM		0				Grey			4			
		0	0.0	29					16	12.0	9	
		1	B						24	S-12		
	596.40											
Grey and Brown Very Moist SILTY CLAY		0										
		0	0.5	25								
		1	B									
	594.40											
Grey Well Indurated Sandy Argillaceous LIMESTONE BOULDER						574.90						
						574.40			1001"			
Auger Refusal - Boring Completed												
Grey and Brown SILTY CLAY (Till)		0										
Free Water Moist		1	1.1	25								
		2	B									
		0										
		1	1.3	19								
		2	B									
		0										
Very Moist		1	0.4	22								
		1	B									

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)

File Name: S:\SOILS\GINT FILES\SANGAMON\VETERANS-MONROE MAST ARM\BGRV Data Template\TEMP\PLT.CITY Data Printed 10/5/09  
Latitude: 39° 26' 26" Longitude: 89° 28' 00" Datum: NAD83 Job Number: L-98-08-03



JOB = 2200.4  
FILE NAME = d672B99-shr-brgs.dgn  
PLOT SCALE = 38.4801 m / IN.  
PLOT DATE = Oct-29-2009 12:06:51PM

DESIGNED -  
DRAWN -  
CHECKED -  
DATE -

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORINGS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	1888
CONTRACT NO. 72B99				
FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				