

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
592	121-1R, 121HVB	ST CLAIR	239	133
STA. 99+97.51 TO STA. 104+71.60				
TRAFFIC SIGNAL BORINGS - ST. PAUL DRIVE				



Illinois Department of Transportation  
Division of Highways  
District #6, Collinsville

SOIL BORING LOG

Page 1 of 1

ROUTE FAP 592 DESCRIPTION Traffic Signals at IL 157 and St. Paul Dr. in Cahokia LOGGED BY Mark Denton  
SECTION 121-1R, 121HVB LOCATION SEC. , TWP. , RNG. , PM  
COUNTY St. Clair DRILLING METHOD Hand Auger HAMMER TYPE DCP

STRUCT. NO. Station	DEPTH H	BULGE B	SHEAR S	PENETROMETER P	UCS Qu	MODE T	SPT T	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
								ft	ft	ft	ft	ft	ft
#1 EB Station 5023+22 Offset 63.00ft RT Ground Surface Elev. 410.42													
Brown Silty CLAY					2.7								
	8				2.5	24							
					4.3	34							
407.4													
Brown Silty Clay LOAM					2.3	22							
	12				2.5	18							
405.4													
Brown Silty SAND					0.8	27							
	6				0.5	14							
					0.5	34							
	8				0.5	32							
401.4						23							
End of Hand Auger													
	-10												
	-15												
	-20												

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)



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SECTION 121-1R, 121HVB LOCATION SEC. , TWP. , RNG. , PM  
COUNTY St. Clair DRILLING METHOD Hand Auger HAMMER TYPE DCP

STRUCT. NO. Station	DEPTH H	BULGE B	SHEAR S	PENETROMETER P	UCS Qu	MODE T	SPT T	Surface Water Elev.		Stream Bed Elev.		Groundwater Elev.:	
								ft	ft	ft	ft	ft	ft
#2 NB Station 5022+90 Offset 46.00ft LT Ground Surface Elev. 410.07													
Brown Silty CLAY					1.8								
	8				2.7	28							
408.1					1.2	28							
Brown Silty Clay LOAM					1.4	26							
	8				1.0	34							
406.1					0.8	22							
Brown Sandy CLAY					0.3	23							
	10				0.3	9							
404.1					0.3	12							
Brown Silty SAND					14								
	8												
402.1													
End of Hand Auger													
	-10												
	-15												
	-20												

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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)

PLOT DATE = 8/31/2007  
FILE NAME = H:\V\2101815\Microstat\Design\laboringadgn  
PLOT SCALE = 800000 / IN  
USER NAME = WBERN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
TRAFFIC SIGNAL BORINGS  
IL ROUTE 157 & ST. PAUL DRIVE  
FAP ROUTE 592  
SECTION 121-1R, 121HVB  
ST. CLAIR COUNTY  
DRAWN BY: