

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
592	121-1R, 121HVB	ST CLAIR	239	136
STA. 99+97.51 TO STA. 104+71.60				
TRAFFIC SIGNAL BORINGS - RANGE LANE				



Illinois Department of Transportation
Division of Highways
District #8, Collinsville

SOIL BORING LOG

Date 11/14/01

ROUTE FAP 592 DESCRIPTION Traffic Signals at IL 157 and Range Ln. in Cahokia LOGGED BY Sarah Palmer
SECTION 121-1R, 121HVB LOCATION . SEC. , TWP. , RNG. , PM
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____ Station _____
BORING NO. #6 NE Station 5037+61 Offset 61.00ft LT Ground Surface Elev. 413.41 ft
D E P T H (ft) B L O W S (/6") U C S (tsf) M O I S T (%)
Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter 398.4 ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

Brown Silty SAND	3				
	3	0.5			
	3	P			11
	4				
	4	0.3			
	5	P			11
	3				
	5	0.2			
	5	P			19
	404.4				
Brown Sandy LOAM	2				
	1	1.1			32
	2	P			
Brown SILTY LOAM with Gravel A-6(11) See Classification @ 11.5'	5	1.5			33
		S/20			
Brown SAND See Gradation @ 15.5'	9				
	10	NC			9
	5				
	7				
	6	NC			27
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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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COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. _____ Station _____
BORING NO. #7 SE Station 5037+39 Offset 59.00ft RT Ground Surface Elev. 413.66 ft
D E P T H (ft) B L O W S (/6") U C S (tsf) M O I S T (%)
Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft
Groundwater Elev.:
First Encounter Dry Hole ft
Upon Completion _____ ft
After _____ Hrs. _____ ft

Dark Brown SANDY LOAM Topsoil with some Organics See Classification @ 3.0'	5				
	6	2.5			
	8	P			8
	409.2				
Brown Fine to Medium SAND See Gradation @ 10.5'	5				
	6				
	5	NC			4
	3				
	3				
(darker color)	3	NC			12
	2				
	4				
	3	NC			11
	402.2				
Brown Silty SAND	4				
	4	0.2			
	2	P			16
	4				
	4				
	6	0.5			
	4	P			23
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
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
TRAFFIC SIGNAL BORINGS
IL ROUTE 157 & RANGE LANE
FAP ROUTE 592
SECTION 121-1R, 121HVB
ST. CLAIR COUNTY
DRAWN BY: