



SOIL BORING LOG

Date 5/12/95

ROUTE FAP 312 DESCRIPTION Traffic Signals at Relocated IL 3 and South Market Street LOGGED BY Kirk Brown

SECTION 68R-1-3 LOCATION SE 1/4, SE 1/4, SEC. 36, TWP. 2S, RNG. 10W, 3rd PM,
Latitude, Longitude

COUNTY Monroe DRILLING METHOD Hand Auger HAMMER TYPE _____

STRUCT. NO. N/A DEPTH _____ SURFACE WATER ELEV. _____ ft
 Station N/A STREAM BED ELEV. _____ ft
 BORING NO. #1 NE Mast Arm GROUNDWATER ELEV.:
 Station 1980+67 First Encounter _____ ft
 Offset 46.0 ft Right Upon Completion _____ ft
 Ground Surface Elev. 689.15 ft After Hrs. _____ ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	SPT (N)
1.8	Brown Silty CLAY	24	
2.3		28	
4		28	
1.8		28	
1.3		29	
4		28	
0.8		26	
-5		25	
5		25	
0.8		25	
4		25	
0.8		25	
1.3		22	
-10		29	
2.3		29	
677.15			
3.3	Sandy Silty CLAY	24	
676.15			
	END OF HAND AUGER		
-15	Pocket Penetrometer used for Qu		
	Due to inaccessability or buried utilities, Hand Augers were used. "N" values shown are calibrated from a curve converting Dynamic Cone N to SPT "N". Reference ASTM STP 399		
	End of Boring		
-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, form 137 (Rev. 8-99)



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Latitude, Longitude

COUNTY Monroe DRILLING METHOD Hand Auger HAMMER TYPE _____

STRUCT. NO. N/A DEPTH _____ SURFACE WATER ELEV. _____ ft
 Station N/A STREAM BED ELEV. _____ ft
 BORING NO. #2 SW Mast Arm GROUNDWATER ELEV.:
 Station 1979+82 First Encounter _____ ft
 Offset 38.0 ft Left Upon Completion _____ ft
 Ground Surface Elev. 689.03 ft After Hrs. _____ ft

DEPTH (ft)	SOIL DESCRIPTION	UCS (tsf)	SPT (N)
1.3	Brown Silty CLAY	24	
2.3		26	
5		26	
2.5		27	
1.0		27	
5		27	
1.3		26	
-5		25	
5		25	
1.0		25	
4		25	
1.2		24	
0.8		22	
-10		22	
4		20	
1.3		26	
678.03			
3.0	Sandy CLAY	20	
677.03			
3.0	Silty CLAY	26	
676.03			
	END OF HAND AUGER		
-15	Pocket Penetrometer used for Qu		
	Due to inaccessability or buried utilities, Hand Augers were used. "N" values shown are calibrated from a curve converting Dynamic Cone N to SPT "N". Reference ASTM STP 399		
	End of Boring		
-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, form 137 (Rev. 8-99)

LAST SAVED = 10/3/2012 10:34:41 AM
 PEN TABLE = 100-344-141
 PLOT DRIVER = pdfNCLAYERS\p21cfcg

FILE NAME =	USER NAME = jepettibone	DESIGNED -	REVISED -
I:\1001100\Phase II - 76FSI\Cad\T\Plans\95_0876F51-sht-ts-06.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/4/2012 5:11:19 PM	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION



TRAFFIC SIGNAL DETAILS
 RELOCATED VANDEBROOK DR / S MARKET ST & IL ROUTE 3
 SCALE: 1" = 20'
 SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9324	68-R-1	MONROE	192	99
CONTRACT NO. 76F51				
ILLINOIS FED. AID PROJECT				