



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY EED

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA with MR below 20 ft HAMMER TYPE CME 750X / 73%

STRUCT. NO. 8S0821055L005.0
Station MILE MARKER 5.0

BORING NO. ST- 7
Station Mile Marker 5.0

Offset _____
Ground Surface Elev. 408.33 ft

D E P T H	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. <u>Unknown</u> ft	D E P T H	B L O W S	U C S Qu	M O I S T T
(ft)	(/6")	(tsf)	(%)	Stream Bed Elev. <u>Unknown</u> ft	(ft)	(/6")	(tsf)	(%)
				Groundwater Elev.:				
				First Encounter <u>389.8</u> ft ▼				
				Upon Completion <u>**</u> ft				
				After _____ Hrs. <u>**</u> ft				
				387.83				
	2			Loose to very loose, gray, FINE GRAINED SAND		3		
	2	0.8	32	Grain Size Distribution Conducted		4		
	3	S		loose		4		
	2					2		
	3	1.6	29			1		
	3	S				1		
				very loose		-25		
				382.83				
	2			Medium dense, gray, FINE GRAINED SAND		3		
	2	1.6	24			6		
	3	S				8		
				Grain Size Distribution Conducted		7		
	1					7		
	4	1.4	30			6		
	3	B				-30		
	1							
	1	0.4	46					
	2	B						
	1					5		
	1	0.4	54			6		
	1	B				6		
				End of Boring				
	0			373.33		-35		
	4	0.5	49					
	8	S		391.33				
				Medium dense, gray, FINE GRAINED SAND				
	4							
	6							
	7							
						-40		

Medium stiff to stiff, gray, CLAY

soft

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)

* Rimac not measured due to sample disturbance
** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

FILE NAME - DBTRI-76C45-sht:soil.boring.dgn	USER NAME - mmcoconacht	DESIGNED - PMK	REVISED - -
		DRAWN - PMK	REVISED - -
		CHECKED - MPW	REVISED - -
		DATE - 2/2/2012	REVISED - -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: N/A SHEET NO. 7 OF 7 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	82-1SG	ST. CLAIR	145	145
*998/70/64			CONTRACT NO. 76C45	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		