



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME 55 TRK

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T %	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft	D E P T H	B L O W S	U C S Qu	M O I S T %	Groundwater Elev.: First Encounter <u>**</u> ft Upon Completion <u>**</u> ft After <u> </u> Hrs. <u>**</u> ft
8S0821055L003.6 64W STA 77+03.00										
BORING NO. <u>ST- 8</u> Station <u>77+00</u> Offset <u> </u> Ground Surface Elev. <u>438.50</u> ft										
Asphalt - 8 inches										
437.83										
Black, CLAY (FILL)		5					4			
		8	0.7	15			4	1.2	18	
		8	B				6	S		
										415.50
		4					1			
		7	1.0	15			2	0.2	18	
		9	S				3	S		
										413.00
		3					1			
		6		17			2	1.2	29	
		7					4	S		
										410.50
430.50		2					2			
Medium dense, gray, SANDY LOAM		5		15			3		12	
		9					3			
										428.00
428.00		3								
Medium stiff to stiff, gray, SANDY CLAY LOAM		5	0.7	17						
		7	S							
										435.3
		2					11			
		3	2.2	17			14			
		5	S				16			
										403.50
										End of Boring
		8								422.00
422.00		13	1.0	17						
		16	S							
										430.3
		2								
		7	1.4	13						
		7	S							
										408.3
										End of Boring

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 BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used



SOIL BORING LOG

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY DLD
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA HAMMER TYPE CME 55 / 80%

STRUCT. NO. Station	D E P T H	B L O W S	U C S Qu	M O I S T %	Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft	D E P T H	B L O W S	U C S Qu	M O I S T %	Groundwater Elev.: First Encounter <u>**</u> ft Upon Completion <u>**</u> ft After <u> </u> Hrs. <u>**</u> ft
8C0821064L003.9 64W STA 68+98.98										
BORING NO. <u>ST-17</u> Station <u> </u> Offset <u> </u> Ground Surface Elev. <u>448.3</u> ft										
Gray, SILT (FILL), trace gravel										
427.8										
		1								
		8		23						
		10								
										425.3
		11								
		10	2.5	26						
		14	S							
										442.8
442.8		5								
Gray, SANDY CLAY LOAM (FILL)		6	1.0	18						
		6	P							
										420.3
		5								
		6	1.7	17						
		6	P							
										420.3
		2								
		4	1.7	19						
		7	P							
										416.3
										Very stiff, black, SILTY CLAY
		4								
		10		20						
		12								
										432.8
		3								
		8	1.0	17						
		14	P							
										430.3
		4								
		5	2.2	19						
		9	P							
										408.3
										End of Boring

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 attempted, not measured due to sample disturbance BBS, from 137 (Rev. 8-99)
** Not measured due to drilling methods used