BORING NO. PB-203A (1 OF 3)

BORING NO. PB-203A (2 OF 3)

LOCATION East St. Louis, IL, SEC. 18, TWP. 2N, RNG. 9W

SOIL BORING LOG

Trilevel Interchange

BORING NO. PB-203A (3 OF 3)

(PS)	nois Departmer Transportation	nt					SOIL BORING LO)G	F	age	1	of _S
Divisio	n of Highways chinology						OOIL BOILING LC	,	1	Date	3	/28/02
ROUTE FAI 64		DESCRIPTION			Trilevel Interchange LOGGE					RLH		
SECTION	81-2, 82R		L(CATIO	N _	East St.	Louis, IL, SEC. 18, TWP. 2N, RNG. 9W					
COUNTY	St. Clair DRILL	LING ME	ETHOD			Н	bllow Stern Auger and Mud Rotary HAMM	ER TYPE		Autom	atic Ham	mer
STRUCT. NO.	082-0394	_	D	В	U	М		Inknown ft	D	В	U	М
Station	NA	_	E	L	C S	0	Stream Bed Elev. L	Inknown ft	E P	L	C S	0
BORING NO.	PB-203A		T	w	ŭ	s	Groundwater Elev.:		T	w	•	s
Station	18+55	-	н	s	Qu	Т	First Encounter	385.7 ft 🔻	Н	S	Qu	T
Offset	10.00ft right	-					Upon Completion	** ft				
Ground Surface Elev.	393.66	ft	(ft)	(/6")	(tsf)	(%)	After ** Hrs.	** ft	(ft)	(/6")	(tsf)	(%)
Asphalt over concrete - 1:			1				Soft, gray, SILTY LOAM					
(FILL)	Ziliules						(continued)	373.1	16	1		
Brown, SILTY LOAM (FIL	11	392	66	2			Very loose to medium dense, gray,		-	1		
BIOWII, SILT I LOAM (FIL	-L)		-	7			FINE GRAINED SAND		+	1		
Brown, MEDIUM GRAINE	ED CAMP	391.	.66	8			See Gradation Test Results	-		2		
(FILL)	EU SANU			0			See Gradaboli Test Results			-		
(FILL)												
				.								
				1						3		
				2						2		
			-5	2					-25	2		
				1				-		3		
				1			1		-	6		
				0						10		
		385	-						_			
Very loose to loose, brow	n to gray.	JUU.	- V									
SANDY LOAM	•		-	2					*******	2		
				1		29		-		5		
See Gradation Test Resu	ilfe		-1	1					-30	8	1	
dec diadapon recentos			-10					-	-30			
			-						-			
				0				-		- 1	- 1	
			-	1		37			-	- 1		
			-	4		٠,						
			-				-					
										- 1		
			-	3						9		
			\rightarrow	4		30			_	6		
				6		30				16		
			-15	0					-35	-10		
		378.	16								İ	
Soft, gray, SILTY LOAM												
				4		•	1		4			
				2	•	35	MEDIA:	356.6	36			
				2			Medium dense, gray, MEDIUM			1		
							GRAINED SAND					
										.		
				0						3		
				1	*	30				5		
				2					-1	15		

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
** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

St. Clair DRILLING METHOD Hollow Stem Auger and Mud Rotary HAMMER TYPE B U M L C O O S I W S S Qu T Surface Water Elev. STRUCT. NO. BORING NO. Groundwater Elev.:
First Encounter
Upon Completion
After ** PB-203A 18+55 10.00ft right 393.66 ft (ft) (/6") (tsf) (%) Ground Surface Elev. Medium dense, gray, MEDIUM GRAINED SAND (continued) Dense, gray, FINE GRAINED SAND (continued) 331.66 Medium dense to dense, gray, MEDIUM GRAINED SAND Medium dense, gray, FINE GRAINED SAND See Gradation Test Results 346.66 Dense, gray, MEDIUM GRAINED SAND Dense, gray, FINE GRAINED SAND -60 27

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
** Not measured due to drilling methods used

Illinois Department

of Transportation

FAI 64

81-2, 82R

SECTION

DESCRIPTION

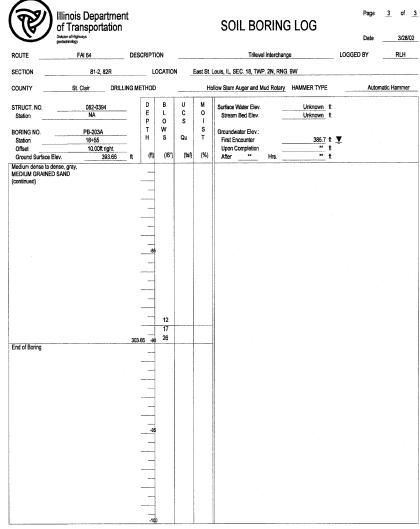
BBS, from 137 (Rev. 8-99)

Page <u>2</u> of <u>3</u>

Date 3/28/02

RLH

LOGGED BY



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
** Not measured due to drilling methods used

BBS, from 137 (Rev. 8-99)

Sheet PB-23 of 25

FILE NAME =	Ξ	USER NAME = bhatta	DESIGNED -	REVISED -			BORING LOGS	F.A. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.	
Ø82-Ø394 ₋ 76	6C47_S23_B0R-Ø4.dgn		DRAWN - MK	REVISED -	STATE OF ILLINOIS		STRUCTURE NO. 082-0394	64	82-1-1HBR	ST. CLAIR	93	64	
ļ		PLOT SCALE = 0:1 ':' / JN.	CHECKED - ATB	REVISED -	DEPARTMENT OF TRANSPORTATION		31NUCTORL 140. 002-0334			CONTRAC	T NO. 7	6C47	
		PLOT DATE = 5/1/2009 DATE	DATE - 05/01/09	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIS	FED. ROAD DIST. NO. ILLINOIS FED. AID			D PROJECT	