(SEAN)	Illinois of Tran	Depa	rtment
1181	of Tran	spor	ation
	Division of Highwa		

## **SOIL BORING LOG**

Page 3 of 3

	Trilevel Interchange	Date	4/15/10
SCRIPTION	LOGGED BY	RFW	

ROUTE	FAP 998 '	DES	CRIPTIO	N	·	Trilevel Interchange	LOG	GED B	Y _ R	FW
SECTION	82-1		_ LOCA	TION_	East 5	St. Louis, IL, SEC. 18, TWP. 2N, RNC	9.9W			
COUNTY	St. Clair Di	RILLING	метног	)	HSA v	vith MR below 35 ft HAMMER	TYPE	CME 75	0X / 7	73%
Station BORING NO Station	082-W306 NA RW-415 69+20 10ft Left		D B L P O T W H S	G a	M O I S T	Surface Water Elev. Unknown Stream Bed Elev. Unknown Groundwater Elev.: First Encounter ** Upon Completion **	ft	B L O W H S	U C S Qu	M O I S T
Ground Surfa	ace Elev. 417.9	ft (	(ft) (/6")	(tsf)	(%)	11.01	_ft (1	ft) (/6")	(tsf)	(%)
	ım dense, FINE RAINED SAND					Dense to medium dense, brown, MEDIUM TO COARSE GRAINED SAND, with gravel <i>(continued)</i>			-	,
Grain Size Distr	ribution Conducted		9 9					7 7 7		
-		·	-85 9			End of Boring	312.9 -1	05 '		
			90					10		TO COLUMN THE WAY OF THE PROPERTY OF THE PROPE
Dense to mediu MEDIUM TO CC SAND, with grav	m dense, brown, DARSE GRAINED rel	323.6	14 24 95 18					15		MENOGERATION OF THE PROPERTY O

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)

\* Place eltempted, not measured due to sample disturbance
BBS, from 137 (Rev. 8-99)

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

(A)	Illinois Department of Transportation
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## **SOIL BORING LOG**

Page <u>1</u> of <u>1</u>

Date 4/16/01

ROUTE FAP 998	DESCRIPTION				Trilevel Interchange	L(	OGGED BY BEC
SECTION 82-1 LOCATION East St. Louis, IL, SEC.7, TW						P. 2N, RNG. 9W	
COUNTY St. Clair D	JNTY St. Clair DRILLING METHOD Ho				llow Stem Auger	HAMMER TYPE	Automatic Hammer
STRUCT. NO. NA		D B L P O	C	M 0 1	Surface Water Elev Stream Bed Elev	Unknown ft Unknown ft	
BORING NO.   SB-65		T W H S	Qu	S T (%)	Groundwater Elev.: First Encounter Upon Completion After ** Hrs.	** ft	
Black, SILTY CLAY with cinders and brick/concrete fragments (FILL)		3			Ald	The second secon	
	<u></u>	6 6	-				
		3 3 5	1.0 P				
Stiff, olive brown to brown, SILTY CLAY, with Fe staining	413,3						
	۰	4 5	1.5 P	35			
		1 2	1.7	36			
Loose, brown, SANDY LOAM,	408.3	<u>-10</u> 3	S				
with Fe staining		2 2 4		21			
	404.8	2					
Stiff, grayish-green, SILT, with seams of slity clay		2 15 2	1.2 S	47			
Sliff, brown, SILTY CLAY, with Fe staining and sand seams	402.3	1 1 3	1.7 S	33			
		2					
•	398.8	2 -20 3	1.3 S	31			

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

FILE NAME =	USER NAME = SUSERS	DESIGNED - CMW	REVISED CMW 02-28-11			F.A.I.	SECTION	COUNTY TOTAL	SHEET
SFILELS		DRAWN - TJW	REVISED -	STATE OF ILLINOIS	RETAINING WALL 082-W302	KIE.		COUNTY SHEETS	NO.
	PLOT SCALE = #SCALE#	CHECKED - CMW	REVISED -	DEPARTMENT OF TRANSPORTATION	BORING LOGS	70	82-1-B-1 S	CONTRACT NO.	282
	PLOT DATE = #DATE#	DATE - 12-20-2010	REVISED		SCALE: N.T.S. SHEET NO. 11 OF- 13 SHEETS STA. 65+50.00 TO STA. 70+90.00	5	ILLINOIS FED. AID I		6015
						-1			