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(PP)	Illinois Depar of Transporto Division of Highways Geotechnology, Inc	tment				SOIL F	BORING	LOG		Page	3 0	of <u>4</u>
W	Division of Highways Geotechnology, Inc	111011			•		JORINO	LOQ		Date	8/1	3/09
ROUTE	FAP 998	_ DESCRIPT	ION .			Trileve	l Interchange		LOGGED	BY	B.	JS
SECTION	82-1	U	OCATIO	N	East St	. Louis, IL,	SEC. 7, TWP.	2N, RNG. 9W				
COUNTY	St. Clair DRIL	LING METHO	D			HSA and M	R	HAMMER TYPE		ME 85	/ 73	5%
STRUCT. NO. Station	NA B-425	D E P T H	B L O W	U C S	M 0 1 S T	Surface W Stream B Groundwate	er Elev.:	Unknown ft Unknown ft	D E P T	B L O W S	UCS	M 0 1 S
Station	74+14.22 10.00ft Right	- "				First Enc		** ff			Qu	
Ground Surfa	ace Elev. 415.08	ft (ft)	(/6")	(tsf)	(%)	After	Hrs.	** [(ft)	(/6")	(tsf)	(%)
Loose to dens GRAINED SAND (continued)	e, gray, MEDIUM I, trace silt					Dense, gro SAND (con	y, FINE GRAINI tinued)	ED				
		-										
Dense, gray,		330.08 -85			-				-105			
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		95				Very dense	e, gray, MEDIU AND	300 M	0.08 -115			
									_	E0 /E"	1	

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)

Illinois Department of Transportation Division of Highways Geolechnology, Inc Page <u>4</u> of <u>4</u> SOIL BORING LOG Date <u>8/13/09</u> FAP 998 DESCRIPTION LOGGED BY BJS 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W St. Clair DRILLING METHOD HAMMER TYPE CME 85 / 73% 082-0323 NA Surface Water Elev. <u>Unknown</u> ft Stream Bed Elev. <u>Unknown</u> ft Groundwater Elev.: First Encounter Upon Completion After ____ Hrs. (ft) (/6") (†sf) (%) CRYSTALLINE LIMESTONE -See attached rock core log

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)

End of Boring

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

BBS, from 137 (Rev. 8-99)

· ·						
 USER NAME = BhattA	DESIGNED	-	ATB	REVISED	-	_
	DRAWN	_	MK	REVISED	-	
PLOT SCALE = 0:2 ':" / in.	CHECKED	-		REVISED		
PLOT DATE = \$DATE\$	DATE	-	03/18/2011	REVISED		L

BORING LOGS - IV - S.N. 082-0323 I-70W OVER I-55, CSX & KCS RAILROADS SCALE: NONE SHEET NO. S-130 OF S-138 SHEETS STA. TO STA.