STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

(P)	Illinois Department of Transportation
	Division of Highways

SOIL BORING LOG

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Date <u>3/27/09</u>

ROUTE	FAP 998	DESCRIPTION	RIPTIONTrilevel Interchange		_ LOGGED BY	DTC		
SECTION _	82-1	LOCATIO	LOCATION <u>East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9</u>					
COUNTY _	St. Clair DRI	LLING METHOD		HSA, with MR DRILL RIG/ HAMMER EFFICIENCY	CME_ 75	/ 80%		
STRUCT. NO.	NA	D B E L P O T W	U M C O S I	Surface Water Elev. <u>Unknown</u> f Stream Bed Elev. <u>Unknown</u> f		U M C O S I S		
BORING NO. Station Offset Ground Sui	B-423 16+26.06 23ft RT face Elev. 419.7	H S (ft) (/6")	Qu T	Groundwater Elev.: First Encounter Not Measured f Upon Completion Not Measured f After Hrs. Not Measured f	† H S	Qu T (tsf) (%)		
	se, gray, GRAVELLY			Medium dense to very dense, gray, MEDIUM GRAINED SAND (continued)				
	se to very dense, M GRAINED SAND	334.7 -85						
		12 13 -90 15			16 20 -110 20			
		95		Crystalline LIMESTONE - See atlached Rock Core Log				
		24 34			130			

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)

AECOM

303 East Wacker Drive, Suite 600 Chicago, Illinois 60601 Ph: 312.938.0300 Fax: 312.373.6806 www.aecom.com

DESIGNED - PJL CHECKED DDB DRAWN - BRD CHECKED - DDB SOIL BORING: B-423 3 OF 4

(PD)	Illinois Department of Transportation
	or transportation
	Division of Highways Geotechnology, Inc

SOIL BORING LOG

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Date <u>3/27/09</u>

	Geotechnology, Inc				<u> </u>
ROUTE	FAP 998	DESCRIPTION		Trilevel Interchange	LOGGED BY DTC
SECTION	82-1	LOCATION	East St	t. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W	
COUNTY	St. Clair DRIL	LING METHOD		HSA, with MR DRILL RIG/ HAMMER EFFICIENCY	CME_75 / 80%
STRUCT. NO. Station	082-0326 NA	_ D B L L P O	U M C O S I	Surface Water Elev. <u>Unknown</u> fl Stream Bed Elev. <u>Unknown</u> fl	
BORING NO. Station Offset	B-423 16+26,06 23ft RT	_ T W S	Qu T	Groundwater Elev.: First Encounter Not Measured fl Upon Completion Not Measured fl	
	ace Elev. <u>419.7</u> ESTONE - See		(tsf) (%)	After Hrs. Not Measured f	
attached Rock (continued)					
		<u>-125</u>			
		293.7			
End of Boring					
		-140			

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)

SOIL BORING: B-423 4 OF 4

BORING LOGS - II STRUCTURE NO. 082-0326

SHEET NO. S3Ø	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	64	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	232
S36 SHEETS	F.A.l	J. 9166 / F.A.U. 9180	CONTRACT	NO. 76	C51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

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03/31/2011