

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY R.J.W/LAH
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W
COUNTY St. Clair DRILLING METHOD HSA with MR DRILL RIG/HAMMER EFFICIENCY CME 75 / 80%

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	DEPTH (ft)	SOIL TYPE	UCS (tsf)	MOISTURE (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After
082-0313	NA	B-401	192+23.01	48ft Left	421.0		Medium dense to dense, gray, MEDIUM GRAINED SAND (continued)			Unknown	Unknown	Unknown	Not Measured	Not Measured	Not Measured
						9									
						11									
						14									
						22									
						368.0									
						20	Medium dense to very dense, gray, FINE GRAINED SAND, trace silt								
						30									
						36									
						66									
						10									
						12									
						60									

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)

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082-0313	NA	B-401	192+23.01	48ft Left	421.0		Medium dense, gray, MEDIUM GRAINED SAND (continued)			Unknown	Unknown	Unknown	Not Measured	Not Measured	Not Measured
						338.0									
						10									
						11									
						88									
						318.0									
						12	Medium dense, gray, SAND AND GRAVEL								
						13									
						16									
						326.0									
						8	Very dense, gray, SAND AND GRAVEL, with cobbles and boulders								
						11									
						16									
						308.5									
						115	GRAVEL, BOULDERS (GLACIAL OUTWASH)								
						115									
						7									
						50/0"									
						103									

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082-0313	NA	B-401	192+23.01	48ft Left	421.0		GRAVEL BOULDERS (GLACIAL OUTWASH) (continued)			Unknown	Unknown	Unknown	Not Measured	Not Measured	Not Measured
						308.0									
						125	CRYSTALLINE LIMESTONE - See attached rock core log.								
						290.0									
						135									
						135									
						140									

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BORING LOGS 4
INTERSTATE 70 OVER 1ST STREET
FAI-70
SECTION 82-1-2HB
ST. CLAIR COUNTY
STA. 192+97.45
STRUCTURE NO. 082-0312 (EB)
STRUCTURE NO. 082-0313 (WB)



FILE NAME = ... \D8TRI-0820312-9820313-76C50-028-BoringLogs4.dgn	USER NAME = SAW	DESIGNED - LAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BORING LOGS 4	F.A.P. RTE. 998	SECTION 82-1-2HB	COUNTY ST. CLAIR	TOTAL SHEETS 72	SHEET NO. 58
PLOT SCALE = 1:2000 "/>										