



SOIL BORING LOG

Date 11/28/01

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY JSS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA and Mud Rotary HAMMER TYPE Automatic Hammer

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTHS				SURFACE WATER ELEV.	STREAM BED ELEV.	GROUNDWATER ELEV.	FIRST ENCOUNTER	UPON COMPLETION	AFTER	DEPTHS			
						(ft)	(/6")	(tsf)	(%)							(ft)	(/6")	(tsf)	(%)
082-W306		B-211	67+60.43	8 ft Right	416.8					Unknown	Unknown								
Medium dense to dense, gray MEDIUM-GRAINED SAND (continued)																			
Very dense, gray MEDIUM-GRAINED SAND, with gravel																			
GRAVEL, COBBLES AND BOULDERS, drill penetration very slow																			
Borehole continued with rock coring																			

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



SOIL BORING LOG

Date 8/13/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA and MR HAMMER TYPE CME 85 / 73%

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTHS				SURFACE WATER ELEV.	STREAM BED ELEV.	GROUNDWATER ELEV.	FIRST ENCOUNTER	UPON COMPLETION	AFTER	DEPTHS			
						(ft)	(/6")	(tsf)	(%)							(ft)	(/6")	(tsf)	(%)
082-W306	NA	B-425	74+14.22	10R Right	415.1					Unknown	Unknown								
Black SAND (FILL), trace cinders																			
Brown SAND (FILL)																			
Stiff to very stiff, gray, CLAY																			
Stiff, tan, SILT																			
Medium stiff, gray, SILTY CLAY, trace sand																			

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



SOIL BORING LOG

Date 8/13/09

ROUTE FAP 998 DESCRIPTION Trilevel Interchange LOGGED BY BJS

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W

COUNTY St. Clair DRILLING METHOD HSA and MR HAMMER TYPE CME 85 / 73%

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DEPTHS				SURFACE WATER ELEV.	STREAM BED ELEV.	GROUNDWATER ELEV.	FIRST ENCOUNTER	UPON COMPLETION	AFTER	DEPTHS			
						(ft)	(/6")	(tsf)	(%)							(ft)	(/6")	(tsf)	(%)
082-W306	NA	B-425	74+14.22	10R Right	415.1					Unknown	Unknown								
Loose to medium dense, gray, SANDY LOAM (continued)																			
Medium dense, brown and gray, FINE GRAINED SAND, with silt (continued)																			
Loose to dense, gray, MEDIUM GRAINED SAND, trace silt																			
See attached grain size distribution																			

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

082-W306-76C75-Boring Logs Sheets 6-18.dgn



USER NAME = Scott Whitney	DESIGNED - PMM	REVISED -
PLOT SCALE = 20.0000' / IN.	DRAWN - MJK	REVISED -
PLOT DATE = 3/9/2011	CHECKED - DAZ	REVISED -
	DATE - 3-18-2011	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RETAINING WALL 082-W306
 BORING LOGS

SCALE: N.T.S. SHEET NO. 8 OF 18 SHEETS STA. 60+50.00 TO STA. 74+11.55

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-1HB	ST. CLAIR	319	261
CONTRACT NO. 76C75				
ILLINOIS FED. AID PROJECT				