

SHELBY TUBE TEST: B-11 ST (1 of 2)

SHELBY TUBE TEST: B-11 ST (2 of 2)



SHELBY TUBE TEST RESULTS

Page 1 of 2

Date 2/21/01

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY PG

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

COUNTY St. Clair STRUCT. NO. 082-0322

Station 75+50.48 Ground Surface Elev. 416.9 ft Tube Length 24 in

Offset 24ft Left Begin Sampling Depth -1 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	TRIAxIAL DATA							
	DEPTH (ft)	(no)	(%)	(pcf)	(tsf)	(%)	(tsf)	(deg)
Brown, SANDY LOAM (FILL)	1-1	100						
Brown, SANDY LOAM (FILL)	1-2	100						
Brown, CLAY (FILL) (disturbed)	2-1	58						
Brown, CLAY (FILL)	2-2	100	118	1.6	30			Qu
Brown, SILTY CLAY (FILL) (disturbed)	3-1	50						
Brown, SILTY CLAY (FILL)	3-2	100	113	1.1	26			Qu
Brown CLAY (FILL) (disturbed)	3-3	100			37			
Reddish brown, SILTY CLAY (FILL)	4-1	100	112	1.0	36			Qu
Reddish brown, SILTY CLAY (FILL) (disturbed)	4-2	100						
Greenish brown, SILTY to SANDY LOAM	4-3	67						
Brown CLAY LOAM (disturbed)	5-1	50						
Brown CLAY LOAM (disturbed)	5-2	100						
Brown CLAY LOAM	5-3	100	114	0.6	34			Qu
Greenish brown, SILTY LOAM (disturbed)	6-1	83						
Greenish brown, SILTY LOAM (disturbed)	6-2	100						
Brown, silty CLAY, trace clay	6-3	100	116		36			Con
Brown, SILTY CLAY	6-4	100	114		33	0.0	32.6	CU
Brown, FINE GRAINED SAND	7-1	100						
	7-2	100						

The "Unit Weight" column indicates the "wet" or "moist" unit weight of the sample  
 The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)  
 The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used



SHELBY TUBE TEST RESULTS

Page 2 of 2

Date 2/21/01

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY PG

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

COUNTY St. Clair STRUCT. NO. 082-0322

Station 75+50.48 Ground Surface Elev. 416.9 ft Tube Length 24 in

Offset 24ft Left Begin Sampling Depth -1 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	TRIAxIAL DATA							
	DEPTH (ft)	(no)	(%)	(pcf)	(tsf)	(%)	(tsf)	(deg)
	7-3	100						
	7-4	100						
Brown and gray CLAY LOAM (disturbed)	8-1	83						
Brown and gray CLAY LOAM	8-2	100	113	0.7	25			Qu
Brown, SILT LOAM (disturbed)	8-3	100						

The "Unit Weight" column indicates the "wet" or "moist" unit weight of the sample  
 The "Strength" column represents the "unconfined compressive" strength of the sample (AASHTO T 208)  
 The "Test Type" indicates if Unconsolidated Undrained (UU) or Consolidated Undrained (CU) test procedures (AASHTO T 296 or T 297) were used

K:\projects\62046605\sm02-0322 & 0324\1\gover\982\cst\301\drawings\76c76\_5189\_BoringLog81.dgn



USER NAME =	DESIGNED - PJL	REVISED -
PLOT SCALE = 0.2" = 1' / IN.	DRAWN - BRD	REVISED -
PLOT DATE = 6/27/2011	CHECKED - DDB	REVISED -
	DATE - 07-01-11	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**BORING LOGS IX**  
**I-70E OVER I-55, CSX & KCS RAILROADS**  
 SCALE: SHEET 5-198 OF 5-234 SHEETS STA. TO STA.

F.A.I. RTE. 70	SECTION 82-1-B-2	COUNTY ST. CLAIR	TOTAL SHEETS 399	SHEET NO. 325
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		