

SHELBY TUBE TEST: B-3A ST (2 of 2)

SHELBY TUBE TEST: B-3B ST (1 of 1)



SHELBY TUBE TEST RESULTS

Page 2 of 2

Date 11/2/00

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY KB

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W

COUNTY St. Clair STRUCT. NO. 082-0322 / 082-0324

Station 52+98.8 Ground Surface Elev. 417.6 ft Tube Length 24 in

Offset 17ft Left Begin Sampling Depth 0 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	DEPTH (ft)	SPECIMEN (no)	RECOVER (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)	MOISTURE (%)	COHESION (tsf)	PHI (deg)	TEST TYPE
Brown and Gray, FINE GRAINED SAND	7-3	100							
Brown and gray SANDY LOAM	7-4	100							
Brown and gray SANDY LOAM	8-1	0							

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 1 of 1

Date 6/26/01

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY TR

SECTION 82-1 LOCATION East St. Louis, IL, SEC. 12, TWP. 2N, RNG. 10W

COUNTY St. Clair STRUCT. NO. 082-0322 / 082-0324

Station 52+98.8 Ground Surface Elev. 417.6 ft Tube Length 24 in

Offset 17ft Left Begin Sampling Depth 0 ft Tube Diameter 3 in

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	DEPTH (ft)	SPECIMEN (no)	RECOVER (%)	UNIT WEIGHT (pcf)	STRENGTH (tsf)	MOISTURE (%)	COHESION (tsf)	PHI (deg)	TEST TYPE
Topsoil (FILL)									
Dark brown, SILTY CLAY to CLAY with trace cinders (FILL) (disturbed)									
Dark brown, SILTY CLAY (FILL) (disturbed)	1-1	67							Qu
Dark brown, SILTY CLAY (FILL) (disturbed)	1-2	100	114	10	21				
Dark brown, SILTY CLAY (FILL) (disturbed)	1-3	100							
Dark brown, SILTY CLAY (FILL) (disturbed)	1-4	100							
Brown CLAY, trace cinders (disturbed)	2-1	100							
Brown CLAY, trace cinders	2-2	100	117	26	0.0	27			CU
Brown CLAY, trace cinders	2-3	87	117	26					CU
Brown SILT, trace sand	3-1	100	112	29	0.0	22.5			CU
Brown SILT, trace sand	3-2	100	109	28					CU
Brown SILT, trace sand (disturbed)	3-3	17							
Brown, SANDY LOAM	4-1	100							
Brown, FINE GRAINED SAND	4-2	100							
	4-3	100							
	4-4	87							
	5-1	100							
	5-2	100							
	5-3	100							
	5-4	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

I:\projects\08046508\082-0322 & 0324 Figs\01.dwg 8/26/01 10:30 AM



USER NAME =	DESIGNED - PJL	REVISED -
PLOT SCALE = 0.2" = 1' / IN.	DRAWN - BRD	REVISED -
PLOT DATE = 6/27/2001	CHECKED - DDB	REVISED -
	DATE - 07-01-11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS IV
I-70E OVER I-55, CSX & KCS RAILROADS**

SCALE: SHEET S-193 OF S-234 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	82-1-B-2	ST. CLAIR	399	320
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		