

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

**SHELBY TUBE TEST: B-3A ST (1 of 2)**



**SHELBY TUBE TEST RESULTS**

Page 1 of 1

Date 10/11/00

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY KJB

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 Station NA

BORING NO. B-3 ST

Station 52+98.8 Ground Surface Elev. 417.8 ft Tube Length 24 in

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

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	TRIAxIAL DATA							TEST TYPE
	(ft)	(no)	(%)	(pcf)	(tsf)	(%)	(tsf)	
Brown, SILTY CLAY with brick/concrete fragments (FILL)	1-1	100			20	0.1	21	CU
Brown, SILTY CLAY with brick/concrete fragments (FILL) (disturbed)	1-2	100						
Brown, SILTY CLAY with brick/concrete fragments (FILL) (disturbed)	1-3	100						
Brown, SILTY CLAY with brick/concrete fragments (FILL) (disturbed)	1-4	83						
Brown and gray, SILTY CLAY (disturbed)	2-1	17						
Brown and gray, SILTY CLAY (disturbed)	2-2	100						
Brown and gray, SILTY CLAY (disturbed)	2-3	100						
Brown and gray, SILTY CLAY	2-4	100	117	0.8	27			Qu
Brown, SILTY CLAY	3-1	100	118	1.8	27			Qu
Brown, SILTY CLAY (disturbed)	3-2	100						
Brown, SILTY CLAY	4-1	100	119		28	0.0	26	CU
Brown, SILTY CLAY (disturbed)	4-2	100	114		29			Con
Brown, SILTY CLAY (disturbed)	4-3	100						
Brown, SILTY CLAY (disturbed)	4-4	33						
Brown, SILTY CLAY, trace sand	5-1	100	101		25			
Brown, SILTY CLAY, trace sand (disturbed)	5-2	25						
Brown, SANDY LOAM - No recovery	6-1	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 2

Date 11/2/00

ROUTE FAP 998 DESCRIPTION Trilevel Interchange DRILLED BY KJB

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 Station NA

BORING NO. B-3A ST

Station 52+98.8 Ground Surface Elev. 417.8 ft Tube Length 24 in

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

SOIL TYPE, DESCRIPTION AND OBSERVATIONS	TRIAxIAL DATA							TEST TYPE
	(ft)	(no)	(%)	(pcf)	(tsf)	(%)	(tsf)	
Topsoil	1-1	100						
Topsoil	1-2	100						
Black, SILTY CLAY (FILL)	1-3	100	123	0.9	21			Qu
Black, SILTY CLAY, trace glass (FILL) (disturbed)	1-4	83						
Black, SILTY CLAY, trace roots (FILL)	2-1	100	119	2.0	20			Qu
Black, SILTY CLAY, trace roots (FILL) (disturbed)	2-2	100						
Black, SILTY CLAY, trace roots (FILL) (disturbed)	2-3	17						
Brown CLAY, trace roots (FILL)	3-1	83	122		23			Con
Green and gray CLAY (FILL) (disturbed)	3-2	100						
Green and gray CLAY (FILL) (disturbed)	3-3	100						
Brown, SILTY CLAY (disturbed)	4-1	17						
Brown, SILTY CLAY (disturbed)	4-2	100						
Brown, SILTY CLAY	4-3	100	113	0.9	24			Qu
Brown, SILTY CLAY	4-4	100	111	0.6	28			Qu
Brown, SILTY CLAY	5-1	33						
Greenish brown SILT, trace fine grained sand	6-1	100	112	0.4	32			Qu
Greenish brown SILT, trace fine grained sand	6-2	100	116	0.6	35			Qu
Greenish brown SILT, trace fine grained sand	6-3	100	115	0.6	35			Qu
Greenish brown SILT, trace fine grained sand (disturbed)	6-4	100						
Brown SILT, trace fine grained sand (disturbed)	7-1	33						
Brown SILT, trace fine grained sand	7-2	100	117	0.5	29			Qu

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

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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 III  
I-70E OVER I-55, CSX & KCS RAILROADS

SCALE: SHEET S-192 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	319
S.N. 082-0322 & S.N. 082-0324		CONTRACT NO. 76C76		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		