

SHELBY TUBE TEST: B-16 ST (1 of 2)

SHELBY TUBE TEST: B-16 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 NA

BORING NO. B-16 ST

Station 416+91 Ground Surface Elev. 416.1 ft Tube Length 24 in

Offset 28ft Right Begin Sampling Depth -1 ft Tube Diameter 3 in

| DEPTH (ft) | SOIL TYPE, DESCRIPTION AND OBSERVATIONS | | | | | | | TRIAXIAL DATA | | | | | | | |
|------------|-----------------------------------------|-----|-------|-------|-----|-------|-------|---------------|-----|-------|-------|------|-----|-------|-------|
| | (no) | (%) | (pcf) | (tsf) | (%) | (tsf) | (deg) | (no) | (%) | (tsf) | (deg) | (no) | (%) | (tsf) | (deg) |
| 1-1 | 0 | | | | | | | | | | | | | | |
| 2-1 | 0 | | | | | | | | | | | | | | |
| 3-1 | 0 | | | | | | | | | | | | | | |
| 4-1 | 79 | | | | | | | | | | | | | | |
| 5-1 | 0 | | | | | | | | | | | | | | |
| 6-1 | 100 | | | | | | | | | | | | | | |
| 6-2 | 100 | | | | | | | | | | | | | | |
| 7-1 | 0 | | | | | | | | | | | | | | |

SOIL TYPE, DESCRIPTION AND OBSERVATIONS

Cinders and brick/concrete fragments (FILL)

Gray, SILTY CLAY

Gray, SILTY CLAY

Brown, CLAY LOAM to SANDY LOAM (disturbed)

Brown, CLAY LOAM to SANDY LOAM (disturbed)

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

BMPR FORM 1004A (Rev. 8-99)



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Page 2 of 2

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|------------|-----------------------------------------|-----|-------|-------|-----|-------|-------|---------------|-----|-------|-------|------|-----|-------|-------|
| | (no) | (%) | (pcf) | (tsf) | (%) | (tsf) | (deg) | (no) | (%) | (tsf) | (deg) | (no) | (%) | (tsf) | (deg) |
| 8-1 | 100 | | | | | | | | | | | | | | |
| 9-1 | 98 | | | | | | | | | | | | | | |
| 9-2 | 127 | | | | | | | | | | | | | | |
| 9-3 | 22 | | | | | | | | | | | | | | |
| 9-4 | 109 | | | | | | | | | | | | | | |
| 10-1 | 100 | | | | | | | | | | | | | | |
| 11-1 | 100 | | | | | | | | | | | | | | |
| 12-1 | 83 | | | | | | | | | | | | | | |
| 12-2 | 150 | | | | | | | | | | | | | | |
| 12-3 | 100 | | | | | | | | | | | | | | |

SOIL TYPE, DESCRIPTION AND OBSERVATIONS

Brown, CLAY LOAM to SANDY LOAM (disturbed)

Brown, SILTY CLAY (disturbed)

Brown, SILTY CLAY

Brown, SILTY CLAY (disturbed)

Brown, SILTY CLAY (disturbed)

Brown, SILTY CLAY (disturbed)

Brown, SILT LOAM (disturbed)

Brown, SILT LOAM (disturbed)

Brown, SILT LOAM (disturbed)

Brown, SILT LOAM (disturbed)

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BMPR FORM 1004A (Rev. 8-99)

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| | | |
|------------------------------|-------------------|-----------|
| USER NAME = | DESIGNED - P.J.L. | REVISED - |
| PLOT SCALE = 0.2" = 1' / IN. | DRAWN - BRD | REVISED - |
| PLOT DATE = 5/27/2011 | CHECKED - DDB | REVISED - |
| | DATE - 07-01-11 | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET S-204 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 | 331 |
| S.N. 082-0322 & S.N. 082-0324 | | CONTRACT NO. 76C76 | | |
| FED. ROAD DIST. NO. | | ILLINOIS FED. AID PROJECT | | |