

| | | | | |
|---------------------|-----------|-----------|------------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 57/64 | (41-3)HBK | JEFFERSON | 518 | 263 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log

Sheet 1 of 1

Sign Truss Soil Borings Over FAI 57

Route: FAI 57/64 Structure Number: _____ Date: 11/20/2006

Section (41-3)HBK Bored By: Eryan Keller

County: Jefferson Location: _____ Checked By: Rob Graeff

| Boring No 1-S Station 702+50 Offset 3' Lt. Ground Surface 98.0 Ft | D E P T H | B L O W | Qu tsf | W% | Surf Wat Elev: | D E P T H | B L O W | Qu tsf | W% |
|--|-----------------------|------------------|-----------|------|--|-----------------------|------------------|-----------|----|
| | | | | | Ground Water Elevation when Drilling At Completion At: Hrs: | | | | |
| Very stiff, moist, brown, Silty Clay A7-6 | | | | | values multiply by 1.25. | | | | |
| | | 6 | | | | | | | |
| | | 13 | 2.4S | 18 | | | | | |
| | | 22 | | | | | | | |
| 94.0 | | | | | | | | | |
| Stiff, moist, brown, Silty Clay A-6 | 5.0 | 2 | 6 | 1.9S | 17 | 30.0 | | | |
| | | 7 | | | | | | | |
| 91.5 | | | | | | | | | |
| Hard, damp, brown, Silty Clay A7-6 | | 7 | 20 | 7.1S | 13 | | | | |
| | | 24 | | | | | | | |
| 89.0 | | | | | | | | | |
| Very stiff, moist to damp, brown mottled grey, Silty Clay A7-6 | 10.0 | 4 | 8 | 3.0S | 17 | 35.0 | | | |
| | | 15 | | | | | | | |
| 86.5 | | | | | | | | | |
| Hard, dry, brown, Sandstone | | 100/7" | | | | | | | |
| | | 100/4" | | | | | | | |
| 15.0 | | | | | 40.0 | | | | |
| | | | | | | | | | |
| Hard, dry, grey, Clay Shale | 78.0 | 100/10" | | | 45.0 | | | | |
| 20.0 | | | | | | | | | |
| Bottom of hole = 20.0 ft | | | | | | | | | |
| No free water observed. | | | | | | | | | |
| Elevation referenced to CL Sta 702+50 NB. Assume Ele = 100.0 ft | | | | | | | | | |
| To convert "N" values to "N60" | 25.0 | | | | 50.0 | | | | |

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log

Sheet 1 of 1

Sign Truss Soil Borings Over FAI 57

Route: FAI 57/64 Structure Number: _____ Date: 11/20/2006

Section (41-3)HBK Bored By: Bryan Keller

County: Jefferson Location: _____ Checked By: Rob Graeff

| Boring No 2-S Station 704+40 Offset 4' Rt. Ground Surface 99.0 Ft | D E P T H | B L O W | Qu tsf | W% | Surf Wat Elev: | D E P T H | B L O W | Qu tsf | W% |
|--|-----------------------|------------------|-----------|------|--|-----------------------|------------------|-----------|----|
| | | | | | Ground Water Elevation when Drilling At Completion At: Hrs: | | | | |
| Very stiff, moist, brown, Silty Clay A7-6 | | | | | | | | | |
| | | 2 | | | | | | | |
| | | 5 | 3.9S | 18 | | | | | |
| | | 6 | | | | | | | |
| 94.5 | | | | | | | | | |
| Very stiff, very moist, brown mottled grey, Silty Clay to Clay A7-6 | 5.0 | 2 | 3 | 2.5B | 20 | 30.0 | | | |
| | | 5 | | | | | | | |
| 92.0 | | | | | | | | | |
| Stiff, very moist, brown mottled grey, Silty Clay to Clay A7-6 | | 1 | 4 | 1.8B | 24 | | | | |
| | | 5 | | | | | | | |
| 89.5 | | | | | | | | | |
| Very stiff, moist, brown, Silty Clay A-6 with Gravel | 10.0 | 3 | 6 | 3.7S | 18 | 35.0 | | | |
| | | 9 | | | | | | | |
| 87.0 | | | | | | | | | |
| Hard, dry, brown, Sandstone | | 100/5" | | | | | | | |
| | | 100/4" | | | | | | | |
| 15.0 | | | | | 40.0 | | | | |
| | | | | | | | | | |
| Hard, dry, brown, Sandy Clay Shale | 81.5 | 100/6" | | | | | | | |
| 20.0 | | | | | | | | | |
| Bottom of hole = 17.5 ft | | | | | | | | | |
| No free water observed. | | | | | | | | | |
| Elevation referenced to CL Sta 702+50 NB. Assume Ele = 100.0 ft | | | | | | | | | |
| To convert "N" values to "N60" | 25.0 | | | | 50.0 | | | | |

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

PLOT DATE = 8/31/2007 10:16 AM
FILE NAME = I:\proj\98963\98963.dgn
USER NAME = jg