

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | | |
|-----------------------|---------|----------|-------------------|-------|--------------|
| ROUTE NO. | SECTION | COUNTY | JOB SHEETS | SHEET | SHEET NO. 16 |
| FAI-55 | ** | WILL | 505 | 389 | 16 SHEETS |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- | | |

** SECTION 2006-032 BY
CONTRACT NO. 60B86

EXISTING BORING-B-4

| MIRZA ENGINEERING, INC. BORING LOG | | CHICAGO, ILLINOIS | | | | |
|---|--|-------------------|---|--------|-------|-----------------|
| JOB NO. 9179 | CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING NO. 4 | DATE Dec. 21, 1993 | | | |
| PROJECT FAI-55 over Mink Creek | LOCATION Will County, Illinois | STATION 3473+8B | OFFSET 16' RT | | | |
| BORING NO & METHOD Mobile B-57 w/Hollow Stem Augers | GROUND WATER OBSERVATIONS | CORE SIZE IN | DRILLER Roesel | | | |
| 13 FT ELEV. 592.5 DURING DRILLING | CASING LENGTH FT | INSPECTOR Moutrey | SURE ELEV. 603.5 | | | |
| 12.8 FT ELEV. 592.7 AFTER 4 HRS | CASING DIAMETER IN | | | | | |
| DEPTH | SAMPLE FROM-TO | ELEV | SOIL DESCRIPTION AND REMARKS | N | S | WATER CONTENT % |
| | 0.0-1.0 | 604.7 | 10" BITUMINOUS CONCRETE | Auger | | |
| | 1.5-2.5 | | | 3-5 | 2.4 | 19 |
| | 4.0-5.0 | | FILL: Dark Gr to Br Clay Loam A-7-6; trace Organic matter noted | 2 | 2.0 | |
| | 6.5-7.5 | | | 3-3 | 1.4 | 24 |
| | 9.0-10.0 | | | 3 | 2.0 | |
| | 11.5-12.5 | 592.9 | | 5-5 | 1.7 | 26 |
| | 14.0-15.0 | | | 2 | 2.0 | |
| | 16.5-17.5 | | Medium Dense to Dense Sand A-1-a | 2-3 | 1.1 | 18 |
| | 19.0-20.0 | | | 3 | 2.0 | |
| | 21.5-22.5 | 583.7 | | 3-4 | 2.1 | 21 |
| | 24.0-25.0 | | Very Stiff to Hard Gr Sandy Loam A-4 | 7-7 | 2.0 | 16 |
| | 26.5-27.5 | 579.3 | | 6 | 1.4 | 9 |
| | 28.5-29.5 | 577.0 | Extremely Dense Gr Sand A-1-a (LIME-STONE) (Probable weathered bedrock) Very difficult drilling below 26.5' | 9-10 | (3.5) | 11 |
| | | | | 6 | | |
| | | | | 24-14 | (4.0) | 10 |
| | | | | 11 | | |
| | | | | 16-31 | | 11 |
| | | | | 100/0" | | |

EXISTING BORING-B-5

| MIRZA ENGINEERING, INC. BORING LOG | | CHICAGO, ILLINOIS | | | | |
|---|--|-------------------|--|--------|-------|-----------------|
| JOB NO. 9179 | CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING NO. 5 | DATE Dec. 21, 1993 | | | |
| PROJECT FAI-55 over Mink Creek | LOCATION Will County, Illinois | STATION 3474+04 | OFFSET 50' RT | | | |
| BORING NO & METHOD Mobile B-57 w/Hollow Stem Augers | GROUND WATER OBSERVATIONS | CORE SIZE IN | DRILLER Roesel | | | |
| 13 FT ELEV. 592.3 DURING DRILLING | CASING LENGTH FT | INSPECTOR Moutrey | SURE ELEV. 606.1 | | | |
| 13.3 FT ELEV. 592.8 AFTER 4 HRS | CASING DIAMETER IN | | | | | |
| DEPTH | SAMPLE FROM-TO | ELEV | SOIL DESCRIPTION AND REMARKS | N | S | WATER CONTENT % |
| | 0.0-1.0 | 605.3 | 9" BITUMINOUS CONCRETE | Auger | | |
| | 1.5-2.5 | | | 4-5 | (2.0) | 19 |
| | 4.0-5.0 | | FILL: Dark Gr to Br Clay Loam A-7-6; Organic matter noted | 4-4 | 2.1 | 22 |
| | 6.5-7.5 | 597.3 | | 1 | 2.0 | |
| | 9.0-10.0 | 596.0 | Black Organic Clay A-7-5 | 3-5 | 0.9 | 24 |
| | 11.5-12.5 | 593.1 | Stiff Gr & Br Clay A-6 | 3-4 | (1.0) | 24 |
| | 14.0-15.0 | | | 2 | 1.9 | 17 |
| | 16.5-17.5 | | Loose to Medium Dense Br to Gr Sand A-1-b | 4 | 2.0 | |
| | 19.0-20.0 | | | 3-4 | 2.0 | 20 |
| | 21.5-22.5 | 583.1 | | 5 | | |
| | 24.0-25.0 | | Loose to Medium Dense Br to Gr Sand A-1-b; Clay lenses noted | 6-9 | | 26 |
| | 26.5-27.5 | 577.7 | | 8 | | |
| | 28.5-29.5 | 576.5 | (Apparent) Dolomitic LIMESTONE bedrock | 9-11 | | 19 |
| | | | | 4 | | |
| | | | | 14-12 | | 26 |
| | | | | 4 | | |
| | | | | 3-3 | | 19 |
| | | | | 8 | | |
| | | | | 6-13 | | 10 |
| | | | | 100/3" | | |
| | | | | 100/0" | | |
| | | | Augered thru apparent LIMESTONE bedrock from 28.8' to refusal to drilling equipment at 29.6' | | | |

EXISTING BORING-B-6

| MIRZA ENGINEERING, INC. BORING LOG | | CHICAGO, ILLINOIS | | | | |
|---|--|-------------------|--|--------|-----|-----------------|
| JOB NO. 9179 | CLIENT ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING NO. 6 | DATE Dec. 21, 1993 | | | |
| PROJECT FAI-55 over Mink Creek | LOCATION Will County, Illinois | STATION 3474+90 | OFFSET 50' RT | | | |
| BORING NO & METHOD Mobile B-57 w/Hollow Stem Augers | GROUND WATER OBSERVATIONS | CORE SIZE IN | DRILLER Roesel | | | |
| 13.7 FT ELEV. 592.3 DURING DRILLING | CASING LENGTH FT | INSPECTOR Moutrey | SURE ELEV. 606.0 | | | |
| 12.6 FT ELEV. 593.4 AFTER 4 HRS | CASING DIAMETER IN | | | | | |
| DEPTH | SAMPLE FROM-TO | ELEV | SOIL DESCRIPTION AND REMARKS | N | S | WATER CONTENT % |
| | 0.0-1.0 | 605.1 | 11" BITUMINOUS CONCRETE | Auger | | |
| | 1.5-2.5 | | | 3 | | |
| | 4.0-5.0 | 602.2 | FILL: Br Sand A-1-b | 4-4 | | 3 |
| | 6.5-7.5 | 598.0 | FILL: Dark Gr & Br Clay A-6; trace Organic matter noted | 4-5 | 2.1 | 25 |
| | 9.0-10.0 | | | 4-4 | 1.8 | 20 |
| | 11.5-12.5 | 592.3 | Stiff to Medium Stiff Gr & Br to Gr Clay A-7-6 | 2 | 2.0 | |
| | 14.0-15.0 | 589.5 | Medium Dense Gr Sand A-1-a | 2-4 | 1.6 | 38 |
| | 16.5-17.5 | | | 1 | 2.0 | |
| | 19.0-20.0 | 586.9 | Medium Dense Gr Sand A-1-b | 2-3 | 0.7 | 24 |
| | 21.5-22.5 | | | 8 | 2.0 | |
| | 24.0-25.0 | | Stiff Gr Clay Loam A-6 | 5-9 | | 17 |
| | 26.0-26.5 | 579.5 | | 5 | 2.0 | |
| | 27.4 | 578.6 | (Apparent) Dolomitic LIMESTONE bedrock | 100/0" | 1.3 | 18 |
| | | | | 100/0" | 2.0 | |
| | | | Augered thru apparent LIMESTONE bedrock from 26.5' to refusal to drilling equipment @ 27.4' (Very hard drilling) | | | |



BORING LOGS III
I-55 OVER MINK CREEK
FAI ROUTE 55-SEC. 2006-032 BY
WILL COUNTY
STA. 630+07.11
STRUCTURE NO. 099-4615 (NB)
STRUCTURE NO. 099-4616 (SB)

| | |
|----------|------------|
| DESIGNED | S.CHELBIAN |
| CHECKED | J.GRAINAWI |
| DRAWN | D.C.PATEL |
| CHECKED | J.GRAINAWI |

Date: 6/30/2006