STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| F.A.I. 80 | 37-1HBR -1 | HENRY | 133 | 81 |
| FED. ROAD DIST. NO. 7 | | ILLINOIS | FED. AID PROJECT- | |

SHEET NO. 18
18 SHEETS

Contract #64602

**Illinois Department of Transportation**
Division of Highways
District 2 Materials

## SOIL BORING LOG

Page 1 of 2

Date 7/20/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-5
Station 51+36
Offset 10.50ft Lt
Ground Surface Elev. 627.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

| Description | DEPTH (ft) | BLOWS (6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|
| Bituminous & Gravel | | | | |
| Very Soft black Silty Clay Loam | | | 0.1 P | 21 |
| Soft olive green Clay Loam w/ Sand lenses | | 4 7 7 | 0.4 S | 21 |
| Soft light brown, gray rusty brown Clay Loam w/Sand lenses | -5 | 4 4 4 | 0.5 P | 21 |
| 620.79 | | | | |
| Medium fine Sand | | 6 6 10 | | |
| Medium fine Sand | -10 | 4 7 7 | | |
| 615.79 | | | | |
| Stiff rusty brown, gray Clay Loam w/Sand lenses | | 9 8 8 | 1.3 S | 2 |
| Stiff same as above | -15 | 4 4 4 | 1.5 P | 19 |
| Medium olive green, dark gray Clay Loam w/Sand lenses | | 4 5 6 | 0.6 P | 2 |
| 608.29 | -20 | | | |
| Medium fine Sand | | 9 8 7 | | |
| Medium fine Sand | | 4 6 7 | | |
| 603.29 | -25 | | | |
| Medium light brown Clay Loam w/ Sand lenses | | 1 2 3 | 0.9 B | 41 |
| Soft olive green, light brown, rusty brown Clay Loam w/Sand lenses | | 1 1 3 | 0.4 B | 50 |
| 598.29 | -30 | | | |
| Medium fine Sand | | 5 7 7 | | |
| same as above | | 3 4 6 | | |
| same as above | -35 | 4 5 6 | | |
| Stiff Clay Loam | | 2 3 5 | 1.3 B | 53 |
| | -40 | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

**Illinois Department of Transportation**
Division of Highways
District 2 Materials

## SOIL BORING LOG

Page 2 of 2

Date 7/20/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-1HBR-1 LOCATION SEC. 13 & 14, TWP. 17N, RNG. 1E, 4 PM

COUNTY Henry DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 037-0093
Station 51+74.40

BORING NO. B-5
Station 51+36
Offset 10.50ft Lt
Ground Surface Elev. 627.79 ft

Surface Water Elev. None ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion Wash ft
After ___ Hrs. _____ ft

| Description | DEPTH (ft) | BLOWS (6") | UCS Qu (tsf) | MOIST (%) |
|---|---|---|---|---|
| Medium same as above | | 1 4 7 | 0.6 B | 48 |
| 585.79 | | | | |
| First Encounter<br>Medium fine Sand w/Clay lenses | | 4 7 4 | | |
| Dense fine Sand | -45 | 3 12 13 | | |
| Medium fine Sand | | 2 7 9 | | |
| same as above | -50 | | | |
| same as above | | 5 10 12 | | |
| same as above | -55 | | | |
| same as above | | 13 18 16 | | |
| | -60 | | | |
| same as above | | 7 10 9 | | |
| same as above | -65 | | | |
| Very Dense same as above | | 7 28 50 | | |
| 568.79 | | | | |
| End of Boring | -70 | | | |
| | -75 | | | |
| | -80 | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)
BBS, from 137 (Rev. 8-99)

SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-1HBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171

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