

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



Illinois Department of Transportation

Division of Highways

DOT

SOIL BORING LOG

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Date 3/2/06

ROUTE FAI 280

DESCRIPTION P92-045-02 1-280 over US 67, 3/4 m. S. of Rock River

LOGGED BY M. Jacoby

SECTION 81-1VB & 81-1-HB-1 & 2

LOCATION Blackhawk Twp. - 23 SE, SEC. 2W, 17N, R1G. 2W

COUNTY Rock Island

DRILLING METHOD Hollow Stem Auger

HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. \_\_\_\_\_

Station \_\_\_\_\_

BORING NO. B-4c

Station 253+60

Offset ft Cl.

Ground Surface Elev. 583.5 ft

| D<br>E<br>P<br>T<br>H | B<br>L<br>O<br>W<br>S | U<br>C<br>S<br>Qu | M<br>O<br>I<br>S<br>T | Surface Water Elev. _____ ft | D<br>E<br>P<br>T<br>H | B<br>L<br>O<br>W<br>S | U<br>C<br>S<br>Qu | M<br>O<br>I<br>S<br>T |
|-----------------------|-----------------------|-------------------|-----------------------|------------------------------|-----------------------|-----------------------|-------------------|-----------------------|
|                       |                       |                   |                       | Stream Bed Elev. _____ ft    |                       |                       |                   |                       |
|                       |                       |                   |                       | Groundwater Elev.: _____ ft  |                       |                       |                   |                       |
|                       |                       |                   |                       | First Encounter _____ ft     |                       |                       |                   |                       |
|                       |                       |                   |                       | Upon Completion _____ ft     |                       |                       |                   |                       |
|                       |                       |                   |                       | After _____ Hrs. _____ ft    |                       |                       |                   |                       |

1st Encounter of Rock at 27.0'

556.50

Auger Refusal at 29.0

554.50

End of Boring

-30

-5

-10

-15

-20

-25

-30

-35

-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 T206)

BBS, from 137 (Rev. 8-99)

|             |
|-------------|
| DESIGNED    |
| CHECKED     |
| DRAWN SV    |
| CHECKED SPK |

SOIL BORING LOG B-4c  
STRUCTURE NO. 081-0022 (E.B.)  
STRUCTURE NO. 081-0023 (W.B.)



INFRASTRUCTURE  
ENGINEERING INCORPORATED  
33 West Monroe | Suite 1540 | Chicago, IL 60603  
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|                                               |             |             |             |              |           |
|-----------------------------------------------|-------------|-------------|-------------|--------------|-----------|
| SHEET NO. 54                                  | F.A.I. RTE. | SECTION     | COUNTY      | TOTAL SHEETS | SHEET NO. |
| 54 SHEETS                                     | 280         | 81-1(HB-2)R | ROCK ISLAND | 503          | 336       |
| CONTRACT NO. 64815                            |             |             |             |              |           |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT |             |             |             |              |           |