HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax

Page 1 of 2

# Bridge Foundation Boring Log

Project: H-08042
Section: 07-00116-00-BR
Route: CR 7
County: Wayne

Bridge Over Martin Creek
Station :9+96

Date: 3-11-08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 2
Station: :9+70
Offset: 6' LT

Surface Water Elev.
Ground Water Elev. During Drilling 383.5
Upon Completion plugged

| Elevation | N | Qu tsf | w % | Elevation | N | Qu tsf | w % |
|---|---|---|---|---|---|---|---|
| Ground Surface 407.5 | | | | sand (continued) | | | |
| 0 | | | | | | | |
| 2" Oil and Chip/ 6" C. Stone 406.8 | | | | 383.5 | | | |
| Gray Sandy CLAY (A-6) | 6 | 1.4S | 19 | Brown Mottled Gray Sandy CLAY (A-6) | 30 | 9.0B | 12 |
| -25 | | | | | | | |
| 403.0 | | | | 381.0 | | | |
| Gray Clayey SILT (A-4) | 0 | 0.5B | 25 | Gray Sandy CLAY (A-6) | 27 | 3.6B | 12 |
| -5 | | | | | | | |
| | 1 | 0.5B | 29 | -30 | 25 | 6.9B | 11 |
| | 2 | --- | 29 | | | | |
| -10 | | | | | | | |
| 395.5 | | | | | | | |
| Gray Mottled Brown Sandy CLAY (A-6) | 2 | 0.8B | 25 | -35 | 21 | 4.0B | 16 |
| -15 | 6 | 1.7B | 21 | | | | |
| | 9 | 1.8B | 22 | -40 | 23 | 3.1B | 17 |
| -20 | 7 | 2.6B | 18 | | | | |
| 386.0 | | | | | | | |
| Gray Clayey SAND (A-2-4) | 14 | 0.6S | 18 | | 20 | 3.4B | 42 |

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"

Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%

B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

HOLCOMB FOUNDATION ENGINEERING INC.
P.O. Box 88 618-529-5262
Carbondale, Il. 62903 618-457-8991 fax

Page 2 of 2

# Bridge Foundation Boring Log

Project: H-08042
Section: 07-00116-00-BR
Route: CR 7
County: Wayne

Bridge Over Martin Creek
Station :9+96

Date: 3-11-08
Bored by: D. Russell
Checked By: T. Holcomb

Boring No: 2
Station: :9+70
Offset: 6' LT

Surface Water Elev.
Ground Water Elev. During Drilling 383.5
Upon Completion plugged

| Elevation | N | Qu tsf | w % | Elevation | N | Qu tsf | w % |
|---|---|---|---|---|---|---|---|
| clay (continued) | | | | | | | |
| -45 | | | | -70 | | | |
| -50 | 11 | 1.3B | 27 | | | | |
| | | | | -75 | | | |
| -55 | 12 | 2.1B | 18 | | | | |
| | | | | -80 | | | |
| 348.5 | | | | | | | |
| Gray SANDSTONE | 100/6" | 9.1S | 12 | | | | |
| -60 | | | | | | | |
| | 100/5" | --- | 27 | -85 | | | |
| 343.5 | 100/3" | --- | 15 | | | | |
| End of Boring @ -64.0' | | | | | | | |
| -65 | | | | | | | |

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"

Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%

B = Bulge Failure
S = Shear Failure
E = Estimated Value
P = Penetrometer

| | |
|---|---|
| DESIGNED | A.S.L. |
| CHECKED | S.W.M. |
| DRAWN | D.A.B. |
| CHECKED | D.T.M. |

BORING 2

BORINGS
STRUCTURE NO. 096-3446

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
PROJECT NUMBER: 08.0219.130 DATE: 06/17/09

SHEET NO. 12
10 SHEETS

| C.H. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 7 | 07-00116-00-BR | WAYNE | 16 | 16 |
| | | CONTRACT NO. 95589 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |