| 6/19/2013 | | | | | |
|------------|--|------|-------|---|---|
| 9 | FILE NAME = | USER | NAME | = | D |
| SAVE DATE: | \0822046-76E2I-008-Borings.dgn | | | | |
| | Johnson, Depp & Quisenberry | PLOT | SCALE | = | |
| | CONSULTING ENGINEERS Springfield, Illinois | PLOT | DATE | = | 0 |
| | | | | | |

| TRUCT. NO. <u>082-2046 (P)</u> Station 674+45 | _ | D E | B L | C | M 0 | Surface Water Elev. Stream Bed Elev. | _ ft ft | | D E | B L | U | M 0 |
|---|-------|------------|---------|-----------|--------|---|--------------|-----|-----------|-------------|-----------|--------|
| ORING NO. B—2 Upstream | | P | 0 W | S | S | Groundwater Elev.: | | | P T | 0 W | S | S |
| Station 674+10 | | Н | s | Qu | T | First Encounter 439.4 | | Ā | н | S | Qu | T |
| Offset 11.00ft LT Ground Surface Elev. 443.4 | ft | (ft) | (/6") | (tsf) | (%) | Upon Completion After Hrs. | _ ft _ ft | (| ft) | (/6") | (tsf) | (%) |
| sphalt and Concrete Pavement | | _ | | | | Gray to Brown (Stiff, Moist) CLAY (continued) | 422 | .9 | 4 | | | |
| | 441.9 | _ | 1. | | | Gray to Reddish Brown (Very Stiff, Moist) Fat CLAY with Trace Fine | , | _ | ╛ | 3 | | |
| ark Brown (Soft, Moist) SILT ith Trace Fine Gravel and Sand | | _ | 2 | 0.41 B | 25 | Gravel and Decayed Organics (Residual) | | - | 4 | 5 7 | 3.76 B | 19 |
| fill) | | | | | | | | _ | ╛ | _ | | |
| | | <u>¥</u> _ | 1 | 0.24 | 29 | | | _ | + | 5 | 2.66 | 17 |
| | | | 2 | В | | | | _ | -25 | 8 | S | |
| | 437.9 | - | | | | | | | \dashv | | | |
| ark Gray to Brown (Very Soft, oist) Silty CLAY with Trace Fine | | _ | 1 WH | 0.21 | 30 | | | _ | I | 4 6 | 2.05 | 20 |
| and and Decayed Organics (Fill) | | | 1 | B | 30 | | | - | \dashv | 7 | 2.03 S | 20 |
| | 435.4 | | | | | | 415 | i.4 | 4 | | | |
| ray to Brown (Stiff, Moist) CLAY | | - | 2 | | | Light Gray to Dark Gray to Brown | | | \exists | 6 | | |
| Trace Decayed Organics and Gravel (Alluvium) | | _ | 3 5 | 2.24 B | 22 | (Very Stiff) Highly Weathered SHALE | | | \exists | 10 17 | 0.82 S | 19 |
| , | | -10 | ۰ | | | | | _ | -30 | - 17 | | |
| | | | 1 | | | | | _ | 4 | | | |
| | | | 2 | 2.45 | 20 | | 411 | .4 | | | | |
| | | _ | 5 | S | | Dark Gray (Very Dense, Dry) | | | \dashv | | | |
| | | _ | 1 | | | Weathered SHALE | | _ | ╛ | | | |
| | | | 3 | 1.29 | 22 | | | - | 4 | 30 50/3" | NC | 11 |
| | | -15 | 3 | В | | | | _ | -35 | , | | |
| | | _ | - | | | | | | \dashv | | | |
| | | _ | 1 | | | | | _ | ╛ | | | |
| | | | 3 6 | 3.21 B | 20 | | | - | \dashv | | | |
| | | | | | | | | _ | ╛ | | | |
| Trace Fine Sand, Very Stiff | | _ | 4 | | | | | | \dashv | 45 | | |
| | | _ | 5 | 3.35 | 20 | | | - | 1 | 50/0" | NC | 9 |
| ridce rille Salid, very Silit | | -20 | 7 | В | | | | | -40 | | | |

DESIGNED - IDOT-D8

DRAWN - P. Ray
CHECKED - DCD

CHECKED -

REVISED -

REVISED

REVISED

REVISED

SOIL BORING LOG

 ROUTE
 FAP 103
 DESCRIPTION
 IL 13 over Unnamed Creek
 LOGGED BY
 AMI (TSI)

COUNTY St. Clair DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic SPT

SECTION ______ 23BR-1 ____ LOCATION __NE 1/4, SEC. 17, TWP. 3s, RNG. 6W, 3 PM

USER NAME = DCD

PLOT DATE = 06/28/2013 16:47:49

Page <u>1</u> of <u>2</u>

Date <u>2/22/12</u>

Illinois Department of Transportation Division of Highways Illinois Department of Transportation

| Illinois Departme of Transportation Division of Highways Illinois Department of Transportation | nt 1 | | | , | SOIL BORING | G LOG | Page <u>2</u> of Date <u>2/22/</u> |
|--|-------------|------------------|-------------|------------------|---|-------------------------|-------------------------------------|
| ROUTE FAP 103 DESCRIPTION | _ | | | IL 13 | over Unnamed Creek | LOGGED BY | AMI (TSi) |
| SECTION 23BR-1 LOC | ATION | _ | NE 1/ | 4, SEC. | 17, TWP. 3s, RNG. 6W, | 3 PM | |
| COUNTY St. Clair DRILLING N | ETHO | D | | Но | llow Stem Auger | HAMMER TYPE | Automatic SPT |
| STRUCT. NO. 082-0283 (E) / 082-2046 (P) Station 674+45 | D E P | B L O W | U C S | M 0 1 S | Surface Water Elev. Stream Bed Elev. | ft ft | |
| BORING NO. B-2 Upstream Station 674+10 Offset 11.00ft LT Ground Surface Elev. 443.4 ft | н | ; (/6") | Qu (tsf) | ĭ (%) | Groundwater Elev.: First Encounter Upon Completion After Hrs. | 439.4 ft Y ft ft | |
| Dark Gray (Very Dense, Dry) Weathered SHALE (continued) | _ | | | | | | |
| Trace Gravel, Friable | | 48 50/0" | NC | 8 | | | |
| 397.9 | | | | | | | |
| Auguer Refusal – END OF BORING | _ | | | | | | |
| | | | | | | | |
| | _ | | | | | | |
| | | | | | | | |
| | -55 | | | | | | |
| | _ | | | | | | |
| | -60 | | | | | | |

SECTION SOIL BORINGS STATE OF ILLINOIS 103 STRUCTURE NO. 082-2046 **DEPARTMENT OF TRANSPORTATION** STA. 674+45 SHEET NO. 8 OF 8 SHEETS