



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1

Date 1908

ROUTE FAP 774 (IL 33) DESCRIPTION Box Culvert at Un-Named Stream: Wingwall repair. 0.1 Mile E of Beecher City LOGGED BY E. Sandschafer

SECTION * See Description LOCATION Sec 29 - S 12, Sec 32 - N 12, SEC. TWP. 9 N, RNG. 4 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 025-2020
Station _____
BORING NO. 1 West
Station 86+40
Offset 12.00ft Lt
Ground Surface Elev. 587.00 ft

| D | B | U | M | Surface Water Elev. | D | B | U | M |
|---|---|----|---|-------------------------------|---|---|----|---|
| E | L | C | O | _____ ft | E | L | C | O |
| P | O | S | I | Stream Bed Elev. | P | O | S | I |
| T | W | S | T | _____ ft | T | W | S | T |
| H | S | Qu | T | Groundwater Elev.: | H | S | Qu | T |
| | | | | First Encounter _____ ft | | | | |
| | | | | Upon Completion _____ ft | | | | |
| | | | | After <u>48</u> Hrs. _____ ft | | | | |

| 6" asphalt shoulder. | 586.50 | | | | | | | |
|--|--------|---|-----|----|--|--|--|--|
| Gray, LOAM TILL | | | | | | | | |
| | 585.00 | | | | | | | |
| Medium, damp, red mottled gray, CLAY. | | 1 | | | | | | |
| | | 5 | 1.0 | 24 | | | | |
| | | 9 | B | | | | | |
| | | | | | | | | |
| | | 2 | | | | | | |
| | | 5 | 0.9 | 23 | | | | |
| | | 6 | B | | | | | |
| | | | | | | | | |
| Very soft, damp, red marbled gray, SILTY LOAM. | 580.00 | 3 | | | | | | |
| | | 3 | 0.1 | 25 | | | | |
| | | 4 | B | | | | | |
| | | | | | | | | |
| Medium to stiff, damp, gray, CLAY. | 577.50 | 3 | | | | | | |
| | | 3 | 1.0 | 20 | | | | |
| | | 4 | B | | | | | |
| | | | | | | | | |
| Soft, damp, gray, SILTY LOAM. | 575.00 | 0 | | | | | | |
| | | 2 | 0.3 | 16 | | | | |
| | | 4 | B | | | | | |
| | | | | | | | | |
| Medium to soft, damp, graytan/brown, SANDY LOAM. | 572.50 | 4 | | | | | | |
| | | 4 | 0.4 | 16 | | | | |
| | | 5 | B | | | | | |
| | | | | | | | | |
| | | 2 | | | | | | |
| | | 3 | 0.3 | 16 | | | | |
| | | 4 | B | | | | | |
| | | | | | | | | |
| | 587.50 | | | | | | | |
| | | 3 | | | | | | |

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)



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Date 1908

ROUTE FAP 774 (IL 33) DESCRIPTION Box Culvert at Un-Named Stream: Wingwall repair. 0.1 Mile E of Beecher City LOGGED BY E. Sandschafer

SECTION * See Description LOCATION Sec 29 - S 12, Sec 32 - N 12, SEC. TWP. 9 N, RNG. 4 E, 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 025-2020
Station _____
BORING NO. 2 East
Station 86+92
Offset 12.00ft Rt
Ground Surface Elev. 587.57 ft

| D | B | U | M | Surface Water Elev. | D | B | U | M |
|---|---|----|---|-------------------------------|---|---|----|---|
| E | L | C | O | _____ ft | E | L | C | O |
| P | O | S | I | Stream Bed Elev. | P | O | S | I |
| T | W | S | T | _____ ft | T | W | S | T |
| H | S | Qu | T | Groundwater Elev.: | H | S | Qu | T |
| | | | | First Encounter _____ ft | | | | |
| | | | | Upon Completion _____ ft | | | | |
| | | | | After <u>48</u> Hrs. _____ ft | | | | |

| 6" asphalt shoulder. | 587.07 | | | | | | | |
|--|--------|---|-----|----|--|--|--|--|
| Gray, CLAY LOAM. | | | | | | | | |
| | 585.57 | | | | | | | |
| Very stiff, damp, brown, CLAY. | | 5 | | | | | | |
| | | 5 | 3.0 | 14 | | | | |
| | | 6 | PP | | | | | |
| | | | | | | | | |
| | 583.07 | | | | | | | |
| Stiff, damp, tan/gray, CLAY LOAM. | | 4 | | | | | | |
| | | 4 | 2.5 | 12 | | | | |
| | | 4 | PP | | | | | |
| | | | | | | | | |
| | | 3 | | | | | | |
| | | 3 | 1.2 | 18 | | | | |
| | | 5 | B | | | | | |
| | | | | | | | | |
| Soft, damp, gray marbled brown, SANDY LOAM. | 578.07 | 2 | | | | | | |
| | | 3 | 0.3 | 18 | | | | |
| | | 3 | BS | | | | | |
| | | | | | | | | |
| Soft to medium, damp, brown, CLAY LOAM. | 575.57 | 2 | | | | | | |
| | | 1 | 0.5 | 20 | | | | |
| | | 1 | BS | | | | | |
| | | | | | | | | |
| Soft, damp, gray, SANDY LOAM w/some fine Gravel. | 573.07 | 2 | | | | | | |
| | | 2 | 0.3 | 13 | | | | |
| | | 1 | B | | | | | |
| | | | | | | | | |
| | | 1 | | | | | | |
| | | 1 | 0.4 | 15 | | | | |
| | | 4 | B | | | | | |
| | | | | | | | | |
| | 568.07 | | | | | | | |
| Soft, brown, CLAY LOAM. | 567.57 | 3 | | | | | | |
| | | | | | | | | |

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)

| | | | | | | | | | | | |
|---|-----------------------|------------|------------|---|--------------------|----------------------|--------------|---------------------|---------------------------|--------------------|--|
| FILE NAME = c:\projects\74251\d\shd\detail_74251.dgn | USER NAME = teasleyck | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BORING LOGS | F.A.P RTE. 774 | SECTION . | COUNTY EFFINGHAM | TOTAL SHEETS 33 | SHEET NO. 32 | |
| PLOT SCALE = 100.0000' / IN. | CHECKED - | REVISED - | SCALE: 100 | | | SHEET NO. OF SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | CONTRACT NO. 74251 | |
| PLOT DATE = 3/27/2008 | DATE - | REVISED - | | | | | | | | | |
| • (1-1MFT,1-WMFT,104Z,104IRS-2) | | | | | | | | | | | |