| Illinois Dep of Transpo | ortati | on | | | SC | DIL BORIN | IG LOG | | | 6/* | |
|--|--------|-------------|------------------|-------------|-------------------------|--|-----------------|-------------|-----------------|-------------|---------------|
| Terracon Consultants, Inc. ROUTE FAP 407 (IL RTE 336 | | 200 | DTION | | 0 | hart at CR 4500NL Cta | 5040+49 | 0000 | | | |
| | | | | | | | | JUGG | DBT | | _ 1V1 |
| SECTION | | | | 10N _ | <u>. SEC.</u> Latitu | de , Longitude | HAMMER TYPE | | AL | ло | |
| STRUCT. NO | _ | D E P | B L O | U C S | M 0 - | Surface Water Elev. Stream Bed Elev. | ft ft | D E P | B L O | U C S | M 0 1 |
| BORING NO. B-4 Station 5049+25 Offset 27.0 ft RT | _ | T H | W S (/6**) | Qu (tsf) | S T (%) | Groundwater Elev.: First Encounter Upon Completion | NA ft | T H | W S (/6") | Qu (tsf) | S T (%) |
| Ground Surface Elev. 698.24 Approx. 12" Topsoil | 4 ft | (it) | (10) | (tst) | (70) | After Hrs. BOTTOM OF 8 | NA ft BORING | (11) | (10) | (LSI) | (76) |
| SILTY CLAY LOAM, dark brown | 697.24 | _ | 1 | | | End of Boring | | _ | | | |
| to brown, soft to medium stiff | | _ | 2 | 1.2 B | 31 | • | | _ | | | |
| | | _ | 1 | В | | | | _ | | | |
| | | - | 1 | 1.9 | 29 | | | _ | | | |
| brown and gray | | -5 | 3 | В | | | | | | | |
| | | -5 | - | | | • | | -25 | | | |
| | | | 2 | 1.7 | 24 | | | | | | |
| | | | 3 | З | | | | _ | | | |
| | | _ | | | | | | _ | | | |
| | | - | 2 | 1.3 | 26 | | | - | | | |
| gray | | -10 | 4 | В | | | | -30 | | | |
| | | _ | | | | | | _ | | | |
| | | _ | 2 | 1.2 | 24 | | | _ | | | |
| | | | 3 | В | | | | | | | |
| | | _ | | | | | | _ | | | |
| | | _ | 2 | | 28 | | | _ | | | |
| | 683.24 | -15 | 3 5 | | | | | -35 | | | |
| SILTY CLAY LOAM, gray to dark gray, very stiff | | _ | | | | | | | | | |
| 3.491 to 1 0 m | | _ | 3 | 3.3 | 13 | • | | _ | | | |
| | | | 10 16 | В | | | | | | | |
| SILTY LOAM brownish areas | 680.24 | | | | | | | _ | | | |
| SILTY LOAM, brownish gray, very dense | | _ | 11 | | 8 | | | _ | | | |
| | | | 23 32 | | | | | | | | |

Illinois Department of Transportation P SOIL Division of Highways Terracon Consultants, Inc. ROUTE FAP 407 (IL RTE 336) DESCRIPTION Culvert at SECTION _____(55-3) A LOCATION ____SEC. 13, TO Latitude , L COUNTY McDonough DRILLING METHOD M Surfa O Stre D B U STRUCT. NO. E L C P O S T W 5049+48 Station ____ ____ 1
 BORING NO.
 B-5
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 Ground Sufface Elev.
 698.50
 ft
 (ft)
 (/fe*)
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 (%)
 After
 BORING NO. Approx. 2" Asphalt Seal-Coat 698.30 697.70 End Approx. 8" Crushed Limestone FILL: SILTY CLAY LOAM, trace gravel and organics, dark brown and brown 22 В 695.00 SILTY CLAY LOAM, dark brown to brownish gray, soft to stiff 0.9 33 В dark gray to gray 0.5 в 2 2 1.3 28 2 В 10 3 В 3 2.0 3 В 4 682.50 SILTY CLAY, gray, soft B $\nabla \nabla$ 680.50**y** SILTY LOAM, brownish gray, loose 21 678.50 -20

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-F The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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, form 137 (Rev. 8-99)

| | USER NAME = | DESIGNED - ZTB | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SOIL BORING LOGS STRUCTURE 055-2509 - STA. 5049 + 48.00 F.A.P. RTE. SECTION SHEET NO. 3 OF 3 SHEETS 407 (55-3)A | COUNTY TOTAL SHEETS | SHEET | | |
|-----------------------|-----------------------------|------------------------------|-----------|---|---|---------------|----------------|----------|
| Consulting Engineers | FILE NAME = | CHECKED - TBP | REVISED - | | RING LOGS RTE. SECTION COUNTY i09 - STA. 5049 + 48.00 407 (55-3)A MCDONOUGH | MCDONOUGH 671 | 291 | |
| Springfield, Illinois | PLOT SCALE = PLOT DATE = | DRAWN – AJF CHECKED – TBP | REVISED - | DEPARTMENT OF TRANSPORTATION | | | CONTRACT NO. 6 | 68A42 |
| | | oneoneo ibi | NEVISED | | | | | <u> </u> |

| BORING | | | Page | 1 | of <u>1</u> | |
|--|----------------------------------|-------|-----------------------|----------------------------|------------------------------|--|
| CR 1500N, Sta. 5 | | LOGGE | | | 1/12 LM | |
| VP. 6N, RNG. 3W, ongitude SA | | AUTO | | | | |
| ace Water Elev aam Bed Elev ndwater Elev.: t Encounter on Completion | 680.5 ft 681.5 ft 681.5 ft | 2 | B L O W S | U C S Qu (tsf) | M O I S T (%) | |
| r <u>0.25</u> Hrs BOTTOM OF BC of Boring | RING | | | | | |

BBS, form 137 (Rev. 8-99)