| Division of Highwa Illinois Department | | | DTION | СН | 50 (La | ike of the Woods Road) over I–74 East of Mahomet L | OGGE | | 6 | |
|---|-----------------------|--------|--|------------|--------|---|----------|----------|----------|--------|
| | | | | | | | | וט ט. | | IVA |
| SECTION10-4B | R | _ ι | _OCAT | ION _ | NW, S | EC. 14, TWP. 20N, RNG. 7E, 3rd PM GPS | : | | | |
| COUNTY Champaign | _ DRILLING | ME | THOD | | Hollo | ow Stem Auger HAMMER TYPE | | Auto | matic | |
| STRUCT. NO010-0157_E | xist. | D | В | U | М | Surface Water Elev. ft | D | В | U | М |
| Station | | E P | L | C S | 0 | Surface Water Elev ft Stream Bed Elev ft | E P | L | C S | ٥ ا |
| BORING NO. 5 North P | ier | Т | w | - | s | Groundwater Elev.: | Т | w | | s |
| Station 21+83 Offset 27.0 ft.l | | Н | s | Qu | Т | First Encounter728.7ft | Н | s | Qu | Т |
| Offset 27.0 ft L Ground Surface Elev. 73 | <u>.t.</u> 34.7 ft | (ft) | (/6") | (tsf) | (%) | Upon Completion Wash Bored ft After Hrs ft | (ft) | (/6") | (tsf) | (% |
| Black Mottled Sand Loam | 734.7 | | | | | Gray Clay Loam Till (continued) | _ | | | |
| Gray to Brown Sand Loam | 733.7 | | | | | | _ | 4 | | |
| dray to brown Sand Loam | | _ | 1 | | | | _ | 5 | 2.7 | 11 |
| | | _ | | | | | | 8 | В | |
| | | _ | 1 | | | Brown Clay Loam Till | | ł | | |
| | | _ | 3 | | | , | | 4 | | |
| | | _ | 3 | | 11 | Gray to Brown Poorly Sorted | | 17 18 | 6.8 B | 11 |
| | 729.2 | | 3 | | | Coarse Sand with Small Gravel | -25 | 10 | - | |
| Brown Dirty Coarse Sand | | | | | | (Dry & Dense) | _ | | | |
| | | _ | 3 6 | | | | _ | - | | |
| (Trace of Brown Clay Loam | Till) | _ | 5 | | | | _ | i | | |
| | | _ | | | | | _ | | | |
| | 725.7 | _ | 6 | | | | _ | 21 | | |
| Brown Sandy Clay Loam Ti | | | 7 | 1.4 | 14 | | | 21 | | |
| | | 10 | 10 | В | | | _30 | 25 | | |
| | | _ | 1 | | | | _ | İ | | |
| | | _ | 6 | 4.7 | 14 | | | | | |
| | | _ | 12 | 4./ B | 14 | | | ł | | |
| | | _ | | | | | | | | |
| | | _ | 7 | | | | _ | 21 | | |
| Gray Clay Loam Till | 720.7 | | 10 | 1.6 | 13 | | | 25 | | |
| | | _15 | 8 | В | | | -35 | 18 | | |
| | | _ | - | | | | _ | - | | |
| | | _ | 4 | | | | | | | |
| | | | 4 7 | 2.1 B | 12 | 697.7 | | | | |
| | | _ | | ₽ | | Brown Poorly Sorted Coarse Sand with Free Water | - | | | |
| | | _ | 1 | | | | | 1 | | |
| | | | 3 | 1.2 | 13 | | _ | 7 | | |
| | | 20 | 7 | 1.2 B | " | | _ -40 | | l | |

| Illinois De of Transpo Division of Highways Hinois Department of | partme ortation | nt | | | OIL BORING LOG | Page <u>2</u> 0 |
|--|--------------------|-------------|-------------|---------------|--|-----------------|
| | | | CH 5 | 50 (La | ke of the Woods Road) over I-74 East of Mahomet LOG | GED BYCN |
| SECTION 10-4BR | | LOCAT | NOI | w, s | EC. 14, TWP. 20N, RNG. 7E, 3rd PM GPS: | |
| COUNTY Champaign | DRILLING M | ETHOD | | Holle | w Stem Auger HAMMER TYPE | Automatic |
| STRUCT. NO010-0157 Exis | E | B L O | U C S | M 0 I | Surface Water Elev ft Stream Bed Elev ft | |
| BORING NO. 5 North Pier | " | | Qu (tsf) | S T (%) | Groundwater Elev.: First Encounter | |
| Brown Poorly Sorted Coarse S with Free Water (continued) | | | | | | |
| (2211111122) | _ | | | | | |
| | _ | | | | | |
| Gray to Brown Silt with Trace Very Hard Brown Sandy Clay | 691.7 of | ┪. | | | | |
| Loam Till | _ | 9 | | | | |
| | <u>-4</u> | 5 14 | | | | |
| Brown Sandy Clay Loam Till | 688.7 | 1 | | | | |
| | _ | 1 | | | | |
| (Drilled Hard @ 46') | | | | | | |
| | _ | 12 16 | | | | |
| End of Boring | 684.7 –5 | 0 21 | | | | |
| | _ | - | | | | |
| | | 1 | | | | |
| | _ | 7 | | | | |
| | | 7 | | | | |
| | | 5 | | | | |
| | _ | 7 | | | | |
| | _ | 7 | | | | |
| | _ | 1 | | | | |
| | _ | 1 | | | | |
| | -6 | 0 | | | | |

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer E-Estimate)

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)

F.A.I. RTE. 74 COUNTY TOTAL SHEET NO. CHAMPAIGN 290 146 DESIGNED - DEWEY H. COULTAS EXAMINED DATE -FEBRUARY 25, 2013 SECTION SOIL BORING LOGS STATE OF ILLINOIS CHECKED - NICHOLAS R. BARNETT 10-4BR STRUCTURE NO. 010 - 0289 DRAWN - MICHAEL B. MOSSMAN
CHECKED - D.H.C. / N.R.B. REVISED CONTRACT NO. 70700 DEPARTMENT OF TRANSPORTATION PASSED REVISED SHEET NO. 61 OF 62 SHEETS