



SOIL BORING LOG

Date 9/25/13

ROUTE Wabash Ave. DESCRIPTION MA SE Corner Montvale Dr LOGGED BY M. Tappan

SECTION(G)RS-15,TS-9(21)RS-9,TS-2LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

| | | | | | | | | | |
|-------------------------------|------|-----|-------|-----|---------------------------|------|-----|-------|-----|
| STRUCT. NO. NA | D | B | U | M | Surface Water Elev. NA ft | D | B | U | M |
| Station 548+64 | E | L | C | O | Stream Bed Elev. NA ft | E | L | C | O |
| BORING NO. 5 Mast Arm | P | O | S | I | Groundwater Elev.: | P | O | S | I |
| Station 548+66 | H | S | Qu | T | First Encounter ft | H | S | Qu | T |
| Offset 38.0ft RT | | | | | Upon Completion Dry ft | | | | |
| Ground Surface Elev. 595.7 ft | (ft) | /6" | (tsf) | (%) | After 24 Hrs. 585.7 ft | (ft) | /6" | (tsf) | (%) |

| | | | | | | | | | |
|--|--------|------|----|--|--|----|-----|----|--|
| Brown and Gray Moist SILTY CLAY (Disturbed) | 1 | | | | Brown and Gray Very Moist CLAY LOAM (Till) (continued) | | | | |
| | 4 | 2.7 | 13 | | Gray Moist CLAY LOAM (Till) | 4 | | | |
| | 6 | S-13 | | | | 11 | 4.7 | 13 | |
| Light Brown | 1 | | | | | 12 | B | | |
| | 3 | 1.4 | 20 | | | 3 | | | |
| | 3 | B | | | | 5 | 4.7 | 17 | |
| | -5 | | | | Boring Completed | 10 | B | | |
| Brown and Gray Moist SILTY CLAY | 1 | | | | | | | | |
| | 2 | 1.5 | 22 | | | | | | |
| | 2 | B | | | | | | | |
| | 587.20 | | | | | | | | |
| Brown and Gray Moist SILTY CLAY (Till) | 1 | | | | | | | | |
| | 1 | 1.8 | 13 | | | | | | |
| | 3 | B | | | | | | | |
| | -10 | | | | | | | | |
| | 585.20 | | | | | | | | |
| Brown and Gray Very Moist CLAY LOAM (Till) | 1 | | | | | | | | |
| | 1 | .80 | 20 | | | | | | |
| | 2 | B | | | | | | | |
| | | | | | | | | | |
| Gray and Brown Moist CLAY LOAM (Till) | 2 | | | | | | | | |
| | 7 | S-14 | 12 | | | | | | |
| | 19 | S-14 | | | | | | | |
| | -15 | | | | | | | | |
| Brown and Gray Moist CLAY LOAM (Till) with Reddish Brown Oxidation Seams Sample Broken | 6 | | | | | | | | |
| | 27 | 10+ | 10 | | | | | | |
| | 52 | E | | | | | | | |
| | | | | | | | | | |
| | 11 | | | | | | | | |
| | 25 | 10+ | 12 | | | | | | |
| | 45 | E | | | | | | | |
| | -20 | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE. MASTARMS.GPJ Data Template D:\TEMP\LT.GDT Date Printed: 10/10/13
Latitude: 39.45.842N Longitude: 89.41.635W Datum: NAD83 Job Number: D-98-044-12



SOIL BORING LOG

Date 9/28/13

ROUTE Wabash Ave. DESCRIPTION MA NW Corner Park Ave LOGGED BY M. Tappan

SECTION(G)RS-15,TS-9(21)RS-9,TS-2LOCATION SPFLD. SEC. , TWP. , RNG. , PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140# Auto

| | | | | | | | | | |
|-------------------------------|------|-----|-------|-----|----------------------------|------|-----|-------|-----|
| STRUCT. NO. NA | D | B | U | M | Surface Water Elev. NA ft | D | B | U | M |
| Station 84+80 | E | L | C | O | Stream Bed Elev. NA ft | E | L | C | O |
| BORING NO. 6 Mast Arm | P | O | S | I | Groundwater Elev.: | P | O | S | I |
| Station 84+79 | H | S | Qu | T | First Encounter 593.3 ft | H | S | Qu | T |
| Offset 50.0ft LT | | | | | Upon Completion 584.3 ft | | | | |
| Ground Surface Elev. 604.3 ft | (ft) | /6" | (tsf) | (%) | After 6 Days Hrs. 596.8 ft | (ft) | /6" | (tsf) | (%) |

| | | | | | | | | | |
|--|--------|-----|----|--|--|--------|-----|----|----|
| Black Moist SILTY CLAY (Disturbed) | 1 | | | | Gray and Olive Brown Moist SILTY CLAY (Till) (continued) | 583.30 | | | |
| | 2 | 1.0 | 26 | | Tan and Gray Dry Micaceous Fissile Silty SHALE | | 9 | | |
| | 2 | B | | | | | 100 | 6" | 10 |
| Brown and Gray Moist SILTY CLAY | 0 | | | | Gray Dry | | 8 | | |
| | 2 | 1.0 | 30 | | | | 100 | 6" | 9 |
| | 3 | B | | | Boring Completed | | | | |
| | -5 | | | | | | | | |
| | 598.80 | | | | | | | | |
| Tan and Light Gray Very Moist SILT | 0 | | | | | | | | |
| | 2 | .40 | 28 | | | | | | |
| | 2 | B | | | | | | | |
| | | | | | | | | | |
| Light Blue Gray Very Moist SILT | 0 | | | | | | | | |
| | 2 | .70 | 27 | | | | | | |
| | 2 | B | | | | | | | |
| | -10 | | | | | | | | |
| | 593.30 | | | | | | | | |
| Gray Very Moist SILTY CLAY | 0 | | | | | | | | |
| | 0 | .60 | 30 | | | | | | |
| | 1 | B | | | | | | | |
| | | | | | | | | | |
| Light Brown and Gray Very Moist SILTY CLAY | 0 | | | | | | | | |
| | 1 | 1.4 | 27 | | | | | | |
| | 2 | B | | | | | | | |
| | -15 | | | | | | | | |
| | 588.30 | | | | | | | | |
| Gray and Olive Brown Moist SILTY CLAY (Till) | 0 | | | | | | | | |
| | 2 | 1.4 | 29 | | | | | | |
| | 3 | B | | | | | | | |
| | | | | | | | | | |
| Brown and Gray Moist SILTY CLAY (Till) | 0 | | | | | | | | |
| | 1 | 1.4 | 27 | | | | | | |
| | 3 | B | | | | | | | |
| | -20 | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated) Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating 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: S:\SOILS\GINT FILES\SANGAMON\WABASH AVE. MASTARMS.GPJ Data Template D:\TEMP\LT.GDT Date Printed: 10/10/13
Latitude: 39.45.822N Longitude: 89.40.442W Datum: NAD83 Job Number: D-98-044-12

| | | | | | | | | | | | |
|-------------|-----------------------------------|------------|-----------|---|----------------|--------------------|---------------------|---------------------------|--------------|-----------|--|
| FILE NAME = | USER NAME = sparksgw | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | BORINGS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
| Default | PLT DATE = Nov-08-2013 12:10:24PM | DRAWN - | REVISED - | | | 664 | . | SANGAMON | 126 | 125 | |
| | | CHECKED - | REVISED - | | | CONTRACT NO. 72F29 | | ILLINOIS FED. AID PROJECT | | | |
| | | DATE - | REVISED - | | | SCALE: | SHEET 3 OF 4 SHEETS | STA. | TO STA. | | |