

| 13-inch shick, ASPHALT | Profile | SOIL AND ROCK | Omepur (ft) Iple Type | ple No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile | Elevation (ft) | SOIL AND RO | | Omptin (ft) tple Type | ple No. | SPT Values (blw/6 in) | Ou (tsf) | Moisture Content (%) |
|--|---------------------|---|-----------------------------|---------|--------------------------|-------------|-------------------------|---------|-------------------|--|--|-----------------------------|---------|--------------------------|-------------|-------------------------|
| 13-inch thick, ASPHALT | l _e | DESCRIPTION S | Samp | Sam | SPT (B) | _ | S P | Ē | ů. | DESCRIPTION | N | Samp | Sam | SPT (blv | | Cont |
| brown fine to medium SAND, little gravel | 4 | | - | | | | | | Me | | LOAM, | 7 | T | | | |
| Stiff to hard, gray SILTY CLAY | | brown fine to medium SAND, little gravel | $\frac{1}{\sqrt{2}}$ | 1 | 11 | ΝP | 2 | | | | | $\frac{1}{\sqrt{2}}$ | 7 | 8 | | 21 |
| 3 7 NP 5 | | | | 2 | 2 | ΝP | 2 | | | | | - | a | 3 | | 17 |
| Second | | | | 3 | 7 | NΡ | 5 | | 602 8 Stif | A L ₁ %=36, P %Grav %Sai %Sii | -6 (17) -6 (17) -6 = 17 -6 = 2.5 -1 = 6.8 -1 = 53.9 | 1 | 9 | 8 | | 17 |
| Very stiff, brown to gray CLAY | | 1 | | 4 | 4 | ΝP | 18 | | | | 1 | 25_ | 10 | 8 | | 19 |
| GENERAL NOTES GENERAL NOTES GENERAL NOTES Boring ferminated at 30.00 ft WATER LEVEL DATA WATER LEVEL DATA Begin Drilling 12-11-2009 Complete Drilling 12-11-2009 While Drilling \$\sqrt{2}\$. 8.50 ft Drilling Contractor WTS Drill Rig B-57 TMR Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling NA Drilling Method NA Drilling NA D | | Very stiff, brown to gray CLAY | 1 | 5 | 4 | | 18 | | | | | 1 | 11 | 8 | | 20 |
| GENERAL NOTES Begin Drilling 12-11-2009 Complete Drilling 12-11-2009 While Drilling 12-11-2009 Complete Drilling 12-11-2009 While Drilling □ S.50 ft. At Completion of Drilling □ WASHED □ | WWWGENG GDT 12/2011 | 1 | 5 | 6 | | | 19 | | 593.3 | | 10 6 | | 12 | 36 | NΡ | 17 |
| Drilling Contractor WTS Drill Rig B-57 TMR At Completion of Drilling ▼ WASHED Driller K&J Logger B. Wilson Checked by C. Marin Drilling Method 3,25 IDA HSA; Boring backfilled upon completion Drilling Method 3,25 IDA HSA; Boring backfilled upon completion The stratisation lines represent the approximate boundary | 3 | | | | | | | _ | | WATE | R LE | | | | | |
| Driller K&J Logger B. Wilson Checked by C. Marin Drilling Method 3.25 IDA HSA; Boring backfilled upon completion Depth to Water Y NA The strattication lines represent the approximate boundary | | | | | | | | | | | | | | | | |
| Drilling Method 3,25 IDA. HSA; Boring backfilled upon completion Depth to Water NA The stratification lines represent the approximate boundary | | | | | | | | | | | | | WA | SHEL | · | ····· |
| The stratification lines represent the approximate boundary | 8 | | | | | | | | | | | | | | | |
| between soil types: the actual transition may be gradual. | NAMG | The stratification lines represent the approximate boundary | | | | | | | | | \neg | | | | | |

| Wang | BORING LOG WC29-B02 | Page 1 of |
|--|--|--|
| wangeng@wangeng.com 1145 N Main Street Lombard, IL 60148 Telephone: 630 953-9928 Fax: 630 953-9938 | WEI Job No.: 790-36-01 Client TranSystems Corporation Project Illinois Route 47, Section IL 47B Location Mainline, Kendall Co. | Datum: NGVD Elevation: 618.69 ft North: 1763563.72 ft East: 956784.02 ft Station: 6446+18.99 Offset: 15.61 RT |
| SOIL AND ROCK DESCRIPTION | Sample Type Sampl | 교환은 이 다. 그를 더 의 또 |

| Profile | SOIL AND ROCK DESCRIPTION | Depth | Sample Type | Sample No. | SPT Values (blw/6 in) | Ou (Ist) | Moisture Content (%) | Profile | Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample Type recivery | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) |
|----------------|--|---------|-------------|------------|--------------------------|-------------|-------------------------|---------|-------------------|---|---------------|-------------------------|------------|--------------------------|-------------|-------------------------|
| | 6-inch thick, dark brown CLAY -TOPSOIL- Medium stiff to very stiff, brown and gray SILTY CLAY LOAM, little gravel | /_ - | X | 1 | 2 4 4 | 0.75 P | 22 | | | ry stiff to hard, gray CLAY e gravel | - | X | 7 | 3 4 5 | 2.54 B | 16 |
| | A-6 (19)L_%=33, P,%=16%Gravel=6.1%Sand=14.7%Sit=55.5%C(1ay=23.7- | | X | 2 | 2 2 3 | 1.25 P | 22 | | | | 20_ | V | 8 | 2 4 6 | 2.87 B | 17 |
| | , , , , , , , , , , , , , , , , , , , | - | X | 3 | 1 3 5 | 1.72 B | 13 | | | | 1 | X | œ | 3 7 11 | 4.59 B | 19 |
| | | 10_ | X | 4 | 3 4 7 | 2.87 B | 17 | | Vei | ry dense, gray SILT | 25_/ | V | 10 | 19 31 41 | ΝP | 14 |
| | | - | X | 5 | 2 5 7 | 2.13 B | 17 | | | if to very stiff, gray SILTY AY, little gravel | - | X | 11 | 13 10 8 | 1.72 B | 15 |
| | Medium dense, gray SILT, little gravel | 15_ | X | 6 | 3 4 6 | ΝP | 11 | | 588.7 Box | ring terminated at 30.00 f | 30 | V | 12 | 3 6 10 | 2.71 B | 12 |
| Г' | GENERA | LN | 101 | ΪES | S | | | _ | | WATER | LEVE | LΒ | A | ГА | | \neg |
| Drill Drill | Begin Drilling 01-20-2010 Complete Drilling 01-20-2010 White Drilling ♀ DRY Drilling Contractor WTS Drill Rig D. 59.ATV At Completion of Drilling ▼ DRY Driller K&J Logger H. Suhall Checked by C. Marin Drilling Method 3,25.IDA HSA; Boring backfilled.upon.completion. Drilling Method Time After Drilling NA Drilling Method Time after Drilling NA Drilling Method Time after Drilling NA The straiglisation lines represent the eproximate boundary | | | | | | | | | | | | | | | |

| Wang | 1 | BORING LOG WC29-B03 | | Page 1 of |
|--|--------|--|--|-----------|
| wangeng@wangeng.com 1145 N Main Street Lombard, IL 60148 Telephone: 630 953-9928 Fax: 630 953-9938 | Client | WEI Job No.: 790-36-01 TranSystems Corporation Illinois Route 47, Section IL 47B Mainline, Kendall Co. | Datum: NGVD Elevation: 618.83 ft North: 1763612.17 ft East: 956851.70 ft Station: 6446+68.84 Offset: 82.25 RT | |

| Profile | SOIL AND ROCK DESCRIPTION | Sample Type | Sample No. | SPT Values (blw/6 in) | Qu (tsf) | Moisture Content (%) | Profile | Elevation (R) | SOIL AND ROO DESCRIPTION | | Sample Type | Sample No. | SPT Values (blw/6 in) | Olu (Ist) | Moisture Content (%) |
|-------------------|---|-------------|------------|--------------------------|-------------|-------------------------|---------|---------------|---|-----------------------------|-------------|------------|--------------------------|--------------|-------------------------|
| | 9-inch thick, dark brown CLAY 618 TOPSOIL Medium stiff, brown and gray SILTY CLAY | | 1 | 1 2 2 | 0.50 P | 49 | | | L _L %= 34, P _L %Grave %Sand | I = 8.8 = 10.2 = 45.8 | | 7 | 2 4 6 | 1.89 B | 19 |
| | Stiff to hard, gray SILTY CLAY to CLAY LOAM, little gravelA-6 (17)L, (%)=37, P, (%)=17 | 1 | 2 | 1 2 3 | 1.80 B | 23 | | | | 20_ | M | 8 | 2 3 5 | 1.80 B | 19 |
| | %Gravel=1.8 %Sand=10.5 %Silt=53.4 %Clay=34.3 | 1 | 3 | 4 5 7 | 3.28 B | 19 | | 596.3 Ver | ry dense, gray SILT | - | M | 9 | 2 5 9 | 3.44 B | 19 |
| | 4 to 6-inch thick, wet SAND | 1 | 4 | 3 5 7 | 2.30 B | 18 | | | | 25 | M | 10 | 17 33 44 | ΝP | 13 |
| | | 1 | 5 | 4 6 8 | 4.10 B | 19 | | | ystiff, gray SILTY CL e gravel | AY, | M | 11 | 9 11 10 | 2.30 P | 12 |
| WANGENG GDT 98/11 | 15, | | 6 | 3 4 5 | 2.13 B | 18 | | 588.8 | nse, gray SILT, some | 30 | M | 12 | 5 18 20 | ΝP | 16 |
| P. | GENERAL NOTES WATER LEVEL DATA | | | | | | | | | | | | | | |
| | | | | illing | | | | | While Drilling | ₹ | | | | | |
| | illing Contractor WTS | | | | | | | | At Completion of Drillin | | | D | KY | | |
| - 5 | Iller K&J Logger H. Illing Method 3,25 IDA HSA; Boring | | | | | | | larin | Time After Drilling Depth to Water | | | | | | |
| WANG | The stratification lines represent the approximate boundary between soil types: the actual transition may be gradual. | | | | | | | | | | | | | | |

| REVISED - | USER NAME = | DESIGNED - PSS |
|-----------|--------------|----------------|
| REVISED - | FILE NAME = | CHECKED - VPT |
| REVISED - | PLOT SCALE = | DRAWN - AJF |
| REVISED - | PLOT DATE = | CHECKED - VPT |



| STATE OF ILLINOIS | |
|------------------------------|--|
| DEPARTMENT OF TRANSPORTATION | |

| SOIL BORINGS | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEE NO. | | |
|-------------------------|----------------|---------------------------|----------|-----------------|----------|--|--|
| STRUCTURE NO. 047-2022 | 326 | (109, 110)R-1 | KENDALL | 619 | 379 | | |
| | _ | | CONTRACT | NO. 6 | 6B84 | | |
| SHEET NO. 4 OF 4 SHEETS | | ILLINOIS FED. AID PROJECT | | | | | |