

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) |
|------------------------|--|------------|------------|-----------------------|---------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|---------|----------------------|
| 592.2 | 6.5-inch thick ASPHALT --PAVEMENT-- | 0 | | | | | 592.2 | | 0 | | | | |
| 592.2 | 10.5-inch thick CONCRETE --PAVEMENT-- | 1 | 7 | 8 | NP | 6 | 592.2 | | 1 | 11 | 0 | 0.33 | 27 |
| | Loose to medium dense, gray, GRAVELLY SAND --FILL-- | 2 | 7 | 7 | NP | 7 | | | 2 | 12 | 0 | 0.30 | 27 |
| | | 5 | | | | | | | 5 | | | | |
| | | 10 | | | | | | | 10 | | | | |
| | | 15 | | | | | | | 15 | | | | |
| 578.8 | Medium stiff to stiff, black and gray SILTY CLAY, trace gravel | 16 | 4 | 4 | NP | 4 | 578.8 | | 16 | | | | |
| | | 20 | 8 | 4 | 1.50 P | 18 | | | 20 | 16 | 0 | 0.57 | 26 |
| 573.8 | Loose, gray, medium SAND | 22 | 2 | 2 | NP | 22 | 573.8 | | 22 | | | | |
| 571.3 | Soft to medium stiff, gray CLAY to SILTY CLAY, trace gravel | 25 | 2 | 2 | | 0.41 | 22 | 571.3 | 25 | 16 | 0 | 0.41 | 28 |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|-----------------------|-------------------|--|---|----|----------|--|
| Begin Drilling | 04-02-2013 | Complete Drilling | 04-02-2013 | While Drilling | ▽ | 11.00 ft | |
| Drilling Contractor | Wang Testing Services | Drill Rig | B-57 TMR | At Completion of Drilling | ▽ | NA | |
| Driller | R&T | Logger | D. Wind | Time After Drilling | NA | | |
| Checked by | C. Marin | Drilling Method | 3.25" HSA to 11', Mud Rotary 11' thereafter, boring backfilled upon completion | Depth to Water | ▽ | NA | |
| | | | | The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) |
|------------------------|--|------------|------------|-----------------------|---------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|---------|----------------------|
| | | 55 | 17 | 0 | 0.98 | 22 | | | 55 | | | | |
| 537.5 | Very stiff to hard, gray SILTY CLAY LOAM, trace gravel | 60 | 18 | 5 | 3.28 | 16 | 537.5 | | 60 | 23 | 10 | 3.28 | 18 |
| | | 65 | 19 | 4 | 2.95 | 16 | | | 65 | 19 | 4 | 2.95 | 16 |
| | | 70 | 20 | 5 | 3.53 | 17 | | | 70 | 20 | 5 | 3.53 | 17 |
| | | 75 | 21 | 18 | 7.79 | 14 | | | 75 | 21 | 18 | 7.79 | 14 |
| | | 80 | 22 | 12 | 14 | 21 | | | 80 | 22 | 12 | 14 | 21 |
| 507.5 | Very dense, gray GRAVELLY SAND | 85 | 23 | 10 | 17 | 17 | 507.5 | | 85 | 23 | 10 | 17 | 17 |
| 502.5 | Very stiff to hard, gray SILTY LOAM, trace gravel | 90 | 24 | 45 | 50/5 | | 502.5 | | 90 | 24 | 45 | 50/5 | |
| | | 95 | 25 | 5 | 10 | 13 | | | 95 | 25 | 5 | 10 | 13 |
| | | 100 | 26 | 40 | 37 | 50/5 | | | 100 | 26 | 40 | 37 | 50/5 |
| | | | | | | | | | | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|-----------------------|-------------------|--|---|----|----------|--|
| Begin Drilling | 04-02-2013 | Complete Drilling | 04-02-2013 | While Drilling | ▽ | 11.00 ft | |
| Drilling Contractor | Wang Testing Services | Drill Rig | B-57 TMR | At Completion of Drilling | ▽ | NA | |
| Driller | R&T | Logger | D. Wind | Time After Drilling | NA | | |
| Checked by | C. Marin | Drilling Method | 3.25" HSA to 11', Mud Rotary 11' thereafter, boring backfilled upon completion | Depth to Water | ▽ | NA | |
| | | | | The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | |

| Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) | Profile Elevation (ft) | SOIL AND ROCK DESCRIPTION | Depth (ft) | Sample No. | SPT Values (blows/ft) | Cu (lb) | Moisture Content (%) |
|------------------------|---|------------|------------|-----------------------|---------|----------------------|------------------------|---------------------------|------------|------------|-----------------------|---------|----------------------|
| 574.4 | 18-inch thick CONCRETE --PAVEMENT-- | 0 | | | | | 574.4 | | 0 | | | | |
| 574.4 | 51-inch thick CRUSHED STONE --BASE COURSE-- | 1 | 2 | 3 | 2.46 | 16 | 574.4 | | 1 | 1 | 1 | 0.41 | 26 |
| 572.8 | Very stiff, brown and gray SILTY CLAY, trace gravel | 2 | 2 | 3 | 0.98 | 19 | 572.8 | | 2 | 12 | 1 | 0.91 | 25 |
| | | 5 | | | | | | | 5 | | | | |
| | | 10 | | | | | | | 10 | | | | |
| | | 15 | | | | | | | 15 | | | | |
| | | 20 | | | | | | | 20 | | | | |
| | | 25 | | | | | | | 25 | | | | |
| 526.8 | Very stiff, gray SILTY LOAM, trace gravel | 30 | 13 | 2 | 3 | 5 | 526.8 | | 30 | 13 | 2 | 3 | 5 |
| | | 35 | | | | | | | 35 | | | | |
| | | 40 | | | | | | | 40 | | | | |
| 534.4 | Very stiff to hard, gray SILTY CALY, trace gravel | 45 | 15 | 6 | 7 | | 534.4 | | 45 | 15 | 6 | 7 | |
| | | 50 | | | | | | | 50 | | | | |
| | | 55 | | | | | | | 55 | | | | |
| | | 60 | | | | | | | 60 | | | | |
| | | 65 | | | | | | | 65 | | | | |
| | | 70 | | | | | | | 70 | | | | |
| | | 75 | | | | | | | 75 | | | | |
| | | 80 | | | | | | | 80 | | | | |
| | | 85 | | | | | | | 85 | | | | |
| | | 90 | | | | | | | 90 | | | | |
| | | 95 | | | | | | | 95 | | | | |
| | | 100 | | | | | | | 100 | | | | |

| GENERAL NOTES | | | | WATER LEVEL DATA | | | |
|---------------------|-----------------------|-------------------|--|---|----|----|--|
| Begin Drilling | 04-01-2013 | Complete Drilling | 04-01-2013 | While Drilling | ▽ | NA | |
| Drilling Contractor | Wang Testing Services | Drill Rig | CME-55 TMR | At Completion of Drilling | ▽ | NA | |
| Driller | P&N | Logger | D. Wind | Time After Drilling | NA | | |
| Checked by | C. Marin | Drilling Method | 3.25" HSA to 10', Mud Rotary 10' thereafter, boring backfilled upon completion | Depth to Water | ▽ | NA | |
| | | | | The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual. | | | |

FILE NAME: I:\7298\21 - Circle Interchange Tunnel Bulkheading\CADD\CADD SHEETS\2298\228 - borings\B-01.dwg



| | | | | | |
|------------|---------------------|----------|---|---------|---|
| USER NAME | = rgal | DESIGNED | - | REVISED | - |
| PLOT SCALE | = 2:0.0000 1" = 10' | DRAWN | - | REVISED | - |
| PLOT DATE | = 4/12/2013 | CHECKED | - | REVISED | - |
| | | DATE | - | REVISED | - |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING

SCALE: SHEET NO. OF SHEETS STA. TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|--------------------|--------|--------------|-----------|
| 90/94 | 0101.6-2P-1-3 (13) | COOK | 37 | 23 |
| CONTRACT NO. 60W36 | | | | |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |