## EARTHWORK SCHEDULE

| LOCATION | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL | POROUS GRANULAR EMBANKMENT | EARTH EXCAVATION | EARTH EXCAVATION TO BE USED AS EMBANKMENT ADJUSTED FOR SHRINKAGE * | EMBANKMENT * | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) |
|---|---|---|---|---|---|---|
| | (CU YD) | (CU YD) | (CU YD) | (CU YD) | (CU YD) | (CU YD) |
| IL 13/15 | | | 1,511 | 1,284 | 238 | 1,047 |
| CITY STREET | 183 | 121 | 450 | 383 | 865 | -483 |
| ACCESS ROAD R1 | | | 1,350 | 1,148 | 122 | 1,027 |
| SCHEDULE TOTAL | 183 | 121 | 3,311 | 2,815 | 1,225 | 1,591 |

NOTES:
1. SHRINKAGE FACTOR USED = 15%
2. (*) PROVIDED FOR INFORMATION ONLY.
3. IF QUANTITY FOR EARTHWORK BALANCE IS NEGATIVE (-), THEN THIS QUANTITY IS TO BE PAID FOR AS FURNISHED EXCAVATION.
4. EMBANKMENT FOR ACCESS ROAD R1 INCLUDES CA-6 BACKFILL OF CURB AND GUTTER PER PLANS.

## DRAINAGE STRUCTURE SCHEDULE

| STR. NO | STA | OFFSET | RIM ELEV. | INVERT ELEVATION | | | | CB TC MED INL 604101 (EACH) | CB TA 4 DIA T15F&L (EACH) | MAN TA 4 DIA T1F CL (EACH) | INLETS TA T15F&L (EACH) | INLETS TA SPL T3F&G (EACH) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | N | S | E | W | | | | | |
| 1 | 134+50.00 | 24.30 RT | 496.75 | | | 494.00 | | 1 | | | | |
| 2 | 135+03.90 | 28.10 RT | 497.48 | | 493.62 | | 493.72 | | | 1 | | |
| 3 | 136+92.70 | 22.80 RT | 497.69 | | | 490.83 | 492.83 | | 1 | | | |
| 4 | 136+50.00 | 22.7 RT | 497.77 | | | 493.26 | | | | | 1 | |
| 5 | 10+52.00 | 21.95 RT | 496.90 | | | | | | | | | 1 |
| 6 | 10+52.00 | 37.37 LT | 496.66 | | | | | | | | | 1 |
| | | | | | | | TOTAL | 1 | 1 | 1 | 1 | 2 |

## STORM SEWER SCHEDULE

| PIPE RUN | SIZE (INCHES) | FROM STR. | TO STR. | SLOPE (%) | SS CL A T1 15 (FOOT) | SS CL A T1 24 (FOOT) | SS CL A T2 15 (FOOT) |
|---|---|---|---|---|---|---|---|
| 1 | 24 | 1 | 2 | 0.55 | | 51.0 | |
| 2 | 15 | 3 | EX. CULV | 1.67 | | | 3.0 |
| 3 | 15 | 4 | 3 | 1.00 | 40.0 | | |
| | | | TOTAL | | 40.0 | 51.0 | 3.0 |

## PRECAST CONCRETE BOX CULVERT 5'X3'

| FROM STA. | OFFSET | TO STA. | OFFSET | LENGTH | BOX CULVERT END SECTION, CULVERT NO. 1 (EACH) |
|---|---|---|---|---|---|
| 10+52.00 | 38.3 RT | 10+52.00 | 54.10 LT | 92.4 | 2 |
| | | | ROUNDED TOTAL | 93.0 | 2 |

## PIPE CULVERT REMOVAL

| FROM STA. | OFFSET | TO STA. | OFFSET | LENGTH (FOOT) |
|---|---|---|---|---|
| 139+64.06 | 244.04 LT | 140+14.30 | 201.75 LT | 65.7 |
| | | | TOTAL | 65.7 |
| | | | ROUNDED | 66.0 |

## REMOVING CATCH BASINS

| STA. | OFFSET | QTY (EA) |
|---|---|---|
| 135+03.92 | 28.1 RT | 1 |

## PIPE UNDERDRAINS 4"

| FROM STA. | OFFSET | TO STA. | OFFSET | LENGTH (FOOT) | REMARKS |
|---|---|---|---|---|---|
| 133+85.30 | 44.5 RT | 135+32.30 | 27.9 RT | 147.9 | CONNECT TO EX UNDERDRAIN |
| 135+32.30 | 27.9 RT | 136+92.70 | 24.0 RT | 160.4 | CONNECT TO STRUCTURE |
| 136+92.70 | 24.0 RT | 139+22.70 | 23.0 RT | 230.0 | CONNECT TO STRUCTURE |
| | | | TOTAL | 538.4 | |
| | | | ROUNDED | 539.0 | |

## MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

| STATION | OFFSET | QTY (EACH) |
|---|---|---|
| 139+92.58 | 88.63 RT | 1 |
| | TOTAL | 1 |

## INLETS TO BE ADJUSTED

| STA | OFFSET | QTY (EACH) |
|---|---|---|
| 141+68.68 | 27.92 LT | 1 |
| 141+77.00 | 21.46 LT | 1 |
| 142+59.69 | 21.46 LT | 1 |
| 143+95.07 | 21.46 LT | 1 |
| 145+26.65 | 21.46 LT | 1 |
| | TOTAL | 5 |

## UNDERDRAIN REPAIR

| DESCRIPTION | FROM STA. | OFFSET | TO STA. | OFFSET | LENGTH (FOOT) | ROUNDED LENGTH (FOOT) | QUANTITY (EACH) |
|---|---|---|---|---|---|---|---|
| PIPE UNDERDRAIN REMOVAL | 138+89.24 | 69.55 RT | 138+89.19 | 81.42 RT | 11.9 | 12.0 | - |
| PIPE UNDERDRAINS 4" (SPECIAL) | 138+89.24 | 69.55 RT | 138+89.19 | 84.54 RT | 15.0 | 15.0 | - |
| REMOVE AND REINSTALL CONCRETE HEADWALL FOR PIPE UNDERDRAIN | 138+89.19 | 81.42 LT | 138+89.00 | 84.5 RT | - | - | 1 |

## TRENCH BACKFILL

| LOCATION | QTY (CU YD) |
|---|---|
| PIPE 1 | 0.3 |
| PIPE 2 | 1.2 |
| PIPE 3 | 9.1 |
| CULVERT NO. 1 | 141.0 |
| TOTAL | 151.6 |
| ROUNDED | 152.0 |

## REMOVALS SCHEDULE

| STATION | OFFSET | STATION | OFFSET | PAVEMENT REMOVAL (SQ YD) | PAVED SHOULDER REMOVAL (SQ YD) | GUTTER REMOVAL (FOOT) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | MEDIAN REMOVAL (SQ FT) | FENCE REMOVAL (FOOT) |
|---|---|---|---|---|---|---|---|---|---|
| 135+00.0 | | 138+00.0 | | 385.6 | | | | | |
| 138+00.0 | | 143+00.0 | | 765.9 | | | | | |
| 143+00.0 | | 145+30.0 | | 51.7 | | | | | |
| 136+94.4 | 60.5 RT | 137+90.2 | 59.5 RT | | 106.4 | | | | |
| 139+02.1 | 59.5 RT | 140+86.6 | 59.5 RT | | 205.0 | | | | |
| 138+91.2 | 11.1 LT | 140+86.6 | 11.2 LT | | 217.1 | | | | |
| 133+85.3 | 44.5 RT | 137+06.4 | 29.1 RT | | 214.1 | | | | |
| 133+85.3 | 11.9 RT | 137+07.4 | 29.1 RT | | 214.7 | | | | |
| 141+76.7 | | 145+30.0 | | | | 353.3 | | | |
| 137+69.4 | RT | | | | | | 229.3 | | |
| 140+16.1 | RT | | | | | | 161.6 | | |
| 142+26.6 | LT | | | | | | 64.3 | | |
| 143+64.5 | LT | | | | | | 28.0 | | |
| 144+92.1 | LT | | | | | | 32.4 | | |
| 137+76.9 | | 142+04.2 | | | | | | 4,232.9 | |
| 142+38.5 | | 145+30.0 | | | | | | 4,622.5 | |
| 139+47.3 | 103.61 RT | 139+96.3 | 103.91 RT | | | | | | 49.0 |
| 139+96.3 | 103.92 RT | 140+31.3 | 109.06 RT | | | | | | 35.4 |
| 140+31.3 | 109.06 RT | 142+06.2 | 146.66 RT | | | | | | 178.9 |
| 142+06.2 | 146.66 RT | 142+60.6 | 148 RT | | | | | | 54.5 |
| 142+60.6 | 148.05 RT | 142+59.9 | 251.3 RT | | | | | | 103.3 |
| | | TOTAL | | 1,203.2 | 957.4 | 353.3 | 515.7 | 8,855.4 | 421.0 |
| | | ROUNDED | | 1,204.0 | 958.0 | 354.0 | 516.0 | 8,856.0 | 421.0 |

| | | | |
|---|---|---|---|
| FILE NAME = 0876015-sht-schedule1.dgn | USER NAME = dwozniarski | DESIGNED - | REVISED - |
| | | DRAWN - DMW | REVISED - |
| | PLOT SCALE = 200.00 ' / IN. | CHECKED - | REVISED - |
| | PLOT DATE = 9/14/2010 | DATE - 7/9/2010 | REVISED - |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

SCALE: NA | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 103 | 27-1-N | ST. CLAIR | 50 | 7 |
| | | CONTRACT NO. 76015 | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |