

| EARTHWORK SCHEDULE FOR IL 125, IL 123, T.R. 22 | | | | | | | | | | |
|--|------|-------|-----------|------------------|-------------------------------|------|-------|------------|------------------|--------------------------------|
| LOCATION | CUT | | TOTAL CUT | DISTANCE (X/100) | SUM OF END AREA (CUT) SQ. FT. | FILL | | TOTAL FILL | DISTANCE (X/100) | SUM OF END AREA (FILL) SQ. FT. |
| | LEFT | RIGHT | | | | LEFT | RIGHT | | | |
| IL RTE. 125 | | | | | | | | | | |
| 152+25 | 0.0 | 0.0 | 0 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.25 | 0.9 | | | | 0.25 | 0.5 |
| 152+50 | 1.9 | 1.6 | 3.5 | | | 1.3 | 0.8 | 2.1 | | |
| | | | | 0.5 | 3.1 | | | | 0.5 | 2.8 |
| 153+00 | 1.4 | 1.3 | 2.7 | | | 1.9 | 1.6 | 3.5 | | |
| | | | | 0.5 | 2.9 | | | | 0.5 | 3.0 |
| 153+50 | 1.7 | 1.3 | 3 | | | 1.2 | 1.2 | 2.4 | | |
| | | | | 0.5 | 4.1 | | | | 0.5 | 2.4 |
| 154+00 | 1.8 | 3.3 | 5.1 | | | 0.7 | 1.7 | 2.4 | | |
| | | | | 0.5 | 7.5 | | | | 0.5 | 2.9 |
| 154+50 | 4.6 | 5.2 | 9.8 | | | 1.8 | 1.6 | 3.4 | | |
| | | | | 0.5 | 10.4 | | | | 0.5 | 3.6 |
| 155+00 | 5.4 | 5.5 | 10.9 | | | 2.1 | 1.6 | 3.7 | | |
| | | | | 0.5 | 13.3 | | | | 0.5 | 4.1 |
| 155+50 | 6.2 | 9.4 | 15.6 | | | 2.6 | 1.8 | 4.4 | | |
| | | | | 0.5 | 16.9 | | | | 0.5 | 4.6 |
| 156+00 | 6.7 | 11.4 | 18.1 | | | 3.2 | 1.6 | 4.8 | | |
| | | | | 0.5 | 18.4 | | | | 0.5 | 5.1 |
| 156+50 | 7.1 | 11.5 | 18.6 | | | 3.7 | 1.7 | 5.4 | | |
| | | | | 0.5 | 18.0 | | | | 0.5 | 6.1 |
| 157+00 | 7.4 | 10.0 | 17.4 | | | 4.3 | 2.5 | 6.8 | | |
| | | | | 0.5 | 16.9 | | | | 0.5 | 8.1 |
| 157+50 | 7.8 | 8.5 | 16.3 | | | 5.0 | 4.3 | 9.3 | | |
| | | | | 0.5 | 16.5 | | | | 0.5 | 10.7 |
| 158+00 | 8.3 | 8.4 | 16.7 | | | 5.8 | 6.3 | 12.1 | | |
| | | | | 0.5 | 16.8 | | | | 0.5 | 13.7 |
| 158+50 | 8.6 | 8.3 | 16.9 | | | 7.2 | 8.1 | 15.3 | | |
| | | | | 0.5 | 17.6 | | | | 0.5 | 16.0 |
| 159+00 | 10.0 | 8.3 | 18.31 | | | 7.3 | 9.3 | 16.6 | | |
| | | | | 0.5 | 19.0 | | | | 0.5 | 17.0 |
| 159+50 | 11.4 | 8.3 | 19.7 | | | 6.8 | 10.6 | 17.4 | | |
| | | | | 0.5 | 21.4 | | | | 0.5 | 17.5 |
| 160+00 | 13.9 | 9.1 | 23 | | | 8.4 | 9.1 | 17.5 | | |
| | | | | 0.5 | 27.8 | | | | 0.5 | 17.7 |
| 160+50 | 20.4 | 12.1 | 32.5 | | | 10.5 | 7.4 | 17.9 | | |
| | | | | 0.5 | 41.8 | | | | 0.5 | 12.7 |
| 161+00 | 39.1 | 11.9 | 51 | | | 1.0 | 6.5 | 7.5 | | |
| IL 125 / IL 123 INTERSECTION | | | | | | | | | | |
| 162+50 | 22.6 | 19.0 | 41.6 | | | 6.7 | 7.3 | 14 | | |
| | | | | 0.5 | 28.6 | | | | 0.5 | 15.1 |
| 163+00 | 1.8 | 13.8 | 15.6 | | | 5.8 | 10.3 | 16.1 | | |
| | | | | 0.5 | 21.3 | | | | 0.5 | 16.4 |
| 163+50 | 13.6 | 13.4 | 27 | | | 5.7 | 11.0 | 16.7 | | |
| | | | | 0.5 | 26.8 | | | | 0.5 | 16.6 |
| 164+00 | 13.1 | 13.5 | 26.6 | | | 6.5 | 10.0 | 16.5 | | |
| | | | | 0.5 | 25.8 | | | | 0.5 | 17.0 |
| 164+50 | 11.4 | 13.6 | 25 | | | 8.3 | 9.2 | 17.5 | | |
| | | | | 0.5 | 23.8 | | | | 0.5 | 17.6 |
| 165+00 | 11.0 | 11.6 | 22.6 | | | 8.5 | 9.2 | 17.7 | | |
| | | | | 0.5 | 21.2 | | | | 0.5 | 17.6 |
| 165+50 | 10.6 | 9.1 | 19.7 | | | 7.7 | 9.7 | 17.4 | | |
| | | | | 0.5 | 17.3 | | | | 0.5 | 17.9 |
| 166+00 | 7.9 | 6.9 | 14.8 | | | 8.7 | 9.7 | 18.4 | | |
| | | | | 0.5 | 12.5 | | | | 0.5 | 19.0 |
| 166+50 | 5.3 | 4.8 | 10.1 | | | 10.2 | 9.4 | 19.6 | | |
| | | | | 0.5 | 9.5 | | | | 0.5 | 17.6 |
| 167+00 | 4.5 | 4.3 | 8.8 | | | 7.6 | 7.9 | 15.5 | | |
| | | | | 0.5 | 7.3 | | | | 0.5 | 12.7 |
| 167+50 | 3.7 | 2.1 | 5.8 | | | 4.8 | 5.0 | 9.8 | | |
| | | | | 0.5 | 4.7 | | | | 0.5 | 8.3 |
| 168+00 | 1.2 | 2.3 | 3.5 | | | 2.7 | 4.1 | 6.8 | | |
| | | | | 0.5 | 3.5 | | | | 0.5 | 6.3 |
| 168+50 | 1.2 | 2.2 | 3.4 | | | 2.5 | 3.3 | 5.8 | | |
| | | | | 0.5 | 4.0 | | | | 0.5 | 4.5 |
| 169+00 | 1.4 | 3.2 | 4.6 | | | 1.1 | 2.1 | 3.2 | | |
| | | | | 0.25 | 1.2 | | | | 0.25 | 0.8 |
| 169+25 | 0.0 | 0.0 | 0 | | | 0.0 | 0.0 | 0 | | |
| SUB-TOTALS = | | | | | 479.9 | | | | | 335.4 |

| EARTHWORK SCHEDULE FOR IL 125, IL 123, T.R. 22 (CONTINUED) | | | | | | | | | | |
|--|------|-------|-----------|------------------|-------------------------------|------|-------|------------|------------------|--------------------------------|
| LOCATION | CUT | | TOTAL CUT | DISTANCE (X/100) | SUM OF END AREA (CUT) SQ. FT. | FILL | | TOTAL FILL | DISTANCE (X/100) | SUM OF END AREA (FILL) SQ. FT. |
| | LEFT | RIGHT | | | | LEFT | RIGHT | | | |
| IL RTE. 123 | | | | | | | | | | |
| 246+50 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.5 | 4.2 | | | | 0.5 | 0.3 |
| 247+00 | 3.6 | 4.7 | 8.3 | | | 0.6 | 0.0 | 0.6 | | |
| | | | | 0.5 | 8.0 | | | | 0.5 | 1.5 |
| 247+50 | 5.4 | 2.2 | 7.6 | | | 1.9 | 0.4 | 2.3 | | |
| | | | | 0.5 | 22.1 | | | | 0.5 | 11.5 |
| 248+00 | 18.9 | 17.6 | 36.5 | | | 7.2 | 13.4 | 20.6 | | |
| SUB-TOTALS = | | | | | 34.2 | | | | | 13.2 |
| T.R. 22 (YANKEETOWN RD.) | | | | | | | | | | |
| 7+40 | 0.0 | 0.0 | 0.0 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.1 | 0.1 | | | | 0.1 | 0.0 |
| 7+50 | 1.1 | 0.0 | 1.1 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.5 | 5.3 | | | | 0.5 | 0.0 |
| 8+00 | 9.1 | 0.3 | 9.4 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.02 | 0.9 | | | | 0.02 | 0.0 |
| 8+01.96 | 24.1 | 14.3 | 38.4 | | | 0.0 | 0.0 | 0.0 | | |
| | | | | 0.5 | 30.8 | | | | 0.5 | 0.2 |
| 8+50 | 29.3 | 22.8 | 52.1 | | | 0.0 | 0.4 | 0.4 | | |
| | | | | 0.5 | 71.7 | | | | 0.5 | 0.2 |
| 9+00 | 42.0 | 49.3 | 91.3 | | | 0.0 | 0.0 | 0.0 | | |
| SUB-TOTALS = | | | | | 108.7 | | | | | 0.4 |
| TOTALS = | | | | | 622.8 SQ FT | | | | | 349.0 SQ FT |
| | | | | | 1,163.3 CU YD | | | | | 646.3 SQ YD |

| EARTHWORK SCHEDULE (AROUND INTERSECTION RADII) | | | | | | | | | | |
|--|------|-------|-----------|------------------|-------------------------------|------|-------|------------|------------------|--------------------------------|
| LOCATION (STATION) | CUT | | TOTAL CUT | DISTANCE (X/100) | SUM OF END AREA (CUT) SQ. FT. | FILL | | TOTAL FILL | DISTANCE (X/100) | SUM OF END AREA (FILL) SQ. FT. |
| | LEFT | RIGHT | | | | LEFT | RIGHT | | | |
| IL RTE. 125/IL RTE. 123 INTERSECTION | | | | | | | | | | |
| NORTHEAST QUADRANT | | | | | | | | | | |
| 248+00 (IL RTE. 123) | 18.9 | | 18.9 | | | 7.2 | | 7.2 | | |
| | | | | 1.26 | 52.3 | | | | 1.26 | 17.5 |
| 162+50 (IL RTE. 125) | 22.6 | | 22.6 | | | 6.7 | | 6.7 | | |
| SOUTHEAST QUADRANT | | | | | | | | | | |
| 162+50 (IL RTE. 125) | | 19.0 | 19.0 | | | | 7.3 | 7.3 | | |
| | | | | 1.01 | 43.9 | | | | 1.01 | 7.4 |
| 9+00 (YANKEE TOWN ROAD) | | 24.5 | 24.5 | | | | 0.0 | 0.0 | | |
| NORTHWEST QUADRANT | | | | | | | | | | |
| 161+00 (IL RTE. 125) | 39.1 | | 39.1 | | | 1.0 | | 1.0 | | |
| | | | | 0.42 | 23.8 | | | | 0.42 | 6.0 |
| 248+00 (IL RTE. 123) | | 17.6 | 17.6 | | | | 13.4 | 13.4 | | |
| SOUTHWEST QUADRANT | | | | | | | | | | |
| 161+00 (IL RTE. 125) | | 11.9 | 11.9 | | | | 6.5 | 6.5 | | |
| | | | | 1.28 | 40.6 | | | | 1.28 | 8.3 |
| 9+00 (YANKEE TOWN ROAD) | | 19.8 | 19.8 | | | | 0.0 | 0 | | |
| TOTALS = | | | | | 160.6 SQ FT | | | | | 39.3 SQ FT |
| | | | | | 297.4 CU YD | | | | | 72.8 CU YD |

| EARTHWORK OVERALL TOTALS: | |
|---------------------------|---|
| CUT TOTALS = | 1,460.7 CU YDS |
| FILL TOTALS = | 719.1 CU YDS X 1.2 SHRINKAGE = 862.9 CU YDS |
| PAY ITEM: | EARTH EXCAVATION - 1,461 CU YDS |

NOTES:
 A 20% SHRINKAGE FACTOR IS USED FOR FILL MATERIAL:
 (719.1 CU YDS) X (1.20) = 862.9 CU YDS
 862.9 CU YDS IS NEEDED FOR COMPACTION
 PROPOSED PAVEMENT REMOVAL FOR YANKEE TOWN ROAD SHALL BE PAID FOR AS EARTH EXCAVATION. THE PAVEMENT MATERIAL (OIL/CHIP) SHALL NOT BE USED FOR PROPOSED FILL MATERIAL BUT SHALL BE HAULED OFF BY THE CONTRACTOR.