CONTRACT NO. 66607

EarthTech
A Tyco International Ltd. Company

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 786 | (109) BR | LASALLE | 351 | 160 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

## IL. RTE. 170 - END AREAS - STAGE 1 PHASE 1

Excavation volumes adjusted by 25% shrinkage factor

| STATION | Cut End Areas (sq. ft.) | Fill End Areas (sq. ft.) |
|---|---|---|
| | **IL. RTE. 170 (NORTH) - STAGE 1 PHASE 1** | |
| 69+82.89 | 0.07 | 22.63 |
| 70+00.00 | 0.00 | 169.43 |
| 70+83.74 | 0.00 | 1062.47 |
| 71+00.00 | 0.00 | 1161.42 |
| 71+64.00 | 0.00 | 1303.74 |
| 71+98.67 | 0.00 | 777.98 |
| 72+00.00 | 0.00 | 738.16 |
| 72+24.00 | 0.00 | 0.00 |
| | | |
| | **ACCESS DRIVEWAY - STAGE 1 PHASE 1** | |
| 1+50.00 | 0.00 | 71.88 |
| 1+91.88 | 0.00 | 149.40 |
| 2+00.00 | 0.00 | 129.26 |
| 2+15.42 | 0.00 | 93.09 |
| 2+94.22 | 0.00 | 104.56 |
| 3+00.00 | 0.00 | 107.71 |
| 3+55.00 | 0.00 | 83.39 |
| 4+00.00 | 0.00 | 82.82 |
| 4+61.84 | 0.00 | 25.16 |
| 5+00.00 | 0.00 | 25.08 |
| 5+41.10 | 0.00 | 18.48 |
| 6+00.00 | 0.00 | 33.28 |
| | | |
| | **IL. RTE. 170 (SOUTH) - STAGE 1 PHASE 1** | |
| 82+26.91 | 3.83 | 0 |
| 83+00.00 | 100.52 | 0 |
| 84+00.00 | 219.93 | 0 |
| 85+00.00 | 296.60 | 0 |
| 86+00.00 | 307.57 | 0 |
| 88+65.00 | 41.00 | 235 |
| 88+92.51 | 148.32 | 1461.3 |
| 88+97.51 | 148.32 | 1461.3 |
| 89+00.00 | 135.26 | 1444.45 |
| 89+06.76 | 90.87 | 1601.18 |
| 89+27.19 | 90.87 | 1601.18 |
| 90+00.00 | 0.00 | 1684.37 |
| 90+43.24 | 0.00 | 1767.15 |
| 91+00.00 | 5.30 | 891.73 |
| 92+00.00 | 28.91 | 541.58 |
| 93+00.00 | 59.55 | 178.4 |
| 94+00.00 | 98.39 | 103.25 |
| 95+00.00 | 0.00 | 29.61 |
| 96+00.00 | 3.57 | 32.44 |
| 96+50.00 | 1.07 | 77 |
| 96+85.00 | 11.15 | 38.52 |
| 97+00.00 | 9.83 | 27.41 |
| 97+49.49 | 44.22 | 0.45 |
| 97+73.55 | 39.32 | 0.32 |
| 98+00.00 | 95.74 | 0.35 |
| 99+00.00 | 48.81 | 0.62 |
| 100+00.00 | 0.00 | 0.84 |
| | | |
| | **DUPONT ROAD - STAGE 1 PHASE 1** | |
| 140+50.00 | 0.00 | 908.14 |
| 141+00.00 | 328.12 | 1980.72 |
| 142+00.00 | 63.78 | 2282.53 |
| 143+00.00 | 26.62 | 2179.72 |
| 143+45.87 | 0.49 | 1740.83 |
| 144+00.00 | 124.65 | 384.7 |
| 145+00.00 | 142.15 | 125.7 |
| 146+00.00 | 116.30 | 41.45 |
| 147+00.00 | 65.13 | 58.81 |
| 148+00.00 | 0.00 | 88.11 |
| 148+22.36 | 2.40 | 74.65 |
| 149+00.00 | 6.45 | 101.36 |
| 150+00.00 | 4.23 | 109.51 |
| 151+00.00 | 1.81 | 95.88 |
| 152+00.00 | 4.08 | 61.55 |
| 153+00.00 | 5.71 | 65.76 |
| 154+00.00 | 18.47 | 48.61 |
| 154+00.00 | 2.38 | 54.2 |
| 156+27.60 | 2.38 | 0 |
| | | |
| | **RIVER ROAD - STAGE 1 PHASE 1** | |
| 24+00.00 | 54.65 | 128.12 |
| 24+92.12 | 180.66 | 375.58 |
| 25+45.00 | 51.55 | 851.65 |
| TOTALS: | | |
| | **TEMPORARY DITCH (SOUTH) - STAGE 1 PHASE 1** | |
| | | |

## IL. RTE. 170 - END AREAS - STAGE 1 PHASE 2

Excavation volumes adjusted by 25% shrinkage factor

| STATION | Cut End Areas (sq. ft.) | Fill End Areas (sq. ft.) |
|---|---|---|
| | **IL. RTE. 170 (NORTH) - STAGE 1 PHASE 2** | |
| 62+41.06 | 0.00 | 0.67 |
| 63+47.38 | 6.30 | 1.87 |
| 64+34.45 | 21.56 | 0.63 |
| 65+00.00 | 30.29 | 0.61 |
| 65+65.91 | 34.65 | 1.99 |
| 66+00.00 | 41.84 | 0.57 |
| 66+57.73 | 18.44 | 1.89 |
| 67+00.00 | 15.13 | 13.16 |
| 67+13.32 | 5.47 | 11.27 |
| 67+62.59 | 6.21 | 44.70 |
| 68+00.00 | 13.21 | 72.05 |
| 68+40.00 | 11.20 | 222.84 |
| 68+98.37 | 3.85 | 352.01 |
| 69+00.00 | 3.78 | 352.03 |
| 69+82.89 | 3.76 | 592.78 |
| 70+00.00 | 2.85 | 445.92 |
| 70+83.74 | 1.04 | 219.81 |
| 71+00.00 | 1.00 | 187.44 |
| 71+64.00 | 0.44 | 50.14 |
| 71+98.67 | 0.36 | 0.00 |
| | | |
| | **DUPONT ROAD - STAGE 1 PHASE 2** | |
| 149+00.00 | 0.00 | 69.81 |
| 150+00.00 | 0.00 | 72.12 |
| 151+00.00 | 0.00 | 35.41 |
| 152+00.00 | 0.00 | 33.11 |
| 153+00.00 | 0.00 | 18.11 |
| 154+00.00 | 10.21 | 0.00 |

## IL. RTE. 170 - END AREAS - STAGE 2 PHASE 1

Excavation volumes adjusted by 25% shrinkage factor

| STATION | Cut End Areas (sq. ft.) | Fill End Areas (sq. ft.) |
|---|---|---|
| | **IL. RTE. 170 (NORTH) - STAGE 2 PHASE 1** | |
| 64+34.45 | 26.21 | 0.00 |
| 65+00.00 | 29.17 | 0.00 |
| 65+65.91 | 29.50 | 0.00 |
| | | |
| | **IL. RTE. 170 (SOUTH) - STAGE 2 PHASE 1** | |
| 89+00.00 | 73.59 | 166.25 |
| 89+27.19 | 66.62 | 248.95 |
| 90+00.00 | 35.78 | 362.00 |
| 90+43.24 | 13.43 | 421.93 |
| 91+00.00 | 19.55 | 151.69 |
| 92+00.00 | 11.14 | 178.50 |
| 93+00.00 | 20.93 | 232.26 |
| 94+00.00 | 16.90 | 110.26 |
| 95+00.00 | 1.95 | 64.99 |
| 96+00.00 | 19.53 | 15.82 |
| 96+50.00 | 12.92 | 0.00 |
| 96+85.00 | 24.64 | 0.00 |
| 97+00.00 | 21.63 | 0.00 |
| 97+49.49 | 16.77 | 1.68 |
| | | |
| | **DUPONT ROAD - STAGE 2 PHASE 1** | |
| 148+00.00 | 13.15 | 84.12 |
| 148+22.36 | 18.71 | 76.89 |
| 149+00.00 | 22.95 | 0.22 |
| 150+00.00 | 17.60 | 1.51 |
| 151+00.00 | 19.78 | 72.18 |
| 152+00.00 | 20.48 | 16.09 |
| 153+00.00 | 45.65 | 10.59 |
| 154+00.00 | 58.78 | 3.20 |
| 154+00.00 | 52.50 | 2.38 |
| 156+27.60 | 0.00 | 2.38 |
| | | |
| | **RIVER ROAD - STAGE 2 PHASE 1** | |
| 17+50.00 | 11.18 | 0.00 |
| 18+00.00 | 19.26 | 17.77 |
| 18+50.00 | 32.15 | 70.41 |
| 19+00.00 | 669.00 | 1.40 |
| 19+25.92 | 769.35 | 0.77 |
| 19+40.00 | 716.87 | 3.69 |
| 19+50.00 | 535.01 | 1.17 |
| 20+00.00 | 919.34 | 0.53 |
| 20+50.00 | 114.35 | 0.97 |
| 21+00.00 | 18.57 | 13.50 |
| 21+15.00 | 15.79 | 30.72 |
| 22+00.00 | 9.02 | 149.55 |
| 23+00.00 | 8.93 | 227.26 |
| 23+80.00 | 11.65 | 208.32 |
| 24+00.00 | 3.90 | 0.70 |

## IL. RTE. 170 - END AREAS - STAGE 2 PHASE 2

Excavation volumes adjusted by 25% shrinkage factor

| STATION | Cut End Areas (sq. ft.) | Fill End Areas (sq. ft.) |
|---|---|---|
| | **IL. RTE. 170 (NORTH) - STAGE 2 PHASE 2** | |
| 62+41.06 | 0.30 | 0.47 |
| 63+47.38 | 0.00 | 6.21 |
| 64+34.45 | 0.70 | 10.41 |
| 65+00.00 | 0.28 | 13.13 |
| 65+65.91 | 2.01 | 3.21 |
| 66+00.00 | 2.18 | 14.34 |
| 66+57.73 | 0.64 | 32.92 |
| 67+00.00 | 1.37 | 38.17 |
| 67+13.32 | 1.36 | 46.57 |
| 67+62.59 | 0.28 | 47.43 |
| 68+00.00 | 0.81 | 127.28 |
| 68+40.00 | 0.67 | 56.25 |
| 68+98.37 | 6.12 | 347.61 |
| 69+00.00 | 6.92 | 307.93 |
| 69+82.89 | 0.00 | 154.44 |
| 70+00.00 | 0.00 | 161.69 |
| 70+83.74 | 0.00 | 257.20 |
| 71+00.00 | 0.00 | 272.83 |
| 71+64.00 | 0.52 | 173.45 |
| 71+80.67 | 0.00 | 239.45 |
| 71+93.67 | 0.00 | 10.13 |
| 71+98.67 | 160.87 | 10.13 |
| 72+00.00 | 180.90 | 20.79 |
| 72+24.00 | 415.00 | 122.00 |
| 72+50.00 | 63.58 | 0.00 |
| | | |
| | **IL. RTE. 170 (NORTH - UNDER BRIDGE) - STAGE 2 PHASE 2** | |
| 72+50.00 | | |
| 73+00.00 | | |
| 73+50.00 | | |
| 74+00.00 | | |
| 74+50.00 | | |
| 75+00.00 | | |
| 75+50.00 | | |
| 76+00.00 | | |
| 76+50.00 | | |
| | | |
| | **ACCESS DRIVEWAY - STAGE 2 PHASE 2** | |
| 1+50.00 | 0.49 | 77.34 |
| 1+91.88 | 0.64 | 41.02 |
| 2+00.00 | 0.66 | 32.02 |
| 2+15.42 | 2.42 | 19.91 |
| 2+94.22 | 0.39 | 16.42 |
| 3+00.00 | 0.87 | 11.51 |
| 3+55.00 | 0.79 | 9.69 |
| 4+00.00 | 3.05 | 14.57 |
| 4+61.84 | 25.48 | 1.49 |
| | | |
| | **RIVER ROAD - STAGE 2 PHASE 2** | |
| 17+50.00 | 11.34 | 0.00 |
| 18+00.00 | 12.05 | 1.68 |
| 18+50.00 | 12.57 | 5.57 |
| 19+00.00 | 19.60 | 21.65 |
| 19+25.92 | 39.16 | 18.65 |
| 19+40.00 | 107.67 | 3.42 |
| 19+50.00 | 116.16 | 1.50 |
| 20+00.00 | 119.87 | 4.09 |
| 20+50.00 | 17.88 | 4.79 |
| 21+00.00 | 0.00 | 32.81 |
| 21+15.00 | 6.64 | 87.46 |
| 22+00.00 | 127.12 | 64.57 |
| 23+00.00 | 71.37 | 31.29 |
| 23+80.00 | 57.53 | 9.38 |
| 24+00.00 | 2.97 | 3.57 |
| | | |
| | **IL. RTE. 170 (SOUTH) - STAGE 2 PHASE 2** | |
| 94+00.00 | 2.76 | 0.00 |
| 95+00.00 | 8.91 | 0.88 |
| 96+00.00 | 4.09 | 6.25 |
| 96+50.00 | 6.41 | 0.00 |
| 96+85.00 | 7.89 | 0.34 |
| 97+00.00 | 7.86 | 0.00 |
| 97+49.49 | 7.93 | 0.00 |

## IL. RTE. 170 - END AREAS - STAGE 3 PHASE 1

Excavation volumes adjusted by 25% shrinkage factor

| STATION | Cut End Areas (sq. ft.) | Fill End Areas (sq. ft.) |
|---|---|---|
| | **IL. RTE. 170 (NORTH) - STAGE 3 PHASE 1** | |
| 63+47.38 | 0.45 | 0.00 |
| 64+34.45 | 2.55 | 1.63 |
| 65+00.00 | 2.62 | 3.97 |
| 65+65.91 | 2.50 | 15.02 |
| 66+00.00 | 1.08 | 15.49 |
| 66+57.73 | 2.04 | 2.11 |
| 67+00.00 | 0.19 | 18.25 |
| 67+13.32 | 3.72 | 4.94 |
| 67+62.59 | 19.12 | 3.63 |
| 68+00.00 | 23.36 | 3.62 |
| 68+40.00 | 23.52 | 3.62 |
| 68+98.37 | 10.78 | 6.69 |
| 69+00.00 | 10.25 | 6.85 |
| 69+82.89 | 9.94 | 18.68 |
| 70+00.00 | 9.87 | 80.11 |
| 70+83.74 | 8.77 | 99.22 |
| 71+00.00 | 7.49 | 116.56 |
| 71+64.00 | 14.95 | 188.87 |
| 71+80.67 | 0.00 | 216.57 |
| 71+93.67 | 0.00 | 80.22 |
| 71+98.67 | 18.90 | 80.22 |
| 72+00.00 | 18.88 | 0.00 |
| | | |
| | **IL. RTE. 170 (SOUTH) - STAGE 3 PHASE 1** | |
| 82+26.91 | 10.71 | 0 |
| 83+00.00 | 67.36 | 0 |
| 84+00.00 | 77.97 | 0 |
| 85+00.00 | 140.38 | 0 |
| 86+00.00 | 320.01 | 0 |
| 87+00.00 | 587.90 | 0 |
| 88+65.00 | 117.00 | 0.00 |
| 88+92.51 | 75.56 | 147.32 |
| 94+00.00 | 35.34 | 10.19 |
| 95+00.00 | 82.17 | 6.00 |
| 96+00.00 | 121.83 | 8.04 |
| 96+50.00 | 49.08 | 4.11 |
| 96+85.00 | 53.06 | 5.78 |
| 97+00.00 | 40.27 | 6.13 |
| 97+49.49 | 2.51 | 24.31 |
| 97+73.55 | 1.87 | 25.06 |
| 98+00.00 | 1.51 | 47.41 |
| 99+00.00 | 1.51 | 32.86 |
| 100+00.00 | 1.17 | 0.00 |
| | | |
| | **TEMPORARY DITCH (SOUTH) - STAGE 3 PHASE 1** | |
| | | |

| REVISIONS NAME | DATE |
|---|---|
| | |
| | |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

# MOT CROSS-SECTIONS EARTHWORK END AREAS

SCALE: N.T.S.
DRAWN BY REB
DATE OCTOBER, 2007
CHECKED BY MXF

PLOT DATE = Oct. 29, 2007 - 11:01:26 AM
FILE NAME = c:\projects\ep5782\consult\phase 2\usecourfull1.dgn
PLOT SCALE = 1.0000 '/ IN.
USER NAME = schwarkrg