

EARTHWORK SUMMARY

| ① | ② | ③ | ④ | ⑤ | ⑥ |
|----------------------|-----------------------------|--|---|-----------------------|---|
| STATION TO STATION | EARTH EXCAVATION CUBIC YARD | REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL CUBIC YARD | EXCAVATION FOR EMBANKMENT (ADJUSTED FOR SHRINKAGE) CUBIC YARD | EMBANKMENT CUBIC YARD | FURNISHED EXCAVATION EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) CUBIC YARD |
| MAPLE/CHICAGO AVENUE | | | | | |
| 23+00.00 23+50.00 | 64.6 | 13.9 | 54.9 | 6.1 | 48.8 |
| 23+50.00 24+00.00 | 78.8 | 10.0 | 67.0 | 4.8 | 62.2 |
| 24+00.00 24+19.41 | 68.1 | 1.0 | 57.9 | 1.3 | 56.6 |
| 24+19.41 24+50.00 | 117.2 | 2.0 | 99.6 | 0.3 | 99.4 |
| 24+50.00 25+00.00 | 129.9 | 12.8 | 110.4 | 3.1 | 107.3 |
| 25+00.00 25+16.82 | 50.1 | 5.6 | 42.6 | 2.1 | 40.5 |
| 25+16.82 25+29.34 | 40.5 | 3.2 | 34.4 | 1.2 | 33.3 |
| 25+29.34 25+50.00 | 69.8 | 6.2 | 59.3 | 1.9 | 57.4 |
| 25+50.00 25+87.82 | 130.7 | 11.2 | 111.1 | 3.2 | 107.8 |
| 25+87.82 26+00.00 | 42.1 | 3.3 | 35.8 | 0.7 | 35.1 |
| 26+00.00 26+37.28 | 129.5 | 7.6 | 110.1 | 2.4 | 107.7 |
| 26+37.28 26+50.00 | 42.6 | 2.9 | 36.2 | 2.8 | 33.4 |
| 26+50.00 26+72.94 | 71.1 | 4.1 | 60.4 | 4.6 | 55.8 |
| 26+72.94 26+75.40 | 8.0 | 0.0 | 6.8 | 0.0 | 6.8 |
| 26+75.40 27+00.00 | 69.0 | 3.4 | 58.7 | 3.5 | 55.2 |
| 27+00.00 27+39.65 | 92.3 | 41.3 | 78.4 | 517.1 | -438.7 |
| 27+39.65 27+50.00 | 22.8 | 10.2 | 19.4 | 134.4 | -115.0 |
| 27+50.00 27+52.37 | 5.0 | 0.3 | 4.2 | 0.3 | 3.9 |
| 27+52.37 27+61.32 | 19.5 | 1.3 | 16.6 | 0.7 | 16.0 |
| 27+61.32 27+80.42 | 39.6 | 2.9 | 33.6 | 0.9 | 32.7 |
| 27+80.42 28+00.00 | 32.1 | 4.1 | 27.3 | 2.0 | 25.2 |
| 28+00.00 28+45.21 | 51.7 | 6.1 | 44.0 | 3.2 | 40.7 |
| 28+45.21 28+50.00 | 4.2 | 0.0 | 3.6 | 0.0 | 3.6 |
| 28+50.00 28+80.00 | 26.3 | 2.7 | 22.4 | 6.9 | 15.5 |
| 28+80.00 29+00.00 | 12.5 | 4.2 | 10.6 | 12.0 | -1.4 |
| 29+00.00 29+47.29 | 23.4 | 9.7 | 19.9 | 35.2 | -15.4 |
| 29+47.29 29+50.00 | 1.6 | 0.5 | 1.3 | 2.1 | -0.7 |
| 29+50.00 29+79.52 | 15.6 | 3.7 | 13.3 | 15.7 | -2.4 |
| 29+79.52 30+00.00 | 10.4 | 3.0 | 8.8 | 10.0 | -1.2 |
| 30+00.00 30+15.82 | 7.6 | 2.9 | 6.5 | 7.7 | -1.2 |
| 30+15.82 30+50.00 | 24.3 | 8.6 | 20.6 | 13.7 | 7.0 |
| 30+50.00 30+77.27 | 23.8 | 6.7 | 20.3 | 8.8 | 11.5 |
| 30+77.27 30+90.59 | 11.9 | 1.2 | 10.1 | 2.5 | 7.6 |
| 30+90.59 31+00.00 | 6.8 | 1.2 | 5.8 | 3.3 | 2.5 |
| 31+00.00 31+50.00 | 22.6 | 6.8 | 19.2 | 22.6 | -3.4 |
| 31+50.00 31+50.42 | 0.2 | 0.0 | 0.2 | 0.2 | 0.0 |
| 31+50.42 31+86.77 | 17.6 | 3.5 | 14.9 | 17.8 | -2.9 |
| 31+86.77 32+00.00 | 6.6 | 1.7 | 5.6 | 6.9 | -1.3 |
| 32+00.00 32+09.41 | 4.3 | 0.6 | 3.7 | 3.9 | -0.3 |

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| 32+09.41 32+50.00 | 14.0 | 5.2 | 11.9 | 33.2 | -21.2 |
| 32+50.00 33+00.00 | 14.3 | 13.4 | 12.1 | 65.5 | -53.4 |
| 33+00.00 33+43.95 | 23.5 | 6.1 | 20.0 | 44.6 | -24.6 |
| 33+43.95 33+50.00 | 2.2 | 0.0 | 1.9 | 3.7 | -1.9 |
| 33+50.00 34+00.00 | 7.0 | 7.3 | 5.9 | 40.5 | -34.6 |
| 34+00.00 34+50.00 | 15.9 | 11.0 | 13.5 | 43.6 | -30.0 |
| 34+50.00 34+53.65 | 1.3 | 0.5 | 1.1 | 2.2 | -1.1 |
| 34+53.65 35+00.00 | 17.6 | 7.9 | 15.0 | 32.5 | -17.5 |
| 35+00.00 35+12.91 | 6.2 | 1.3 | 5.3 | 6.0 | -0.7 |
| 35+12.91 35+22.90 | 5.9 | 0.2 | 5.0 | 1.0 | 4.0 |
| 35+22.90 35+50.00 | 19.3 | 5.8 | 16.4 | 8.0 | 8.4 |
| 35+50.00 35+73.14 | 17.4 | 5.1 | 14.8 | 8.7 | 6.1 |
| 35+73.14 36+00.00 | 22.4 | 2.0 | 19.1 | 9.4 | 9.6 |
| 36+00.00 36+07.00 | 7.1 | 0.7 | 6.1 | 3.0 | 3.1 |
| 36+07.00 36+50.00 | 52.7 | 4.4 | 44.8 | 12.0 | 32.8 |
| 36+50.00 36+55.38 | 7.6 | 0.6 | 6.4 | 0.9 | 5.6 |
| 36+55.38 36+66.47 | 17.2 | 1.7 | 14.6 | 0.9 | 13.7 |
| 36+66.47 37+00.00 | 54.6 | 8.0 | 46.4 | 1.2 | 45.2 |
| 37+00.00 37+50.00 | 85.3 | 10.8 | 72.5 | 2.7 | 69.8 |
| 37+50.00 37+88.82 | 86.7 | 3.1 | 73.7 | 0.8 | 72.9 |
| 37+88.82 38+00.00 | 22.6 | 0.4 | 19.2 | 0.0 | 19.2 |
| 38+00.00 38+50.00 | 68.2 | 5.0 | 58.0 | 3.2 | 54.8 |
| 38+50.00 39+00.00 | 56.7 | 9.0 | 48.2 | 7.2 | 41.0 |
| 39+00.00 39+18.34 | 16.9 | 3.4 | 14.4 | 2.4 | 12.0 |
| 39+18.34 39+50.00 | 25.0 | 5.3 | 21.3 | 7.2 | 14.1 |
| 39+50.00 39+77.65 | 17.8 | 4.4 | 15.2 | 6.2 | 8.9 |
| 39+77.65 39+92.71 | 8.0 | 1.4 | 6.8 | 3.4 | 3.4 |
| 39+92.71 40+00.00 | 3.3 | 0.6 | 2.8 | 2.7 | 0.1 |
| 40+00.00 40+40.00 | 25.3 | 4.3 | 21.5 | 14.9 | 6.6 |
| 40+40.00 40+50.00 | 8.8 | 1.1 | 7.4 | 3.2 | 4.2 |
| 40+50.00 41+00.00 | 62.5 | 5.8 | 53.1 | 9.1 | 44.0 |
| 41+00.00 41+50.00 | 114.1 | 6.9 | 97.0 | 2.6 | 94.5 |
| 41+50.00 42+00.00 | 226.8 | 3.9 | 192.7 | 0.4 | 192.3 |
| 42+00.00 42+50.00 | 246.8 | 3.4 | 209.8 | 0.7 | 209.1 |
| 42+50.00 42+98.16 | 181.0 | 5.3 | 153.9 | 1.9 | 151.9 |
| 42+98.16 43+00.00 | 6.9 | 0.2 | 5.8 | 0.1 | 5.7 |
| 43+00.00 43+50.00 | 165.3 | 3.6 | 140.5 | 2.9 | 137.6 |
| 43+50.00 43+65.47 | 46.0 | 1.2 | 39.1 | 0.6 | 38.6 |
| 43+65.47 44+00.00 | 93.0 | 6.5 | 79.0 | 5.9 | 73.1 |
| 44+00.00 44+20.66 | 47.6 | 4.6 | 40.4 | 5.7 | 34.7 |

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| 44+20.66 44+50.00 | 61.8 | 5.7 | 52.5 | 6.6 | 45.9 |
| 44+50.00 44+79.96 | 56.4 | 6.2 | 47.9 | 6.7 | 41.2 |
| 44+79.96 45+00.00 | 32.8 | 5.2 | 27.9 | 6.7 | 21.2 |
| 45+00.00 45+38.72 | 52.5 | 10.0 | 44.6 | 13.8 | 30.9 |
| 45+38.72 45+50.00 | 14.0 | 2.7 | 11.9 | 3.2 | 8.7 |
| 45+50.00 45+88.00 | 34.8 | 7.2 | 29.6 | 9.4 | 20.1 |
| 45+88.00 46+00.00 | 6.2 | 1.4 | 5.2 | 5.3 | -0.1 |
| 46+00.00 46+01.74 | 0.6 | 0.3 | 0.5 | 1.3 | -0.8 |
| 46+01.74 46+50.00 | 14.2 | 8.3 | 12.0 | 48.8 | -36.8 |
| 46+50.00 46+55.75 | 1.5 | 0.8 | 1.3 | 7.2 | -5.9 |
| 46+55.75 46+98.22 | 10.6 | 6.6 | 9.0 | 59.9 | -50.9 |
| 46+98.22 47+00.00 | 0.4 | 0.3 | 0.3 | 2.8 | -2.5 |
| 47+00.00 47+18.24 | 4.7 | 2.6 | 4.0 | 27.9 | -23.9 |
| 47+18.24 47+41.54 | 6.6 | 2.8 | 5.6 | 40.0 | -34.4 |
| 47+41.54 47+50.00 | 2.1 | 1.0 | 1.8 | 16.5 | -14.7 |
| 47+50.00 47+82.10 | 9.6 | 3.6 | 8.2 | 66.3 | -58.1 |
| 47+82.10 48+00.00 | 4.6 | 1.6 | 3.9 | 42.9 | -39.1 |
| 48+00.00 48+02.42 | 0.4 | 0.2 | 0.3 | 6.4 | -6.0 |
| 48+02.42 48+17.20 | 3.4 | 1.5 | 2.9 | 33.5 | -30.6 |
| 48+17.20 48+41.93 | 11.1 | 1.6 | 9.4 | 42.1 | -32.7 |
| 48+41.93 48+49.74 | 4.2 | 0.8 | 3.6 | 11.2 | -7.6 |
| 48+49.74 48+50.00 | 0.1 | 0.1 | 0.1 | 0.4 | -0.2 |
| 48+50.00 49+00.00 | 22.2 | 10.7 | 18.9 | 65.1 | -46.2 |
| 49+00.00 49+24.57 | 10.9 | 4.2 | 9.2 | 24.9 | -15.7 |
| 49+24.57 49+50.00 | 14.0 | 3.7 | 11.9 | 20.7 | -8.8 |
| 49+50.00 49+96.00 | 39.3 | 3.8 | 33.4 | 22.3 | 11.1 |
| STA EOU 49+96.00 BK = 50+00.00 AH | | | | | |
| 75+00.00 75+10.27 | 16.1 | 0.3 | 13.7 | 1.2 | 12.5 |
| 75+10.27 75+50.00 | 73.6 | 0.7 | 62.5 | 1.4 | 61.1 |
| 75+50.00 76+00.00 | 97.9 | 1.3 | 83.2 | 1.2 | 82.0 |
| 76+00.00 76+50.00 | 89.3 | 0.4 | 75.9 | 0.0 | 75.9 |
| 76+50.00 76+66.02 | 26.3 | 0.0 | 22.3 | 0.0 | 22.3 |
| 76+66.02 77+00.00 | 48.9 | 1.7 | 41.5 | 0.1 | 41.5 |
| 77+00.00 77+50.00 | 54.0 | 6.9 | 45.9 | 5.3 | 40.6 |
| 77+50.00 77+75.00 | 17.0 | 4.3 | 14.4 | 4.3 | 10.1 |
| 77+75.00 78+00.00 | 18.6 | 3.8 | 15.8 | 4.8 | 11.0 |
| 78+00.00 78+06.75 | 7.2 | 0.4 | 6.1 | 0.9 | 5.2 |
| 78+06.75 78+50.00 | 34.4 | 0.0 | 29.2 | 2.3 | 27.0 |
| 78+50.00 78+50.22 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 |
| 78+50.22 79+00.00 | 20.4 | 4.2 | 17.3 | 6.1 | 11.3 |

SHRINKAGE FACTOR: 15%

COLUMN 1, 2 & 5 LOCATIONS AND QUANTITIES FROM CROSS SECTIONS

CUT = EARTH EXCAVATION FILL = EMBANKMENT

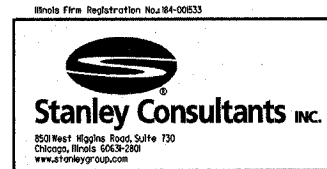
COLUMN 3 - QUANTITY FOR TOPSOIL STRIPPING

COLUMN 4 - QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 15%

COLUMN 6 - EARTHWORK REQUIRED. (-) = QUANTITY OF FILL OR EMBANKMENT (FURNISH EXCAVATION)

(+) = QUANTITY TO BE WASTED

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

SCHEDULE OF QUANTITIES
MAPLE AVENUE / CHICAGO AVENUE

SCALE: NONE DRAWN BY: E.D.
DATE: 08-FEB-2005 CHECKED BY: G.T.