

SCHEDULE OF QUANTITIES EARTHWORK SCHEDULE

| WALKUP ROAD STATION TO STATION | EARTH EXCAVATION | | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (TOPSOIL & UNDERCUT) | | EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) | | EMBANKMENT | | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) | | POROUS GRANULAR EMBANKMENT SUBGRADE | | |
|-----------------------------------|------------------|--------------|--|--------------|---|--------------|-------------|--------------|---|--------------|-------------------------------------|--------------|--------|
| | STAGE I CYD | STAGE II CYD | STAGE I CYD | STAGE II CYD | STAGE I CYD | STAGE II CYD | STAGE I CYD | STAGE II CYD | STAGE I CYD | STAGE II CYD | STAGE I CYD | STAGE II CYD | |
| 199+00.00 | 200+00.00 | 23.9 | 20.2 | 37.3 | 39.0 | 20.3 | 17.2 | 29.8 | 59.1 | -9.5 | -41.9 | 27.4 | 26.4 |
| 200+00.00 | 201+00.00 | 20.5 | 23.4 | 76.8 | 60.5 | 17.5 | 19.9 | 40.7 | 29.1 | -23.2 | -9.2 | 52.5 | 45.0 |
| 201+00.00 | 202+00.00 | 43.8 | 30.0 | 84.6 | 76.2 | 37.3 | 25.5 | 42.8 | 59.9 | -5.5 | -34.4 | 50.5 | 43.2 |
| 202+00.00 | 203+00.00 | 67.1 | 22.4 | 66.2 | 48.5 | 57.0 | 19.1 | 36.2 | 45.7 | 20.8 | -26.7 | 25.4 | 20.3 |
| 203+00.00 | 204+00.00 | 49.0 | 21.4 | 38.1 | 26.2 | 41.7 | 18.2 | 42.9 | 13.1 | -1.2 | 5.1 | 0.0 | 0.0 |
| 204+00.00 | 205+00.00 | 31.4 | 52.6 | 31.7 | 25.5 | 26.6 | 44.7 | 45.8 | 4.9 | -19.1 | 39.8 | 0.0 | 0.0 |
| 205+00.00 | 206+00.00 | 31.5 | 74.0 | 29.3 | 15.8 | 26.8 | 62.9 | 46.0 | 4.8 | -19.2 | 58.1 | 0.0 | 0.0 |
| 206+00.00 | 207+00.00 | 44.5 | 56.2 | 31.7 | 14.2 | 37.8 | 47.8 | 44.9 | 6.8 | -7.1 | 41.0 | 0.0 | 0.0 |
| 207+00.00 | 208+00.00 | 40.7 | 29.4 | 29.9 | 8.4 | 34.6 | 25.0 | 51.1 | 4.3 | -16.5 | 20.7 | 0.0 | 0.0 |
| 208+00.00 | 209+00.00 | 30.1 | 14.7 | 30.9 | 2.7 | 25.6 | 12.5 | 42.5 | 4.9 | -16.9 | 7.6 | 0.0 | 0.0 |
| 209+00.00 | 210+00.00 | 31.5 | 11.7 | 32.2 | 10.3 | 26.7 | 9.9 | 30.1 | 22.0 | -3.3 | -12.0 | 0.0 | 0.0 |
| 210+00.00 | 211+00.00 | 22.4 | 28.9 | 24.9 | 36.3 | 19.0 | 24.6 | 39.4 | 100.7 | -20.3 | -76.1 | 0.0 | 0.0 |
| 211+00.00 | 212+00.00 | 10.4 | 47.3 | 16.6 | 58.1 | 8.8 | 40.2 | 31.5 | 117.1 | -22.7 | -76.9 | 0.0 | 0.0 |
| 212+00.00 | 213+00.00 | 5.9 | 31.8 | 9.8 | 52.7 | 5.0 | 27.0 | 16.5 | 72.1 | -11.5 | -45.0 | 0.0 | 0.0 |
| 213+00.00 | 214+00.00 | 11.1 | 10.5 | 10.8 | 45.3 | 9.5 | 8.9 | 22.0 | 103.1 | -12.5 | -94.2 | 0.0 | 0.0 |
| 214+00.00 | 215+00.00 | 11.1 | 12.3 | 11.1 | 40.8 | 9.4 | 10.4 | 25.0 | 102.2 | -15.6 | -91.8 | 0.0 | 0.0 |
| 215+00.00 | 216+00.00 | 23.2 | 18.8 | 8.1 | 28.1 | 19.8 | 16.0 | 14.6 | 54.3 | 5.2 | -38.3 | 0.0 | 0.0 |
| 216+00.00 | 217+00.00 | 20.5 | 39.8 | 3.6 | 27.0 | 17.5 | 33.8 | 3.9 | 33.5 | 13.5 | 0.3 | 0.0 | 0.0 |
| 217+00.00 | 218+00.00 | 2.6 | 52.1 | 7.1 | 38.5 | 2.2 | 44.3 | 5.9 | 42.8 | -3.6 | 1.5 | 0.0 | 0.0 |
| 218+00.00 | 219+00.00 | 5.3 | 40.4 | 9.6 | 39.1 | 4.5 | 34.3 | 11.0 | 52.1 | -6.5 | -17.8 | 0.0 | 0.0 |
| 219+00.00 | 220+00.00 | 5.5 | 27.8 | 3.7 | 42.6 | 4.7 | 23.7 | 8.6 | 63.8 | -3.9 | -40.2 | 0.0 | 0.0 |
| 220+00.00 | 221+00.00 | 5.6 | 28.6 | 11.7 | 69.3 | 4.8 | 24.3 | 6.5 | 62.2 | -1.7 | -37.9 | 8.6 | 23.0 |
| 221+00.00 | 222+00.00 | 8.3 | 27.1 | 27.4 | 73.0 | 7.0 | 23.0 | 11.9 | 32.7 | -4.8 | -9.7 | 17.1 | 44.4 |
| 222+00.00 | 223+00.00 | 14.0 | 25.1 | 44.3 | 57.1 | 11.9 | 21.4 | 50.4 | 24.3 | -38.5 | -2.9 | 22.7 | 45.4 |
| 223+00.00 | 224+00.00 | 17.8 | 45.8 | 42.3 | 45.7 | 15.2 | 38.9 | 81.7 | 33.6 | -66.6 | 5.2 | 14.1 | 24.0 |
| 224+00.00 | 225+00.00 | 18.3 | 56.8 | 31.5 | 32.9 | 15.5 | 48.3 | 83.5 | 38.1 | -68.0 | 10.2 | 0.0 | 0.0 |
| 225+00.00 | 226+00.00 | 13.6 | 32.9 | 16.7 | 16.3 | 11.6 | 27.9 | 43.7 | 20.7 | -32.1 | 7.3 | 0.0 | 0.0 |
| 226+00.00 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| STAGE TOTALS | | 8663.6 | 4091.4 | 7712.3 | 4881.5 | 7364.0 | 3477.7 | 10802.3 | 5612.1 | -3438.3 | -2134.4 | 1309.8 | 1560.1 |
| TOTALS | | | 12755.0 | | 12593.8 | | 10841.7 | | 16414.4 | | -5572.7 | | 2869.9 |
| ADJUSTMENTS (SEE NOTE 1) | | | 0 | | 347.0 | | 0 | | 137.0 | | -137.0 | | 347.0 |
| CONTRACT TOTALS | | | 12755.0 | | 12940.8 | | 10841.7 | | 16551.4 | | -5709.7 | | 3216.9 |

NOTE:

1. THE CALCULATED QUANTITIES FOR REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL AND POROUS GRANULAR EMBANKMENT, SUBGRADE HAVE BEEN INCREASED TO ALLOW FOR A 12" UNDERCUT OVER 5% OF THE NEW PAVEMENT AREAS TO ACCOUNT FOR LOCALIZED AREAS OF FROST-SUSCEPTIBLE SOILS AND VARIATIONS IN FIELD CONDITIONS.

EMBANKMENT ADJUSTED TO ALLOW FOR ANTICIPATED 4" SETTLEMENT FROM STA. 114+00 TO STA. 122+00.

ESTIMATED UNDERCUT

| LOCATION | FR STA | TO STA | DEPTH |
|----------|--------|--------|-------|
| WALKUP | 133+50 | 136+50 | 18" |
| WALKUP | 145+50 | 148+50 | 12" |
| WALKUP | 148+50 | 151+50 | 12" |
| WALKUP | 157+50 | 160+50 | 12" |
| WALKUP | 166+50 | 169+50 | 18" |
| WALKUP | 172+50 | 175+50 | 12" |

| LOCATION | FR STA | TO STA | DEPTH |
|----------|--------|--------|-------|
| WALKUP | 190+50 | 193+50 | 12" |
| WALKUP | 194+00 | 197+00 | 12" |
| WALKUP | 199+50 | 202+50 | 18" |
| WALKUP | 220+50 | 223+50 | 18" |

| REVISIONS | |
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| NAME | DATE |
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MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

SCHEDULE OF QUANTITIES 5 OF 5

SCALE: N.T.S. DRAWN BY: MZD

DATE: 12/01/09 CHECKED BY: MCD

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
209 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-5000

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