

| LOCATION                                  | EARTH EXCAVATION |            | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE |             | EMBANKMENT |       | BALANCE WASTE (+) OR SHORTAGE (-) |       |
|---|------------------|------------|---|-------------|------------|-------|-----------------------------------|-------|
|   | CU YD            | CU YD      | CU YD                                   | CU YD       | CU YD      | CU YD | CU YD                             | CU YD |
| <b>STAGE I</b>                            |                  |            |   |             |            |       |                                   |       |
| STA 67+65.00 TO STA 69+37.75              | 22               | 16         | 77                                      | -61         |            |       |                                   |       |
| STA 69+90.25 TO STA 71+60.00              | 21               | 16         | 20                                      | -4          |            |       |                                   |       |
| STA 69+37.75 TO STA 69+90.25              | 0                | 0          | 8                                       | -8          |            |       |                                   |       |
| <b>STAGE I TOTAL</b>                      | <b>43</b>        | <b>32</b>  | <b>105</b>                              | <b>-73</b>  |            |       |                                   |       |
| <b>STAGE II</b>                           |                  |            |   |             |            |       |                                   |       |
| STA 67+65.00 TO STA 69+37.75              | 18               | 14         | 71                                      | -57         |            |       |                                   |       |
| STA 69+90.25 TO STA 71+60.00              | 86               | 65         | 32                                      | +33         |            |       |                                   |       |
| STA 69+37.75 TO STA 69+90.25              | 0                | 0          | 8                                       | -8          |            |       |                                   |       |
| <b>STAGE II TOTAL</b>                     | <b>104</b>       | <b>79</b>  | <b>111</b>                              | <b>-32</b>  |            |       |                                   |       |
| <b>EARTH EXCAVATION (TOTAL) = 150</b>     | <b>147</b>       | <b>111</b> | <b>216</b>                              | <b>-105</b> |            |       |                                   |       |
| <b>FURNISHED EXCAVATION (TOTAL) = 105</b> |                  |            |   |             |            |       |                                   |       |
| <b>SHRINKAGE FACTOR = 25%</b>             |                  |            |   |             |            |       |                                   |       |

| LOCATION                             | FOOT       |
|--------------------------------------|------------|
| STA 67+65 18' LT TO STA 68+00 18' LT | 35         |
| STA 68+00 18' LT TO STA 68+91 55' LT | 99         |
| STA 69+74 55' LT TO STA 69+86 45' LT | 15         |
| STA 67+65 18' RT TO STA 68+07 32' RT | 44         |
| STA 68+07 32' RT TO STA 69+00 26' RT | 93         |
| STA 69+00 26' RT TO STA 69+63 55' RT | 70         |
| STA 70+48 55' RT TO STA 70+48 31' RT | 14         |
| STA 70+48 31' RT TO STA 70+86 31' RT | 38         |
| STA 70+86 31' RT TO STA 71+17 18' RT | 34         |
| STA 71+17 18' RT TO STA 71+60 18' RT | 43         |
| <b>TOTAL</b>                         | <b>485</b> |

| LOCATION                        | WIDTH | SQ YD      |
|---------------------------------|-------|------------|
| LT STA 67+65.00 TO STA 69+28.89 | 4     | 73         |
| LT STA 69+77.08 TO STA 70+52.71 | 4     | 34         |
| LT STA 70+81.15 TO STA 71+60.00 | 4     | 35         |
| RT STA 67+65.00 TO STA 69+25.00 | 4     | 71         |
| RT STA 70+27.00 TO STA 71+60.00 | 4     | 59         |
| <b>TOTAL</b>                    |       | <b>272</b> |

| LOCATION                     | WIDTH | SQ YD      |
|------------------------------|-------|------------|
| <b>STAGE I</b>               |       |            |
| STA 68+88.00 TO STA 70+40.00 | 9.5   | 161        |
| <b>STAGE II</b>              |       |            |
| STA 68+88.00 TO STA 70+40.00 | 12.5  | 211        |
| <b>TOTAL</b>                 |       | <b>372</b> |

| LOCATION        | EACH       |
|-----------------|------------|
| <b>STAGE I</b>  |            |
| STA 68+88.00    | 9          |
| STA 69+04.00    | 9          |
| STA 69+24.00    | 9          |
| STA 69+44.00    | 9          |
| STA 69+64.00    | 9          |
| STA 69+84.00    | 9          |
| STA 70+04.00    | 9          |
| STA 70+24.00    | 9          |
| STA 70+40.00    | 9          |
| <b>STAGE II</b> |            |
| STA 68+88.00    | 11         |
| STA 69+04.00    | 11         |
| STA 69+24.00    | 11         |
| STA 69+44.00    | 11         |
| STA 69+64.00    | 11         |
| STA 69+84.00    | 11         |
| STA 70+04.00    | 11         |
| STA 70+24.00    | 11         |
| STA 70+40.00    | 11         |
| <b>TOTAL</b>    | <b>180</b> |

| LOCATION                     | WIDTH | SQ YD      |
|------------------------------|-------|------------|
| <b>STAGE I</b>               |       |            |
| STA 68+88.00 TO STA 70+40.00 | 9.5   | 161        |
| <b>STAGE II</b>              |       |            |
| STA 68+88.00 TO STA 70+40.00 | 12.5  | 211        |
| <b>TOTAL</b>                 |       | <b>372</b> |

| LOCATION                     | FOOT       |
|------------------------------|------------|
| <b>STAGE I</b>               |            |
| STA 68+88.00                 | 9.5        |
| STA 70+40.00                 | 9.5        |
| STA 68+88.00 TO STA 69+38.59 | 51         |
| STA 69+86.77 TO STA 70+40.00 | 53         |
| <b>STAGE II</b>              |            |
| STA 68+88.00                 | 12.5       |
| STA 70+40.00                 | 12.5       |
| <b>TOTAL</b>                 | <b>148</b> |

| LOCATION                  | SEEDING CLASS 2A | FERTILIZER NUTRIENTS |                 |                   | MULCH METHOD 2 | EROSION CONTROL BLANKET |
|---------------------------|------------------|----------------------|-----------------|-------------------|----------------|-------------------------|
|                           |                  | ACRE                 | NITROGEN POUNDS | PHOSPHORUS POUNDS |                |                         |
| LT STA 67+65 TO STA 70+64 | 0.10             | 10.7                 | 10.7            | 10.7              | 0.10           |                         |
| LT STA 70+74 TO STA 71+60 | 0.05             | 5.4                  | 5.4             | 5.4               | 0.05           |                         |
| RT STA 67+65 TO STA 71+60 | 0.10             | 9.9                  | 9.9             | 9.9               | 0.10           |                         |
| RT STA 67+65 TO STA 69+25 |                  |                      |                 |                   |                | 150                     |
| LT STA 70+83 TO STA 71+60 |                  |                      |                 |                   |                | 255                     |
| <b>TOTAL</b>              | <b>0.25</b>      | <b>26.0</b>          | <b>26.0</b>     | <b>26.0</b>       | <b>0.25</b>    | <b>405</b>              |

| LOCATION                        | SQ YD     |
|---------------------------------|-----------|
| LT STA 70+50.88 TO STA 70+82.93 | 36        |
| <b>TOTAL</b>                    | <b>36</b> |

| LOCATION                        | SQ YD     |
|---------------------------------|-----------|
| LT STA 70+49.42 TO STA 70+85.97 | 46        |
| <b>TOTAL</b>                    | <b>46</b> |

| LOCATION         | FOOT      |
|------------------|-----------|
| STA 70+52 34' RT | 10        |
| STA 70+95 22' LT | 10        |
| <b>TOTAL</b>     | <b>20</b> |

| LOCATION                                | EACH      |
|---|-----------|
| STAGE LINE STA 68+88.00 TO STA 70+40.00 | 76        |
| <b>TOTAL</b>                            | <b>76</b> |

| LOCATION                                  | FOOT       |
|---|------------|
| LT STA 69+75 25' LT TO STA 70+83 23.5' LT | 108        |
| <b>TOTAL</b>                              | <b>108</b> |

| LOCATION     | EACH     |
|--------------|----------|
| LT STA 70+83 | 1        |
| <b>TOTAL</b> | <b>1</b> |

| LOCATION                  | FOOT       |
|---------------------------|------------|
| LT STA 69+78 TO STA 70+80 | 102        |
| <b>TOTAL</b>              | <b>102</b> |

| LOCATION     | FOOT      |
|--------------|-----------|
| LT STA 69+90 | 20        |
| <b>TOTAL</b> | <b>20</b> |

| LOCATION     | EACH     |
|--------------|----------|
| LT STA 69+98 | 1        |
| <b>TOTAL</b> | <b>1</b> |

| LOCATION                  | FOOT      |
|---------------------------|-----------|
| LT STA 69+81 TO STA 69+98 | 17        |
| <b>TOTAL</b>              | <b>17</b> |

| LOCATION                        | FOOT         |
|---------------------------------|--------------|
| LT STA 68+97.87 TO STA 69+22.87 | 25           |
| LT STA 69+82.24 TO STA 70+44.74 | 62.5         |
| RT STA 68+70.76 TO STA 69+45.76 | 75           |
| RT STA 70+05.13 TO STA 70+30.13 | 25           |
| <b>TOTAL</b>                    | <b>187.5</b> |

| LOCATION                                       | EACH     |
|--|----------|
| STA 70+54.72 21.4' LT TO STA 70+59.98 32.7' LT | 1        |
| <b>TOTAL</b>                                   | <b>1</b> |

| LOCATION                        | EACH     |
|---------------------------------|----------|
| LT STA 68+47.87 TO STA 68+97.87 | 1        |
| RT STA 68+20.76 TO STA 68+70.76 | 1        |
| RT STA 70+30.13 TO STA 70+80.13 | 1        |
| <b>TOTAL</b>                    | <b>3</b> |

| LOCATION                             | FOOT       |
|--------------------------------------|------------|
| LT STA 68+28 TO STA 69+30            | 102        |
| LT STA 69+77 TO STA 70+38            | 61         |
| STA 70+38 14' LT TO STA 70+59 29' LT | 27         |
| RT STA 67+71 TO STA 69+47            | 176        |
| RT STA 69+93 TO STA 70+95            | 102        |
| <b>TOTAL</b>                         | <b>468</b> |

| LOCATION                        | WIDTH | SQ YD     |
|---------------------------------|-------|-----------|
| LT STA 69+03.00 TO STA 69+28.89 | 4     | 12        |
| LT STA 69+77.08 TO STA 70+07.00 | 4     | 13        |
| LT STA 70+49.42 TO STA 70+52.71 | 4     | 2         |
| LT STA 70+81.15 TO STA 70+85.97 | 4     | 2         |
| <b>TOTAL</b>                    |       | <b>29</b> |

| LOCATION                        | FOOT        |
|---------------------------------|-------------|
| LT STA 70+44.74 TO STA 70+54.72 | 12.5        |
| <b>TOTAL</b>                    | <b>12.5</b> |

| LOCATION               | EACH     |
|------------------------|----------|
| STA 67+25.00 40.00' LT | 1        |
| STA 68+50.00 55.00' LT | 1        |
| STA 70+50.00 55.00' LT | 1        |
| STA 71+75.00 40.00' LT | 1        |
| STA 67+50.00 40.00' RT | 1        |
| STA 68+75.00 55.00' RT | 1        |
| STA 70+75.00 55.00' RT | 1        |
| STA 72+00.00 40.00' RT | 1        |
| <b>TOTAL</b>           | <b>8</b> |

| LOCATION                  | EACH     |
|---------------------------|----------|
| STA 66+78.00 STA 72+75.00 | 1        |
| <b>TOTAL</b>              | <b>1</b> |

| LOCATION                     | APPLICATIONS | FOOT      |
|------------------------------|--------------|-----------|
| STA 66+28.00 TO STA 73+25.00 | 1            | 64        |
| <b>TOTAL</b>                 |              | <b>64</b> |

| LOCATION                           | FOOT        |
|------------------------------------|-------------|
| <b>STAGE I</b>                     |             |
| STA 66+38.00 RT TO STA 68+13.00 LT | 176         |
| STA 68+13.00 LT TO STA 71+15.00 LT | 302         |
| STA 71+15.00 RT TO STA 72+65.00 RT | 151         |
| STA 67+80.25 LT TO STA 70+51.00 LT | 271         |
| STA 70+83.00 LT TO STA 71+47.50 LT | 65          |
| <b>STAGE II</b>                    |             |
| STA 66+63.00 LT TO STA 68+13.00 RT | 151         |
| STA 68+13.00 RT TO STA 70+60.00 RT | 247         |
| STA 70+95.00 RT TO STA 71+15.00 RT | 20          |
| STA 71+15.00 RT TO STA 72+82.00 LT | 167         |
| STA 68+00.00 RT TO STA 71+27.00 RT | 327         |
| <b>TOTAL</b>                       | <b>1877</b> |

| LOCATION                           | SQ FT      |
|------------------------------------|------------|
| <b>STAGE I</b>                     |            |
| STA 66+38.00 RT TO STA 68+13.00 LT | 59         |
| STA 68+13.00 LT TO STA 71+15.00 LT | 101        |
| STA 71+15.00 RT TO STA 72+65.00 RT | 50         |
| STA 67+80.25 LT TO STA 70+51.00 LT | 90         |
| STA 70+83.00 LT TO STA 71+47.50 LT | 22         |
| <b>STAGE II</b>                    |            |
| STA 66+63.00 LT TO STA 68+13.00 RT | 50         |
| STA 68+13.00 RT TO STA 70+60.00 RT | 82         |
| STA 70+95.00 RT TO STA 71+15.00 RT | 7          |
| STA 71+15.00 RT TO STA 72+82.00 LT | 56         |
| STA 68+00.00 RT TO STA 71+27.00 RT | 109        |
| <b>FINAL PHASE</b>                 |            |
| CENTERLINE                         |            |
| STA 66+28.00 TO STA 73+25.00       | 21         |
| <b>TOTAL</b>                       | <b>647</b> |

| LOCATION                                      | FOOT       |
|---|------------|
| <b>STAGE I</b>                                |            |
| RT STA 67+64.00 TO LT STA 68+63.00 1:12 TAPER | 99         |
| LT STA 68+63.00 TO LT STA 70+65.00 TANGENT    | 202        |
| LT STA 70+65.00 TO RT STA 71+64.00 1:12 TAPER | 99         |
| <b>TOTAL</b>                                  | <b>400</b> |

| LOCATION                     | CU YD      |
|------------------------------|------------|
| STA 69+19.27 TO STA 70+08.80 | 721        |
| <b>TOTAL</b>                 | <b>721</b> |

| LOCATION                                      | FOOT       |
|---|------------|
| <b>STAGE II</b>                               |            |
| LT STA 67+65.00 TO RT STA 68+63.00 1:12 TAPER | 98         |
| RT STA 68+63.00 TO RT STA 70+40.00 TANGENT    | 177        |
| LT STA 71+15.00 TO LT STA 71+65.00 1:12 TAPER | 50         |
| <b>TOTAL</b>                                  | <b>325</b> |

| LOCATION                     | COLOR       | FOOT       |
|------------------------------|-------------|------------|
| CENTERLINE                   |             |            |
| STA 66+28.00 TO STA 73+25.00 | YELLOW DASH | 174        |
| <b>TOTAL</b>                 |             | <b>174</b> |

| LOCATION                        | EACH     |
|---------------------------------|----------|
| LT STA 68+47.87 TO STA 70+59.98 | 4        |
| RT STA 68+20.76 TO STA 70+80.13 | 4        |
| <b>TOTAL</b>                    | <b>8</b> |

| LOCATION        | EACH     |
|-----------------|----------|
| LT STA 68+47.87 | 1        |
| LT STA 70+59.98 | 1        |
| RT STA 68+20.76 | 1        |
| RT STA 70+80.13 | 1        |
| <b>TOTAL</b>    | <b>4</b> |

| LOCATION                     | SQ FT     |
|------------------------------|-----------|
| CENTERLINE                   |           |
| STA 66+28.00 TO STA 68+88.00 | 22        |
| STA 70+40.00 TO STA 73+25.00 | 24        |
| <b>TOTAL</b>                 | <b>46</b> |

| LOCATION                        | WIDTH | SQ YD      |
|---------------------------------|-------|------------|
| LT STA 67+65.00 TO STA 69+28.89 | 4     | 73         |
| LT STA 69+77.08 TO STA 70+52.71 | 4     | 34         |
| LT STA 70+81.15 TO STA 71+60.00 | 4     | 35         |
| RT STA 67+65.00 TO STA 71+60.00 | 4     | 176        |
| LT STA 69+03.00 TO STA 70+07.00 | 4     | 46         |
| <b>TOTAL</b>                    |       | <b>364</b> |

| LOCATION        | EACH     |
|-----------------|----------|
| <b>STAGE I</b>  |          |
| RT STA 67+64.00 | 1        |
| RT STA 71+64.00 | 1        |
| <b>TOTAL</b>    | <b>2</b> |

| LOCATION        | EACH     |
|-----------------|----------|
| <b>STAGE II</b> |          |
| LT STA 67+65.00 | 1        |
| LT STA 71+65.00 | 1        |
| <b>TOTAL</b>    | <b>2</b> |

| LOCATION              | EACH     |
|-----------------------|----------|
| STA 69+56.00 21.5' RT | 1        |
| <b>TOTAL</b>          | <b>1</b> |

| LOCATION        | EACH     |
|-----------------|----------|
| <b>STAGE II</b> |          |
| LT STA 70+40.00 | 1        |
| LT STA 71+15.00 | 1        |
| <b>TOTAL</b>    | <b>2</b> |

| LOCATION            | UNIT     |
|---------------------|----------|
| STA 70+20.00 31' RT | 6        |
| <b>TOTAL</b>        | <b>6</b> |

| LOCATION     | EACH     |
|--------------|----------|
| LT STA 70+83 | 1        |
| <b>TOTAL</b> | <b>1</b> |

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