

| PAVEMENT CALCULATIONS |           |           |        |   |                              |                               |
|-----------------------|-----------|-----------|--------|---|------------------------------|-------------------------------|
| FROM                  | TO        | DIRECTION | LENGTH | 310   | 305                          | 305                           |
|                       |           |           |        | SUBBASE TYPE II AS PER PLAN                   | 10" CONCRETE BASE            | 8" AVERAGE CONCRETE BASE      |
|                       |           |           |        | NORMAL SECTION FACTOR = 0.7022 CY/LF CU. YDS. | FACTOR = 3222 SY/LF SQ. YDS. | FACTOR = 1111 SY./LF SQ. YDS. |
| 753 + 50              | 760 + 75  | WB        | 725'   | 509   | 2336                         | 806                           |
| 758 + 50              | 764 + 00  | EB        | 550'   | 386   | 1772                         | 611                           |
| 954 + 50              | 962 + 00  | EB        | 750'   | 527   | 2417                         | 833                           |
| 1045 + 25             | 1053 + 25 | WB        | 800'   | 562   | 2578                         | 889                           |
| 37 + 75               | 46 + 00   | WB        | 825'   | 579   | 2658                         | 917                           |
| 37 + 75               | 46 + 00   | EB        | 825'   | 579   | 2658                         | 917                           |
| 116 + 00              | 122 + 00  | WB        | 600'   | 421   | 1933                         | 667                           |
| 116 + 00              | 122 + 00  | EB        | 600'   | 421   | 1933                         | 667                           |
| TOTAL                 |           |           |        | 3984  | 18285                        | 6307                          |

| REMOVAL ITEMS |           |           |        |                               |                              |
|---------------|-----------|-----------|--------|-------------------------------|------------------------------|
| DIRECTION     | FROM      | TO        | LENGTH | 202                           | 202                          |
|               |           |           |        | WEARING COURSE REMOVED        | PAVEMENT REMOVED             |
|               |           |           |        | FACTOR = 4.333 SY/LF SQ. YDS. | FACTOR = 2667 SY/LF SQ. YDS. |
| WB            | 752 + 00  | 753 + 50  | 150'   | 650                           |                              |
| WB            | 753 + 50  | 760 + 75  | 725'   |                               | 1933                         |
| WB            | 760 + 75  | 762 + 25  | 150'   | 650                           |                              |
| EB            | 757 + 25  | 758 + 50  | 125'   | 542                           |                              |
| EB            | 758 + 50  | 764 + 00  | 550'   |                               | 1467                         |
| EB            | 764 + 00  | 765 + 25  | 125'   | 542                           |                              |
| EB            | 953 + 00  | 954 + 50  | 150'   | 650                           |                              |
| EB            | 954 + 50  | 962 + 00  | 750'   |                               | 2000                         |
| EB            | 962 + 00  | 963 + 50  | 150'   | 650                           |                              |
| WB            | 1043 + 75 | 1043 + 25 | 150'   | 650                           |                              |
| WB            | 1045 + 25 | 1053 + 25 | 800'   |                               | 2133                         |
| WB            | 1053 + 25 | 1054 + 75 | 150'   | 650                           |                              |
| WB            | 36 + 50   | 37 + 75   | 125'   | 542                           |                              |
| WB            | 37 + 75   | 46 + 00   | 825'   |                               | 2200                         |
| WB            | 46 + 00   | 47 + 50   | 150'   | 650                           |                              |
| EB            | 36 + 50   | 37 + 75   | 125'   | 542                           |                              |
| EB            | 37 + 75   | 46 + 00   | 825'   |                               | 2200                         |
| EB            | 46 + 00   | 47 + 50   | 150'   | 650                           |                              |
| WB            | 114 + 50  | 116 + 00  | 150'   | 650                           |                              |
| WB            | 116 + 00  | 122 + 00  | 600'   |                               | 1600                         |
| WB            | 122 + 00  | 123 + 50  | 150'   | 650                           |                              |
| EB            | 114 + 50  | 116 + 00  | 150'   | 650                           |                              |
| EB            | 116 + 00  | 122 + 00  | 600'   |                               | 1600                         |
| EB            | 122 + 00  | 123 + 50  | 150'   | 650                           |                              |
| TOTAL         |           |           |        | 9968                          | 15133                        |

| TRAFFIC CONTROL |           |           |                              |                              |                            |
|-----------------|-----------|-----------|------------------------------|------------------------------|----------------------------|
| DIRECTION       | FROM      | TO        | 614                          | 621                          | 622                        |
|                 |           |           | TEMPORARY EDGE LINES CLASS I | REMOVAL OF PAVEMENT MARKINGS | TEMPORARY CONCRETE BARRIER |
|                 |           |           | LIN FT.                      | LIN FT.                      | LIN FT.                    |
| WB              | 752 + 00  | 762 + 25  | 1025                         | 1025                         |                            |
| WB              | 753 + 45  | 762 + 25  |                              |                              |                            |
| EB              | 757 + 25  | 765 + 25  | 800                          | 800                          | 880                        |
| EB              | 757 + 25  | 764 + 05  |                              |                              |                            |
| EB              | 953 + 00  | 963 + 50  | 1050                         | 1050                         | 680                        |
| EB              | 953 + 00  | 962 + 00  |                              |                              |                            |
| WB              | 1043 + 75 | 1054 + 75 | 1100                         | 1100                         | 900                        |
| WB              | 1045 + 25 | 1054 + 75 |                              |                              |                            |
| WB              | 36 + 50   | 47 + 50   | 1100                         | 1100                         | 950                        |
| WB              | 37 + 70   | 47 + 50   |                              |                              |                            |
| EB              | 36 + 50   | 47 + 50   | 1100                         | 1100                         | 980                        |
| EB              | 36 + 50   | 46 + 00   |                              |                              |                            |
| WB              | 114 + 50  | 123 + 50  | 900                          | 900                          |                            |
| WB              | 116 + 00  | 123 + 50  |                              |                              |                            |
| EB              | 114 + 50  | 123 + 50  | 900                          | 900                          | 750                        |
| EB              | 114 + 50  | 122 + 00  |                              |                              |                            |
| TOTAL           |           |           | 7975                         | 7975                         | 6840                       |

1.51 MILES

|  |  |
|--|--|
| ITEM 659 - COMMERCIAL FERTILIZER                                   |  |
| ( 23884 ) SY. x 3.5F. x 20 LBS. / ST. = 1494200 LBS. = 1.51 TONS   |  |
| ITEM 659 - AGRICULTURAL LIMING                                     |  |
| ( 23884 ) SY. x 3.5F. x 100 LBS. / ST. = 1494200 LBS. = 10.75 TONS |  |

| SHEET NO. | 203  | 659                  |
|-----------|--|----------------------|
|           | EXCAVATION NOT INCLUDING EMBANKMENT CONSTRUCTION | SEEDING AND MULCHING |
|           | CU. YDS.   | SQ. YDS.             |
| 56        | 2302   | 3018                 |
| 57        | 1302   | 1723                 |
| 58        | 2467   | 3026                 |
| 59        | 2820   | 3368                 |
| 60        | 3722   | 4294                 |
| 61        | 2742   | 3277                 |
| 62        | 1591   | 2005                 |
| 63        | 2048   | 3173                 |
| TOTAL     | 18994  | 23884                |