

M:\7094\94273\10-03-05 MED-57-17.52 Drainage Improvements\106232\Design\Ref Dgns\Pavement Calcs.dgn 5/13/2021 2:04:01 PM kja282

| STATION RANGE                              | TYPICAL SECTION | SIDE  | DISTANCE (D)<br>FT | AVERAGE WIDTH (W)<br>FT | SURFACE AREA (A)<br>A=DxW / 9<br>SY | CADD GENERATED AREA<br>SY | 202                    |  | 204                       |  | 304                  | 304                               |  |  |  |  |   | 441  | 451  | 452  | 452    |     |
|--|-----------------|-------|--------------------|-------------------------|-------------------------------------|---------------------------|------------------------|--|---------------------------|--|----------------------|-----------------------------------|--|--|--|--|---|--|--|--|--------|-----|
|  |                 |       |                    |                         |                                     |                           | PAVEMENT REMOVED<br>SY |  | SUBGRADE COMPACTION<br>SY |  | AGGREGATE BASE<br>CY | AGGREGATE BASE, AS PER PLAN<br>CY |  |  |  |  | ASPHALT CONCRETE SURFACE COURSE, TYPE I, (448), (DRIVEWAYS)<br>CY | 6" REINFORCED CONCRETE PAVEMENT, CLASS CC IP<br>SY | 6" NON-REINFORCED CONCRETE PAVEMENT, CLASS CC IP<br>SY | 7" NON-REINFORCED CONCRETE PAVEMENT, CLASS CC MS<br>SY |        |     |
| 931+33.00 TO 931+69.00                     |                 | RT    |                    |                         |                                     | 59.40                     | 59.40                  |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  | 59.40  |     |
| 931+33.00 TO 931+69.00                     |                 | RT    |                    |                         |                                     | 73.70                     |                        |  | 73.70                     |  | 12.28                |                                   |  |  |  |  |   |  |  |  |        |     |
| 931+41.78 TO 931+77.52                     |                 | LT/RT |                    |                         |                                     | 64.50                     | 64.50                  |  | 64.50                     |  | 10.75                |                                   |  |  |  |  |   |  |  |  |        |     |
| 931+47.74 TO 931+87.00                     |                 | LT    |                    |                         |                                     | 71.10                     | 71.10                  |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  | 71.10  |     |
| 931+47.74 TO 931+87.00                     |                 | LT    |                    |                         |                                     | 84.90                     |                        |  | 84.90                     |  | 14.15                |                                   |  |  |  |  |   |  |  |  |        |     |
| 964+64.00 TO 965+38.00                     |                 |       | 74.00              |                         |                                     | 100.74                    |                        |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  | 100.74 |     |
| 964+64.00 TO 965+38.00                     |                 |       | 74.00              |                         |                                     | 103.53                    | 103.53                 |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| 964+64.00 TO 965+38.00                     |                 |       | 74.00              |                         |                                     | 107.79                    |                        |  |                           |  | 17.96                |                                   |  |  |  |  |   |  |  |  |        |     |
| 964+64.00 TO 965+38.00                     |                 |       | 74.00              |                         |                                     | 120.76                    |                        |  | 120.76                    |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| PAVEMENT REPAIR FOR WATERLINE INSTALLATION |                 |       |                    |                         |                                     |                           |                        |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| 964+78.00                                  |                 | LT    |                    |                         |                                     | 3.00                      |                        |  | 3.00                      |  | 0.50                 |                                   |  |  |  |  |   |  |  |  | 3.00   |     |
| DRIVEWAYS                                  |                 |       |                    |                         |                                     |                           |                        |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| 939+72.50                                  |                 | LT    |                    |                         |                                     | 41.61                     | 46.27                  |  |                           |  | 6.94                 |                                   |  |  |  |  |   | 2.31   |  |  |        |     |
|  |                 |       |                    |                         |                                     | 52.19                     |                        |  | 52.19                     |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| 948+04.50                                  |                 | LT    |                    |                         |                                     | 81.70                     | 58.00                  |  |                           |  |                      |                                   |  |  |  |  |   |  |  | 81.70  |        |     |
|  |                 |       |                    |                         |                                     | 100.68                    |                        |  | 100.68                    |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| 952+11.00                                  |                 | LT    |                    |                         |                                     | 64.53                     |                        |  | 64.53                     |  |                      | 14.34                             |  |  |  |  |   |  |  |  |        |     |
|  |                 |       |                    |                         |                                     | 64.50                     | 40.26                  |  |                           |  | 10.75                |                                   |  |  |  |  |   | 3.58   |  |  |        |     |
| 953+45.00                                  |                 | LT    |                    |                         |                                     | 78.41                     |                        |  | 78.41                     |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
|  |                 |       |                    |                         |                                     | 59.77                     | 44.24                  |  |                           |  |                      |                                   |  |  |  |  |   |  | 59.77  |  |        |     |
| 957+34.00                                  |                 | LT    |                    |                         |                                     | 73.34                     |                        |  | 73.34                     |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
|  |                 |       |                    |                         |                                     | 65.31                     |                        |  | 65.31                     |  |                      | 14.51                             |  |  |  |  |   |  |  |  |        |     |
| 15+85.00                                   |                 | RT    |                    |                         |                                     |                           |                        |  |                           |  |                      |                                   |  |  |  |  |   |  |  |  |        |     |
| <b>SUBTOTALS</b>                           |                 |       |                    |                         |                                     |                           | 487.30                 |  | 781.32                    |  | 73.33                | 28.85                             |  |  |  |  |   | 5.90   | 59.77  | 81.70  | 234.24 |     |
| <b>TOTALS CARRIED TO GENERAL SUMMARY</b>   |                 |       |                    |                         |                                     |                           | 488                    |  | 782                       |  | 74                   | 29                                |  |  |  |  |   |  | 6  | 60   | 82     | 235 |

|  |            |     |         |     |                       |              |   |   |   |
|--|------------|-----|---------|-----|-----------------------|--------------|---|---|---|
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">CALCULATED</td> </tr> <tr> <td style="text-align: center;">ACB</td> </tr> <tr> <td style="text-align: center;">CHECKED</td> </tr> <tr> <td style="text-align: center;">SDS</td> </tr> </table> | CALCULATED | ACB | CHECKED | SDS | PAVEMENT CALCULATIONS | MED-57-17.65 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">1</td> </tr> </table> | 1 | 1 |
| CALCULATED   |            |     |         |     |                       |              |   |   |   |
| ACB  |            |     |         |     |                       |              |   |   |   |
| CHECKED  |            |     |         |     |                       |              |   |   |   |
| SDS  |            |     |         |     |                       |              |   |   |   |
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