COMPUTED BY: T. A. HARRIS DATE: <u>09/25/2014</u> CHECKED BY: T. MEADOWS DATE: <u>4/14/2016</u>

PROJECT REFERENCE NO. SHEET NO. B-5125 3B-I

## SUMMARY OF PAVEMENT REMOVAL IN SQUARE YARDS

| SURVEY<br>LINE | STATION                  | LOCATION | SQ. YDS. |  |  |  |
|----------------|--------------------------|----------|----------|--|--|--|
| -L-            | 11 + 87.79 TO 12 + 10.00 | CL       | 59.72    |  |  |  |
| -L-            | 14+21.00 TO 14+75.00     | CL       | 186.22   |  |  |  |
|                |                          | TOTAL:   | 245.94   |  |  |  |
|                |                          |          |          |  |  |  |
|                |                          | SAY:     | 250      |  |  |  |

# 8" x 12" CONCRETE CURB SUMMARY

| SURVEY<br>LINE | STATION              | LOCATION | LIN. FT |
|----------------|----------------------|----------|---------|
| -L-            | 14+87.00 TO 14+96.38 | CL       | 14.39   |
|                |                      |          |         |
|                |                      |          |         |
|                |                      | TOTAL:   | 14.39   |
|                |                      |          |         |
|                |                      | SAY:     | 15      |

# SUMMARY OF MILLING IN SQUARE YARDS

| SURVEY<br>LINE | STATION                         | LOCATION | 1½" DEPTH<br>SQ. YDS. | INCIDENTAL |
|----------------|---------------------------------|----------|-----------------------|------------|
| _Y1_           | 30+00.00 TO 36+84.39            | CL       | 2,384.78              |            |
| _Y3_           | 10+18.12 TO 11+54.14            | CL       | 422.46                |            |
|                | PER DIVISION CFI (NOV. 5, 2014) |          |                       | 800.00     |
|                |                                 | TOTAL:   | 2,807.24              |            |
|                |                                 |          |                       |            |
|                |                                 | SAY:     | 2,810                 | 800        |

## SUMMARY OF EARTHWORK IN CUBIC YARDS

| LOCATION   | UNCL.<br>EXCAV. | EMBANK.<br>+% | BORROW | WASTE     |  |
|--|-----------------|---------------|--------|-----------|--|
|  |                 |               |        |           |  |
| _Y1_ 30+75.00 TO 31+50.00                          | 29              |               |        | 29        |  |
| _Y3_ 10+25.00 TO 11+00.00                          | 26              |               |        | 26        |  |
| -DRWY- 10+52.70 TO 12+82.79                        | 47              |               |        | 47        |  |
| _L_ 10 + 75.00 TO 12 + 25.00                       | 68              | 54            |        | 14<br>115 |  |
| SUBTOTAL NO. 1                                     | 170             | 54            |        |           |  |
| -Y1- 34+66.28 TO 35+68.24                          | 26              |               |        | 26        |  |
| _L_ 14+25.00 TO 17+25.00                           | 32              | 232           | 200    |           |  |
| SUBTOTAL NO. 2                                     | 58              | 232           | 200    | 26        |  |
| PROJECT SUBTOTALS                                  | 228             | 286           | 200    | 141       |  |
| PROJECT TOTALS                                     | 228             | 286           | 200    | 141       |  |
| TOP SOIL TO REPLACE BORROW PIT                     |                 |               | 10     |           |  |
| PROJECT GRAND TOTALS                               | 228             |               | 210    | 141       |  |
| SAY  | 250             |               | 250    |           |  |
| EST. DDE = 45 CUBIC YARDS  EST. SHALLOW UNDERCUT = | 100 CUBIC       | C YARDS       |        |           |  |
| CLASS IV SUBGRADE STABILIZATI                      | ION = 1º        | 90 TONS       |        |           |  |
| EST. UNDERCUT CONTINGENCY                          | = 100 C         | UBIC YARD     | <br>S  |           |  |

Note: Approximate quantities only. Unclassified Excavation, Borrow Excavation, Fine Grading, Clearing and Grubbing, and Removal of Existing Pavement will be paid for at the contract lump sum price for "Grading."

"N" = DISTANCE FROM EDGE OF LANE TO FACE OF GUARDRAIL. TOTAL SHOULDER WIDTH = DISTANCE FROM EDGE OF TRAVEL LANE TO SHOULDER BREAK POINT. FLARE LENGTH = DISTANCE FROM LAST SECTION OF PARALLEL GUARDRAIL TO END OF GUARDRAIL. W = TOTAL WIDTH OF FLARE FROM BEGINNING OF TAPER TO END OF GUARDRAIL. G = GATING IMPACT ATTENUATOR TYPE 350

#### GUARDRAIL SUMMARY

| G =<br>NG =                             | GATING IMPACT ATTENU<br>NON–GATING IMPACT | JATOR TYPE 350<br>ATTENUATOR TYPE 35 | 50                 |                     |                |                 |                 |                 |                 |  | GUA                 | INDA            | AIL S           | U IVIIVI        | AKI                      |                     |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
|---|---|--------------------------------------|--------------------|---------------------|----------------|-----------------|-----------------|-----------------|-----------------|--|---------------------|-----------------|-----------------|-----------------|--------------------------|---------------------|--------------------------|---|--|-------------------|-----------------------|------------------------------------|--------------------------------|----------------------|--------|--------|---------------|--|
| SURVE                                   | Y   | END STA.                             |                    |                     |                |                 |                 |                 | (WEATHERII<br>V | LENGTH<br>ING STEEL BEAM<br>WITH PAINTED | Λ GUARDRAIL<br>LAP) | WARR            | ant point       | "N"<br>DIST.    | TOTAL                    | FLARE               | LENGTH                   | \ | W                                      |                   | ı                     | ANCHO                              | RS                             | IMPACT<br>ATTENUATOR | SINGLE | REMOVE | REMOVE<br>AND |  |
| LINE                                    | BEG. STA.                                 |                                      | LOCATION           | STRAIGHT            | SHOP<br>CURVED | DOUBLE<br>FACED | APPROACH<br>END | TRAILING<br>END | FROM<br>E.O.L.  | FROM SHOUL.                              | APPROACH<br>END     | TRAILING<br>END | APPROACH<br>END | TRAILING<br>END | TYPE III<br>(WEATHERING) | AT-1<br>(WEATHERING | GRAU<br>350<br>(PAINTED) |   | ATTENUATOR TYPE 350 (PAINTED)  EA G NG | FACED GUARDRAII G | EXISTING<br>FUARDRAII | STOCKPILE<br>EXISTING<br>GUARDRAIL | REMARKS                        |                      |        |        |               |  |
| -L-                                     | 11 + 50.93                                | 11 + 99.58                           | LT                 | 37.54′              | 20.09′         |                 |                 | 11 + 99.58      | 2′              |  |                     |                 |                 |                 | 1                        | 1                   |                          |   |  |                   | 17′                   |                                    |                                |                      |        |        |               |  |
| _L_                                     | 11 + 85.33                                |                                      | RT                 |                     |                |                 | 11 + 99.58      |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   | 1                                      |                   | 17′                   |                                    | IMPACT ATTENUATOR (NON-GATING) |                      |        |        |               |  |
| _Y1_                                    | 34 + 51.19                                | 35+39.44                             | RT                 | 90.50′              |                |                 | 34 + 51.19      |                 | 2′              |  | 50′                 |                 |                 |                 | 1                        |                     | 1                        |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| р.<br>О                                 |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| E I                                     |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   |  | -                 |                       |                                    |                                |                      |        |        |               |  |
| ل<br>ا ل                                |   |                                      | SUBTOTALS          | 128.04′             | 20.09′         |                 |                 |                 |                 |  |                     |                 |                 |                 | 2                        | 1                   | 1                        |   | 1                                      |                   | 34′                   |                                    |                                |                      |        |        |               |  |
| A                                       |   | ANCHO                                | OR DEDUCTIONS =    | _87.50 <sup>′</sup> |                |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
|   | SI  | HOP CURVE ANCHO                      | OR DEDUCTIONS =    |                     | -6.25′         |                 |                 |                 |                 |  | (F                  | PAINTED) TYPE   | GRAU 350:       | 1 EACH @        | 50.00′ =                 | 50.00′              |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| ₩<br>₩                                  |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     | (WEATHERI       | NG) TYPE III:   | 2 EACH @        | 18.75′ =                 | 37.50′              |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| 0 <del>0</del>                          |   |                                      | PROJECT TOTALS     | 40.54′              | 13.84′         |                 |                 |                 |                 |  |                     | (WEATHERING     | G) TYPE AT-1:   | 1 EACH @        | 6.25′ =                  |                     | 6.25′                    |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| Υ Σ<br>7 Π                              |   |                                      | SAY                | 50′                 | 25′            |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     | II                       |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| 2 6A                                    |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     |                 | DEDUC.          | TION FOR A      | NCHORS =                 | 87.50′              |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| 7 - N - N - N - N - N - N - N - N - N - |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     | DEDUCT          | ION FOR SH      | OP CURVE A      | NCHORS =                 |                     | 6.25′                    |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| ) O <del>(()</del>                      |   |                                      |                    |                     |                |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |
| o∕ <del>0</del><br>⊃α <del>0</del>      | ADDITI                                    | onal (Weathering                     | G) GUARDRAIL POSTS | = 5 EA.             |                |                 |                 |                 |                 |  |                     |                 |                 |                 |                          |                     |                          |   |  |                   |                       |                                    |                                |                      |        |        |               |  |