

**MAINE TURNPIKE AUTHORITY**

**ADDENDUM NO. 2**

**CONTRACT 2025.01**

**PAVEMENT REHABILITATION**

**MM 15.2 TO MM 20.0**

**GUARDRAIL AND DRAINAGE IMPROVEMENTS**

**MM 13.4 TO MM 20.0**

**BRIDGE JOINT REPAIRS**

**B & M RAILROAD MM 19.0**

**SANFORD ROAD/ ROUTES 9 & 109 MM 19.1**

**WELLS INTERCHANGE OVERPASS MM 19.3**

**The bid opening date is revised to FRIDAY FEBRUARY 14, 2025 at 10:00 am.**

The following changes are made to the Proposal, Specifications, and Plans.

**PROPOSAL**

- Proposal Sheets P-2 to P-9 are deleted and replaced, included in this addendum.

**SPECIAL PROVISIONS**

- Page SP-16, Section 202 (Removing Rumble Strips): Pages SP-16A to SP-16B are added, included with this addendum.

**PLANS**

- Plan Sheet EQ-01 (2 of 40): Change the quantity of item 202.202 from 253,000 SY to 312,000 SY. Add the quantity for item 202.206 Removing Rumble Strips of 10,100 LF. Change the quantity of item 403.2081 from 21,900 tons to 26,900 tons. Change the quantity of item 409.152 from 17,400 gallons to 21,000 gallons. Change the quantity of item 424.323 from 19,000 pounds to 23,400 pounds. Change the quantity of item 424.324 from 12,700 pounds to 15,600 pounds.

**QUESTIONS**

1. Question: Are the quantities correct for items 202.202 & 403.2081?

**Answer:** Quantities for items 202.202 and 403.2081 have been reviewed and revised.

2. Question: Rumble strip paving incidental to what item?

**Answer:** Rumble strip paving will be paid for under item 202.206 Removing Rumble Strips.

**ATTACHMENTS**

- Addendum No. 2 (2 pages)
- Proposal Sheets (8 pages)
- Special Provisions (2 pages)
- Plan Sheets (1 pages)

**Notes:** The above items shall be considered as part of the bid submittal.

The total number of pages included with this addendum is thirteen pages (13).

All bidders are requested to acknowledge the receipt of the Addendum No. 2 by signing below and faxing this sheet to Nathaniel Carll, Purchasing Department, Maine Turnpike Authority at 207-871-7739. Bidders are also required to acknowledge receipt of this Addendum No. 2 on Page P-10 of the bid package.

\_\_\_\_\_  
Business Name

\_\_\_\_\_  
Print Name and Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date  
February 7, 2025

Very truly  
yours,

MAINE TURNPIKE AUTHORITY

\_\_\_\_\_  
Nathaniel Carll  
Purchasing Department  
Maine Turnpike Authority

**SCHEDULE OF BID PRICES**

**CONTRACT NO. 2025.01**

**Pavement Rehabilitation and Improvements MM13.4 to MM20.0**

**B&M Railroad MM 19.0, Route 109 MM 19.1, Wells Interchange Overpass MM19.3**

| Item No  | Item Description   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|----------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|          |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| 202.15   | REMOVING EXISTING MANHOLE OR CATCH BASIN                     | Each        | 1                  |                        |       |                       |       |
| 202.202  | REMOVING PAVEMENT SURFACE                                    | Square Yard | 312,000            |                        |       |                       |       |
| 202.2021 | REMOVING PAVEMENT SURFACE - BRIDGE DECK                      | Square Yard | 4,750              |                        |       |                       |       |
| 202.205  | RUMBLE STRIPS  | Each        | 85,600             |                        |       |                       |       |
| 202.206  | REMOVING RUMBLE STRIPS                                       | Linear Foot | 10,100             |                        |       |                       |       |
| 211.50   | MEDIAN RESTORATION   | Linear Foot | 22,400             |                        |       |                       |       |
| 211.51   | MEDIAN RESTORATION WITH RAP                                  | Linear Foot | 700                |                        |       |                       |       |
| 401.03   | BALANCED MIX DESIGN DATA COLLECTION                          | Lump Sum    | 1                  |                        |       |                       |       |
| 403.207  | HOT MIX ASPHALT, 19.0 mm NOMINAL MAXIMUM SIZE                | Ton         | 65                 |                        |       |                       |       |
| 403.2081 | HOT MIX ASPHALT, 12.5 mm (POLYMER MODIFIED) - RAP (MAINLINE) | Ton         | 26,900             |                        |       |                       |       |
| 403.211  | HOT MIX ASPHALT, 9.5 mm NOMINAL MAXIMUM SIZE (SHIMMING)      | Ton         | 1,000              |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 403.213                 | HOT MIX ASPHALT, 12.5 mm (BASE AND INTERMEDIATE BASE COURSE) | Ton         | 14                 |                        |       |                       |       |
| 409.152                 | BITUMINOUS TACK COAT NTSS - 1HM TRACKLESS - APPLIED          | Gallon      | 21,000             |                        |       |                       |       |
| 419.30                  | SAWING BITUMINOUS PAVEMENT                                   | Linear Foot | 1,400              |                        |       |                       |       |
| 424.323                 | ASPHALT RUBBER FIBER CRACK SEALER                            | Pound       | 23,400             |                        |       |                       |       |
| 424.324                 | ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED                 | Pound       | 15,600             |                        |       |                       |       |
| 427.09                  | PAVEMENT CRACK REPAIR  | Linear Foot | 1,000              |                        |       |                       |       |
| 459.06                  | BITUMINOUS CONCRETE WATERWAY - TYPE I                        | Each        | 4                  |                        |       |                       |       |
| 459.061                 | BITUMINOUS CONCRETE WATERWAY - TYPE II                       | Each        | 2                  |                        |       |                       |       |
| 459.062                 | BITUMINOUS CONCRETE WATERWAY - TYPE III                      | Each        | 4                  |                        |       |                       |       |
| 470.0801                | BERM DROPOFF CORRECTION - GRINDINGS                          | Linear Foot | 69,600             |                        |       |                       |       |
| 470.081                 | BERM CORRECTION  | Linear Foot | 1,300              |                        |       |                       |       |
| 508.14                  | HIGH PERFORMANCE WATERPROOFING MEMBRANE (510 SY)             | Lump Sum    | 1                  |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 518.865                 | ELASTOMERIC CONCRETE   | Cubic Foot  | 96                 |                        |       |                       |       |
| 518.866                 | CONCRETE HEADER REPAIR   | Cubic Foot  | 200                |                        |       |                       |       |
| 520.2301                | ASPHALTIC PLUG JOINT (B&M RAILROAD NB)                                   | Linear Foot | 67                 |                        |       |                       |       |
| 520.2302                | ASPHALTIC PLUG JOINT (B&M RAILROAD SB)                                   | Linear Foot | 74                 |                        |       |                       |       |
| 520.2303                | ASPHALTIC PLUG JOINT (ROUTE 109 NB)                                      | Linear Foot | 57                 |                        |       |                       |       |
| 520.2304                | ASPHALTIC PLUG JOINT (ROUTE 109 SB)                                      | Linear Foot | 83                 |                        |       |                       |       |
| 526.306                 | TEMPORARY CONCRETE BARRIER, TYPE I - SUPPLIED BY THE AUTHORITY (1470 LF) | Lump Sum    | 1                  |                        |       |                       |       |
| 527.341                 | WORK ZONE CRASH CUSHIONS TL-3  | Unit        | 2                  |                        |       |                       |       |
| 527.342                 | WORK ZONE CRASH CUSHIONS TL-2  | Unit        | 2                  |                        |       |                       |       |
| 603.155                 | 12 INCH REINFORCED CONCRETE PIPE - CLASS III                             | Linear Foot | 8                  |                        |       |                       |       |
| 603.28                  | CONCRETE COLLAR  | Each        | 1                  |                        |       |                       |       |
| 604.09                  | CATCH BASIN TYPE B1  | Each        | 1                  |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 604.184                 | REBUILD CATCH BASIN TO GRADE - TYPE II   | Each        | 44                 |                        |       |                       |       |
| 606.13                  | 31" W-BEAM GUARDRAIL - MID-WAY SPLICE (7' STEEL POSTS, 8" OFFSET BLOCKS, SINGLE FACED) | Linear Foot | 380                |                        |       |                       |       |
| 606.1307                | 31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL                                  | Each        | 3                  |                        |       |                       |       |
| 606.132                 | 31" W-BEAM GUARDRAIL - MID-WAY SPLICE (7' STEEL POSTS, 8" OFFSET BLOCKS, DOUBLE FACED) | Linear Foot | 930                |                        |       |                       |       |
| 606.1351                | 31" W-BEAM GUARDRAIL - MID-WAY SPLICE TERMINAL END - ANCHORED END                      | Each        | 12                 |                        |       |                       |       |
| 606.178                 | GUARDRAIL BEAM   | Linear Foot | 1,000              |                        |       |                       |       |
| 606.265                 | TERMINAL END - SINGLE RAIL - GALVANIZED STEEL  | Each        | 1                  |                        |       |                       |       |
| 606.352                 | REFLECTORIZED BEAM GUARDRAIL DELINEATOR  | Each        | 480                |                        |       |                       |       |
| 606.356                 | UNDERDRAIN DELINEATOR POST   | Each        | 35                 |                        |       |                       |       |
| 606.3621                | GUARDRAIL ADJUST, SINGLE RAIL  | Linear Foot | 15,400             |                        |       |                       |       |
| 606.3622                | GUARDRAIL ADJUST, DOUBLE RAIL  | Linear Foot | 30,200             |                        |       |                       |       |
| 606.471                 | SINGLE OFFSET BLOCK - W BEAM   | Each        | 100                |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description                             | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 606.472                 | SINGLE OFFSET BLOCK - THRIE BEAM             | Each        | 10                 |                        |       |                       |       |
| 606.48                  | SINGLE GALVANIZED STEEL POST                 | Each        | 50                 |                        |       |                       |       |
| 606.63                  | THRIE BEAM RAIL BEAM                         | Linear Foot | 200                |                        |       |                       |       |
| 606.701                 | ASSYMETRIC THRIE BEAM TRANSITION             | Each        | 4                  |                        |       |                       |       |
| 610.08                  | PLAIN RIPRAP                                 | Cubic Yard  | 230                |                        |       |                       |       |
| 613.319                 | EROSION CONTROL BLANKET                      | Square Yard | 24,700             |                        |       |                       |       |
| 618.14                  | SEEDING METHOD NUMBER 2                      | Unit        | 280                |                        |       |                       |       |
| 619.1201                | MULCH - PLAN QUANTITY                        | Unit        | 280                |                        |       |                       |       |
| 619.1202                | TEMPORARY MULCH                              | Lump Sum    | 1                  |                        |       |                       |       |
| 620.58                  | EROSION CONTROL GEOTEXTILE                   | Square Yard | 670                |                        |       |                       |       |
| 627.73                  | TEMPORARY 6 INCH PAVEMENT MARKING TAPE       | Linear Foot | 21,100             |                        |       |                       |       |
| 627.731                 | TEMPORARY 6 INCH BLACK PAVEMENT MARKING TAPE | Linear Foot | 1,200              |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 627.745                 | 6" WHITE OR YELLOW TEMPORARY POLYUREA PAVEMENT MARKING LINE  | Linear Foot | 26,000             |                        |       |                       |       |
| 627.77                  | REMOVING EXISTING PAVEMENT MARKING                           | Square Foot | 6,200              |                        |       |                       |       |
| 627.78                  | TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW             | Linear Foot | 261,000            |                        |       |                       |       |
| 627.812                 | TEMPORARY RAISED PAVEMENT MARKERS                            | Each        | 10,000             |                        |       |                       |       |
| 627.94                  | PAVEMENT MARKING TAPE  | Linear Foot | 4,000              |                        |       |                       |       |
| 627.941                 | PAVEMENT MARKING TAPE – DOTTED WHITE LANE LINE, 6-INCH WIDTH | Linear Foot | 860                |                        |       |                       |       |
| 629.05                  | HAND LABOR, STRAIGHT TIME                                    | Hour        | 40                 |                        |       |                       |       |
| 631.10                  | AIR COMPRESSOR (INCLUDING OPERATOR)                          | Hour        | 40                 |                        |       |                       |       |
| 631.11                  | AIR TOOL (INCLUDING OPERATOR)                                | Hour        | 40                 |                        |       |                       |       |
| 631.112                 | WELDING MACHINE (INCLUDING OPERATOR)                         | Hour        | 40                 |                        |       |                       |       |
| 631.12                  | ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)                   | Hour        | 60                 |                        |       |                       |       |
| 631.133                 | SKID STEER (INCLUDING OPERATOR)                              | Hour        | 20                 |                        |       |                       |       |

**CARRIED FORWARD:**



| Item No                 | Item Description                       | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|--|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |  |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |  |             |                    |                        |       |                       |       |
| 631.171                 | TRUCK - SMALL (INCLUDING OPERATOR)     | Hour        | 40                 |                        |       |                       |       |
| 631.172                 | TRUCK - LARGE (INCLUDING OPERATOR)     | Hour        | 20                 |                        |       |                       |       |
| 631.22                  | FRONT END LOADER (INCLUDING OPERATOR)  | Hour        | 20                 |                        |       |                       |       |
| 631.32                  | CULVERT CLEANER (INCLUDING OPERATOR)   | Hour        | 80                 |                        |       |                       |       |
| 631.36                  | FOREMAN                                | Hour        | 40                 |                        |       |                       |       |
| 652.30                  | FLASHING ARROW                         | Each        | 6                  |                        |       |                       |       |
| 652.312                 | TYPE III BARRICADES                    | Each        | 5                  |                        |       |                       |       |
| 652.35                  | CONSTRUCTION SIGNS                     | Square Foot | 5,300              |                        |       |                       |       |
| 652.361                 | MAINTENANCE OF TRAFFIC CONTROL DEVICES | Lump Sum    | 1                  |                        |       |                       |       |
| 652.41                  | PORTABLE-CHANGEABLE MESSAGE SIGN       | Each        | 7                  |                        |       |                       |       |
| 652.4502                | TRUCK MOUNTED ATTENUATOR               | Each        | 3                  |                        |       |                       |       |
| 652.4503                | TRUCK MOUNTED ATTENUATOR               | Week        | 24                 |                        |       |                       |       |

**CARRIED FORWARD:**

| Item No                 | Item Description                   | Units       | Approx. Quantities | Unit Prices in Numbers |       | Bid Amount in Numbers |       |
|-------------------------|------------------------------------|-------------|--------------------|------------------------|-------|-----------------------|-------|
|                         |                                    |             |                    | Dollars                | Cents | Dollars               | Cents |
| <b>BROUGHT FORWARD:</b> |                                    |             |                    |                        |       |                       |       |
| 652.47                  | SEQUENTIAL FLASHING WARNING LIGHTS | Each        | 190                |                        |       |                       |       |
| 656.50                  | BALED HAY, IN-PLACE                | Each        | 160                |                        |       |                       |       |
| 656.60                  | TEMPORARY BERMS                    | Linear Foot | 100                |                        |       |                       |       |
| 656.62                  | TEMPORARY SLOPE DRAINS             | Linear Foot | 30                 |                        |       |                       |       |
| 656.632                 | 30" TEMPORARY SILT FENCE           | Linear Foot | 100                |                        |       |                       |       |
| 659.10                  | MOBILIZATION                       | Lump Sum    | 1                  |                        |       |                       |       |
| <b>TOTAL:</b>           |                                    |             |                    |                        |       |                       |       |

SPECIAL PROVISION

SECTION 202

REMOVING STRUCTURES AND OBSTRUCTIONS

(Removing Rumble Strips)

202.01 Description

The following paragraph is added:

This work shall consist of grinding existing rumble strip locations to a depth of 1-1/2 inches, coating vertical and horizontal surfaces with bituminous tack coat, and installing 1-1/2 inches of hot mix asphalt, 9.5 mm over the entire milled area. Locations and lengths of removal shall be as shown on the Plans or as approved by the Resident.

The following Subsections are added:

202.011 Materials

Grinding shall be done in accordance with Section 202. Bituminous tack coat shall conform to Section 409.

Hot mix asphalt, 9.5 mm shall conform to Section 401.

202.025 General

Existing rumble strips are approximately 16 inches long, seven inches wide, 1/2 inch deep, and spaced approximately every five inches.

202.07 Method of Measurement

The following paragraph is added:

Removing Rumble Strips shall be measured by the linear foot removed and accepted. Measurement shall be parallel to the baseline.

202.08 Basis of Payment

The following sentences are added:

Removing Rumble Strips shall be paid for at the Contract unit price per linear foot which includes all grinding, bituminous tack coat, pavement, equipment and labor necessary to satisfactorily complete the work.

Payment will be made under:

Pay Item

Pay Unit

202.206      Removing Rumble Strips

Linear Foot

Date: 2/17/2025

| ESTIMATED QUANTITIES |   |      |         |               |           |          |         |
|----------------------|---|------|---------|---------------|-----------|----------|---------|
| ITEM NO.             | ITEM  | UNIT | PAVING  | BRIDGE REPAIR | GUARDRAIL | DRAINAGE | TOTAL   |
| 202.15               | REMOVING EXISTING MANHOLE OR CATCH BASIN  | EA   |         |               |           | 1        | 1       |
| 202.202              | REMOVING PAVEMENT SURFACE   | SY   | 312,000 |               |           |          | 312,000 |
| 202.2021             | REMOVING PAVEMENT SURFACE - BRIDGE DECK   | SY   |         | 4750          |           |          | 4750    |
| 202.205              | RUMBLE STRIPS   | EA   | 85,600  |               |           |          | 85,600  |
| 211.50               | MEDIAN RESTORATION  | LF   | 22,400  |               |           |          | 22,400  |
| 211.51               | MEDIAN RESTORATION WITH RAP   | LF   | 700     |               |           |          | 700     |
| 202.206              | REMOVING RUMBLE STRIPS  | LF   | 10,100  |               |           |          | 10,100  |
| 401.03               | BALANCED MIX DESIGN DATA COLLECTION   | LS   | 1       |               |           |          | 1       |
| 403.207              | HOT MIX ASPHALT, 19.0 mm NOMINAL MAXIMUM SIZE   | TON  | 65      |               |           |          | 65      |
| 403.2081             | HOT MIX ASPHALT, 12.5 mm (POLYMER MODIFIED) - RAP (MAINLINE)                          | TON  | 26,900  |               |           |          | 26,900  |
| 403.211              | HOT MIX ASPHALT, 9.5 mm NOMINAL MAXIMUM SIZE (SHIMMING)                               | TON  | 1000    |               |           |          | 1000    |
| 403.213              | HOT MIX ASPHALT, 12.5 mm (BASE AND INTERMEDIATE BASE COURSE)                          | TON  | 14      |               |           |          | 14      |
| 409.152              | BITUMINOUS TACK COAT NTSS - IHM TRACKLESS - APPLIED                                   | GAL  | 21,000  |               |           |          | 21,000  |
| 419.30               | SAWING BITUMINOUS PAVEMENT  | LF   | 500     | 840           |           |          | 1400    |
| 424.323              | ASPHALT RUBBER FIBER CRACK SEALER   | LB   | 23,400  |               |           |          | 23,400  |
| 424.324              | ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED  | LB   | 15,600  |               |           |          | 15,600  |
| 427.09               | PAVEMENT CRACK REPAIR   | LF   | 1000    |               |           |          | 1000    |
| 459.06               | BITUMINOUS CONCRETE WATERWAY - TYPE I   | EA   | 4       |               |           |          | 4       |
| 459.061              | BITUMINOUS CONCRETE WATERWAY - TYPE II  | EA   | 2       |               |           |          | 2       |
| 459.062              | BITUMINOUS CONCRETE WATERWAY - TYPE III   | EA   | 4       |               |           |          | 4       |
| 470.0801             | BERM DROPOFF CORRECTION - GRINDINGS   | LF   | 69,600  |               |           |          | 69,600  |
| 470.081              | BERM CORRECTION   | LF   | 1300    |               |           |          | 1300    |
| 508.14               | HIGH PERFORMANCE WATERPROOFING MEMBRANE (510 SY)                                      | LS   |         | 1             |           |          | 1       |
| 518.865              | ELASTOMERIC CONCRETE  | CF   |         | 96            |           |          | 96      |
| 518.866              | CONCRETE HEADER REPAIR  | CF   |         | 200           |           |          | 200     |
| 520.2301             | ASPHALTIC PLUG JOINT (B&M RAILROAD NB)  | LF   |         | 67            |           |          | 67      |
| 520.2302             | ASPHALTIC PLUG JOINT (B&M RAILROAD SB)  | LF   |         | 74            |           |          | 74      |
| 520.2303             | ASPHALTIC PLUG JOINT (ROUTE 109 NB)   | LF   |         | 57            |           |          | 57      |
| 520.2304             | ASPHALTIC PLUG JOINT (ROUTE 109 SB)   | LF   |         | 83            |           |          | 83      |
| 526.306              | TEMPORARY CONCRETE BARRIER, TYPE I - SUPPLIED BY THE AUTHORITY (1470 LF)              | LS   | 1       |               |           |          | 1       |
| 527.341              | WORK ZONE CRASH CUSHIONS TL-3   | UN   | 2       |               |           |          | 2       |
| 527.342              | WORK ZONE CRASH CUSHIONS TL-2   | UN   | 2       |               |           |          | 2       |
| 603.155              | 12 INCH REINFORCED CONCRETE PIPE - CLASS III  | LF   |         |               |           | 8        | 8       |
| 603.28               | CONCRETE COLLAR   | EA   |         |               |           | 1        | 1       |
| 604.09               | CATCH BASIN TYPE BI   | EA   |         |               |           | 1        | 1       |
| 604.184              | REBUILD CATCH BASIN TO GRADE - TYPE II  | EA   |         |               |           | 44       | 44      |
| 606.13               | 31"W-BEAM GUARDRAIL - MID-WAY SPLICE (7" STEEL POSTS, 8" OFFSET BLOCKS, SINGLE FACED) | LF   |         |               | 380       |          | 380     |
| 606.1307             | 31"W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL                                  | EA   |         |               | 3         |          | 3       |
| 606.132              | 31"W-BEAM GUARDRAIL - MID-WAY SPLICE (7" STEEL POSTS, 8" OFFSET BLOCKS, DOUBLE FACED) | LF   |         |               | 930       |          | 930     |
| 606.1351             | 31"W-BEAM GUARDRAIL - MID-WAY SPLICE TERMINAL END - ANCHORED END                      | EA   |         |               | 12        |          | 12      |
| 606.178              | GUARDRAIL BEAM  | LF   |         |               | 1000      |          | 1000    |
| 606.265              | TERMINAL END - SINGLE RAIL - GALVANIZED STEEL   | EA   |         |               | 1         |          | 1       |
| 606.352              | REFLECTORIZED BEAM GUARDRAIL DELINEATOR   | EA   |         |               | 480       |          | 480     |
| 606.356              | UNDERDRAIN DELINEATOR POST  | EA   |         |               |           | 35       | 35      |
| 606.3621             | GUARDRAIL ADJUST, SINGLE RAIL   | LF   |         |               | 15,400    |          | 15,400  |
| 606.3622             | GUARDRAIL ADJUST, DOUBLE RAIL   | LF   |         |               | 30,200    |          | 30,200  |
| 606.471              | SINGLE OFFSET BLOCK - W BEAM  | EA   |         |               | 100       |          | 100     |
| 606.472              | SINGLE OFFSET BLOCK - THRIE BEAM  | EA   |         |               | 10        |          | 10      |
| 606.48               | SINGLE GALVANIZED STEEL POST  | EA   |         |               | 50        |          | 50      |
| 606.63               | THRIE BEAM RAIL BEAM  | LF   |         |               | 200       |          | 200     |
| 606.701              | ASSYMETRIC THRIE BEAM TRANSITION  | EA   |         |               | 4         |          | 4       |
| 610.08               | PLAIN RIPRAP  | CY   |         |               |           | 230      | 230     |
| 613.319              | EROSION CONTROL BLANKET   | SY   | 24,700  |               |           |          | 24,700  |
| 618.14               | SEEDING METHOD NUMBER 2   | UNIT | 280     |               |           |          | 280     |
| 619.1201             | MULCH - PLAN QUANTITY   | UNIT | 280     |               |           |          | 280     |
| 619.1202             | TEMPORARY MULCH   | LS   | 1       |               |           |          | 1       |
| 620.58               | EROSION CONTROL GEOTEXTILE  | SY   |         |               |           | 670      | 670     |

| ESTIMATED QUANTITIES |  |      |         |               |           |          |         |
|----------------------|--|------|---------|---------------|-----------|----------|---------|
| ITEM NO.             | ITEM   | UNIT | PAVING  | BRIDGE REPAIR | GUARDRAIL | DRAINAGE | TOTAL   |
| 627.73               | TEMPORARY 6 INCH PAVEMENT MARKING TAPE                       | LF   | 21,100  |               |           |          | 21,100  |
| 627.731              | TEMPORARY 6 INCH BLACK PAVEMENT MARKING TAPE                 | LF   | 1200    |               |           |          | 1200    |
| 627.745              | 6" WHITE OR YELLOW TEMPORARY POLYUREA PAVEMENT MARKING LINE  | LF   | 26,000  |               |           |          | 26,000  |
| 627.77               | REMOVING EXISTING PAVEMENT MARKING                           | SF   | 6200    |               |           |          | 6200    |
| 627.78               | TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW             | LF   | 261,000 |               |           |          | 261,000 |
| 627.812              | TEMPORARY RAISED PAVEMENT MARKERS                            | EA   | 10,000  |               |           |          | 10,000  |
| 627.94               | PAVEMENT MARKING TAPE  | LF   | 4000    |               |           |          | 4000    |
| 627.941              | PAVEMENT MARKING TAPE - DOTTED WHITE LANE LINE, 6-INCH WIDTH | LF   | 860     |               |           |          | 860     |
| 629.05               | HAND LABOR, STRAIGHT TIME                                    | HR   | 40      |               |           |          | 40      |
| 631.10               | AIR COMPRESSOR (INCLUDING OPERATOR)                          | HR   |         | 40            |           |          | 40      |
| 631.11               | AIR TOOL (INCLUDING OPERATOR)                                | HR   |         | 40            |           |          | 40      |
| 631.112              | WELDING MACHINE (INCLUDING OPERATOR)                         | HR   |         | 40            |           |          | 40      |
| 631.12               | ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)                   | HR   | 60      |               |           |          | 60      |
| 631.133              | SKID STEER (INCLUDING OPERATOR)                              | HR   | 20      |               |           |          | 20      |
| 631.171              | TRUCK - SMALL (INCLUDING OPERATOR)                           | HR   | 40      |               |           |          | 40      |
| 631.172              | TRUCK - LARGE (INCLUDING OPERATOR)                           | HR   | 20      |               |           |          | 20      |
| 631.22               | FRONT END LOADER (INCLUDING OPERATOR)                        | HR   | 20      |               |           |          | 20      |
| 631.32               | CULVERT CLEANER (INCLUDING OPERATOR)                         | HR   | 80      |               |           |          | 80      |
| 631.36               | FOREMAN  | HR   | 40      |               |           |          | 40      |
| 652.30               | FLASHING ARROW   | EA   | 6       |               |           |          | 6       |
| 652.312              | TYPE III BARRICADES  | EA   | 5       |               |           |          | 5       |
| 652.35               | CONSTRUCTION SIGNS   | SF   | 5300    |               |           |          | 5300    |
| 652.361              | MAINTENANCE OF TRAFFIC CONTROL DEVICES                       | LS   | 0.81    | 0.06          | 0.10      | 0.03     | 1       |
| 652.41               | PORTABLE-CHANGEABLE MESSAGE SIGN                             | EA   | 7       |               |           |          | 7       |
| 652.4502             | TRUCK MOUNTED ATTENUATOR                                     | EA   | 3       |               |           |          | 3       |
| 652.4503             | TRUCK MOUNTED ATTENUATOR                                     | WEEK | 24      |               |           |          | 24      |
| 652.47               | SEQUENTIAL FLASHING WARNING LIGHTS                           | EA   | 190     |               |           |          | 190     |
| 656.50               | BALED HAY, IN-PLACE  | EA   | 160     |               |           |          | 160     |
| 656.60               | TEMPORARY BERMS  | LF   | 100     |               |           |          | 100     |
| 656.62               | TEMPORARY SLOPE DRAINS                                       | LF   | 30      |               |           |          | 30      |
| 656.632              | 30" TEMPORARY SILT FENCE                                     | LF   | 100     |               |           |          | 100     |
| 659.10               | MOBILIZATION   | LS   | 0.81    | 0.06          | 0.10      | 0.03     | 1       |

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Addendum No. 2  
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Filename: ...EstimateADD2.dgn

| Scale: NOT TO SCALE |                    |     |       |
|---------------------|--------------------|-----|-------|
| No.                 | Revision           | By  | Date  |
| △                   | QUANTITY REVISIONS | JRH | 02/25 |
| △                   | QUANTITY REVISIONS | JRH | 02/25 |

|   |     |      |              |     |      |
|---|-----|------|--------------|-----|------|
| Designed by:                                |     |      |              |     |      |
|   |     |      |              |     |      |
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, PE |     |      |              |     |      |
| Designed                                    | By  | Date | Checked      | By  | Date |
| Drawn                                       | KBJ | 1\25 | In Charge of | JRH | 1\25 |

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## THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: KRISTI VAN OUYEN, PE

PAVEMENT REHABILITATION  
MM 13.4 TO MM 20.0  
ESTIMATED QUANTITIES

SHEET NUMBER: EQ-01  
CONTRACT: 2025.01  
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