

March 31, 2025

ADDENDUM NO. 1

**RE: Item #4, April 2, 2025 Letting - IM 0903(117)131, PCN 091K, Jackson, Jones, Lyman County
- LSDC Overlay, Joints, Approach Surfacing, Guardrail, Column Repair**

TO WHOM IT MAY CONCERN:

The following addenda to the plans shall be inserted and made a part of your proposal for the referenced project.

SPECIAL PROVISIONS: NO CHANGE

SDEBS BID PROPOSAL: *The electronic bid proposal for this contract has been revised to include the changes associated with this addendum. Bidders must log in to the SDEBS to retrieve and incorporate these changes into their bid.*

Quantities for Bid Items were changed:

Bid Item 634E0900 "Portable Temporary Traffic Control Signal" changed from 4 to 6 Unit

PLANS: Please destroy sheets 2 & 5 and replace with the enclosed sheets, dated 3/31/25.

Sheet 2: Bid Item 634E0900 "Portable Temporary Traffic Control Signal" changed from 4 to 6 Unit.

Sheet 5: Paragraph 2 of the GENERAL TRAFFIC CONTROL note was revised.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Jason Humphrey, Pierre Region Engineer
Doug Sherman, Winner Area Engineer

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS



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|-----------------|-------|--------------|
| PROJECT | SHEET | TOTAL SHEETS |
| IM 0903(117)131 | 2 | 126 |

Revised 3/31/2025 - Quantities Modified

GENERAL QUANTITIES

Structure No. 36-120-107

Structure No. 42-100-202

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|--|----------|------|
| 009E0010 | Mobilization | Lump Sum | LS |
| 110E0300 | Remove Concrete Curb and/or Gutter | 121 | Ft |
| 110E0730 | Remove Beam Guardrail | 1,508.0 | Ft |
| 110E1010 | Remove Asphalt Concrete Pavement | 1.5 | SqYd |
| 110E7700 | Remove Drop Inlet Frame and Grate Assembly for Reset | 2 | Each |
| 120E0600 | Contractor Furnished Borrow Excavation | 377 | CuYd |
| 230E0100 | Remove and Replace Topsoil | Lump Sum | LS |
| 260E1010 | Base Course | 735.0 | Ton |
| 320E1200 | Asphalt Concrete Composite | 184.1 | Ton |
| 332E0010 | Cold Milling Asphalt Concrete | 1,091 | SqYd |
| 630E0500 | Type 1 MGS | 225.0 | Ft |
| 630E1010 | Straight Class A W Beam Guardrail with Wood Posts | 75.0 | Ft |
| 630E1050 | Straight Class B W Beam Guardrail with Wood Posts | 50.0 | Ft |
| 630E1150 | Straight Double Class B W Beam Guardrail with Wood Posts | 52.0 | Ft |
| 630E1501 | Type 1 Retrofit Guardrail Transition | 8 | Each |
| 630E2015 | W Beam Guardrail Flared End Terminal | 4 | Each |
| 630E2018 | MGS MASH Tangent End Terminal | 8 | Each |
| 630E2095 | Assembly for Missing Post in Transition Retrofit | 2 | Each |
| 630E2300 | Rubrail | 34.0 | Ft |
| 632E2220 | Guardrail Delineator | 48 | Each |
| 633E1220 | High Build Waterborne Pavement Marking Paint, 4" White | 2,328 | Ft |
| 633E1222 | High Build Waterborne Pavement Marking Paint, 4" Yellow | 2,328 | Ft |
| 634E0010 | Flagging | 200.0 | Hour |
| 634E0110 | Traffic Control Signs | 966.6 | SqFt |
| 634E0120 | Traffic Control, Miscellaneous | Lump Sum | LS |
| 634E0275 | Type 3 Barricade | 1 | Each |
| 634E0560 | Remove Pavement Marking, 4" or Equivalent | 1,080 | Ft |
| 634E0600 | 4" Temporary Pavement Marking Tape Type I | 576 | Ft |
| 634E0640 | Temporary Pavement Marking | 3,056 | Ft |
| 634E0700 | Traffic Control Movable Concrete Barrier | 60 | Each |
| 634E0900 | Portable Temporary Traffic Control Signal | 6 | Unit |
| 634E1002 | Detour and Restriction Signing | 240.0 | SqFt |
| 650E4360 | Type D46 Concrete Curb and Gutter | 62 | Ft |
| 670E7000 | Reset Drop Inlet Frame and Grate Assembly | 2 | Each |
| 734E0010 | Erosion Control | Lump Sum | LS |
| 734E0845 | Sediment Control at Inlet with Frame and Grate | 10 | Each |

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|--|----------|------|
| 009E3310 | Bridge Elevation Survey | Lump Sum | LS |
| 550E0010 | Low Slump Dense Concrete Bridge Deck Overlay | 107 | CuYd |
| 550E0100 | Concrete Removal Type 1A | 1,479.2 | SqYd |
| 550E0110 | Concrete Removal Type 1B | 147.9 | SqYd |
| 550E0120 | Concrete Removal Type 1C | 74.0 | SqYd |
| 550E0130 | Concrete Removal Type 1D | 74.0 | SqYd |
| 550E0140 | Concrete Removal Type B | 20.0 | Ft |
| 550E0200 | Class A45 Concrete Fill | 15.9 | CuYd |
| 550E0500 | Finishing and Curing | 1,479.2 | SqYd |

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 460E0174 | Concrete Patching Material, Miscellaneous | 6.9 | CuFt |
| 460E0300 | Breakout Structural Concrete | 0.3 | CuYd |

Structure No. 43-100-201

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 460E0174 | Concrete Patching Material, Miscellaneous | 1.5 | CuFt |
| 460E0300 | Breakout Structural Concrete | 0.1 | CuYd |

Structure No. 38-030-185

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|--|----------|------|
| 009E3310 | Bridge Elevation Survey | Lump Sum | LS |
| 410E2220 | Replace Expansion Device | 2 | Each |
| 460E0070 | Class A45 Concrete, Bridge Repair | 8.0 | CuYd |
| 460E0174 | Concrete Patching Material, Miscellaneous | 4.7 | CuFt |
| 460E0300 | Breakout Structural Concrete | 8.2 | CuYd |
| 480E0200 | Epoxy Coated Reinforcing Steel | 828 | Lb |
| 480E0505 | No. 5 Rebar Splice | 20 | Each |
| 480E5000 | Galvanic Anode | 68 | Each |
| 550E0010 | Low Slump Dense Concrete Bridge Deck Overlay | 72 | CuYd |
| 550E0100 | Concrete Removal Type 1A | 932.6 | SqYd |
| 550E0110 | Concrete Removal Type 1B | 93.3 | SqYd |
| 550E0120 | Concrete Removal Type 1C | 46.6 | SqYd |
| 550E0130 | Concrete Removal Type 1D | 46.6 | SqYd |
| 550E0140 | Concrete Removal Type B | 20.0 | Ft |
| 550E0200 | Class A45 Concrete Fill | 9.1 | CuYd |
| 550E0500 | Finishing and Curing | 932.6 | SqYd |

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 2015 Edition and Required Provisions, Supplemental Specifications, and Special Provisions as included in the Proposal.

Structure No. 38-166-196

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|--|----------|------|
| 009E3310 | Bridge Elevation Survey | Lump Sum | LS |
| 550E0010 | Low Slump Dense Concrete Bridge Deck Overlay | 129 | CuYd |
| 550E0100 | Concrete Removal Type 1A | 1,705.4 | SqYd |
| 550E0105 | Concrete Removal Type 2A | 426.3 | SqYd |
| 550E0110 | Concrete Removal Type 1B | 173.6 | SqYd |
| 550E0120 | Concrete Removal Type 1C | 86.8 | SqYd |
| 550E0130 | Concrete Removal Type 1D | 86.8 | SqYd |
| 550E0140 | Concrete Removal Type B | 20.0 | Ft |
| 550E0200 | Class A45 Concrete Fill | 16.2 | CuYd |
| 550E0500 | Finishing and Curing | 1,705.4 | SqYd |





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| PROJECT | SHEET | TOTAL SHEETS |
| IM 0903(117)131 | 5 | 126 |

Revised 3/31/2025 - Traffic Note Modified

SEQUENCE OF OPERATIONS

The Contractor will submit a sequence of operations for approval two weeks prior to the preconstruction meeting. If changes to the sequence of operations are proposed during the project, these must be submitted for review a minimum of one week prior to potential implementation. Approval for changes to the sequence of operations will only be allowed when the proposed changes meet with the Department's intent for traffic control and sequencing of the work.

COORDINATION BETWEEN CONTRACTORS

A separate contract for project P 0240(15)162 PCN 09FR will be awarded to another Contractor for the work listed below, adjacent to this project. The work limits are listed as well.

| Highway | PCN | Work | Begin MRM | End MRM |
|---------|------|----------------|-----------|---------|
| 240 | 09FR | AC Resurfacing | 162.68 | 165.85 |

The Contractor will schedule work so as not to interfere with or hinder the progress of the work performed by the other Contractor on PCN 09FR. Conflicting traffic control devices may need to be temporarily adjusted or removed as directed by the Engineer and at no additional cost to the contract.

GENERAL TRAFFIC CONTROL

Existing guide, route, informational logo, regulatory, and warning signs will be temporarily reset and maintained during construction. Removing, relocating, covering, salvaging, and resetting of existing traffic control devices, including delineation, will be the responsibility of the Contractor. Cost for this work will be incidental to the contract unit prices for the various items unless otherwise specified in the plans. Any delineators and signs damaged or lost will be replaced by the Contractor at no cost to the State.

Traffic control at structure No. 38-030-185 will utilize Plate 634.25, structure No. 36-166-196 will utilize Plate 634.26, and structure Nos. 43-100-201 & 43-100-202 will utilize plate 634.23. Traffic control for structure No. 36-120-107 is shown in the plans and will require 4 signal heads, and concrete barriers with sloped ends.

All temporary traffic control sign locations will be set in the field by the Contractor and verified by the Engineer prior to installation.

All temporary speed limit signs will have a minimum mounting height of 5 feet in rural locations, even when mounted on portable supports.

All construction operations will be conducted in the general direction of traffic movement.

If there is a discrepancy between the traffic control plans, standard plates, and the MUTCD, whichever is more stringent will be used, as determined by the Engineer.

Unless otherwise stated in these plans, work will not be allowed during hours of darkness.

Fixed location signing placed more than 4 calendar days prior to the start of construction will be covered or laid down until the time of construction. The covers must be approved by the Engineer prior to installation. The cost of materials, labor, and equipment necessary to complete this work will be incidental to other contract items. No separate payment will be made.

All fixed location signs, sign posts, and breakaway bases will be removed within 7 calendar days following pavement marking.

All haul trucks will be equipped with an additional flashing amber light that is visible from the backside of the haul truck. The costs for the flashing amber lights will be incidental to the various related contract items.

Traffic will be maintained on the driving lanes. Use of the shoulder as a driving lane will not be permitted. Any damage to the shoulder due to rerouted traffic or Contractor's equipment will be repaired at no expense to the Department.

The Contractor will furnish, install, maintain, and remove TRUCK CROSSING (W8-6) signs daily. The TRUCK CROSSING signs will be displayed always when haul vehicles are hauling material. When hauling conditions no longer exist, the signs will be covered or removed from view. The exact number and location will be determined during construction. Payment for additional signs will be based on the contract unit price per square foot for "Traffic Control Signs".

A mobile work operation will be allowed provided the rumble strip or rumble stripe grooving, flush sealing, and pavement marking can be completed satisfactorily by a continuously moving work operation. A mobile work operation will require approval by the Engineer.

If inappropriate or conflicting pavement markings exist, the markings will be removed and replaced with applicable temporary pavement markings when the work duration is more than 3 days. When the work duration is less than 3 days, the channelizing devices in the area where the pavement markings conflict will be placed at one-half of the normal channelizing device spacing. Pavement marking removals will be incidental to the contract unit price per foot for "Remove Pavement Marking, 4" or equivalent". Temporary pavement marking will be paid for at the contract unit price per mile/foot for "Temporary Pavement Marking". The additional channelizing devices will be incidental to the contract lump sum price for "Traffic Control, Miscellaneous".

FLAGGING

Operations will be conducted so that the traveling public will not have to wait longer than 10 minutes at the flagger station.

The flaggers will be used as directed by the Engineer and will be used primarily during daytime hours.

It is required that the flaggers be able to communicate with one another. If an emergency vehicle needs to pass through the project, the Contractor will be required to expedite traffic movement. All costs associated with this will be incidental to the contract unit price per hour for "Flagging".

OVERWIDTH RESTRICTION AND DETOUR SIGNING

The Contractor will furnish and install the overwidth restriction signs as shown in these plans. Prior to installing the signs, the Contractor will mark the sign locations and review them with the Engineer. Overwidth restriction signs will be installed on fixed location, ground mounted, breakaway supports. It will be the responsibility of the Contractor to maintain and reinstall these signs during the project as required by the construction progress. Upon completion of the project, the Contractor will remove the overwidth restriction signs.

All costs for furnishing the signs, posts, and mounting hardware, and for installing, maintaining, covering, and removing the overwidth restriction signs will be incidental to the contract unit price per square foot for "Detour and Restriction Signing".

