

May 31, 2024

ADDENDUM NO. 1

**RE: Item #1, June 5, 2024 Letting - BRO-B 8034(34), PCN 0851, Hutchinson County - Structure
(102' Continuous Concrete Bridge) & Approach Grading**

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.*

Bid Items were added:

Bid Item 900E1080 "Orange Plastic Safety Fence"

PLANS: Please destroy sheets 2 and 21 and replace with the enclosed sheets, dated 5/30/24.

Sheet 2: Bid Item 900E1080 "Orange Plastic Safety Fence" was added.

Sheet 21: Orange Plastic Safety Fence was added.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Travis Dressen, Mitchell Region Engineer
Jay Peppel, Mitchell Area Engineer

GRADING:

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 004E0030 | Maintenance of Traffic Diversion(s) | Lump Sum | LS |
| 009E0010 | Mobilization | Lump Sum | LS |
| 009E3200 | Construction Staking | Lump Sum | LS |
| 009E3301 | Engineer Directed Surveying/Staking | 20.0 | Hour |
| 100E0020 | Clear and Grub Tree | 45 | Each |
| 100E0100 | Clearing | Lump Sum | LS |
| 110E0130 | Remove Traffic Sign | 2 | Each |
| 110E0135 | Remove Delineator | 17 | Each |
| * 110E0600 | Remove Fence | 348 | Ft |
| 110E0730 | Remove Beam Guardrail | 81.0 | Ft |
| 110E1010 | Remove Asphalt Concrete Pavement | 270.0 | SqYd |
| 110E1690 | Remove Sediment | 2.5 | CuYd |
| 110E7150 | Remove Sign for Reset | 9 | Each |
| 120E0010 | Unclassified Excavation | 1,788 | CuYd |
| 120E0600 | Contractor Furnished Borrow Excavation | 370 | CuYd |
| 120E6200 | Water for Granular Material | 4.9 | MGal |
| 230E0010 | Placing Topsoil | 537 | CuYd |
| 260E1010 | Base Course | 444.5 | Ton |
| * 620E0020 | Type 2 Right-of-Way Fence | 348 | Ft |
| * 620E1020 | 2 Post Panel | 8 | Each |
| * 620E1030 | 3 Post Panel | 1 | Each |
| 630E0010 | Straight Class A Thrie Beam Guardrail with Wood Posts | 25.0 | Ft |
| 630E1010 | Straight Class A W Beam Guardrail with Wood Posts | 25.0 | Ft |
| 630E1020 | Curved Class A W Beam Guardrail with Wood Posts | 62.5 | Ft |
| 630E2000 | W Beam to Thrie Beam Guardrail Transition | 4 | Each |
| 630E2020 | W Beam Guardrail Tangent End Terminal | 4 | Each |
| 632E3500 | Reset Sign | 9 | Each |
| 634E0110 | Traffic Control Signs | 139.5 | SqFt |
| 634E0120 | Traffic Control, Miscellaneous | Lump Sum | LS |
| 634E0275 | Type 3 Barricade | 7 | Each |
| 734E0010 | Erosion Control | Lump Sum | LS |
| 734E0154 | 12" Diameter Erosion Control Wattle | 1,050 | Ft |
| 734E0165 | Remove and Reset Erosion Control Wattle | 263 | Ft |
| 734E0602 | Low Flow Silt Fence | 405 | Ft |
| 734E0610 | Mucking Silt Fence | 29 | CuYd |
| 734E0620 | Repair Silt Fence | 102 | Ft |
| 900E0010 | Refurbish Single Mailbox | 2 | Each |
| 900E1080 | Orange Plastic Safety Fence | 500 | Ft |

* - Denotes Non-Participating

SPECIFICATIONS

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

STRUCTURE No. 51-195-220:

| BID ITEM NUMBER | ITEM | QUANTITY | UNIT |
|-----------------|---|----------|------|
| 009E3310 | Bridge Elevation Survey | Lump Sum | LS |
| 120E7000 | Select Granular Backfill | 13.2 | Ton |
| 250E0030 | Incidental Work, Structure | Lump Sum | LS |
| 420E0100 | Structure Excavation, Bridge | 1,294 | CuYd |
| 430E0200 | Bridge End Embankment | 1,798 | CuYd |
| 430E0300 | Granular Bridge End Backfill | 44.6 | CuYd |
| 460E0030 | Class A45 Concrete, Bridge Deck | 139.5 | CuYd |
| 460E0050 | Class A45 Concrete, Bridge | 324.6 | CuYd |
| 460E0502 | Deck Drain, Slab Bridge | 10 | Each |
| 480E0100 | Reinforcing Steel | 42,070 | Lb |
| 480E0200 | Epoxy Coated Reinforcing Steel | 41,212 | Lb |
| 510E3401 | HP 12x53 Steel Test Pile, Furnish and Drive | 120 | Ft |
| 510E3405 | HP 12x53 Steel Bearing Pile, Furnish and Drive | 2,750 | Ft |
| 510E3861 | 16"x0.375" Steel Pipe Test Pile, Furnish and Drive | 130 | Ft |
| 510E3865 | 16"x0.375" Steel Pipe Bearing Pile, Furnish and Drive | 600 | Ft |
| 700E0210 | Class B Riprap | 1,421.0 | Ton |
| 700E1100 | Overburden Excavation for Riprap | 960 | CuYd |
| 831E0110 | Type B Drainage Fabric | 1,662 | SqYd |
| 831E1030 | Perforated Geocell | 376 | SqFt |

ENVIRONMENTAL COMMITMENTS

The SDDOT is committed to protecting the environment and uses Environmental Commitments as a communication tool for the Engineer and Contractor to ensure that attention is given to avoid, minimize, and/or mitigate an environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency with permitting authority can delay a project if identified environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. During construction, the Project Engineer will verify that the Contractor has met Environmental Commitment requirements. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office.

Additional guidance on SDDOT's Environmental Commitments can be accessed through the Environmental Procedures Manual found at: <https://dot.sd.gov/media/documents/EnvironmentalProceduresManual.pdf>

For questions regarding change orders in the field that may have an effect on an Environmental Commitment, the Project Engineer will contact the Environmental Engineer at 605-773-3180 or 605-773-4336 to determine whether an environmental analysis and/or resource agency coordination is necessary.

Once construction is complete, the Project Engineer will review all environmental commitments for the project and document their completion.

COMMITMENT A: AQUATIC RESOURCES

COMMITMENT A1: WETLANDS

All efforts to avoid and minimize wetland impacts from the project have resulted in approximately 0.254 acre of wetlands (includes temporary and permanent) becoming impacted. Refer to plans for location and boundaries of the impacted wetlands.

Table of Impacted Wetlands

| Wetland No. | Station | Perm. Impact Left (Acres) | Perm. Impact Right (Acres) | Temp. Impact Left (Acres) | Temp. Impact Right (Acres) | Total Impact (Acres) |
|-------------|-----------------|---------------------------|----------------------------|---------------------------|----------------------------|----------------------|
| WL 1 | 104+30 - 107+30 | 0.010 | 0.021 | 0.008 | 0.045 | 0.084 |
| WL 2 | 104+06 - 105+98 | 0.000 | 0.025 | 0.000 | 0.145 | 0.170 |

Action Taken/Required:

Mitigation is required in accordance with the "Statewide Finding Regarding Wetlands for South Dakota Federal-Aid Highway Projects (February 2018)". Replacement of 0.031 acre of permanent wetland impacts will be completed through another wetland mitigation opportunity in a manner which considers FHWA's program-wide goal of 'net gain' of wetlands through enhancement, creation, and preservation.

Temporary impacts identified in the Table of Impacted Wetlands will not be mitigated as original contours and elevations will be re-established. Prior to initiating temporary work in wetlands, the Contractor will submit a plan to the Project Engineer in accordance with Section 7.21 D of the Specifications.

The Contractor will notify the Project Engineer if additional easement is needed to complete work adjacent to any wetland. The Project Engineer will obtain an appropriate course of action from the Environmental Office before proceeding with construction activities that affect any wetlands beyond the work limits and easements shown in the plans.

COMMITMENT A2: STREAMS

All efforts to avoid and minimize stream impacts from the project have resulted in approximately 0.401 acre of stream (includes temporary and permanent) becoming impacted. Refer to plans for location and boundaries of the impacted streams.



- 104+71 to 107+93 L/R
Take Out 13 Delineators
- 105+84 to 107+38 L/R
Take Out 2 Weight Limit Signs
- 105+99 to 107+01 L/R
Take Out 4 Object Marker Signs
- 107+38 L
Remove 1 Address Sign for Reset
- 107+49 R - 107+63 R
Remove 4 Informational Sign for Reset
- 107+72 L
Remove 3 Informational Sign for Reset
- 107+93 L
Remove 1 Address Sign for Reset
- 107+38 L
Reset 1 Address Sign
- 107+49 R - 107+63 R
Reset 4 Informational Sign
- 107+72 L
Reset 3 Informational Sign
- 107+93 L
Reset 1 Address Sign

- 103+96 to 105+39
Take out 270 Sq. Yds. of Asphaltic Concrete
- 103+30-19' L to 106+20-69' L
Take out 328' Fence
- 105+79-69' L to 105+92-59' L
Take out 20' Fence
- 103+30 L
Begin Type 2 Fence
7-2 PP
1-3 PP
End Type 2 Fence (315')
- 106+07 L
End Orange Plastic Safety Fence (500')

- 105+40-14' L to 106+04-14' L
Install Guardrail:
12'-6" W-Beam to Thrie Beam Transition
12'-6" W-Beam
1-Tangent End Terminal
- 105+24-14' R to 105+96-14' R
Install Guardrail:
12'-6" Thrie Beam
12'-6" W-Beam to Thrie Beam Transition
31'-3" W-Beam
1-Tangent End Terminal

- 106+50
Install 102'-1 1/8" Continuous Concrete Bridge (DA = 276.74 sq mi)
- 105+79 L
Begin Type 2 Fence
1-2 PP
105+92 L
End Type 2 Fence (33') (Add 1 Low Tensile Hot-Wire)

- 106+66-55' L
Take out 76'-5" Long - Steel Girder Bridge
Structure No. 34-157-051
Salvage Timber Deck (Incidental Work, Structure)
- 106+66-55' L
Take out Guardrail (81 LF)

- 107+04-14' L to 107+33-39' L
Install Guardrail:
12'-6" W-Beam
12'-6" W-Beam to Thrie Beam Transition
1-Tangent End Terminal

- 106+96-14' R to 107+97-15' R
Install Guardrail:
12'-6" Thrie Beam
12'-6" W-Beam to Thrie Beam Transition
31'-3" W-Beam
1-Tangent End Terminal
- 107+37-78' L & 107+92-13' L
Refurbish Single Mailbox
- 104+00 to 107+28 L
Clear and Grub 26 Trees
- 104+00 to 107+28 R
Clear and Grub 15 Trees
- 107+10 to 108+00 L
Clear and Grub 4 Trees

| | | | |
|-----------------------|----------------|-------|--------------|
| STATE OF SOUTH DAKOTA | PROJECT | SHEET | TOTAL SHEETS |
| | BRO-B 8034(34) | 21 | 110 |

Plotting Date: 5/30/2024

Revised: 5/30/2024 SMI

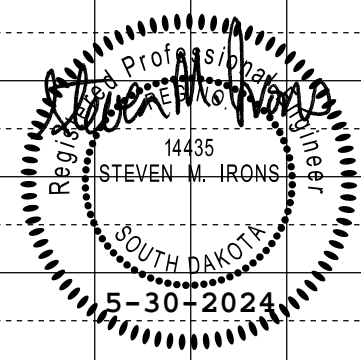
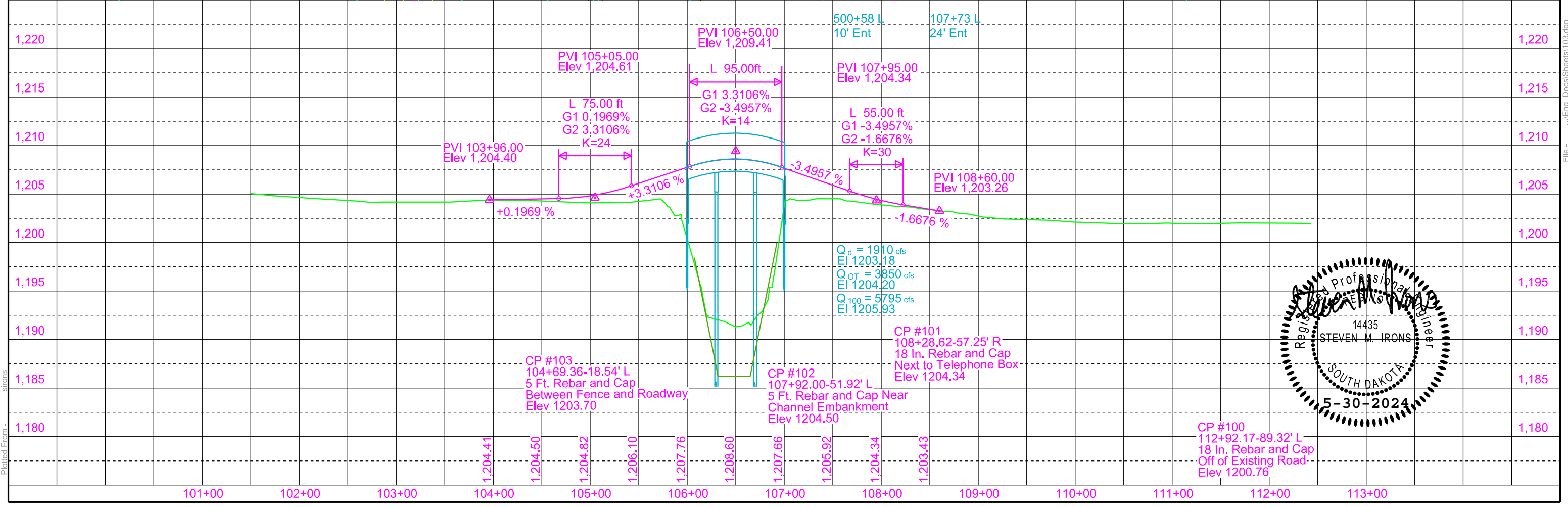


BEGIN BRO-B 8034(34)
BEGIN GRADING

STA. 103+96.00
103+00 L (---)
Begin Orange Plastic Safety Fence
106+37 L
End Orange Plastic Safety Fence (500')

END BRO-B 8034(34)
END GRADING
STA. 109+00.00

Sec 3 - T99N - R59W



Plot Scale - 1:100

Plot Name -

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Plotted From -