

April 25, 2024

ADDENDUM NO. 1

RE: Item #2, May 1, 2024 Letting - NH 0083(91)118, NH 0014(243)131, P 0047(123)52, P 1806(26)145, PCN 081K, 081L, 08JC, 08JA, Haakon, Jackson, Lyman, Stanley County - Polymer Chip Seal, Approach Slabs

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 634E0760 "Temporary Concrete Barrier End Protection Module Set or Repair Kit"

PLANS: Please destroy sheets A1 and C2 and replace with the enclosed sheets, dated ???????.

Sheets A1 & C2: Bid Item 634E0760 "Temporary Concrete Barrier End Protection Module Set or Repair Kit" was added.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Jason Humphrey, Pierre Region Engineer
Dean VanDeWiele, Pierre Area Engineer

ESTIMATE OF QUANTITIES AND ENVIRONMENTAL COMMITMENTS

STATE OF SOUTH DAKOTA	PROJECT NH 0083(91)118, NH 0014(243)131, P 1806(26)145, P 0047(123)52	SHEET	TOTAL SHEETS
		A1	A4

Revised 04/18/2024 JPJ

INDEX OF SHEETS

A1 and A2 Estimate of Quantities for Sections C, E, and F
A3 and A4 Environmental Commitments

Section C - Traffic Control

PCN 081K

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E0010	Cold Applied Plastic Pavement Marking, 4"	630	Ft
633E0030	Cold Applied Plastic Pavement Marking, 24"	16	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	1	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	6	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	10	Gal
633E1272	High Build Waterborne Pavement Marking Paint, Arrow	1	Each
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	630	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	16	Ft
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	1	Each
634E0010	Flagging	40.0	Hour
634E0110	Traffic Control Signs	201.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0275	Type 3 Barricade	4	Each
634E0525	Linear Delineation System Panel, Barrier Mounted	52	Each
634E0700	Traffic Control Movable Concrete Barrier	52	Each
634E0750	Temporary Concrete Barrier End Protection	2	Each
634E0755	Remove and Reset Temporary Concrete Barrier End Protection	2	Each
634E0760	Temporary Concrete Barrier End Protection Module Set or Repair Kit	1	Each
634E1002	Detour and Restriction Signing	1,053.0	SqFt
634E2015	Temporary Pedestrian Access Route	Lump Sum	LS
634E2020	Temporary Curb Ramp	1	Each
634E2025	Longitudinal Pedestrian Barrier	750	Ft

PCN 081L

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	6	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	4	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	490.2	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	381	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	7,032	Ft
634E1002	Detour and Restriction Signing	1,026.0	SqFt

PCN 08JA

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	3	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	2	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	221.8	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	193	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	4,688	Ft

PCN 08JC

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	3	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	1	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	163.4	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	209	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	2,344	Ft
634E1002	Detour and Restriction Signing	477.0	SqFt

Section E - Structure

PCN 081K - Structure No. 59-398-295

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E3310	Bridge Elevation Survey	Lump Sum	LS
110E0010	Remove Concrete Bridge Approach Slab	262.7	SqYd
110E0020	Remove Bridge Railing	899	Ft
120E0010	Unclassified Excavation	15	CuYd
430E0300	Granular Bridge End Backfill	32.6	CuYd
430E0510	Approach Slab Underdrain Excavation	2.0	CuYd
460E0010	Class A45 Concrete, Bridge Barrier	4.4	CuYd
460E0150	Concrete Approach Slab for Bridge	277.6	SqYd
460E0160	Concrete Approach Sleeper Slab for Bridge	29.7	SqYd
460E0200	Special Surface Finish	5,798	SqFt
470E0120	Steel Pedestrian Railing on Sidewalk	434.0	Ft
470E0220	Steel Pedestrian Railing on Concrete Barrier	429.5	Ft
480E0200	Epoxy Coated Reinforcing Steel	1,252	Lb
480E0504	No. 4 Rebar Splice	32	Each
480E0505	No. 5 Rebar Splice	14	Each
480E0506	No. 6 Rebar Splice	51	Each
480E0508	No. 8 Rebar Splice	2	Each
491E0005	Two Coat Bridge Deck Polymer Chip Seal	2,292.8	SqYd
491E0110	Abrasive Blasting of Bridge Deck	2,292.8	SqYd
491E0120	Bridge Deck Grinding	2,292.8	SqYd
491E0130	Concrete Removal, Class A	26.2	SqYd
491E0140	Concrete Removal, Class B	26.2	SqYd
491E0172	Concrete Patching Material, Bridge Deck	152.4	CuFt
621E0300	Chain Link Fence for Bridge Sidewalk	434	Ft
651E0140	4" Reinforced Concrete Sidewalk	350	SqFt
680E0040	4" Underdrain Pipe	61	Ft
680E2500	Porous Backfill	3.8	Ton
900E8900	Anchor Bolt Coring	76.5	Ft

PCN 081L - Structure No. 28-122-513

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
491E0005	Two Coat Bridge Deck Polymer Chip Seal	500.6	SqYd
491E0110	Abrasive Blasting of Bridge Deck	500.6	SqYd
491E0120	Bridge Deck Grinding	500.6	SqYd
491E0130	Concrete Removal, Class A	40.9	SqYd
491E0140	Concrete Removal, Class B	40.9	SqYd
491E0172	Concrete Patching Material, Bridge Deck	238.0	CuFt

SECTION C ESTIMATE OF QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0014(243)131, NH 0083(91)118, P 1806(26)145, P 0047(123)52	C2	C16

Revised 04/18/2024 JPJ

PCN 081K – Str. No. 59-398-295

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E0010	Cold Applied Plastic Pavement Marking, 4"	630	Ft
633E0030	Cold Applied Plastic Pavement Marking, 24"	16	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	1	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	6	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	10	Gal
633E1272	High Build Waterborne Pavement Marking Paint, Arrow	1	Each
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	630	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	16	Ft
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	1	Each
634E0010	Flagging	40.0	Hour
634E0110	Traffic Control Signs	201.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0275	Type 3 Barricade	4	Each
634E0525	Linear Delineation System Panel, Barrier Mounted	52	Each
634E0700	Traffic Control Movable Concrete Barrier	52	Each
634E0750	Temporary Concrete Barrier End Protection	2	Each
634E0755	Remove and Reset Temporary Concrete Barrier End Protection	2	Each
634E0760	Temporary Concrete Barrier End Protection Module Set or Repair Kit	1	Each
634E1002	Detour and Restriction Signing	1,053.0	SqFt
634E2015	Temporary Pedestrian Access Route	Lump Sum	LS
634E2020	Temporary Curb Ramp	1	Each
634E2025	Longitudinal Pedestrian Barrier	750	Ft

PCN 081L – Str. No. 36-145-015, 28-122-513, 59-023-299

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	6	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	4	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	490.2	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	381	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	7,032	Ft
634E1002	Detour and Restriction Signing	1,026.0	SqFt

PCN 08JA – Str. No. 43-216-034, 43-218-036

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	3	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	2	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	221.8	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	193	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	4,688	Ft

PCN 08JC – Str. No. 43-422-370

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E4100	Construction Schedule, Category I	Lump Sum	LS
633E1200	High Build Waterborne Pavement Marking Paint, White	3	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	1	Gal
634E0010	Flagging	60.0	Hour
634E0110	Traffic Control Signs	163.4	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0135	Traffic Control Supervisor	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	209	Ft
634E0600	4" Temporary Pavement Marking Tape Type I	2,344	Ft
634E1002	Detour and Restriction Signing	477.0	SqFt

SEQUENCE OF OPERATIONS

The following sequences of operations will be followed:

PCN 081K

See Traffic Control Barrier Layout sheet in Section C, and follow Scope of Bridge Work & Sequence of Operations for 434' - 0" Cont. Comp. Girder Bridge in Section E.

ALL OTHERS

1. Install traffic control as shown in Standard Plate 634.24 and Traffic Control Barrier Layout Sheet (Section C) to close one half of the structure for bridge structure work (see Section E). Install first pass of temporary pavement markings.
2. Perform all required structural work on the closed lane(s) of the bridge deck. (See Section E notes, Scope of Bridge Work & Sequence of Operations).
3. Switch traffic control to close the opposite half of the structure. Install second pass of temporary pavement markings.
4. Perform all required structural work on the closed lane(s) of the bridge deck. (See Section E notes).
5. Place permanent pavement markings.
6. Remove temporary traffic control, including signs.

Contractor requests to deviate from the sequence of operations will be submitted in writing to the Engineer for review. Approval of an alternate 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. An alternate sequence will be submitted for review a minimum of one week prior to potential implementation.

COORDINATION BETWEEN CONTRACTORS

The Contractor will schedule the work so as not to interfere with or hinder the progress of the work performed by other Contractors for Project NH 0014(243)167 - PCN 05E9, Mill & AC Resurfacing of US 14 from MRM 190.03 to MRM 167.02+0.676 and upcoming projects NH-P 0031(59) – PCN 0973, Asphalt Surface Treatment, various locations in the Pierre Area and P 0034(206)245 – PCN06T0, Mill & AC Resurfacing & Bike Path AC Resurfacing of SD34, SD 34 E & W – Fm Cleveland Ave to Farm Island Road in Pierre. Conflicting traffic control devices may need to be temporarily adjusted or removed as directed by the Engineer at no additional cost to the contract. If the projects are occurring simultaneously, the work zones of the bridge deck polymer chip seals will be extended to the AC overlay project.

05E9 Contractor Contact Information:

Central Specialties, Inc
Attn: Alex Sweep
Ph: (320) 760-7289

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.

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

Portable sign supports will not be located on sidewalks, bicycle facilities, or other areas designated for pedestrian or bicycle traffic.

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.