DEPARTMENT OF TRANSPORTATION

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April 15, 2025

ADDENDUM NO. 1

RE: Item #6, April 16, 2025 Letting - NH 0281(125)35, NH 0018(237)348, PCN 06PE, 08GN, Charles Mix, Douglas County - Cold Milling, Asphalt Concrete Resurfacing, Pipe Work & Pavement Markings

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 210E0100 "Shoulder Clearing"

PLANS: Please destroy sheets 3 and 28 and replace with the enclosed sheets, dated 4/15/25.

Sheet 3: Bid Item 210E0100 "Shoulder Clearing" was added.

Sheet 28: SHOULDER WORK note was revised.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

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

ESTIMATE OF QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0281(125)35 NH 0018(237)348	3	72

Rev. SMD 4/15/25

NH 0281(125)35
PCN 06PE

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3320	Checker	Lump Sum	LS
110E0135	Remove Delineator	26	Each
110E0500	Remove Pipe Culvert	236	Ft
110E0510	Remove Pipe End Section	4	Each
110E1010	Remove Asphalt Concrete Pavement	1,174.0	SqYd
110E7500	Remove Pipe for Reset	6	Ft
110E7510	Remove Pipe End Section for Reset	14	Each
120E0100	Unclassified Excavation, Digouts	648	CuYd
120E0600	Contractor Furnished Borrow Excavation	39	CuYd
120E0900	Contaminated Material Excavation	100	CuYd
120E6200	Water for Granular Material	194.0	MGal
210E0100	Shoulder Clearing	25.9	Mile
210E1000	Shoulder Preparation	13.600	Mile
260E1010	Base Course	3,358.0	Ton
* 260E6000	Granular Material, Furnish	6,220.0	Ton
* 270E0220	Blend and Stockpile Granular Material	12,440.0	Ton
* 270E0230	Haul and Stockpile Asphalt Mix Material	6,220.0	Ton
320E0005	PG 58-34 Asphalt Binder	1,883.6	Ton
320E1200	Asphalt Concrete Composite	416.0	Ton
320E1203	Class Q3R Hot Mixed Asphalt Concrete	37,331.0	Ton
320E1800	Asphalt Concrete Blade Laid	1,978.0	Ton
320E4000	Hydrated Lime	389.1	Ton
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	24.4	Mile
330E0010	MC-70 Asphalt for Prime	66.0	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	234.3	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	4.4	Ton
330E1000	Blotting Sand for Prime	5.0	Ton
332E0010	Cold Milling Asphalt Concrete	235,370	SqYd
421E0100	Pipe Culvert Undercut	52	CuYd
450E0142	24" RCP Class 2, Furnish	236	Ft
450E0150	24" RCP, Install	236	Ft
450E2016	24" RCP Flared End, Furnish	4	Each
450E2017	24" RCP Flared End, Install	4	Each
* 450E8900	Cleanout Pipe Culvert	12	Each
450E9000	Reset Pipe	6	Ft
450E9001	Reset Pipe End Section	14	Each
600E0300	Type III Field Laboratory	1	Each
632E2510	Type 2 Object Marker Back to Back	42	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	621	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	197	Gal
634E0010	Flagging	801.9	Hour
634E0020	Pilot Car	364.0	Hour

NH 0281(125)35 (CONT.)
PCN 06PE (CONT.)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0110	Traffic Control Signs	522.8	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0630	Temporary Pavement Marking	38.8	Mile
720E1015	Bank and Channel Protection Gabion	21.0	CuYd
734E0010	Erosion Control	Lump Sum	LS
734E0102	Type 2 Erosion Control Blanket	94	SqYd
734E0103	Type 3 Erosion Control Blanket	101	SqYd
831E0110	Type B Drainage Fabric	68	SqYd
900E0010	Refurbish Single Mailbox	29	Each
900E1980	Storage Unit	1	Each

*** - Denotes Non-Participating**

NH 0018(237)348
08GN

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3320	Checker	Lump Sum	LS
110E1010	Remove Asphalt Concrete Pavement	527.0	SqYd
120E0100	Unclassified Excavation, Digouts	352	CuYd
120E6200	Water for Granular Material	8.0	MGal
210E0100	Shoulder Clearing	14.0	Mile
260E1010	Base Course	703.0	Ton
* 260E6000	Granular Material, Furnish	1,651.0	Ton
* 270E0220	Blend and Stockpile Granular Material	3,302.0	Ton
* 270E0230	Haul and Stockpile Asphalt Mix Material	1,651.0	Ton
320E0005	PG 58-34 Asphalt Binder	1,156.2	Ton
320E1200	Asphalt Concrete Composite	175.0	Ton
320E1203	Class Q3R Hot Mixed Asphalt Concrete	23,163.0	Ton
320E1800	Asphalt Concrete Blade Laid	1,054.0	Ton
320E4000	Hydrated Lime	239.6	Ton
320E7012	Grind 12" Rumble Strip or Stripe in Asphalt Concrete	14.1	Mile
330E0100	SS-1h or CSS-1h Asphalt for Tack	128.0	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	2.4	Ton
332E0010	Cold Milling Asphalt Concrete	129,598	SqYd
633E1200	High Build Waterborne Pavement Marking Paint, White	318	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	98	Gal
634E0010	Flagging	485.1	Hour
634E0020	Pilot Car	221.0	Hour
634E0110	Traffic Control Signs	537.3	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0630	Temporary Pavement Marking	21.2	Mile
900E0010	Refurbish Single Mailbox	7	Each

*** - 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.

Rev. SMD 04/15/25

UTILITIES

The Contractor will contact the involved utility companies through South Dakota One Call (1-800-781-7474) prior to starting work. It will be the responsibility of the Contractor to coordinate work with the utility owners to avoid damage to existing facilities.

If utilities are identified near the improvement area through the SD One Call Process as required by South Dakota Codified Law 49-7A and Administrative Rule Article 20:25, the Contractor will contact the Engineer to determine modifications that will be necessary to avoid utility impacts.

SURFACING/SUBGRADE INVESTIGATION

A copy of the surfacing/subgrade investigation for this project is available from the Mitchell Area and the Mitchell Region Offices.

SURFACING THICKNESS DIMENSIONS

The plans shown spread rates will be applied even though the thickness may vary from that shown on the plans.

At those locations where material must be placed to achieve a required elevation, the depth/quantity may be varied to achieve the required elevation.

FLEXIBLE PAVEMENT SMOOTHNESS SPECIAL PROVISION

All sections, not excluded by the Special Provision for Flexible Pavement Smoothness, will be evaluated as two opportunities.

TYPE III FIELD LABORATORY

The lab will be equipped with an internet connection such as DSL, cable modem, or other approved service. The internet connection will be provided with a multi-port wireless router. The internet connection will be a minimum speed of 5 Mbps unless limited by job location and approved by the DOT. Prior to installing the wireless router, the Contractor will submit the wireless router's technical data to the Area Office to check for compatibility with the State's computer equipment. The internet connection is intended for State personnel usage only. The Contractor's personnel are prohibited from using the internet connection unless pre-approved by the Project Engineer.

Reimbursement will not be made for fees associated with the purchase, installation, maintenance, monthly line charges, and incidentals involved with the internet connection (including attachments). These items will be incidental to the contract unit price per each for Type III Field Laboratory.

STORAGE UNIT

The Contractor will provide a storage unit such as a portable storage container or a semi-trailer meeting the minimum size requirements from the table below:

Project Total Asphalt Concrete Tonnage	Minimum Internal Size (Cu Ft)	Minimum External Size (L x W x H)
Less than 50,000 ton	1,166	20' x 8' x 8.6' std
More than 50,000 ton	2,360	40' x 8' x 8.6' std
All Gyratory Controlled QC/QA Projects	2,360	40' x 8' x 8.6' std

The storage unit is intended for use only by the Engineer for the duration of the project. The QC lab personnel or the Contractor will not be allowed to use the storage container while it is on the project, without permission of the Engineer.

The storage unit will be on site and operational prior to asphalt concrete production. Upon completion of asphalt concrete production, the Engineer will notify the Contractor when the storage unit can be removed from the project. The storage unit use will not exceed 30 calendar days from the completion of asphalt concrete production. The storage unit will remain the property of the Contractor.

The storage unit will be weather proof and will be set in a level position. The storage unit will be able to be locked with a padlock.

The storage unit will be placed adjacent to the QA lab, as approved by the Engineer.

The following will apply when the storage unit provided on the project is a portable storage container:

1. The portable storage container will be constructed of steel.
2. The portable storage container will be set such that it is raised above the surrounding ground level to keep water from ponding under or around the storage container.

The following will apply when the storage unit provided on the project is a semi-trailer:

1. A set of steps and hand railings will be provided at the exterior door.
2. If the floor of the semi-trailer is 18 inches or more above the ground, a landing will be constructed at the exterior door. The minimum dimensions for the landing will be 4 feet by 5 feet. The top of the landing will be level with the threshold or opening of the doorway.
3. The semi-trailer may be connected to the QA lab by a stable elevated walkway. The walkway will be a minimum of 48 inches wide and contain handrails installed at 32 inches above the deck of the walkway. The walkway will be constructed such that it is stable and the deck does not deform during use and allows for proper door operation. Walkway construction will be approved by the Engineer.

All cost for furnishing, maintaining, and removing the storage unit including labor, equipment, and materials including any necessary walkways, landings, stairways, and handrails will be included in the contract unit price per each for "Storage Unit".

INTERSECTING ROADS AND ENTRANCES

Intersecting roads and entrances will be satisfactorily cleared of vegetation, shaped and compacted prior to placement of mainline surfacing. This work will be considered incidental to other contract items. Separate measurement and payment will not be made.

SHOULDER WORK

Prior to construction, Department of Transportation maintenance forces will spray the shoulders to kill existing vegetation. It is the Contractor's responsibility to notify the State a minimum of 30 days prior to starting work on the surface of the highway. The State assumes no responsibility for the effectiveness of the herbicide applied.

Vegetation and accumulated material on or adjacent to the existing roadway edge will be removed by the Contractor, to the satisfaction of the Engineer, prior to asphalt concrete resurfacing. Any remaining windrow of accumulated material will be spread evenly on the inslope adjacent to the asphalt shoulder, to the satisfaction of the Engineer, following application of the flush seal.

Cost for shoulder work including removal and replacement of topsoil will be paid at the contract unit price per mile for Shoulder Clearing.

CONTRACTOR FURNISHED BORROW EXCAVATION

The Contractor will provide a suitable site for Contractor furnished borrow excavation material. The Contractor is responsible for obtaining required permits and clearances for the borrow site. The borrow material will be approved by the Engineer. The plans quantity for Contractor Furnished Borrow Excavation as shown in the Estimate of Quantities will be the basis of payment for this item.

Prior to placement or removal of fill material, the Contractor will be required to remove four inches of topsoil and replace it following the placement of the new fill material. Removing and replacing topsoil will not be measured for payment but will be incidental to the contract unit price per cubic yard for Contractor Furnished Borrow Excavation.

The Contractor will be allowed to place topsoil in lieu of fill material if the fill depth is one foot or less. By doing this the Contractor will not be required to remove and replace the four inches of in place topsoil.

Compaction of the fill material will be to the satisfaction of the Engineer.

Restoration of the Contractor furnished borrow excavation site will be the responsibility of the Contractor.

SHOULDER PREPARATION

Prior to placement of asphalt concrete on the shoulders, the upper 4" of existing granular shoulder material will be scarified, reworked, shaped, watered, and compacted to obtain a uniform and stable surface according to Section 260.3 D. The cross slope and inslope requirements will meet what is shown in the typical sections. The final shaping of the granular material on the shoulder must be completed after the Cold Milling Asphalt Concrete operation. Cost for this work will be incidental to the contract unit price per mile for "Shoulder Preparation".

Included in the Estimate of Quantities are 22.5 MGals per mile of Water for Granular Material for shaping and recompaction of Sections 1 and 2.