



Office of Project Development
700 E Broadway Avenue
Pierre, South Dakota 57501-2586 605/773-3268
FAX: 605/773-2614

May 14, 2021

ADDENDUM NO. 2

RE: Item #2, May 19, 2021 Letting - NH 0042(85), PCN 07KY, Butte, Custer, Fall River, Lawrence County - Pavement Restoration, NGCS Grinding, Asphalt Concrete Surfacing, Median Ditch Repair & Weigh In Motion Upgrades

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: NO CHANGE

PLANS: Please destroy sheet F2 and replace with the enclosed sheets, dated 5/14/21.

Sheet F2: RESTORATION OF BASE COURSE note was removed and RESTORATION OF GRAVEL CUSHION and SHOT ROCK notes were added.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/cj

CC: Todd Seaman, Rapid City Region Engineer
John Matthesen, Belle Fourche Area Engineer

SECTION F ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
110E0300	Remove Concrete Curb and/or Gutter	118	Ft
110E1010	Remove Asphalt Concrete Pavement	19,548.9	SqYd
110E1100	Remove Concrete Pavement	1,827.7	SqYd
110E1120	Remove Concrete Median Pavement	41.4	SqYd
110E1700	Remove Silt Fence	300	Ft
110E7150	Remove Sign for Reset	19	Each
110E7152	Remove Delineator for Reset	45	Each
110E7510	Remove Pipe End Section for Reset	2	Each
120E0010	Unclassified Excavation	6,819	CuYd
120E6200	Water for Granular Material	32.9	MGal
250E0010	Incidental Work	Lump Sum	LS
260E1010	Base Course	6,212.2	Ton
260E2010	Gravel Cushion	111.9	Ton
260E5000	Shot Rock	4,333.3	Ton
320E1200	Asphalt Concrete Composite	4,740.1	Ton
332E0010	Cold Milling Asphalt Concrete	2,455	SqYd
350E0010	Asphalt Concrete Crack Sealing	71,662	Lb
380E0060	8.5" Nonreinforced PCC Pavement	1,839.6	SqYd
380E2554	4" Barrier Type Median PCC Pavement	41.4	SqYd
380E3520	6" PCC Approach Pavement	10.0	SqYd
380E5030	Nonreinforced PCC Pavement Repair	205.8	SqYd
380E6000	Dowel Bar	526	Each
380E6110	Insert Steel Bar in PCC Pavement	1,042	Each
380E6302	Reseal PCC Pavement Joint - Hot Pour	205,790	Ft
380E6310	Seal Random Cracks in PCC Pavement	3,419	Ft
380E6505	NGCS Grinding PCC Pavement	235,206.4	SqYd
380E6510	Grinding PCC Pavement	39,201.0	SqYd
390E0200	Repair Type A Spall	133.7	SqFt
450E9001	Reset Pipe End Section	2	Each
451E0516	6" PVC Pipe	45	Ft
632E2100	Reset Delineator	45	Each
632E3500	Reset Sign	19	Each
633E0010	Cold Applied Plastic Pavement Marking, 4"	28,027	Ft
633E1200	High Build Waterborne Pavement Marking Paint, White	503	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	253	Gal
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	28,027	Ft
633E5100	Grooving for Durable Pavement Marking, 4"	177,396	Ft
650E1085	Type F68.5 Concrete Curb and Gutter	115	Ft
650E4090	Type C9 Concrete Gutter	27	Ft

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
650E4685	Type P8.5 Concrete Gutter	12	Ft
734E0602	Low Flow Silt Fence	300	Ft
734E0610	Mucking Silt Fence	5	CuYd
734E0620	Repair Silt Fence	45	Ft
831E0300	Reinforcement Fabric (MSE)	14,087	SqYd

SPECIFICATIONS

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

UTILITIES

The Contractor will be responsible for locating and protecting any utility that would conflict with any work. Utilities are not planned to be affected on this project. 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 project engineer to determine modifications that will be necessary to avoid utility impacts.

Any damage done to a utility will be the Contractor's responsibility to repair.

Utilities within the limits of the proposed construction will be adjusted by the owner unless otherwise indicated in these plans.

EXISTING PCC PAVEMENT

The existing pavement on US 85 N and US 85 S is 8.5" Nonreinforced PCC Pavement with limestone aggregate. The longitudinal steel is a #5 deformed steel bar spaced 48" center to center. The transverse steel is 1 1/4" steel dowel bars spaced 12" center to center.

COLD MILLING ASPHALT CONCRETE

For crossover locations on US Highway 85 in order to construct the new surfacing (2" Asphalt Concrete Composite) flush with the PCC Pavement it will be necessary to mill the existing asphalt concrete 2" at the PCC Pavement to 0" at the center of the median crossovers.

Section 332.3 B will be waived.

Additional cold milling asphalt on US Highway 85 will be done at the locations specified in these plans. Any additional costs associated with this additional cold milling will be incidental to the contract unit price per square yard for Cold Milling Asphalt Concrete.

The remainder of the salvaged asphalt concrete material will become the property of the Contractor for disposal and may not be reused on the project.

SAWING EXISTING ASPHALT CONCRETE

Where new asphalt concrete is placed adjacent to existing concrete the existing asphalt concrete will be sawed full depth to a true line with a vertical face.

No separate payment will be made for sawing and will be incidental to the various asphalt concrete bid items on the project.

UNCLASSIFIED EXCAVATION

Unclassified Excavation is provided on the project for removing median subsurface material. The excavation material will be handled as waste and disposed of in accordance with the Waste Disposal note in Section A.

All excavation along the existing surfacing edge will be performed, so that a shoulder drop off does not exist adjacent to lanes open to the traveling public. All costs associated with providing and removing this temporary slope will be incidental to the various bid items on the project.

Plans quantity will be the basis of payment for the Unclassified Excavation quantity. If changes are made in the field during construction, measurements will be taken and the quantity will be adjusted accordingly.

RESTORATION OF GRAVEL CUSHION

An inspection of the gravel cushion subgrade shall be made after removing concrete from each pavement replacement area. Areas of excess moisture shall be dried to the satisfaction of the Engineer. Loose and excess material shall be removed. Each replacement area shall be leveled and compacted to the satisfaction of the Engineer.

All costs associated with this work shall be incidental to the contract unit price per square yard for Nonreinforced PCC Pavement Repair.

SURFACING THICKNESS DIMENSIONS

Plan tonnage will be applied even though the thickness may vary from that shown in the plans. At those locations where material must be placed to achieve a required elevation, plans tonnages may be varied to achieve the required elevation.

WATER FOR COMPACTION

Six percent plus or minus moisture will be required at the time of compaction unless otherwise directed by the Engineer.

Water for compaction of granular material will be applied at the rate of 10 gallons per cubic yard of Base Course. The cost of the water will be incidental to the contract unit price per MGal for Water for Granular Material.

SHOT ROCK

Shot Rock will consist of broken or crushed ledge rock produced from blasting or quarrying operations. Shot Rock material utilized in subgrade stabilization will be less than 8" in diameter with a nominal size of 4". Gypsum may not be used as Shot Rock.

Acceptance of Shot Rock material will be visually inspected and may be used without further testing as directed by the Engineer.