DEPARTMENT OF TRANSPORTATION

Planning & Engineering
Office of Project Development
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Pierre, South Dakota 57501-2586
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dot.sd.gov

April 14, 2026

ADDENDUM NO. 2

RE: Item #6, April 15, 2026 Letting - P 0471(10)7, P 018P(00)12, PCN 02R1, 07A1, Fall River County - Cold Milling, Asphalt Concrete Resurfacing, Gravel Surfacing Maintenance, Pipe Work

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: **PEN AND INK CHANGE**, strike out the "Special Provision for Durable Pavement Marking", dated 3/19/26 from the Index of Special Provisions.

Please remove the "Special Provision for Durable Pavement Marking", dated 3/19/26 from the Special Provisions.

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 633E0055 "Cold Applied Plastic Pavement Marking, Railroad Crossing"
Bid Item 633E5040 "Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing"

Bid Items were removed:
Bid Item 633E3070 "Durable Pavement Marking, Railroad Crossing"
Bid Item 633E5140 "Grooving for Durable Pavement Marking, Railroad Crossing"

PLANS: Please destroy sheets 3, 4 & 25 and replace with the enclosed sheets, dated 4/13/26.

Sheet 3: PCN 02R1, SD471

Bid Items were added:
Bid Item 633E0055 "Cold Applied Plastic Pavement Marking, Railroad Crossing"
Bid Item 633E5040 "Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing"

Bid Items were removed:
Bid Item 633E3070 "Durable Pavement Marking, Railroad Crossing"
Bid Item 633E5140 "Grooving for Durable Pavement Marking, Railroad Crossing"

Sheet 4: PCN 07A1, SD18P

Bid Items were added:

Bid Item 633E0055 “Cold Applied Plastic Pavement Marking, Railroad Crossing”
Bid Item 633E5040 “Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing”

Bid Items were removed:

Bid Item 633E3070 “Durable Pavement Marking, Railroad Crossing”
Bid Item 633E5140 “Grooving for Durable Pavement Marking, Railroad Crossing”

Sheet 25: TABLE OF PERMANENT PAVEMENT MARKING was revised. COLD APPLIED PLASTIC PAVEMENT MARKING & GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING notes were added.

Sincerely,

Sam Weisgram
Engineering Supervisor

SW/gp

CC: Todd Seaman, Rapid City Region Engineer
Bruce Schroeder, Custer Area Engineer

ESTIMATE OF QUANTITIES

Revised: 4-13-26 TLS

PCN 02R1, SD471

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3320	Checker	Lump Sum	LS
009E4200	Construction Schedule, Category II	Lump Sum	LS
110E0130	Remove Traffic Sign	2	Each
110E0510	Remove Pipe End Section	4	Each
110E0600	Remove Fence	952	Ft
110E1010	Remove Asphalt Concrete Pavement	850.2	SqYd
110E1690	Remove Sediment	6.0	CuYd
110E1700	Remove Silt Fence	38	Ft
110E7150	Remove Sign for Reset	1	Each
110E7152	Remove Delineator for Reset	4	Each
110E7500	Remove Pipe for Reset	20	Ft
110E7510	Remove Pipe End Section for Reset	13	Each
110E7802	Remove Fence for Reset	35	Ft
120E0010	Unclassified Excavation	705	CuYd
120E0100	Unclassified Excavation, Digouts	420	CuYd
120E0600	Contractor Furnished Borrow Excavation	1,746	CuYd
120E6200	Water for Granular Material	219.5	MGal
210E1005	Surface Preparation	12.192	Mile
230E0010	Placing Topsoil	546	CuYd
230E0100	Remove and Replace Topsoil	Lump Sum	LS
250E0020	Incidental Work, Grading	Lump Sum	LS
260E1010	Base Course	1,359.7	Ton
260E1050	Base Course, Salvaged Asphalt Mix	1,828.0	Ton
260E6000	Granular Material, Furnish	8,326.0	Ton
* 260E6000	Granular Material, Furnish	1,500.0	Ton
* 270E0200	Blend, Haul, and Stockpile Granular Material	3,000.0	Ton
270E0220	Blend and Stockpile Granular Material	16,652.0	Ton
320E0008	PG 64-34 Asphalt Binder	93.3	Ton
320E1200	Asphalt Concrete Composite	245.7	Ton
320E1800	Asphalt Concrete Blade Laid	1,260.5	Ton
320E4000	Hydrated Lime	12.6	Ton
320E7008	Grind 8" Rumble Strip or Stripe in Asphalt Concrete	16.8	Mile
330E0100	SS-1h or CSS-1h Asphalt for Tack	93.3	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	26.2	Ton
330E2000	Sand for Flush Seal	433.8	Ton
332E0010	Cold Milling Asphalt Concrete	117,464	SqYd
421E0100	Pipe Culvert Undercut	38	CuYd
450E0142	24" RCP Class 2, Furnish	54	Ft
450E0150	24" RCP, Install	54	Ft
450E2200	24" RCP Sloped End, Furnish	4	Each
450E2201	24" RCP Sloped End, Install	4	Each
450E3012	24" RCP Arch Class 2, Furnish	100	Ft

PCN 02R1, SD471 (Continued)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
450E3020	24" RCP Arch, Install	100	Ft
450E4600	24" RCP Arch Sloped End, Furnish	5	Each
450E4601	24" RCP Arch Sloped End, Install	5	Each
450E4759	18" CMP 16 Gauge, Furnish	36	Ft
450E4760	18" CMP, Install	36	Ft
450E5203	12" CMP Flared End, Furnish	2	Each
450E5204	12" CMP Flared End, Install	2	Each
450E5310	24" CMP Sloped End, Furnish	2	Each
450E5311	24" CMP Sloped End, Install	2	Each
450E5314	30" CMP Sloped End, Furnish	4	Each
450E5315	30" CMP Sloped End, Install	4	Each
450E5406	18" CMP Safety End, Furnish	2	Each
450E5407	18" CMP Safety End, Install	2	Each
450E7624	24" Steel Pipe, Furnish	140	Ft
450E7625	24" Steel Pipe, Install	20	Ft
450E7630	30" Steel Pipe, Furnish	322	Ft
450E7631	30" Steel Pipe, Install	28	Ft
450E9000	Reset Pipe	20	Ft
450E9001	Reset Pipe End Section	13	Each
451E5124	Bore and Jack 24" Pipe	120	Ft
451E5130	Bore and Jack 30" Pipe	294	Ft
464E0100	Controlled Density Fill	72.4	CuYd
600E0300	Type III Field Laboratory	1	Each
620E0020	Type 2 Right-of-Way Fence	265	Ft
620E0030	Type 3 Right-of-Way Fence	849	Ft
620E0510	Type 1 Temporary Fence	1,440	Ft
620E0520	Type 2 Temporary Fence	2,193	Ft
620E1020	2 Post Panel	18	Each
620E1030	3 Post Panel	12	Each
620E4100	Reset Fence	35	Ft
632E2100	Reset Delineator	4	Each
632E3500	Reset Sign	1	Each
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	378	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	245	Gal
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each
633E5100	Grooving for Durable Pavement Marking, 4"	145,509	Ft
634E0010	Flagging	1,000.0	Hour
634E0020	Pilot Car	500.0	Hour
634E0110	Traffic Control Signs	1,883.0	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0275	Type 3 Barricade	3	Each

PCN 02R1, SD471 (Continued)

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0320	Temporary Flexible Vertical Markers (Tabs)	8.4	Mile
634E0630	Temporary Pavement Marking	33.6	Mile
730E0210	Type F Permanent Seed Mixture	36	Lb
731E0100	Fertilizing	2,100	Lb
732E0250	Fiber Mulching	2,302	Lb
734E0103	Type 3 Erosion Control Blanket	142	SqYd
734E0154	12" Diameter Erosion Control Wattle	605	Ft
734E0604	High Flow Silt Fence	150	Ft
734E0610	Mucking Silt Fence	11	CuYd
734E0620	Repair Silt Fence	38	Ft
900E1980	Storage Unit	1	Each
998E0100	Railroad Protective Insurance	Lump Sum	LS

*** - Denotes Non-Participating**

Alternate A

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0008	PG 64-34 Asphalt Binder	861.7	Ton
320E1002	Class Q2 Hot Mixed Asphalt Concrete	15,037.7	Ton
320E4000	Hydrated Lime	152.3	Ton

Alternate B

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0008	PG 64-34 Asphalt Binder	785.1	Ton
320E1002	Class Q2 Hot Mixed Asphalt Concrete	15,399.3	Ton
320E4000	Hydrated Lime	153.2	Ton

Revised: 4-13-26 TLS

PCN 07A1, SD18P

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
009E3320	Checker	Lump Sum	LS
009E4200	Construction Schedule, Category II	Lump Sum	LS
110E1010	Remove Asphalt Concrete Pavement	55.4	SqYd
120E0100	Unclassified Excavation, Digouts	37	CuYd
260E1010	Base Course	223.5	Ton
260E1050	Base Course, Salvaged Asphalt Mix	147.7	Ton
320E0008	PG 64-34 Asphalt Binder	8.2	Ton
320E1200	Asphalt Concrete Composite	18.5	Ton
320E1800	Asphalt Concrete Blade Laid	110.8	Ton
320E4000	Hydrated Lime	1.1	Ton
330E0100	SS-1h or CSS-1h Asphalt for Tack	8.3	Ton
330E0210	SS-1h or CSS-1h Asphalt for Flush Seal	2.3	Ton
330E2000	Sand for Flush Seal	38.1	Ton
332E0010	Cold Milling Asphalt Concrete	12,021	SqYd
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	4	Each
633E1200	High Build Waterborne Pavement Marking Paint, White	33	Gal
633E1205	High Build Waterborne Pavement Marking Paint, Yellow	33	Gal
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	4	Each
633E5100	Grooving for Durable Pavement Marking, 4"	15,600	Ft
634E0010	Flagging	200.0	Hour
634E0020	Pilot Car	50.0	Hour
634E0110	Traffic Control Signs	627.6	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0310	Temporary Flexible Vertical Markers (Tabs)	3,900	Ft
634E0630	Temporary Pavement Marking	3.0	Mile
998E0100	Railroad Protective Insurance	Lump Sum	LS

Alternate A

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0008	PG 64-34 Asphalt Binder	89.7	Ton
320E1002	Class Q2 Hot Mixed Asphalt Concrete	1,570.2	Ton
320E4000	Hydrated Lime	15.6	Ton

Alternate B

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
320E0008	PG 64-34 Asphalt Binder	81.7	Ton
320E1002	Class Q2 Hot Mixed Asphalt Concrete	1,608.1	Ton
320E4000	Hydrated Lime	16.1	Ton

SPECIFICATIONS

Standard Specifications for Roads and Bridges, 10-1-25 Version, Required Provisions, and Special Provisions as included in the Proposal. The Standard Specifications for Roads and Bridges are available for download and viewing at https://dot.sd.gov/doing-business/contractors/standard-specifications.

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 0.203 acres temporary impacts to wetlands. Refer to the 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)
1	328+00 – 337+00 R	0.00	0.00	0.00	0.203	0.203

Action Taken/Required:

Temporary impacts identified in the Table of Impacted Wetlands will not be mitigated as original contours and elevations will be re-established as designated in the plans. 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 C: WATER SOURCE

The Contractor will not withdraw water with equipment previously used outside the State of South Dakota or previously used in aquatic invasive species (AIS) positive waters within South Dakota without prior approval from the SDDOT Environmental Office. To prevent and control the introduction and spread of invasive species into the project vicinity, all equipment will be power washed with hot water (≥140 °F) and completely dried for a minimum of 7 days prior to subsequent use. South Dakota administrative rule 41:10:04:02 forbids the possession and transport of AIS; therefore, all attached dirt, mud, debris and vegetation must be removed and all compartments and tanks capable of holding standing water must be drained. This includes, but is not limited to, all equipment, pumps, lines, hoses and holding tanks.

Action Taken/Required:

The Contractor will obtain the necessary permits from the regulatory agencies such as the South Dakota Department of Agriculture and Natural Resources (DANR) and the United States Army Corps of Engineers (USACE) prior to water extraction activities.

Additional information and mapping of water sources impacted by Aquatic Invasive Species in South Dakota can be accessed at:
< https://sdleastwanted.sd.gov/maps/default.aspx >

< South Dakota Administrative Rule 41:10:04 Aquatic Invasive Species: https://sdlegislature.gov/rules/DisplayRule.aspx?Rule=41:10:04 >

COMMITMENT D: WATER QUALITY STANDARDS

COMMITMENT D1: SURFACE WATER QUALITY

This project may be in the vicinity of multiple streams and wetlands. These waters are considered waters of the state and are protected under Administrative Rules of South Dakota (ARSD) Chapter 74:51. Special construction measures may have to be taken to ensure that this water body is not impacted.

Action Taken/Required:

The Contractor is advised that the South Dakota Surface Water Quality Standards, administered by the South Dakota Department of Agriculture and Natural Resources (DANR), apply to this project. Special construction measures will be taken to ensure the above standard(s) of the surface waters are maintained and protected.

RETROREFLECTIVITY FOR PAVEMENT MARKING PAINT

The Department may take retroreflectivity readings on the pavement marking lines after 2 days and within 30 days of the line application using either a portable or mobile retroreflectometer that conforms to 30-meter geometry. If the Department chooses to take retroreflectivity readings, three retroreflectivity readings will be taken on each line at each test location. The three readings will be averaged and become the reading for that test location.

If the Department chooses to take retroreflectivity readings, three readings will be taken on the edge lines and lane lines in the direction of application. For combination solid yellow and skip yellow lines for turn lanes and for centerline markings on two-way roadways, three readings will be taken in one direction, the reflectometer will be turned 180 degrees and three more readings will be taken. The six readings for the centerline markings will be averaged and become the test reading for that test location.

If the Department chooses to take readings, the minimum retroreflectivity values will be 275 mc/m^2/lux for white and 170 mc/m^2/lux for yellow.

GROOVING FOR HIGH BUILD WATERBORNE PAVEMENT MARKING PAINT

The Contractor will establish a positive means for the removal of the grinding and/or grooving residue. Residue from dry grooving will be vacuumed. Solid residue will be removed from the pavement surfaces before being blown by traffic action or wind. The Contractor will conduct this work to control and minimize airborne dust and similar debris that may become a hazard to motor vehicle operation or nuisance to property owners. Residue from wet grooving will not be permitted to flow across lanes being used by public traffic or into gutter or drainage facilities. Residue, whether in solid or slurry form, will be disposed of in a manner that will prevent it from reaching any waterway in a concentrated state. All costs for removal of grinding and/or grooving residue will be included in the contract unit price per foot for “Grooving for Durable Pavement Marking” contract items.

Unless otherwise specified in the plans, the Contractor will groove the surface for High Build Waterborne Pavement Marking Paint as specified in these plans and as per the manufacturer’s instructions.

The grooving will be completed within the following tolerances:

Description	Specification	Tolerance
Depth of Groove	Marking Thickness[1] + 15 mils	+ 5 mils
Width of Groove	5 to 6 inches	
Length of Skip Lines[2]	10 foot 6 inches	± 3 inch
Tapers at ends of lines	6 to 9 inches	
Between Double Lines	4 inches	± 1/2 inch

[1] Marking thickness will include the thickness of marking material and reflective media.
[2] Additional length may be required as specified in the plans.

The equipment will be capable of the following:

- Grooving the total width of the groove in one pass or uniform depths with multiple passes.
- Grooving without causing damage to the pavement joints or joint sealant material.
- Provide uniform alignment and depth.
- Moving continuously to permit a mobile traffic work operation.

If damage occurs, including, but not limited to, joints, joint sealant material, and backer rod, the grooving operation will be stopped and modifications will be made to the grooving operation to prevent further damage. The Contractor will be required to use specially prepared circular diamond blade cutting heads to prevent damage at the joints. Damage caused will be repaired or replaced by the Contractor, as directed by the Engineer. No additional payment will be made for the repair work or any reapplication of the pavement marking in the area of the repair.

Grooving on bridge decks will start and stop a sufficient distance from the expansion joints so no damage occurs in these areas. Markings on bridge decks will be surface applied.

COLD APPLIED PLASTIC PAVEMENT MARKING

All materials will be applied as per the manufacturer’s recommendations.

Cold Applied Plastic Pavement Markings will be 3M Series 380 IES or an approved equal.

GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING

The Contractor will establish a positive means for the removal of the grinding and/or grooving residue. Residue from dry grooving will be vacuumed. Solid residue will be removed from the pavement surfaces before being blown by traffic action or wind. The Contractor will conduct this work to control and minimize airborne dust and similar debris that may become a hazard to motor vehicle operation or nuisance to property owners. Residue from wet grooving will not be permitted to flow across lanes being used by public traffic or into gutter or drainage facilities. Residue, whether in solid or slurry form, will be disposed of in a manner that will prevent it from reaching any waterway in a concentrated state. The cleaning of the residue for grooving will be to the satisfaction of the Engineer and may require more than one pass to adequately remove material. All costs for removal of grinding and/or grooving residue will be included in the contract unit price per each for “Grooving for Cold Applied Plastic Pavement Marking” contract item.

TABLE OF PERMANENT PAVEMENT MARKING

	Total Route Length	Total Route Length	Grooving for Durable Pavement Marking, 4"	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	Cold Applied Plastic Pavement Marking, Railroad Crossing	High Build Waterborne Pavement Marking Paint, Yellow	High Build Waterborne Pavement Marking Paint, White
PCN	(Miles)	(Ft)	(Ft)	(Each)	(Each)	(Gal)	(Gal)
02R1	8.4	44368	145509	2	2	245	378
07A1	0.7	3900	15600	4	4	33	33
Totals:	9.1	48268	161109	6	6	279	411