



Department of Transportation

Division of Operations

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 Director of Operations
 South Dakota Department of Transportation
 Pierre, SD 57501

Subject: Construction Change Orders Report

Construction change orders approved in March contain an increase of approximately \$1,429,790.

Over the past 12 months, the overall contract increase is 2.60%.

The following projects have a Construction Change Order (CCO) amounting to a contract change in excess of \$50,000.

ABERDEEN REGION

There are no CCOs amounting to a change of \$50,000 to report this period.

MITCHELL REGION

- I. Project: IM-NH-P 0023(44), Clay County, PCN 052V
 Location: Various Routes in the Yankton Area
 Contractor: Interstate Improvement, Inc
 Type of Work: PCC Pavement Joint and Spall Repair

Original Contract Amount:	\$	1,209,726.90
Change on CCO No. 3F:	\$	110,946.10
Net Change to Date:	\$	603,974.65

Explanation of Change on CCO No. 3F: This increase is the result of the Contractor performing additional non-reinforced concrete repair. During construction, the Department identified additional concrete in need of repair. When traffic is removed from the roadway, the Department is able to perform a closer inspection of the site and more accurately determine the extent of the necessary repair areas. This variation is

common for the work. Additionally, a change was ordered by the Engineer to require the Contractor to remove additional concrete pavement to allow for more and larger asphalt growth joints. Increases to the quantity of concrete removal and asphalt concrete composite items reflect this change.

- II.** Project: NH 0050(108)385, Yankton County, PCN 023U
 Location: SD 50, east and west of Yankton
 Contractor: PCIRoads, LLC
 Type of Work: PCC Overlay, PCC Surfacing, Curb & Gutter, Crossover, Cutoff Drain, & Edge Drains

Original Contract Amount: \$ 10,492,623.73
 Change on CCO No. 6: \$ 144,668.22
 Net Change to Date: \$ 174,321.15

Explanation of Change on CCO No. 6: This increase is the result of the Department adjusting the contract quantities to match the quantity used during construction including a large increase to the furnish concrete overlay item. The Department approved concrete surface profile resulted in additional furnish concrete overlay than estimated in the plans. Additionally, the Contractor earned an incentive payment for pavement smoothness. The Department made the incentive payment in accordance with the contract.

- III.** Project: NH 0034 (160) 386, Lake County, PCN 02R6
 Location: SD34 in Madison
 Contractor: T&R Contracting Inc.
 Type of Work: Urban Grading, Storm Sewer, Curb & Gutter, Sidewalk, Traffic Signals, Roadway Lighting, PCC Surfacing

Original Contract Amount: \$ 6,789,000.00
 Change on CCO No. 3: \$ 101,077.82
 Net Change to Date: \$ 116,157.39

Explanation of Change on CCO No. 3: This increase is the result of additional work performed by the Contractor to excavate contaminated material, perform additional staking, and perform extra work to install signs for safe routes to schools not included in the plans.

- IV.** Project: NH 0050(97)411, Clay County, PCN 023L
 Location: SD 50 from Vermillion to I-29
 Contractor: Spencer Quarries Inc.
 Type of Work: Micro-Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Box Culverts, & Culvert Repair

Original Contract Amount: \$ 3,817,263.06
 Change on CCO No. 3: \$ (188,223.56)
 Net Change to Date: \$ (183,294.30)

Explanation of Change on CCO No. 3: This decrease is the result of the Department adjusting the contract quantities to match the quantity used during construction. The larger decreases include asphalt binder, asphalt concrete, asphalt for tack, flagging, and pilot car. The decreases are the result of normal variations and are common for this work.

PIERRE REGION

- V.** Project: IM 0904(57)189, Jones County, PCN 035E
 Location: I-90 from Murdo to Draper
 Contractor: Knife River Midwest LLC
 Type of Work: PCC Overlay, Pavement Repair, and Edge Drains

Original Contract Amount: \$ 13,214,694.07
 Change on CCO No. 10: \$ 169,792.00
 Net Change to Date: \$ 1,562,489.40

Explanation of Change on CCO No. 10: This increase is the result of the Department settling the material payment portion of the claim submitted by the Contractor.

- VI.** Project: IM 0904(57)189, Jones County, PCN 035E
 Location: I-90 from Murdo to Draper
 Contractor: Knife River Midwest LLC
 Type of Work: PCC Overlay, Pavement Repair, and Edge Drains

Original Contract Amount: \$ 13,214,694.07
 Change on CCO No. 11F: \$ 149,078.66
 Net Change to Date: \$ 1,711,568.06

Explanation of Change on CCO No. 11F: This increase is the result of a mediation settlement on the remaining portions of the claim submitted by the Contractor.

- VII.** Project: BRO 8048(03), Mellette County, PCN 02DY
 Location: Structure 18.9 N & 0.8 W of Cedar Butte over the White River
 Contractor: Journey Group Companies
 Type of Work: Structure and Approach Grading

Original Contract Amount:	\$	3,830,677.52
Change on CCO No. 2:	\$	92,753.17
Net Change to Date:	\$	93,523.17

Explanation of Change on CCO No. 2: This increase is the result of an increase to the contract quantity of riprap necessary for the project. Due to high flows in the stream and encountering sandy, unstable soil; the Department ordered additional riprap to stabilize the stream bank.

- VIII.** Project: IM 0904(59)210, Lyman County, PCN 04D4
 Location: I-90 from Vivian to Oacoma
 Contractor: Simon Contractors of SD dba Hills Materials Co.
 Type of Work: Asphalt Surface Treatment and Asphalt Surfacing of Shoulders, Ramps, and Crossroads

Original Contract Amount:	\$	3,414,063.32
Change on CCO No. 3F:	\$	59,882.60
Net Change to Date:	\$	86,004.20

Explanation of Change on CCO No. 3F: This increase is the result of an increase to the contract quantities of asphalt concrete and asphalt binder. These items increased as the result of additional full width shoulder repairs needed and as the result of a slight increase in the asphalt concrete depth over the full length of the project used to construct the project as to the planned typical section.

- IX.** Project: NH 0083(84)96, Stanley County, PCN 04WP
 Location: US 83 from Ft. Pierre to Lyman/Stanley Co. Line
 Contractor: Duininck Inc.
 Type of Work: Micro-Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Pipe & Erosion Repair, & Rumble Strips/Stripes

Original Contract Amount:	\$	11,965,195.70
Change on CCO No. 6:	\$	236,655.87
Net Change to Date:	\$	845,616.15

Explanation of Change on CCO No. 6: This increase is the result of additional asphalt concrete and asphalt binder ordered by the Engineer to provide strengthening and leveling throughout the project. Additionally, the Department made incentive payments for asphalt concrete smoothness and asphalt concrete mix quality in accordance with the contract.

RAPID CITY REGION

- X.** Project: IM 1902(61)0, Pennington County, PCN 1162
 Location: Exit 1 in Rapid City (near Civic Center)
 Contractor: Reede Construction, Inc.
 Type of Work: Interchange Replacement - Grading, PCCP & Structure, Remove & Replace PCCP, AC Surfacing

Original Contract Amount: \$ 32,588,511.91
 Change on CCO No. 10: \$ (345,141.67)
 Net Change to Date: \$ 109,764.78

Explanation of Change on CCO No. 10: This decrease is the result of the Department adjusting the contract quantities to match the quantity used during construction including large decreases to shot rock, fast track concrete, and longitudinal pedestrian barricade. During construction, the Department discovered a plan error in the quantity of shot rock. The Contractor's sequence of operations resulted in less fast track concrete needed during construction. The number of longitudinal pedestrian barricades used on the project was less than estimated in the plans.

- XI.** Project: IM 1902(61)0, Pennington County, PCN 1162
 Location: Exit 1 in Rapid City (near Civic Center)
 Contractor: Reede Construction, Inc.
 Type of Work: Interchange Replacement - Grading, PCCP & Structure, Remove & Replace PCCP, AC Surfacing

Original Contract Amount: \$ 32,588,511.91
 Change on CCO No. 11: \$ (83,411.68)
 Net Change to Date: \$ 26,353.10

Explanation of Change on CCO No. 11: This decrease was the result of correcting the quantity of water for dust control added on a previous CCO. CCO #3 incorrectly estimated the quantity of water for dust control. This CCO corrects the quantity to the amount used during construction.

- XII.** Project: NH-PH 0018(177)104, Oglala Lakota County, PCN 02QC
 Location: US 18 from Pine Ridge to SD 391
 Contractor: Loiseau Construction, Inc.
 Type of Work: Shoulder Widening, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Replace Structures

Original Contract Amount: \$ 22,224,615.26
 Change on CCO No. 5: \$ 55,987.50
 Net Change to Date: \$ 207,446.18

Explanation of Change on CCO No. 5: This increase is the result of additional riprap, woven separator fabric, and box culvert undercut necessary for construction. Due to unstable conditions encountered during construction, the Contractor was required to perform additional excavation and then plan woven separator fabric at the bottom of the excavations to provide a stable base for construction. Due to high water flows and the potential for erosion, the Department required the Contractor to place riprap in additional areas along the project.

- XIII.** Project: NH-PH 0018(177)104, Oglala Lakota County, PCN 02QC
 Location: US 18 from Pine Ridge to SD 391
 Contractor: Loiseau Construction, Inc.
 Type of Work: Shoulder Widening, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Replace Structures

Original Contract Amount: \$ 22,224,615.26
 Change on CCO No. 9: \$ 121,747.60
 Net Change to Date: \$ 407,552.96

Explanation of Change on CCO No. 9: This increase is the result of extra work ordered by the Department for asphalt patching of distressed pavement along US 18 in Pine Ridge. In addition to the asphalt patching, the Contractor was also required to adjust manholes and provide traffic control and pavement markings in the areas of the asphalt patching.

- XIV.** Project: NH-PH 0018(177)104, Oglala Lakota County, PCN 02QC
 Location: US 18 from Pine Ridge to SD 391
 Contractor: Loiseau Construction, Inc.
 Type of Work: Shoulder Widening, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Replace Structures

Original Contract Amount: \$ 22,224,615.26
 Change on CCO No. 12: \$ 646,241.46
 Net Change to Date: \$ 1,056,176.31

Explanation of Change on CCO No. 12: This increase is the result of a large overrun in the plans quantity of flagging and pilot car hours. Due to the high traffic volume and the nature of the work, the Department ordered extra flaggers and an additional pilot car in the urban setting of Pine Ridge.

- XV.** Project: NH-PH 0018(177)104, Oglala Lakota County, PCN 02QC
 Location: US 18 from Pine Ridge to SD 391
 Contractor: Loiseau Construction, Inc.
 Type of Work: Shoulder Widening, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Replace Structures

Original Contract Amount: \$ 22,224,615.26
 Change on CCO No. 13: \$ 284,619.00
 Net Change to Date: \$ 1,340,795.31

Explanation of Change on CCO No. 13: This increase is the result of additional seeding, mulching, and fertilizer used during construction. A plan error underestimated the disturbed area of the project in need of reseeding.

- XVI.** Project: NH-PH 0018(177)104, Oglala Lakota County, PCN 02QC
 Location: US 18 from Pine Ridge to SD 391
 Contractor: Loiseau Construction, Inc.
 Type of Work: Shoulder Widening, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Replace Structures

Original Contract Amount: \$ 22,224,615.26
 Change on CCO No. 14: \$ 118,206.50
 Net Change to Date: \$ 1,459,001.81

Explanation of Change on CCO No. 14: This increase is the result of several changes to fencing items due to landowner requests and Department identified needs. These changes are common for this type of work.

XVII. Project: P 0079(77)150, Butte County, PCN 05P7
Location: SD 79 from Castle Rock to 11.5 miles north of the Butte/Harding Co Line
Contractor: Anderson Western, Inc.
Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Surfacing

Original Contract Amount: \$ 5,932,572.78
Change on CCO No. 4: \$ (52,698.21)
Net Change to Date: \$ (52,519.08)

Explanation of Change on CCO No. 4: This decrease is the result of the Department adjusting the quantities of pavement marking paint, flagging, and pilot car to match the quantity used during construction.

Sincerely,

Ryan K. Johnson
Specification Engineer