



Department of Transportation

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Director of Operations
South Dakota Department of Transportation
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Subject: Construction Change Orders Report

Construction change orders approved in March contain an increase of approximately \$1,028,028.

Construction change orders approved in April contain a decrease of approximately \$914,862.

Over the past 12 months, the overall contract increase is 2.23%.

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

ABERDEEN REGION

- I. Project: IM-FP 0299(71)239, Roberts County, PCN 04D6
Location: I-29 Southbound lanes from ND state line to Exit 242
Contractor: Reede Construction, Inc.
Type of Work: PCC Overlay, PCC Surfacing, Polymer Chip Seal, Approach Slabs, AC Resurfacing, & Permanent Signing

Original Contract Amount: \$ 16,655,264.10
Change on CCO No. 2: \$ (544,971.03)
Net Change to Date: \$ (587,409.41)

Explanation of Change on CCO No. 2: This decrease is the result of an underrun in the contract quantity of asphalt concrete composite. The Department eliminated the over width detour route resulting in approximately 7000 tons of asphalt not being used on the project.

- II.** Project: P 0012(270), Hamlin County, PCN 06E8
 Location: Various locations in the Watertown area
 Contractor: Subsurface, Inc.
 Type of Work: Culvert Repair & Lining

Original Contract Amount:	\$	604,596.60
Change on CCO No. 3:	\$	141,838.00
Net Change to Date:	\$	188,580.00

Explanation of Change on CCO No. 3: This increase is the result of an overrun in the contract quantity of chemical grout void fill. The quantity of grout required to complete the work was much more than estimated in the plans. Due to the nature of this work, estimating the quantity is challenging and the final quantity is not known until the void filling process is complete.

MITCHELL REGION

- III.** Project: NH-P 0115(53)89, Minnehaha County, PCN 056T
 Location: SD 115 from the end of the divided lanes near I-90 north 12 miles
 Contractor: Bituminous Paving, Inc.
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing of Shoulders, Resealing Pavement Joints, and Sawing & Sealing Shoulder Joint

Original Contract Amount:	\$	1,530,651.30
Change on CCO No. 1:	\$	(69,369.51)
Net Change to Date:	\$	(69,369.51)

Explanation of Change on CCO No. 1: This decrease is the result of an adjustment to the contract quantities of asphalt binder, asphalt concrete, asphalt for prime, and asphalt for tack. Less material was used to construct the roadway than estimated in the plans. The variations are considered normal variations for this type or work.

- IV.** Project: P 0044(202)312, Douglas County, PCN 03VH
 Location: SD 44 from the east junction with SD 50 to the west junction with US 281
 Contractor: Spencer Quarries Incorporated
 Type of Work: Cold Milling Asphalt Concrete and Asphalt Concrete Resurfacing

Original Contract Amount:	\$	3,554,030.58
Change on CCO No. 3:	\$	(58,615.09)
Net Change to Date:	\$	(115,329.86)

Explanation of Change on CCO No. 3: This decrease is the result of an adjustment to the contract quantities of base course, asphalt binder, and asphalt for tack. Less material was used to construct the roadway than estimated in the plans. The variations are considered normal variations for this type or work.

- V.** Project: NH 0022(61), Lake County, PCN 05LN
 Location: Various routes in the Sioux Falls Area
 Contractor: Interstate Improvement, Inc.
 Type of Work: PCC Pavement Repair

Original Contract Amount: \$ 1,374,973.71
 Change on CCO No. 1: \$ 261,211.00
 Net Change to Date: \$ 261,211.00

Explanation of Change on CCO No. 1: This increase is the result of an adjustment to the contract quantity of concrete repair. Additional repair areas resulted in an increase to the quantity. The variation is considered common for concrete repair work. Additionally, the Department made an incentive payment for the timely completion of the work. The incentive payment was made in accordance with the contract.

- VI.** Project: NH 0018(188)320, Charles Mix County, PCN 04EA
 Location: US 18 from US 281 to Pickstown
 Contractor: Spencer Quarries Incorporated
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Guardrail, and Slide Repair

Original Contract Amount: \$ 5,526,553.77
 Change on CCO No. 2: \$ (139,053.70)
 Net Change to Date: \$ 135,605.24

Explanation of Change on CCO No. 2: This decrease is the result of the Department adjusting various contract quantities to match the actual quantities used during construction. Larger decreases were made for water for embankment, asphalt binder, and asphalt for tack all due to normal project variations.

- VII.** Project: IM 0292(74)62, Lincoln County, PCN 035A
 Location: I-29 Exit 62 (Canton)
 Contractor: T&R Contracting, Inc.
 Type of Work: Grading, Structure, and PCC Surfacing

Original Contract Amount: \$ 7,794,913.15
 Change on CCO No. 4: \$ 342,401.43
 Net Change to Date: \$ 405,012.86

Explanation of Change on CCO No. 4: This increase is the result of the Department adjusting various contract quantities to match the actual quantities used during construction. Larger increases were made for base course, gravel cushion, and asphalt concrete all due to normal project variations. In addition, the Department approved additional granular material and MSE fabric throughout the project due to the wetter than normal spring and summer conditions encountered during construction.

- VIII.** Project: IM 0292(74)62, Lincoln County, PCN 035A
 Location: I-29 Exit 62 (Canton)
 Contractor: T&R Contracting, Inc.
 Type of Work: Grading, Structure, and PCC Surfacing

Original Contract Amount: \$ 7,794,913.15
 Change on CCO No. 5: \$ 301,310.53
 Net Change to Date: \$ 706,323.39

Explanation of Change on CCO No. 5: This increase is the result of the Department adjusting various contract quantities to match the actual quantities used during construction. Larger increases were made for excavation, asphalt concrete, and PCC pavement. The increase in excavation resulted from variations in excavation quantities throughout the project as measured by the final survey. The variation in asphalt concrete resulted from additional temporary asphalt pavement to accommodate traffic during construction. The variation in PCC pavement is the result of a plan error in the left turn fillets. This error was discovered once the roadway was open to traffic and an issue with trucks turning was identified. Additional pavement was placed to accommodate trucks turning. In addition, the Department made an incentive payment for pavement smoothness in accordance with the contract.

- IX.** Project: IM 0292(74)62, Lincoln County, PCN 035A
 Location: I-29 Exit 62 (Canton)
 Contractor: T&R Contracting, Inc.
 Type of Work: Grading, Structure, and PCC Surfacing

Original Contract Amount: \$ 7,794,913.15
 Change on CCO No. 6F: \$ (140,079.03)
 Net Change to Date: \$ 566,244.36

Explanation of Change on CCO No. 6F: This decrease is the result of the Department addressing a quantity calculation error for excavation. The Department identified the error during the project quantity and payment final review process.

- X.** Project: PH 8063(16), Turner County, PCN 060G
 Location: Various County, City, and Township Roads in Turner County
 Contractor: Hamm Contracting, LLC
 Type of Work: Signing and Delineation

Original Contract Amount: \$ 771,612.45
 Change on CCO No. 1F: \$ (75,164.51)
 Net Change to Date: \$ (75,164.51)

Explanation of Change on CCO No. 1F: This decrease is the result of the Department adjusting the contract quantities for signs, posts, and object markers to match the quantities installed. These variations are considered normal for this type of work.

PIERRE REGION

- XI.** Project: NH 0031(41), Haakon County, PCN 05LL
 Location: Various routes in the Pierre area
 Contractor: Martin Resource Management Corporation
 Type of Work: Microsurfacing

Original Contract Amount: \$ 2,486,707.96
 Change on CCO No. 2: \$ 300,016.96
 Net Change to Date: \$ 314,851.96

Explanation of Change on CCO No. 2: This increase is the result of the Department adjusting the contract quantities for microsurfacing aggregate and emulsion. Additional rutting throughout the project resulted in the need for additional material to fill the rutting.

- XII.** Project: NH-EM 0083(74)55, Jones County, PCN 036E
 Location: US 83 From north of the Mellette/Jones county line north to south of Murdo
 Contractor: Zandstra Construction Incorporated
 Type of Work: Grading, Structures, and Interim Surfacing

Original Contract Amount: \$ 18,638,962.86
 Change on CCO No. 1: \$ 90,965.41
 Net Change to Date: \$ 90,965.41

Explanation of Change on CCO No. 1: This increase is the result of the Department changing the type of Right-of-way fencing at one parcel of land in accordance with the landowner agreement with the Department. Additionally, the Department added the requirements and pay item for a Contractor furnished checker to the contract. This item was inadvertently missed in the plans.

- XIII.** Project: IM-FP 0903(104)153, Jackson County, PCN 03W6
 Location: I-90 westbound lanes from Kadoka to Belvidere
 Contractor: Reede Construction, Inc.
 Type of Work: Remove & Replace PCC Surfacing, Edge Drains, Inslope Flattening, Asphalt Concrete Resurfacing, Pipe Work, and Extend Culvert

Original Contract Amount: \$ 18,706,382.34
 Change on CCO No. 3: \$ 221,451.00
 Net Change to Date: \$ 269,267.95

Explanation of Change on CCO No. 3: This increase is the result of the Department adding the contract item of salvage and stockpile asphalt mix material to the contract. In the fall of 2018, the Contractor, at the Contractor's expense, placed asphalt concrete on the shoulders to prepare the project for the winter and open the project to traffic. The Department agreed to purchase the salvaged asphalt from the Contractor to be stockpile for future use.

- XIV.** Project: IM 0904(62)210, Lyman County, PCN 067N
Location: I-90 eastbound and westbound lanes from Exit 212 (US 83) to Exit 226 (Presho)
Contractor: Border States Paving, Inc.
Type of Work: Asphalt Concrete Resurfacing, Approach Slab Replacement, Polymer Chip Seal, Deck Overlay, and CRC Pavement Repair

Original Contract Amount: \$ 22,939,718.99
Change on CCO No. 1: \$ (254,763.57)
Net Change to Date: \$ (254,763.57)

Explanation of Change on CCO No. 1: This decrease is the result of the Department approving a sequence change proposed by the Contractor. The Contractor is opting to complete the work with lane closures in lieu of closing lanes and maintaining 2-lane 2-way traffic in one set of lanes at a time. The Contractor preference for the sequence of operations resulted in several quantity and contract price adjustments resulting in an overall savings to the Department.

RAPID CITY REGION

- XV.** Project: IM 0901(162)14, Lawrence County, PCN 020U
Location: 1-90 in Spearfish
Contractor: Heavy Constructors Inc.
Type of Work: Interchange Reconstruction - PCC Paving, Structure, Lighting, and Signals

Original Contract Amount: \$ 27,668,106.00
Change on CCO No. 14: \$ 78,396.97
Net Change to Date: \$ 423,146.71

Explanation of Change on CCO No. 14: This increase is the result of additional work performed by the Contractor to remove and replace cracked PCC pavement that developed during construction.

Sincerely,

Ryan K. Johnson
Specification Engineer