



Department of Transportation

Division of Operations

700 E Broadway Avenue

Pierre, South Dakota 57501-2586 605/773-3704 (maint)

FAX: 605/773-2893 605/773-3571 (const)

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Mr. Greg Fuller
Director of Operations
South Dakota Department of Transportation
Pierre, SD 57501

Subject: Construction Change Orders Report

Construction change orders approved in August contain an increase of approximately \$1,156,121.

Construction change orders approved in September contain an increase of approximately \$599,663.

Over the past 12 months, the overall contract increase is 2.42%.

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

ABERDEEN REGION

- I. Project: P 0047(18)136, Hyde County, PCN 6161
Location: SD 47 in Highmore
Contractor: McLaughlin & Schultz Inc.
Type of Work: Urban Grading, Asphalt Concrete Surfacing, Curb & Gutter, Storm Sewer, & Lighting

Original Contract Amount: \$ 4,203,286.08
Change on CCO No. 1F: \$ (110,666.55)
Net Change to Date: \$ (110,666.55)

Explanation of Change on CCO No. 1F: This decrease was the result of adjustments made to various contract quantities. The adjustments were made to match the actual quantities used during construction. Larger decreases were made for base course,

salvaged base course, and salvage and stockpile asphalt mix and granular base material all due to normal field variations.

- II.** Project: NH-P 0010(132), Brown County, PCN 05XK
Location: Various Routes in the Aberdeen Region
Contractor: Highway Improvement, Inc.
Type of Work: Asphalt Concrete Crack Leveling

Original Contract Amount:	\$	676,869.10
Change on CCO No. 1:	\$	187,480.70
Net Change to Date:	\$	187,480.70

Explanation of Change on CCO No. 1: This increase was the result of additional asphalt repair mastic material needed to complete the work. The amount of material used for construction was greater than the amount estimated in the plans. This change in quantities is attributed to additional cracks developing after the initial survey and preparation the plans was completed and is common for this type of improvement.

MITCHELL REGION

- III.** Project: P-PH 0019(31)73, Lake County, PCN 025Z
Location: SD 19 from Humboldt to Madison
Contractor: Loiseau Construction Inc.
Type of Work: Shoulder Widening, Grading, and Structures

Original Contract Amount:	\$	14,631,526.47
Change on CCO No. 3:	\$	258,502.49
Net Change to Date:	\$	246,358.98

Explanation of Change on CCO No. 3: This increase was the result of adjustments made to various contract quantities and extra work performed by the Contractor. The quantity adjustments were made to match the actual quantities used during construction. Larger increases were made for excavation, base course, seeding, mulching, and soil stabilizer. The work was performed in 2014 under saturated conditions. The saturated condition of the existing grade resulted in the need for additional excavation. The in place granular material planned for salvaging and reuse on the project was contaminated by the saturated conditions and resulted in the need for additional virgin granular material. In addition, the additional excavation required additional seeding, mulching, and soil stabilizer to effectively control erosion. Extra work resulting from the need to mobilize and crush additional granular material, dewatering, headwalls, and extra haul were all the result of the change in quantities described above and the saturated conditions on the project.

- IV.** Project: PH 8050(69), Minnehaha County, PCN 056U
Location: Various County, City, & Township Roads in Minnehaha County
Contractor: Hamm Contracting LLC
Type of Work: County Signing and Delineation

Original Contract Amount: \$ 1,412,966.70
Change on CCO No. 3F: \$ 121,045.57
Net Change to Date: \$ 69,863.07

Explanation of Change on CCO No. 3F: This increase was the result of additional removal and replacement of signing materials. The additions were the result of changing conditions since the initial estimate resulting from vandalism, public comment/complaint, plan errors, and plan omission and are considered common for this type of work.

- V.** Project: P 0115(47)102, Minnehaha County, PCN 025C
Location: SD 115 in Dell Rapids south
Contractor: Reede Construction Inc.
Type of Work: Grading, Curb & Gutter, Storm Sewer, PCC Surfacing, and Structure

Original Contract Amount: \$ 8,307,858.63
Change on CCO No. 3: \$ 118,827.56
Net Change to Date: \$ 1,073,433.40

Explanation of Change on CCO No. 3: This increase was the result of extra work performed by the Contractor as the result of encountering unfavorable bed rock on the project. The Contractor was required to blast and remove the unfavorable bedrock down to sound bedrock for construction of the substructure. This change resulted in additional blasting, piling, overtime, and substructure work as directed by the Department.

- VI.** Project: P 0115(47)102, Minnehaha County, PCN 025C
Location: SD 115 in Dell Rapids south
Contractor: Reede Construction Inc.
Type of Work: Grading, Curb & Gutter, Storm Sewer, PCC Surfacing, and Structure

Original Contract Amount: \$ 8,307,858.63
Change on CCO No. 4: \$ 1,020,329.93
Net Change to Date: \$ 2,093,763.33

Explanation of Change on CCO No. 4: In addition to CCO #3 noted above, this increase was also the result of extra work performed by the Contractor as the result of encountering unfavorable bed rock on the project. The removal of the unfavorable bedrock down to sound bedrock also changed the quantities needed for structural concrete and structure excavation. In addition, this CCO also corrected a plan error for the additional widening need on SD 115. The plans mistakenly identified salvaged material for the additional widening. As this widening was necessary for traffic at the

beginning of the project and salvage material was not available, additional virgin granular material and asphalt concrete was used.

PIERRE REGION

- VII.** Project: NH 0014(186)225, Stanley County, PCN 03J4
Location: US 14 west of Ft. Pierre
Contractor: A-G-E Corporation
Type of Work: Drainage Improvements & Erosion Protection

Original Contract Amount: \$ 1,548,851.06
Change on CCO No. 3: \$ 75,849.30
Net Change to Date: \$ 114,513.60

Explanation of Change on CCO No. 3: This increase was the result of extra work performed by the Contractor to construct a retention pond on the project. The retention pond will help reduce sediment that is currently threatening pipe and underdrain outlets on the project.

- VIII.** Project: NH-P 0034(174)141, Haakon County, PCN 055K
Location: SD 34 from Meade/Ziebach County Line to Pierre
Contractor: The Road Guy Construction Company Inc.
Type of Work: Asphalt Concrete Surface Treatment

Original Contract Amount: \$ 699,084.68
Change on CCO No. 1: \$ 58,192.60
Net Change to Date: \$ 58,192.60

Explanation of Change on CCO No. 1: This increase was the result of additional asphalt for tack necessary on the project. At the direction of the Department, the Contractor was required to use a more concentrated ratio of asphalt for tack. This change was recommended by the Department's Bituminous Engineer.

- 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. 5: \$ 51,364.37
Net Change to Date: \$ 608,960.28

Explanation of Change on CCO No. 5: This increase was the result of extra work performed by the Contractor to eliminate shoulder drop offs present along the project.

- X.** Project: P 1804(45)357, Campbell County, PCN 0397
Location: SD 1804 from Mobridge to Pollock
Contractor: Anderson Western, Inc.
Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing;
Structure Rail Retrofit

Original Contract Amount: \$ 6,182,934.62
Change on CCO No. 7: \$ 177,331.22
Net Change to Date: \$ 318,841.63

Explanation of Change on CCO No. 7: This increase was the result of extra work performed by the Contractor to eliminate shoulder drop offs present along the project.

RAPID CITY REGION

- XI.** Project: NH-P 0042(61), Butte County, PCN 055E
Location: Various routes in the Belle Fourche Area
Contractor: Simon Contractors of SD dba Hills Materials Co.
Type of Work: Asphalt Concrete Surface Treatment, Asphalt Concrete Crack Leveling, and Asphalt Concrete Crack Sealing

Original Contract Amount: \$ 3,833,011.74
Change on CCO No. 1: \$ 81,993.60
Net Change to Date: \$ 81,993.60

Explanation of Change on CCO No. 1: This increase was the result of additional asphalt crack sealant needed to complete the work. The amount of material used for construction was greater than the amount estimated in the plans. This change in quantities is attributed to additional cracks developing after the initial survey and preparation the plans was completed and is common for this type of improvement.

- XII.** Project: IM 0901(148)40, Meade County, PCN 01KK
Location: I 90 from Exit 40 to Exit 44
Contractor: Loiseau Construction, Inc.
Type of Work: Grading, Asphalt Concrete Surfacing, Structures, & Permanent Signing

Original Contract Amount: \$ 11,262,197.58
Change on CCO No. 8: \$ (166,537.02)
Net Change to Date: \$ (218,581.43)

Explanation of Change on CCO No. 8: This decrease was the result of reducing the contract quantities of excavation, borrow, water for embankment, water for granular material, and pit run material. The quantities necessary for construction according to the plans was less than estimated in the plans.

XIII. 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. 8: \$ 64,636.03
Net Change to Date: \$ 262,325.21

Explanation of Change on CCO No. 8: This increase was the result of additional quantities of placing topsoil, remove and reset traffic control movable concrete barrier, fiber mulching, and permanent seed mixture. The quantities were adjusted to match the quantities used for construction and are considered normal variations for the work involved.

XIV. Project: IM 0903(102)112, Jackson County, PCN 03W0
Location: I-90 near Wall
Contractor: Bituminous Paving, Inc.
Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing

Original Contract Amount: \$ 5,863,085.26
Change on CCO No. 7F: \$ 120,916.60
Net Change to Date: \$ 203,323.20

Explanation of Change on CCO No. 7F: This increase was the result of a fuel cost adjustment made in accordance with the contract.

Sincerely,

Ryan K. Johnson
Specification Engineer