



## Department of Transportation

Division of Operations

700 E Broadway Avenue

Pierre, South Dakota 57501-2586

FAX: 605/773-2893

605/773-3571

January 24, 2019

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

Subject: Construction Change Orders Report

Construction change orders approved in December contain an increase of approximately \$168,017.

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 more than \$50,000.

### ABERDEEN REGION

- I. Project: IM 0299(72)225, Roberts County, PCN 021V  
Location: I-29 SBL from north of Exit 224 (Peever) to south of Exit 242  
Contractor: M10 Inc DBA Michels Corporation  
Type of Work: PCC Surfacing, PCC Overlay, & Bridge Deck Polymer Chip Seal

Original Contract Amount: \$ 13,967,321.37  
Change on CCO No. 4: \$ 179,071.18  
Net Change to Date: \$ 224,851.93

Explanation of Change on CCO No. 4: This increase is the result of the Department adjusting the contract quantity for gravel cushion. More gravel cushion was necessary to construct the project to the design section due to variations in the existing cross slope and inslopes.

**II.** Project: NH 0212(171)389, Deuel County, PCN 03RP  
Location: US 212 from Goodwin Road to west of the south junction of SD 15  
Contractor: Knife River Midwest LLC  
Type of Work: PCC Overlay

Original Contract Amount: \$ 5,263,074.54  
Change on CCO No. 3F: \$ 118,607.81  
Net Change to Date: \$ 435,781.99

Explanation of Change on CCO No. 3F: This increase is the result of the Department settling a claim payment through mediation with the Contractor.

**III.** Project: NH 0212(162)380, Codington & Deuel Counties, PCN 03RN  
Location: US 212 from Watertown to Goodwin Road  
Contractor: Knife River Midwest LLC  
Type of Work: PCC Overlay

Original Contract Amount: \$ 7,655,236.37  
Change on CCO No. 8F: \$ (343,517.49)  
Net Change to Date: \$ 199,645.10

Explanation of Change on CCO No. 8F: This decrease is the result of the Department settling a claim payment through mediation with the Contractor and assessing disincentive for the contractor not completing the work as specified. The disincentive was assessed in accordance with the contract and the results of the mediation.

**IV.** Project: NH 0014(173)342, Beadle County, PCN 026V  
Location: US 14 through Huron  
Contractor: Asphalt Paving & Materials Company  
Type of Work: AC Surfacing over PCCP, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, ADA Upgrades, and Roadway Lighting

Original Contract Amount: \$ 7,940,279.56  
Change on CCO No. 1F: \$ (217,609.98)  
Net Change to Date: \$ (217,609.98)

Explanation of Change on CCO No. 1F: This decrease is the result of the Department eliminating the requirement to place a sand seal on the new asphalt concrete pavement.

- V.** Project: P 0037(142)208, Brown County, PCN 04X1  
Location: SD 37 from US 12 to SD 10  
Contractor: Bituminous Paving, Inc.  
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Pipe Work, & Inslope Work

Original Contract Amount: \$ 5,353,358.01  
Change on CCO No. 1: \$ 86,346.40  
Net Change to Date: \$ 86,346.40

Explanation of Change on CCO No. 1: This increase is the result of the Department making incentive payments for asphalt concrete mix quality and asphalt concrete smoothness. The incentive payments were made in accordance with the contract.

- VI.** Project: P 0037(129)207, Brown County, PCN 039K  
Location: SD 37 in Groton  
Contractor: Webster Scale, Inc.  
Type of Work: Grading, Storm Sewer, Curb & Gutter, Sidewalk, Roadway Lighting, Signal, Asphalt Surfacing, Concrete Surfacing

Original Contract Amount: \$ 5,106,124.40  
Change on CCO No. 11: \$ 150,030.17  
Net Change to Date: \$ 16,742.87

Explanation of Change on CCO No. 11: This increase is the result of the Department adjusting the quantity of numerous contract items to match the actual quantities used during construction. The variations are considered normal for urban reconstruction work.

- VII.** Project: NH 0212(166)358, Codington County, PCN 03TF  
Location: US 212 in Henry  
Contractor: Webster Scale, Inc.  
Type of Work: Grading, Asphalt Concrete Surfacing, Curb & Gutter, ADA Upgrades, Sidewalk, & Roadway Lighting

Original Contract Amount: \$ 2,186,815.33  
Change on CCO No. 3: \$ (63,430.13)  
Net Change to Date: \$ (28,120.91)

Explanation of Change on CCO No. 3: This decrease is the result of the Department adjusting the quantity of numerous contract items to match the actual quantities used during construction. The variations are considered normal for urban reconstruction work.

## MITCHELL REGION

- VIII.** Project: IM 0292(77)47, Lincoln County, PCN 04D8  
Location: I-29 NBL & SBL from north of Exit 47 (Beresford) to south of Exit 62 (Canton)  
Contractor: Border States Paving, Inc.  
Type of Work: PCC Pavement Repair, Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Asphalt Surface Treatment of Ramps & Crossovers

Original Contract Amount: \$ 5,338,740.58  
Change on CCO No. 6: \$ (56,341.24)  
Net Change to Date: \$ 240,580.12

Explanation of Change on CCO No. 6: This decrease is the result of the Department adjusting the contract quantities for several minor variations, a disincentive assessment for ride quality, and price adjustments for non-specification material. The minor quantity adjustments are considered normal for this work. The disincentive assessment and price adjustments were made in accordance with the contract.

- IX.** Project: P 0044(202)312, Douglas County, PCN 03VH  
Location: SD 44 from SD 50 to US 281  
Contractor: Spencer Quarries Inc.  
Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing

Original Contract Amount: \$ 3,554,030.58  
Change on CCO No. 2: \$ (56,714.77)  
Net Change to Date: \$ (56,714.77)

Explanation of Change on CCO No. 2: This decrease is the result of the Department eliminating the requirement for MC-70 Asphalt for Prime from the contract.

- X.** Project: P 0011(102)55, Lincoln County, PCN 037Q  
Location: SD 11 from US 18 to south of Sioux Falls  
Contractor: Duininck, Inc.  
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Pipe Work

Original Contract Amount: \$ 2,709,866.59  
Change on CCO No. 1: \$ (207,860.74)  
Net Change to Date: \$ (207,860.74)

Explanation of Change on CCO No. 1: 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 granular material, asphalt binder, asphalt concrete, asphalt for flush seal, and sand for flush seal.

**XI.** Project: P 0115(51)194, Minnehaha County, PCN 03RT  
Location: SD 115 Exit 98  
Contractor: T&R Contracting Inc.  
Type of Work: Grading, Curb & Gutter, Storm Sewer, PCC Surfacing/Resurfacing, Structures

Original Contract Amount: \$ 18,816,518.52  
Change on CCO No. 3: \$ 274,781.89  
Net Change to Date: \$ 408,161.86

Explanation of Change on CCO No. 3: This increase is the result of additional excavation, backfill, structural concrete, and piling at both abutments and all 3 piers of the Big Sioux River bridge. During construction, significant variations in the bed rock elevations from what was shown in the plans caused extra work and the need for additional materials to construct the bridge as designed. The variations and design modifications were approved by the Department's Geotechnical Engineer.

**XII.** Project: P 0115(51)194, Minnehaha County, PCN 03RT  
Location: SD 115 Exit 98  
Contractor: T&R Contracting Inc.  
Type of Work: Grading, Curb & Gutter, Storm Sewer, PCC Surfacing/Resurfacing, Structures

Original Contract Amount: \$ 18,816,518.52  
Change on CCO No. 4: \$ 124,978.20  
Net Change to Date: \$ 533,140.06

Explanation of Change on CCO No. 4: This increase is the result of the Department adding durable pavement markings to the contract.

**XIII.** Project: NH 0020(191), Lake County, PCN 06N2  
Location: Various Routes in the Mitchell Region  
Contractor: Highway Improvement Inc.  
Type of Work: Crack Leveling and Pavement Marking

Original Contract Amount: \$ 37,473.20  
Change on CCO No. 1F: \$ 79,508.46  
Net Change to Date: \$ 79,508.46

Explanation of Change on CCO No. 1F: This increase is the result of the a large overrun in the rate of application for asphalt repair mastic. During construction and upon closer inspection, the Department identified additional cracks in need of leveling and sealing and ordered additional material applied to the roadway.

**XIV.** Project: IM 0293(96)73, Lincoln County, PCN 01QS  
Location: I-29 from Exit 73 (Tea) to 57th Street & I-229  
Contractor: T & R Contracting Inc.  
Type of Work: Grading, Structures, PCC Surfacing, Lighting & Utilities

Original Contract Amount: \$ 33,819,550.57  
Change on CCO No. 5: \$ 74,766.96  
Net Change to Date: \$ (44,170.74)

Explanation of Change on CCO No. 5: This increase was the result of extra work and materials needed to install roadway lighting in lieu of 150 feet tall tower lights. During construction, the Department's Aeronautics Office determined the tower lights should be removed and replaced with 50 feet tall roadway lighting due to the proximity of the lights to the Avera Heart Hospital and medical helicopter traffic.

### **PIERRE REGION**

**XV.** Project: NH 0018(176)206, Todd County, PCN 039G  
Location US 18 and US 83 in Mission  
Contractor: Anderson Contractors, Inc.  
Type of Work: Urban Grading, PCC Surfacing, Storm Sewer, Curb & Gutter, ADA Upgrades, Sidewalk, Traffic Signals, Roadway Lighting, & Weigh in Motion System

Original Contract Amount: \$ 12,288,692.68  
Change on CCO No. 11: \$ 315,318.80  
Net Change to Date: \$ 1,029,892.92

Explanation of Change on CCO No. 11: This increase is the result of the Department adjusting numerous contract quantities to match the actual quantities used during construction. Larger increases were made for excavation, base course, salvage granular material, temporary asphalt, concrete pavement, flagging, temporary sidewalk, seeding, and dewatering. The variations resulted from additional work added by the Department during construction, variations for plan estimated quantities, and variations due to specific site conditions that arose during construction. The variations are numerous and significant but are considered routine for urban reconstruction work.

**XVI.** Project: NH 0018(176)206, Todd County, PCN 039G  
Location US 18 and US 83 in Mission  
Contractor: Anderson Contractors, Inc.  
Type of Work: Urban Grading, PCC Surfacing, Storm Sewer, Curb & Gutter, ADA Upgrades, Sidewalk, Traffic Signals, Roadway Lighting, & Weigh in Motion System

Original Contract Amount: \$ 12,288,692.68  
Change on CCO No. 12: \$ 69,824.92  
Net Change to Date: \$ 1,099,717.84

Explanation of Change on CCO No. 12: 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 dowel bars, pipe cleanout, flagging, pavement marking removal, and pavement markings. The variations are considered minor for urban reconstruction work.

**XVII.** Project: NH 0014(233)202, Stanley County, PCN 068F  
Location US 14 from east of Hayes to Ft. Pierre  
Contractor: Anderson Western, Inc.  
Type of Work: Mill and AC Resurfacing and Bridge Deck Polymer Chip Seal

Original Contract Amount: \$ 4,733,122.26  
Change on CCO No. 4: \$ 133,575.04  
Net Change to Date: \$ 67,104.94

Explanation of Change on CCO No. 4: This increase is the result of the Department making incentive payments for asphalt concrete mix quality and asphalt concrete smoothness. The incentive payments were made in accordance with the contract.

**XVIII.** Project: P 0183(24)51, Lyman County, PCN 03U0  
Location: US 183 over the White River  
Contractor: Heavy Constructors, Inc.  
Type of Work: Structures, Approach Grading, & Outlet Repair

Original Contract Amount: \$ 6,200,484.00  
Change on CCO No. 3: \$ 67,854.22  
Net Change to Date: \$ 67,854.22

Explanation of Change on CCO No. 3: This increase is the result of the Department adding a specification requirement to the bridge end embankment material. With the change, the existing material on site does not meet specification requirements as bid. This CCO compensates the Contractor for the additional cost to provide suitable material.

## RAPID CITY REGION

**XIX.** Project: NH 0016(84)67, Pennington County, PCN 049F  
Location: US 16 (Mt. Rushmore Road) from Flormann Street to St. James Street in Rapid City  
Contractor: Complete Concrete, Inc.  
Type of Work: Grading, PCC Surfacing, Storm Sewer, Curb & Gutter, Sidewalk, Lighting, and Signals

Original Contract Amount: \$ 7,548,254.09  
Change on CCO No. 7: \$ (166,190.10)  
Net Change to Date: \$ (423,915.44)

Explanation of Change on CCO No. 7: This decrease is the result of the Department adjusting the contract quantity for flagging. Less hours of flagging were required than estimated to safely control traffic. This CCO also contained numerous other minor contract quantity adjustments, both increases and decreases.

Sincerely,

Ryan K. Johnson  
Specification Engineer