



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 completed in July contain an increase of approximately \$2,926,682.

Over the past 12 months, the overall contract increase is 3.79%.

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

ABERDEEN REGION

- I. Project: P 0013(42)115, Brookings & Moody Counties, PCN 04EV
Location: SD 13 from 7 miles north of Flandreau north 6 miles
Contractor: Bowes Construction, Inc.
Type of Work: AC Resurfacing

Original Contract Amount: \$ 3,274,673.00
Change on CCO No. 1: \$ (119,703.74)
Net Change to Date: \$ (119,703.74)

Explanation of Change on CCO No. 1: This decrease is the result of the Department adjusting the contract quantities of Contractor furnished granular material and blend, haul, and stockpile granular material. Following the letting, the Department determined the excess salvage material would not be needed by maintenance forces. Therefore, the Contractor was not required to blend the salvage material with virgin material and these items were reduced.

MITCHELL REGION

- II. Project: NH 0037(117)78, Davison County, PCN 023F
 Location: SD 37 from Mitchell to the Sanborn county line
 Contractor: PCI Roads, LLC
 Type of Work: PCC Resurfacing, Low Slump Dense Concrete Overlay, and Replace Approach Slabs.

Original Contract Amount: \$ 8,859,777.13
 Change on CCO No. 2: \$ 180,582.73
 Net Change to Date: \$ 141,555.68

Explanation of Change on CCO No. 2: This increase is the result of the Department adjusting the contract quantity of PCC overlay, furnish and for making an incentive payment for pavement smoothness. The overlay furnish item was adjusted to match the Department approved profile of the overlay. The smoothness incentive was made 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, and PCC Surfacing

Original Contract Amount: \$ 6,789,000.00
 Change on CCO No. 4F: \$ 308,276.39
 Net Change to Date: \$ 424,433.68

Explanation of Change on CCO No. 4F: This increase is the result of the Department adjusting the contract quantities of numerous contract items to match the quantities used during construction. Most changes represent normal small variations which are common for the type of work. A larger change was made for Contractor furnished granular material and blend, haul, and stockpile granular material. This change is the result of an overrun in the amount of salvage material available on the site. The material was blended with virgin granular material and stockpiled for future use.

- IV.** Project: NH 0100(105)419, Minnehaha County, PCN 01V5
 Location: Veteran's Parkway from Maple Street to Rice Street in Sioux Falls
 Contractor: T&R Contracting, Inc.
 Type of Work: Grading, PCC Surfacing, Structure, Curb & Gutter, Roadway Lighting, Traffic Signal, and Storm Sewer

Original Contract Amount: \$ 13,969,297.96
 Change on CCO No. 3: \$ 130,871.70
 Net Change to Date: \$ 170,204.92

Explanation of Change on CCO No. 3: This increase is the result of a change to the landscaping plan for the median on the project. The City of Sioux Falls requested the change and entered into an agreement with the Department.

PIERRE REGION

- V.** 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. 3: \$ 157,750.50
 Net Change to Date: \$ (97,013.06)

Explanation of Change on CCO No. 3: This increase is the result of the Department requiring additional moveable concrete barriers and end protection units on the project. The barriers and end protection were added to help protect the traveling public from the bridge ends while guardrail is removed during construction.

- VI.** Project: NH-P 0032(21), Dewey & Ziebach Counties, PCN 049L
 Location: Various Locations on the Cheyenne River Indian Reservation
 Contractor: Dakota Prairie Landscapes, LLC
 Type of Work: Culvert Repair (Slip Lining)

Original Contract Amount: \$ 211,786.60
 Change on CCO No. 1: \$ 198,936.11
 Net Change to Date: \$ 198,936.11

Explanation of Change on CCO No. 1: This increase is the result of the Department paying for extra work performed by the Contractor. During construction, the existing pipe at one location was found to be deteriorated beyond the ability to slip line the pipe and still maintain the required flow. The Department and Contractor collaborated and identified an alternate option for the repair. Ultimately, a slip lining repair was completed

with a smaller pipe and an additional pipe was bored and jacked along the original pipe to maintain the required flow capabilities.

- VII.** Project: PH 0083(70)0, Todd County, PCN 03B2
Location: US83 from the Nebraska State Line to south of Mission
Contractor: Bituminous Paving, Inc.
Type of Work: Shoulder Widening, Spot Grading, Asphalt Concrete Surfacing, Sidewalk, & Lighting

Original Contract Amount: \$ 13,412,013.04

Change on CCO No. 13: \$ 90,770.00

Net Change to Date: \$ 449,474.90

Explanation of Change on CCO No. 13: This increase is the result of an ongoing change to the contract requirements for asphalt for prime. At the request of the Contractor, the Department agreed to try an emulsified asphalt for prime in lieu of the cutback-based MC-70 prime. The Department will not pay for any increase in cost upon completion of the work. The Department will remove or update the original quantity of MC-70 upon obtaining satisfactory results with either the new emulsion prime or the original prime on a future CCO.

- VIII.** 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. 13: \$ (189,708.36)

Net Change to Date: \$ 910,009.48

Explanation of Change on CCO No. 13: This decrease is the result of numerous variations to the plans quantities. The Department made the adjustments to match the quantities used during construction. The variations are all minor and affected numerous contract items. While the total decrease is significant, no items stand out as significant variations. The variations are common for the work involved.

RAPID CITY REGION

- IX.** Project: IM-PH 0901(61)49, Meade County, PCN 5586
Location: I-90 exit 51 at Black Hawk
Contractor: Foothills Contracting, Inc.
Type of Work: Grading, Structures, Surfacing, Guardrail, Signals, Pavement Marking, and Signing

Original Contract Amount: \$ 25,940,118.96
Change on CCO No. 21S: \$ 146,578.28
Net Change to Date: \$ 518,375.10

Explanation of Change on CCO No. 21S: This increase is the result of the Department settling a claim submitted by the Contractor.

- X.** Project: NH 0085(91)78, Butte County, PCN 04WE
Location: US 85 north and south of SD 168 and US 85 through Buffalo
Contractor: Border States Paving, Inc.
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, and Culvert Repairs

Original Contract Amount: \$ 8,654,088.58
Change on CCO No. 4: \$ 229,478.20
Net Change to Date: \$ 322,941.26

Explanation of Change on CCO No. 4: This increase is the result of an agreement reached between the Department and the Contractor regarding deficient construction practices on the part of the Contractor. A surface defect showed up over the winter of 2018-2019. Upon investigation by the Department, Contractor, and Dakota Asphalt Pavement Association the cause was determined. The mineral aggregate of the asphalt pavement placed in 2018 was contaminated with clay prior to mixing with asphalt and paving. As agreed by the Contractor and Department, the contamination at the surface of the pavement was removed and micro-surfacing was applied to the entire project. The Contractor was not compensated for the micro-surfacing on the portion of the project paved in 2018. The Department is paying for the micro-surfacing on the portion of the project paved in 2019. This treatment option will replace the future chip seal treatment that would have been placed in about 2 years.

Sincerely,

Ryan K. Johnson
Specification Engineer