

# **South Dakota Department of Transportation**

Division of Operations 700 E Broadway Avenue Pierre, South Dakota 57501-2586

June 14, 2021

Mr. Craig Smith
Director of Operations
South Dakota Department of Transportation
Pierre, SD 57501

Subject: Construction Change Orders Report

Construction change orders completed in May contain an increase of approximately \$1,589,241.95.

Over the past 12 months, the overall contract increase is 2.93%.

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

#### **ABERDEEN REGION**

I. Project: P 0025(80)88, Kingsbury County, PCN 05J1

Location: SD 25, from east of SD 34 north to the Miner/Kingsbury county line

Contractor: Asphalt Paving & Materials Co.

Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, and Pipe Work

Original Contract Amount: \$ 3,086,572.42 Change on CCO No. 2F: \$ (133,883.65) Net Change to Date: \$ (123,610.17)

<u>Explanation of Change on CCO No. 2F:</u> This decrease is the result of the Department adjusting the contract quantities of salvage material and asphalt binder. The quantity of salvage material available from the project to be stockpiled for future use was less than estimated in the plans. The Department review asphalt concrete mix design contained an asphalt binder content target lower than estimated in the plans.

II. Project: P PH 0015(77)155, Deuel County, PCN 04K8 Location: SD 15 from north of US 212 to south of SD 20

Contractor: R & G Construction Co.

Type of Work: Grading, Interim Surfacing, and Replace Structures

Original Contract Amount: \$ 13,420,018.47 Change on CCO No. 1: \$ (106,191.60) Net Change to Date: \$ (106,191.60)

<u>Explanation of Change on CCO No. 1:</u> This decrease is the result of the Department adjusting the contract quantity of blend and stockpile salvage material. The quantity of salvage material available from the project to be blended and stockpiled for future use was less than estimated in the plans.

#### MITCHELL REGION

III. Project: IM 0292(91)61, Lincoln County, PCN 07PL Location: I-29 from Canton (Exit 62) to Tea (Exit 73)

Contractor: BX Civil & Construction Inc. Type of Work: CRC Pavement Repair

Original Contract Amount: \$ 1,422,111.00 Change on CCO No. 1: \$ 84,050.00 Net Change to Date: \$ 84,050.00

<u>Explanation of Change on CCO No. 1:</u> This increase is the result of the Department adjusting the contract quantity of PCC pavement repair to match the quantity used during construction. During construction, the Department identified additional areas in need of repair.

IV. Project: NH 0115(48)76, Lincoln County, PCN 0214

Location: SD 115 from 273<sup>rd</sup> to 85<sup>th</sup> St. Contractor: T & R Contracting Inc.

Type of Work: Grading, Box Culvert, PCC Surfacing, Curb & Gutter, Storm Sewer, Traffic

Signals, and Lighting

Original Contract Amount: \$ 15,649,999.99 Change on CCO No. 6: \$ 190,578.48 Net Change to Date: \$ 1,028,410.60

<u>Explanation of Change on CCO No. 6:</u> This increase is the result of the Department adjusting the contract quantities of asphalt concrete and salvage and stockpile asphalt mix and granular base material. The Department increased the contract quantity of asphalt concrete to match the quantity used during construction. The quantity of material salvaged and stockpiled for future use was more than estimated in the plans.

V. Project: P 0021(166), Mitchell Area, PCN 05XX Location: Various routes in the Mitchell Area

Contractor: Roadway Services, Inc.

Type of Work: Asphalt Concrete Crack Sealing

Original Contract Amount: \$ 345,131.34 Change on CCO No. 1: \$ (108,763.45) Net Change to Date: \$ (108,763.45)

<u>Explanation of Change on CCO No. 1:</u> This decrease is the result of the Department adjusting the contract quantity of asphalt concrete crack sealing. The actual amount of crack sealing completed was less than estimated in the plans.

VI. Project: P 0044(201)276, Gregory County, PCN 05GP

Location: SD 44 east of SD 47 to 6.5 miles west of Platte-Winner bridge

Contractor: Schweigert Construction Inc.

Type of Work: Landslide Repair

Original Contract Amount: \$ 1,295,861.50 Change on CCO No. 2: \$ (51,758.45) Net Change to Date: \$ 117,944.85

<u>Explanation of Change on CCO No. 2:</u> This decrease is the result of the Department adjusting the contract quantities of base course and asphalt concrete. CCO #1 provided an estimated increase for these items due to adding a temporary diversion to the contract. This CCO reduced those estimated quantities to the actual quantity used to construct the temporary diversion.

#### PIERRE REGION

VII. Project: IM-FP 0903(108)163, Jackson County, PCN 04D7

Location: I-90 EBL from east of Belvidere exit to west of Jackson/Jones county line

Contractor: Complete Concrete Inc. dba Complete Contracting Sol

Type of Work: Grading, PCC Surfacing, Cold Milling, Asphalt Concrete Resurfacing, Pipe Work,

Approach Slabs, and Remove Asphalt Membrane Overlay

Original Contract Amount: \$ 22,771,269.16 Change on CCO No. 1: \$ 654,651.61 Net Change to Date: \$ 654,651.61

<u>Explanation of Change on CCO No. 1:</u> This increase is the result of the Department adjusting the contract quantities of unclassified excavation and undercutting. A plan error discovered during construction resulted in an inaccurate estimate of the quantity of these two items.

### **Attachment #3**

VIII. Project: NH 0018(193)252, Tripp County, PCN 04FD

Location: US 18 from west of Monroe St to Lincoln St in Winner, US 18E&W from Lincoln St to

3<sup>rd</sup> St in Winner, US 18 from 3<sup>rd</sup> St to 7<sup>th</sup> St in Winner

Contractor: T & R Contracting Inc.

Type of Work: Grading, Storm Sewer, Curb & Gutter, Sidewalk, Roadway Lighting, Traffic

Signals, and Portland Cement Concrete Surfacing

Original Contract Amount: \$ 11,099,144.85 Change on CCO No. 9: \$ 287,715.90 Net Change to Date: \$ 647,043.95

<u>Explanation of Change on CCO No. 9:</u> This increase is the result of the Department adjusting the contract quantities of salvage granular material and furnish granular material. Less material was available for salvage on the project than estimated in the plans resulting in a reduction of quantity for the salvage granular material item. As a result, addition virgin granular material was furnished by the contract resulting in and increase to the granular material furnish item. The overall change was an increase in cost.

IX. Project: NH EM 0083(74)55, Jones County, PCN 04E7

Location: US 83 from north of White River to north of the Mellette/Jones county line

Contractor: Foothills Contracting Inc.

Type of Work: Grading, Structures, and Interim Surfacing

Original Contract Amount: \$ 25,965,988.45 Change on CCO No. 8: \$ 96,343.10 Net Change to Date: \$ 363,516.20

<u>Explanation of Change on CCO No. 8:</u> This increase is the result of the Department compensating the Contractor for extra work performed to maintain traffic and traffic control devices not originally included in the traffic control plan developed by the Department in included in the plans for the project.

#### RAPID CITY REGION

X. Project: IM 0902(112)59, Pennington County, PCN 6568

Location: I-90 Exit 90 in Rapid City

Contractor: Complete Concrete Inc dba Complete Contracting Sol

Type of Work: Interchange Reconstruction

Original Contract Amount: \$ 17,484,588.63 Change on CCO No. 4: \$ 83,063.00 Net Change to Date: \$ 78,528.00

<u>Explanation of Change on CCO No. 4:</u> This increase is the result of the Department compensating the Contractor for extra work performed to furnish and maintain a queue detection system for the project. The Department identified the need for the system as the result of traffic backing up on I-90 during peak traffic times creating a safety concern. The queue detection system will alert the traveling public of traffic backups in advance allowing the traveling public to choose an alternate route or to be prepared for traffic backups.

XI. Project: P 6480(04), Pennington County, PCN 5777

Location: Sheridan Lake Road from US 385 to Alberta Road

Contractor: Oftedal Construction Inc.

Type of Work: Grading, Asphalt Concrete Surfacing, Curb & Gutter, Structures and Storm Sewer

Original Contract Amount: \$ 22,871,427.33 Change on CCO No. 6: \$ 153,356.00 Net Change to Date: \$ 132,740.73

<u>Explanation of Change on CCO No. 6:</u> This increase is the result of the Department compensating the Contractor for additional expenses due to a delay in relocation of utilities. The 36 working day delay in utility relocation resulted in lost production and down time for the Contractor.

XII. Project: IM 0040(337), Lawrence County, PCN 072E

Location: I-90 Corridor in Rapid City Region Contractor: Western Construction Inc.

Type of Work: Asphalt Concrete Resurfacing and Asphalt Concrete Surface Treatment

Original Contract Amount: \$ 2,128,637.35 Change on CCO No. 4: \$ (201,052.73) Net Change to Date: \$ 23,906.64

<u>Explanation of Change on CCO No. 4:</u> This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger decreases were made for the items of base course, grooving for pavement markings, flagging, and pavement markings all due to normal project variations.

## **Attachment #3**

XIII. Project: PH 0040(332), Rapid City Region, PCN 06K3 Location: Various locations in Rapid City Region Contractor: Simon Contractors of South Dakota Inc.

Type of Work: Intersection Improvements, Lighting

Original Contract Amount: \$ 1,449,185.91 Change on CCO No. 2: \$ (154,774.99) Net Change to Date: \$ (154,606.62)

<u>Explanation of Change on CCO No. 2:</u> This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger decreases were made for the items of base course, excavation, rumble stripes, and temporary traffic control all due to normal project variations.

Sincerely,

Ryan K. Johnson Senior Specifications Engineer