

# **South Dakota Department of Transportation**

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

July 20, 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 June contain a decrease of approximately \$158,219.03.

Over the past 12 months, the overall contract increase is 2.95%.

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

#### ABERDEEN REGION

I. Project: NH 0012(218)387, Grant County, PCN 05EK Location: US12 From Milbank to the Minnesota state line

Contractor: Central Specialties, Inc.

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

Work

Original Contract Amount: \$ 5,352,180.90 Change on CCO No. 1: \$ 77,127.00 Net Change to Date: \$ 77,127.00

Explanation of Change on CCO No. 1: This increase is the result of the Department compensating the Contractor for extra work perform to place pit run material where saturated soils where encountered during construction. The saturated soils were originally planned to be reused on the project but due to the change of conditions, the extra work and new material was recommended by the Department's Materials and Surfacing staff.

II. Project: P 0022(63)370, Deuel County, PCN 05U9
Location: SD22 From SD15 to the Minnesota state line

Contractor: Duininck, Inc.

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

Grading

Original Contract Amount: \$ 4,664,200.70 Change on CCO No. 3F: \$ 63,299.45 Net Change to Date: \$ (367,655.16)

<u>Explanation of Change on CCO No. 3F:</u> This increase is the result of the Department making incentive payments for asphalt concrete mix quality and pavement smoothness. The Department made the incentive payments in accordance with the contract.

# MITCHELL REGION

III. Project: NH PH 0018(180)420, Lincoln and Turner County, PCN 036A

Location: US18 From SD19 to I-29 Contractor: Runge Enterprises, Inc.

Type of Work: Shoulder Widening, Grading, Structure Replacement

Original Contract Amount: \$ 13,022,756.77 Change on CCO No. 4: \$ 382,764.70 Net Change to Date: \$ 392,216.09

<u>Explanation of Change on CCO No. 4:</u> This increase is the result of the Department compensating the Contractor for extra work and rework cause by a flood event on March 15, 2019. Water overtopped a portion of the completed work resulting in erosion and the need to repair, replace, and rework a portion of the project.

IV. Project: NH PH 0018(180)420, Lincoln and Turner County, PCN 036A

Location: US18 From SD19 to I-29 Contractor: Runge Enterprises, Inc.

Type of Work: Shoulder Widening, Grading, Structure Replacement

Original Contract Amount: \$ 13,022,756.77 Change on CCO No. 5: \$ 221,645.66 Net Change to Date: \$ 613,861.75

<u>Explanation of Change on CCO No. 5:</u> This increase is the result of the Department adjusting the contract quantities of asphalt concrete and asphalt binder. The Department ordered more extensive removal of the existing asphalt surfacing to allow for changes to the design identified and determined necessary during construction. Additionally, the Department ordered a lift of asphalt concrete placement over a temporary traffic diversion frequently impacted by heavy rain events to accommodate traffic.

V. Project: PH 0020(181), Davidson, Lincoln, Minnehaha, and Yankton County, PCN 06C4

Location: Various Routes in the Mitchell Region

Contractor: Muth Electric, Inc.

Type of Work: Reflective Signal Backplates

Original Contract Amount: \$ 395,420.42 Change on CCO No. 2: \$ 105,073.16 Net Change to Date: \$ 152,073.16

<u>Explanation of Change on CCO No. 2:</u> This increase is the result of the Department compensating the Contractor for extra work and new materials. A plan error identified during construction resulted in the need for the Contractor to order different backplates for signals than originally included in the plans. The incorrect sizes were already ordered when the error was discovered. The Department agreed to purchase the original size back plates at the invoiced costs for use on future projects.

VI. Project: IM NH P 0022(77), Brookings, Minnehaha, and Moody County, PCN 06Y8

Location: Various Routes in Sioux Falls Area

Contractor: Asphalt Surface Technologies Corporation

Type of Work: Asphalt Surface Treatment

Original Contract Amount: \$ 2,255,248.00 Change on CCO No. 2F: \$ (63,066.47) Net Change to Date: \$ (60,600.32)

<u>Explanation of Change on CCO No. 2F:</u> This decrease is the result of the Department adjusting the contract quantities of sand for fog seal, asphalt for surface treatment, and cover aggregate to match the quantities used during construction.

# 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. 2: \$ 81,563.50 Net Change to Date: \$ 736,215.11

<u>Explanation of Change on CCO No. 2:</u> This increase is the result of the Department compensating the Contractor for performing extra work not originally included in the contract. The Department identified significant erosion and material loss at a structure at MRM 207 on I-90 EBL. The Department's Office or Bridge Design staff inspected the damage and determined emergency repairs were necessary.

**VIII.** Project: NH EM 0083(74)55, Jones and Mellette County, PCN 04E7

Location: US83 North of White River to North of 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. 9: \$ 97,668.00 Net Change to Date: \$ 461,184.20

<u>Explanation of Change on CCO No. 9:</u> This increase is the result of the Department compensating the Contractor for additional hours of flagging and pilot car to provide 24-hour flagging of pipe installations in deep fills. In addition, the Department added water for dust control to the project to control dust on the project.

IX. Project: P 1806(12)149, Stanley County, PCN 038Z

Location: SD1806 From the Lyman/Stanley County Line North 14.7 miles, Structure 11.2

miles Southeast of US 83 over Antelope Creek

Contractor: Morris, Inc.

Type of Work: Cold Milling, Asphalt Concrete Resurfacing, Pipe Work, Deck Overlay

Original Contract Amount: \$ 6,830,151.64 Change on CCO No. 3: \$ 51,935.00 Net Change to Date: \$ 45,556.90

<u>Explanation of Change on CCO No. 3:</u> This increase is the result of the Department compensating the Contractor for extra work performed to place cured in place pipe culverts inside 2 existing pipe culverts on the project. During construction, the Department noted excessive corrosion of the existing pipes and ordered a more extensive and more expensive treatment to the pipe culverts.

X. Project: NH 0083(82)25, Mellette and Todd County, PCN 03RR

Location: US83 from West of the Junction of US18 to North of the Junction of SD44

Contractor: Bituminous Paving, Inc.

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

Original Contract Amount: \$ 9,319,298.67 Change on CCO No. 19F: \$ (189,048.08) Net Change to Date: \$ 640,890.19

<u>Explanation of Change on CCO No. 19F:</u> This decrease is the result of the Department making a fuel cost adjustment to the contract. The Department made the adjustment in accordance with the contract.

**XI.** Project: NH 0083(86)0, Todd County, PCN 068G

Location: US83 From Nebraska State Line to Mission

Contractor: Bituminous Paving, Inc.

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

Original Contract Amount: \$ 6,950,879.72 Change on CCO No. 9F: \$ (140,095.96) Net Change to Date: \$ 770,142.71

<u>Explanation of Change on CCO No. 9F:</u> This decrease is the result of the Department making a fuel cost adjustment to the contract. The Department made the adjustment in accordance with the contract.

# RAPID CITY REGION

XII. Project: P 1774(00)6, Pennington County, PCN 02SF

Location: East Boulevard and East North Street from St. Joseph Street North and East to

Herman Street in Rapid City Contractor: Simon Contractors

Type of Work: Grading, Intersection Improvement, Traffic Signals, Curb & Gutter

Original Contract Amount: \$ 11,333,766.37 Change on CCO No. 9: \$ (112,252.03) Net Change to Date: \$ (43,975.05)

<u>Explanation of Change on CCO No. 9:</u> This decrease is the result of the Department adjusting the contract quantities of woven separator fabric, remove sediment, remove silt fence, high flow silt fence, and floating silt curtain. The Rapid City Engineer determined the items would not be necessary to successfully complete the project.

XIII. Project: P 1774(00)6, Pennington County, PCN 02SF

Location: East Boulevard and East North Street from St. Joseph Street North and East to

Herman Street in Rapid City Contractor: Simon Contractors

Type of Work: Grading, Intersection Improvement, Traffic Signals, Curb & Gutter

Original Contract Amount: \$ 11,333,766.37 Change on CCO No. 10: \$ 107,439.85 Net Change to Date: \$ 63,464.80

Explanation of Change on CCO No. 10: This increase is the result of the Department compensating the Contractor for extra work performed to work in cold weather, extra traffic control, and provide temporary surfacing to tie partially completed work into the existing surfacing. The Contractor experienced an amount of adverse weather days in 2019 exceeding the expected adverse weather days shown in the contract. As a result, this extra work was necessary to prepare the project for the winter of 2019/2020 for completion in 2020.

XIV. Project: NH 0079(75)27, Custer and Fall River County, PCN 05EM

Location: SD79N From North of the Custer/Fall River County Line to the end of the divided highway South of Hermosa & SD79S From North of US18 to North of the Fall River/Custer County Line

Contractor: Simon Contractors of SD, Inc.

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

Work

Original Contract Amount: \$ 7,686,320.26 Change on CCO No. 2: \$ (880,390.48) Net Change to Date: \$ (879,509.48)

<u>Explanation of Change on CCO No. 2:</u> This decrease is the result of the Department adjusting the contract quantities of dig outs, asphalt removal, salvaged base course, and asphalt concrete composite. The actual as constructed quantities of these items were significantly reduced due to the original road being in better condition than anticipated.

XV. Project: PH 014A(19)31, Lawrence County, PCN 04XJ

Location: US14A 2 miles East of US85 (Cheyenne Crossing)

Contractor: Zandstra Construction, Inc.

Type of Work: Grading & Asphalt Concrete Surfacing

Original Contract Amount: \$ 3,796,363.37 Change on CCO No. 5: \$ (391,021.78) Net Change to Date: \$ (539,367.73)

<u>Explanation of Change on CCO No. 5:</u> This decrease is the result of the Department adjusting the contract quantities of base course and Contractor furnished topsoil. The amount of salvaged base course and available topsoil on site were enough to eliminate the need for additional virgin base course and Contractor furnished topsoil.

Sincerely,

Ryan K. Johnson Senior Specifications Engineer