



Department of Transportation

Division of Operations

700 E Broadway Avenue

Pierre, South Dakota 57501-2586

FAX: 605/773-2893

605/773-3571

August 17, 2020

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

Subject: Construction Change Orders Report

Construction change orders completed in July contain an increase of approximately \$1,699,246.

Over the past 12 months, the overall contract increase is 1.22%.

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

ABERDEEN REGION

- I. Project: ER 0081(116)112, Kingsbury County, PCN 07FJ
Location: US 81 Through Twin Lakes north of Madison
Contractor: Prairie States Trucking, Inc.
Type of Work: Temporary Grade Raise

Original Contract Amount:	\$	4,133,991.50
Change on CCO No. 2:	\$	2,695,390.35
Net Change to Date:	\$	2,703,390.35

Explanation of Change on CCO No. 2: This increase is the result extra worked performed by the Contractor to raise the roadway an additional 9 inches and to install fabric, riprap, and guardrail along the shoulder of the roadway. The Department determined the additional grade raise was necessary following a significant rain event during construction. In addition, the Department added the installation of guardrail along the shoulder of the grade raise for the safety of the traveling public and installation fabric and riprap to protect the shoulders from erosion.

- II.** Project: P 0010(123)273, Brown County, PCN 03AM
 Location: SD 10 west of US 281 over Dry Run Creek & over the Elm River
 Contractor: Industrial Builders, Inc.
 Type of Work: Structures and Approach Grading

Original Contract Amount: \$ 4,356,948.20
 Change on CCO No. 6: \$ 59,241.60
 Net Change to Date: \$ 103,114.85

Explanation of Change on CCO No. 6: This increase is the result extra work performed by the Contractor to repair the detour route with asphalt concrete.

MITCHELL REGION

There are no CCOs amounting to a change of \$50,000 to report this period.

PIERRE REGION

- III.** Project: NH 0012(213)159, Corson County, PCN 05U6
 Location: US 12 from McLaughlin east 12 miles
 Contractor: Bituminous Paving, Inc
 Type of Work: Cold Mill Asphalt Concrete, Asphalt Concrete Resurfacing, Pipe Work, and ADA Improvements

Original Contract Amount: \$ 5,658,129.70
 Change on CCO No. 1: \$ 85,938.08
 Net Change to Date: \$ 85,938.08

Explanation of Change on CCO No. 1: This increase is the result of extra work performed by the Contractor to repair and replace a portion of the degraded existing pavement at bridge approaches. The Department ordered a modification to the designed paving notch resulting in the extra work.

- IV.** Project: NH 0083(82)25, Mellette County, PCN 03RR
 Location: US 83 from the West junction of US 18 to the North junction of SD 44
 Contractor: Bituminous Paving, Inc
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Asphalt Concrete Surfacing of Shoulders, and Bridge Approach Reconstruction

Original Contract Amount: \$ 9,319,298.67
 Change on CCO No. 11: \$ 115,337.00
 Net Change to Date: \$ 1,111,672.85

Explanation of Change on CCO No. 11: This increase is the result of additional salvage base course material necessary to bring the shoulders up to the typical section elevation prior to paving asphalt concrete on the shoulders. Additionally, the Department adjusted

the hours for flagging and pilot car to match the quantity used during construction to safely accommodate traffic during construction.

- V.** Project: NH 0083(86)0, Todd County, PCN 068G
 Location: US 83 from the Nebraska state line to Mission
 Contractor: Bituminous Paving Inc
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, and Rumble Strips

Original Contract Amount:	\$	6,950,879.72
Change on CCO No. 4:	\$	340,627.60
Net Change to Date:	\$	578,898.60

Explanation of Change on CCO No. 4: This increase is the result of the Department adjusting the contract requirement for recycled asphalt pavement (RAP) content in the new asphalt concrete. The RAP material generated from milling the roadway is not of sufficient quality for use in the new asphalt concrete. This reduction of RAP content resulted in an increase to the amount of virgin mineral aggregate needed and a higher asphalt binder content than estimated.

- VI.** Project: NH 0083(86)0, Todd County, PCN 068G
 Location: US 83 from the Nebraska state line to Mission
 Contractor: Bituminous Paving Inc
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, and Rumble Strips

Original Contract Amount:	\$	6,950,879.72
Change on CCO No. 5:	\$	74,758.10
Net Change to Date:	\$	653,656.70

Explanation of Change on CCO No. 5: This increase is the result of the Department adjusting the contract quantities of flagging, pilot car, and temporary pavement marking. The additional hours for flagging and pilot car represent the quantity used during construction to accommodate traffic. The temporary pavement marking was increased to address a plan error.

- VII.** Project: NH-P 0031(29), Haakon County, PCN 042G
 Location: Various Locations in the Pierre Area
 Contractor: Steve Lehrkamp Enterprises, Inc
 Type of Work: Culvert Replacement and Repair

Original Contract Amount:	\$	798,803.72
Change on CCO No. 1:	\$	118,041.57
Net Change to Date:	\$	118,041.57

Explanation of Change on CCO No. 1: This increase is the result of extra work performed by the Contractor to excavate and replace additional base course and asphalt concrete pavement material. Due to heavy rains and saturated conditions, the existing base and surfacing deteriorated and settled.

- VIII.** Project: NH-P 0031(29), Haakon County, PCN 042G
 Location: Various Locations in the Pierre Area
 Contractor: Steve Lehrkamp Enterprises, Inc
 Type of Work: Culvert Replacement and Repair

Original Contract Amount:	\$	798,803.72
Change on CCO No. 2:	\$	52,791.07
Net Change to Date:	\$	170,832.64

Explanation of Change on CCO No. 2: This increase is the result of extra work performed by the Contractor to excavate and replace an additional 48-inch pipe culvert identified by the Department as in need of replacement.

- IX.** Project: NH-PH 0018(198)173, Bennett County, PCN 04XH
 Location: US 18 from east of Vetal to the Bennett/Todd County line
 Contractor: Schweigert Construction, Inc
 Type of Work: Grading and Interim Surfacing

Original Contract Amount:	\$	3,598,043.87
Change on CCO No. 3:	\$	67,238.40
Net Change to Date:	\$	112,747.88

Explanation of Change on CCO No. 3: This decrease is the result of the Department adjusting the contract quantities of water for granular material. Additional water was used to provide for proper compaction of the granular material.

RAPID CITY REGION

- X.** Project: NH 0212(192)87, Meade County, PCN 04WR
 Location: US212 from the Junction of Maurine Rd/Bixby Rd to the City Limits of Faith
 Contractor: Border States Paving, Inc
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Culvert Work, & Structure Repair

Original Contract Amount: \$ 10,055,799.27
 Change on CCO No. 3: \$ 186,540.95
 Net Change to Date: \$ 291,625.80

Explanation of Change on CCO No. 3: This increase is the result of the Department adjusting the contract quantities of base course, asphalt concrete, asphalt binder, and flagging. The additional base course and asphalt concrete was used to correct plan errors and variations in depth encountered during construction. The asphalt binder increase was the result of a small increase in the binder content in the asphalt concrete mix. The Department adjusted the hours of flagging to represent the hours used during construction to accommodate traffic.

- XI.** Project: NH-P 0042(53), Butte County, PCN 042F
 Location: Various Locations in the Belle Fourche Area
 Contractor: Mainline Holdings, Inc. DBA Mainline Contracting
 Type of Work: Culvert Repair, Culvert Replacement, and Reinforced Concrete Box Culvert

Original Contract Amount: \$ 1,486,411.77
 Change on CCO No. 2: \$ 126,514.00
 Net Change to Date: \$ 141,094.00

Explanation of Change on CCO No. 2: This increase is the result of the Department changing the planned repair of pipe culverts to full replacement with cured in place pipe at 4 locations on the project.

- 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 & Asphalt Concrete Surface Treatment

Original Contract Amount: \$ 2,128,637.35
 Change on CCO No. 3: \$ (53,611.50)
 Net Change to Date: \$ 224,959.37

Explanation of Change on CCO No. 3: This decrease is the result of the Department eliminating the requirement for a Contractor provided material checker at 2 locations of the project and adjusting the guardrail requirements at 2 crossroads.

XIII. Project: IM 0901(38)40, Meade County, PCN 5580
Location: I-90 EBL & WBL between Exits 40(Tilford) and 44 (Piedmont) & Reconstruct Exit 44 (piedmont) interchange
Contractor: Heavy Constructors, Inc
Type of Work: PCC Surfacing, Structures (7 RCBC Extensions & 6 Continuous Concrete Bridges), Lighting, Signing, and Pavement Marking

Original Contract Amount: \$ 28,751,784.00
Change on CCO No. 16: \$ (120,975.65)
Net Change to Date: \$ 836,166.79

Explanation of Change on CCO No.16: This decrease is the result of the Department adjusting the contract quantities of various erosion control items throughout the project.

Sincerely,

Ryan K. Johnson
Senior Specifications Engineer