



Department of Transportation

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 Director of Operations
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Subject: Construction Change Orders Report

Construction change orders approved in December contain an increase of approximately \$451,184.

Construction change orders approved in January contain an increase of approximately \$2,167.

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 in excess of \$50,000.

ABERDEEN REGION

- I. Project: P-PH 0014(177)421, Brookings County, PCN 546N
 Location: I-29, Exit 132 in Brookings
 Contractor: BX Civil & Construction, Inc.
 Type of Work: Grading, Structure, PCC Surfacing, Lighting & Signals

Original Contract Amount: \$ 16,353,880.86
 Change on CCO No. 12: \$ 399,512.75
 Net Change to Date: \$ 540,922.76

Explanation of Change on CCO No. 12: This increase is the result of the Department paying for extra work performed by the Contractor to remove excess dirt from the project. Approximately 14,000 cubic yards of excess dirt was removed and truck hauled away by the Contractor. Additionally, the Department made incentive payments for the timely completion of the 22nd Avenue intersection, interstate ramps, and interim completion of the project. All incentive payments were made in accordance with the contract.

- II.** Project: P 0045(57)182, Edmunds County, PCN 05E3
 Location: SD 45 from US 12 to the Edmunds/McPherson County Line
 Contractor: Asphalt Paving & Materials Co.
 Type of Work: Asphalt Concrete Resurfacing

Original Contract Amount: \$ \$2,069,092.89
 Change on CCO No. 1: \$ 50,004.03
 Net Change to Date: \$ 50,004.03

Explanation of Change on CCO No. 1: This increase is the result of an incentive payment for asphalt concrete smoothness. The Department made the incentive payment in accordance with the contract.

- III.** Project: NH 0212(162)380, Codington County, PCN 03RN
 Location: US 212 in Watertown
 Contractor: Knife River Midwest LLC
 Type of Work: PCC Overlay

Original Contract Amount: \$ 7,655,236.37
 Change on CCO No. 7: \$ 424,362.08
 Net Change to Date: \$ 543,162.59

Explanation of Change on CCO No. 7: 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 asphalt binder, asphalt concrete, and furnish concrete for PCC overlay. The Department considers these increases normal variations based on the type of work. In addition, the Department made an incentive payment for concrete smoothness in accordance with the contract.

- IV.** Project: NH 0212(171)389, Deuel County, PCN 03RP
 Location: US 212 in Watertown
 Contractor: Knife River Midwest LLC
 Type of Work: PCC Overlay

Original Contract Amount: \$ 5,263,074.54
 Change on CCO No. 2: \$ 306,602.91
 Net Change to Date: \$ 317,174.18

Explanation of Change on CCO No. 2: 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 base course, asphalt binder, asphalt concrete, and furnish concrete for PCC overlay. The Department considers these increases normal variations based on the type of work. In addition, the Department made payment for additional work for haul road restoration. The work involved additional asphalt concrete needed to restore the haul road. The Department also made incentive payments for timely completion and for concrete smoothness both in accordance with the contract.

- V. Project: NH-P 0013(36), Buffalo County, PCN 055F
 Location: Various Routes in the Huron Area
 Contractor: Bituminous Paving, Inc.
 Type of Work: Asphalt Concrete Surface Treatment

Original Contract Amount: \$ 2,472,399.07
 Change on CCO No. 1F: \$ (\$123,945.22)
 Net Change to Date: \$ (\$123,945.22)

Explanation of Change on CCO No. 1F: This decrease is the result of adjustments of contract quantities to match the quantities used during construction. Decreases to asphalt for surface treatment and cover aggregate resulted from the Department approved asphalt surface treatment mix design containing a spread rate less than estimated in the plans. Decreases to flagging and pilot car matched the quantity used as needed during construction.

MITCHELL REGION

- VI. Project: IM 0293(108)78, Minnehaha County, PCN 05NQ
 Location: I-29 from Sioux Falls to Crooks
 Contractor: Diamond Surface Inc.
 Type of Work: Pavement Restoration

Original Contract Amount: \$ 3,172,241.50
 Change on CCO No. 2: \$ 740,043.43
 Net Change to Date: \$ 1,172,321.92

Explanation of Change on CCO No. 2: This increase is the result of an overrun in the contract quantities of concrete repair, concrete reinforcement, and pavement marking. The adjustments were made to match the quantity constructed and are normal for a concrete repair project of this nature. When traffic was removed from the roadway, the Department identified additional areas in need of repair. In addition, the Department made an incentive payment for the timely completion of the work in accordance with the contract.

- VII. Project: P 0022(64), Lake County, PCN 060U
 Location: Various Routes in the Sioux Falls Area
 Contractor: Highway Improvement, Inc
 Type of Work: Asphalt Concrete Crack Sealing

Original Contract Amount: \$ 167,398.38
 Change on CCO No. 1F: \$ (70,786.02)
 Net Change to Date: \$ (70,786.02)

Explanation of Change on CCO No. 1F: This decrease is the result in an underrun in the contract quantity of asphalt concrete crack sealing. The Contractor used less crack

sealing material to seal the cracks than was estimated in the plans. This variation is common on asphalt concrete crack sealing projects.

- VIII.** Project: IM 0909(81)406, Minnehaha County, PCN 021X
 Location: I 90 - Structure over Split Rock Creek near Brandon
 Contractor: Duininck, Inc
 Type of Work: Replace Structure

Original Contract Amount:	\$	7,436,693.57
Change on CCO No. 2:	\$	127,529.04
Net Change to Date:	\$	132,119.55

Explanation of Change on CCO No. 2: This increase is the result of extra work performed by the Contractor to remove excess dirt for a bent footing. This work was omitted from the plans and necessary for construction. The Contractor also performed extra work for concrete milling to transition the new asphalt concrete into the existing concrete pavement at the beginning of the project.

- IX.** Project: PH 0020(140), Aurora County, PCN 04GV
 Location: Various Routes in the Mitchell Region
 Contractor: Dakota Traffic Services, LLC
 Type of Work: Corridor Signing

Original Contract Amount:	\$	846,510.50
Change on CCO No. 2:	\$	(68,886.40)
Net Change to Date:	\$	(43,186.40)

Explanation of Change on CCO No. 2: This decrease is the result of adjustments to the contract quantities of delineators, signs, sign posts, flagging, and traffic control. The variations are considered normal for this type of work.

- X.** Project: NH 0050(122)384, Yankton County, PCN 05HD
 Location: SD in Yankton
 Contractor: D & G Concrete Construction, Inc.
 Type of Work: Grading, PCC Surfacing, Roadway Lighting, Storm Sewer, Curb & Gutter, Sidewalk, Traffic Signals, & Structure Repair

Original Contract Amount:	\$	4,896,795.70
Change on CCO No. 7:	\$	53,814.96
Net Change to Date:	\$	83,147.68

Explanation of Change on CCO No. 7: This increase 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 increase is significant, no items stand out as significant variations. The variations are common for urban reconstruction work.

PIERRE REGION

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

RAPID CITY REGION

- XI.** Project: NH-P 0041(152), Meade County, PCN 055L
 Location: Various Routes in the Rapid City Area
 Contractor: Simon Contractors of SD dba Hills Materials Co.
 Type of Work: Asphalt Concrete Surface Treatment & Crack Sealing

Original Contract Amount: \$ 1,039,464.92
 Change on CCO No. 1: \$ (\$316,488.78)
 Net Change to Date: \$ (\$316,488.78)

Explanation of Change on CCO No. 1: This decrease is the result of adjusting the contract quantities to match the quantities used during construction. Decreases to asphalt for fog seal, asphalt for surface treatment, and cover aggregate resulted from the Department eliminating a route on the project. The Decrease to asphalt concrete crack sealing corrected a plan error in the estimate. The adjustment to flagging and pilot car matched the quantity used as needed during construction.

- XII.** Project: P 0040(237)68, Custer County, PCN 05KH
 Location: SD 40 north of the Cheyenne River near Red Shirt
 Contractor: Adams Civil Resources, LLC
 Type of Work: Landslide Repair

Original Contract Amount: \$ 688,262.55
 Change on CCO No. 2: \$ 149,939.95
 Net Change to Date: \$ 155,684.05

Explanation of Change on CCO No. 2: This increase was the result of a change to the contract unit price for unclassified excavation. Due to a change in conditions on the project compared to the plans shown methods and conditions, the Contractor was required to alter the method of excavation. This change resulted in an increase to the expenses incurred by the Contractor and additional payment was deemed reasonable. Additionally, the base course quantity necessary to meet the plans typical section was more than estimated in the plans resulting in an increase to the quantity of base course.

XIII. Project: P 0040(237)68, Custer County, PCN 05KH
 Location: SD 40 north of the Cheyenne River near Red Shirt
 Contractor: Adams Civil Resources, LLC
 Type of Work: Landslide Repair

Original Contract Amount:	\$	688,262.55
Change on CCO No. 3:	\$	71,584.68
Net Change to Date:	\$	227,268.73

Explanation of Change on CCO No. 3: This increase is the result of extra work performed by the Contractor to undercut and reinforce a section of the roadway. During construction, the Contractor and Department discovered an area in need of additional reinforcement to provide a solid subgrade. Additionally, a plan error omitted a portion of the erosion control items necessary to stabilize the area of the traffic diversion. This increase adjusted the contract quantities of the existing contract items.

XIV. Project: NH 0085(83)139, Harding County, PCN 03TU
 Location: US 85 south of the North Dakota State Line
 Contractor: J.V. Bailey Company, Inc.
 Type of Work: Structure Repair

Original Contract Amount:	\$	1,362,734.93
Change on CCO No. 4:	\$	(64,245.61)
Net Change to Date:	\$	(60,720.61)

Explanation of Change on CCO No. 4: This decrease is the result of adjusting the contract quantities to match the quantities used during construction. Decreases to concrete removal, concrete fill, pavement marking, and flagging were all the result of normal variations for the type of work involved.

XV. Project: NH-PH 0034(159)39, Meade County, PCN 036K
 Location: SD 34 from SD 79 east 8 miles
 Contractor: Zandstra Construction Inc.
 Type of Work: Shoulder Widening, Spot Grading, AC Surfacing & Replace Structure

Original Contract Amount:	\$	5,163,502.35
Change on CCO No. 3:	\$	76,975.85
Net Change to Date:	\$	169,676.52

Explanation of Change on CCO No. 3: This increase is the result of a plan error in the quantity of asphalt concrete and asphalt binder. The plans estimated spread rate for asphalt concrete was less than required for a portion of the roadway resulting in an overrun in the contract quantities.

XVI. Project: NH 0016(84)67, Pennington County, PCN 049F
Location: US 16 in Rapid City
Contractor: Complete Concrete, Inc.
Type of Work: Grading, PCC Surfacing, Storm Sewer, Curb &Gutter, Sidewalk,
Lighting, & Signals

Original Contract Amount: \$ 7,548,254.09
Change on CCO No. 5: \$ (163,845.52)
Net Change to Date: \$ (139,210.49)

Explanation of Change on CCO No. 5: This decrease is the result of an adjustment to the contract quantities of erosion control items, gravel cushion, and reinforced concrete pipe. During construction, the Department determined several erosion control items were not necessary. The concrete pipe items were adjusted as used for construction and are considered normal variations. The quantity of gravel cushion was estimated too high and more than necessary during construction.

Sincerely,

Ryan K. Johnson
Specification Engineer