



Department of Transportation

Division of Operations

700 E Broadway Avenue

Pierre, South Dakota 57501-2586

FAX: 605/773-2893

605/773-3571

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

Subject: Construction Change Orders Report

Construction change orders completed in January contain a decrease of approximately (\$474,365).

Over the past 12 months, the overall contract increase is 1.63%.

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

ABERDEEN REGION

- I. Project: ER 6191(28), Day County, PCN 07NA
Location: 15 miles North of Webster on 435th Ave between 125th and 126th St
Contractor: Webster Scale, Inc.
Type of Work: Grade Raise, Asphalt Concrete Surfacing & Slope Protection

Original Contract Amount:	\$	1,353,429.90
Change on CCO No. 2:	\$	254,260.58
Net Change to Date:	\$	254,532.58

Explanation of Change on CCO No. 2: This increase is the result of the Department adjusting the contract quantities of Contractor furnished borrow. Due to the depth of the water and steep in slopes in place, additional material was necessary to raise the grade to the design typical section.

- II. Project: NH-P 0011(80), Aberdeen Area, PCN 040T
Location: Various Locations in the Aberdeen Area
Contractor: DeBoer Construction, Inc.
Type of Work: Culvert Repair

Original Contract Amount: \$ 839,213.28
Change on CCO No. 2: \$ 249,838.50
Net Change to Date: \$ 251,278.50

Explanation of Change on CCO No. 2: This increase is the result of the Department compensating the Contractor for extra work performed. The in-place excavation material was too saturated for reuse. The Contractor furnished borrow material to replace the saturated muck excavation material. Additionally, 1 pipe location was planned for a slip line treatment. The in-place pipe was too deformed for slip lining process and was removed and replaced.

- III. Project: P 0013(54), Huron Area, PCN 06EK
Location: Various Locations throughout the Huron Area
Contractor: Subsurface, Inc.
Type of Work: Culvert Cleaning & Cured in Place Lining

Original Contract Amount: \$ 193,416.25
Change on CCO No. 1F: \$ 51,710.99
Net Change to Date: \$ 51,710.99

Explanation of Change on CCO No. 1F: This increase is the result of the Department compensating the Contractor for extra work performed to slip line an additional 42" pipe. During construction, significant deterioration was observed and in accordance with the plans, the Department determined to slip line the additional pipe culvert.

- IV. Project: NH 0281(118)217, Brown County, PCN 05E8
Location: US 281 from the North Jct. of SD 10 to the ND State Line
Contractor: Bituminous Paving, Inc.
Type of Work: Micro Milling Asphalt Concrete & Asphalt Concrete Resurfacing

Original Contract Amount: \$ 5,802,127.10
Change on CCO No. 1: \$ (147,290.38)
Net Change to Date: \$ (147,290.38)

Explanation of Change on CCO No. 1: This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. The Department adjusted the quantity of asphalt binder and asphalt concrete due to normal project variations and by using a lower target asphalt binder content than estimated in the plans.

- V. Project: NH-P 0011(142), Aberdeen Area, PCN 06YU
Location: Various Locations in the Aberdeen Area
Contractor: Bituminous Paving, Inc.
Type of Work: Asphalt Concrete Surface Treatment

Original Contract Amount: \$ 2,412,986.35
Change on CCO No. 1: \$ (112,015.55)
Net Change to Date: \$ (112,015.55)

Explanation of Change on CCO No. 1: This decrease is the result of the Department adjusting the contract quantities of cover aggregate and asphalt for surface treatment. The Department reviewed application rates selected by the Contractor were lower than estimated in the plans.

- VI. Project: P 0022(63)370, Deuel County, PCN 05U9
Location: SD 22 from SD 15 to the Minnesota State Line
Contractor: Duininck, Inc.
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, & Spot Grading

Original Contract Amount: \$ 4,664,200.70
Change on CCO No. 2: \$ (430,954.61)
Net Change to Date: \$ (430,954.61)

Explanation of Change on CCO No. 2: This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger decreases were made for asphalt binder, hydrated lime, asphalt for flush seal, sand for flush seal, flagging, and pilot car. The fluctuations are the result of normal project variations, the Department eliminating the flush seal, and by using a Department reviewed lower target asphalt binder content than estimated in the plans.

MITCHELL REGION

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

Original Contract Amount: \$ 13,969,297.96
Change on CCO No. 5F: \$ 86,995.64
Net Change to Date: \$ 97,865.05

Explanation of Change on CCO No. 5F: This increase is the result of the Department adjusting the contract quantity of excavation. Final field measurement of the excavation quantities resulted in an overrun from what was estimated in the plans.

- VIII.** Project: P 0011(88)81, County, PCN 04EX
Location: SD 11 from Brandon to the Minnesota State Line
Contractor: Central Specialties, Inc
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Intersection Improvements, Culvert Work & Structure Repair

Original Contract Amount: \$ 8,121,785.93
Change on CCO No. 2: \$ 75,958.68
Net Change to Date: \$ 98,876.08

Explanation of Change on CCO No. 2: This increase is the result of the Department compensating the Contractor for extra work performed to saw cut and remove the existing surfacing material. This work was omitted from the plans and necessary for construction.

- IX.** Project: P 0011(88)81, County, PCN 04EX
Location: SD 11 from Brandon to the Minnesota State Line
Contractor: Central Specialties, Inc
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Intersection Improvements, Culvert Work & Structure Repair

Original Contract Amount: \$ 8,121,785.93
Change on CCO No. 5: \$ 64,374.02
Net Change to Date: \$ 216,616.26

Explanation of Change on CCO No. 5: This increase is the result of the Department compensating the Contractor for additional flagging hours necessary to safely maintain traffic through construction.

- X.** Project: P-PH 0046(47)356, Clay County, PCN 025D
Location: SD 46 from West of SD 19/SD 19A to West of I-29
Contractor: Runge Enterprises, Inc
Type of Work: Grading, Shoulder Widening, Structures (197'-6" Cont Conc Bridge & 3 RCBCs), & Interim Surfacing

Original Contract Amount: \$ 14,012,206.89
Change on CCO No. 4: \$ 90,521.20
Net Change to Date: \$ 147,417.40

Explanation of Change on CCO No. 4: This increase is the result of the Department compensating the Contractor for extra work performed to excavate and stabilize the foundation of one of the box culverts. Saturated conditions and infiltration of ground water resulted in the need to drive sheet pile, place reinforcement fabric, and excavate to an increased depth prior to backfilling and stabilizing the foundation.

- XI.** Project: IM 0909(81)406, Minnehaha County, PCN 021X
Location: I-90 structure over Split Rock Creek 0.4 miles East of SD 11
Contractor: Duininck, Inc
Type of Work: Replace Structures, Approach Grading (Twin 378' Prestressed Girder Bridges)

Original Contract Amount: \$ 7,436,693.57
Change on CCO No. 4F: \$ (211,289.96)
Net Change to Date: \$ 417,400.37

Explanation of Change on CCO No. 4F: This decrease is the result of the Department assessing and disincentive on the contract for failure to complete the work on time. The disincentive was made in accordance with the contract time requirements included in the contract.

- XII.** Project: NH 0018(185)402, Hutchinson County, PCN 036W
Location: US 18 from US 81 to SD 19
Contractor: Spencer Quarries Incorporated
Type of Work: Asphalt Concrete Surfacing & Guardrail

Original Contract Amount: \$ 6,193,326.29
Change on CCO No. 4: \$ (329,476.63)
Net Change to Date: \$ (188,465.93)

Explanation of Change on CCO No. 4: This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger decreases were made for asphalt concrete, asphalt binder, hydrated lime, asphalt for prime, and blotting sand. The fluctuations are the result of normal project variations, the Department reducing the rate of prime coat, and by using a Department reviewed lower target asphalt binder content than estimated in the plans.

- XIII.** Project: NH-P 0042(65)344, McCook County, PCN 05F0
Location: SD 42 from West of SD 19 to the Tea/Ellis Road
Contractor: Knife River Corporation – North Central
Type of Work: Cold Milling Asphalt Concrete, Full Depth Reclamation, Asphalt Concrete Surfacing, & Intersection Improvements

Original Contract Amount: \$ 10,173,892.71
Change on CCO No. 1: \$ (135,085.38)
Net Change to Date: \$ (135,085.38)

Explanation of Change on CCO No. 1: This decrease is the result of the Department eliminating the requirement for use of hydrated lime in the asphalt concrete. The Department reviewed mix design did not require hydrated lime in the mix.

- XIV.** Project: NH-PH 0050(114)324, Charles Mix County, PCN 04HN
Location: SD 50 from US 18 to West of Wagner & SD 46/SD 50 Junction
Contractor: Loiseau Construction, Inc
Type of Work: Grading, Shoulder Widening, Structures (RCBC), Asphalt Concrete Surfacing, & Lighting

Original Contract Amount: \$ 16,132,696.32
Change on CCO No. 3: \$ (157,907.00)
Net Change to Date: \$ (146,730.63)

Explanation of Change on CCO No. 3: This decrease is the result of the Department adjusting the contract quantities of base course and salvaged base course. More salvage material was able to be salvaged during construction than estimated in the plans. The use of this additional salvage material resulted in a decrease in the use of virgin base course material.

- XV.** Project: P 0037(141)11, Bon Homme County, PCN 04EY
Location: SD 37 from North of Springfield to SD 50
Contractor: Spencer Quarries Incorporated
Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing

Original Contract Amount: \$ 2,996,357.42
Change on CCO No. 3: \$ (173,895.92)
Net Change to Date: \$ (158,586.12)

Explanation of Change on CCO No. 3: This decrease is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger decreases were made for asphalt concrete and asphalt binder. The fluctuations are the result of normal project variations and by using a Department reviewed lower target asphalt binder content than estimated in the plans.

- XVI.** Project: PH 0037(139)11, Bon Homme County, PCN 04HJ
Location: SD 37 from North of Springfield to SD 50
Contractor: Foothills Contracting, Inc
Type of Work: Shoulder Widening, Asphalt Concrete Surfacing, Box Culverts, and Culvert Extensions

Original Contract Amount: \$ 7,122,429.62
Change on CCO No. 7: \$ (98,322.74)
Net Change to Date: \$ (128,772.10)

Explanation of Change on CCO No. 7: This decrease is the result of the Department eliminating the requirement to use asphalt for prime during construction due to the Contractor's construction method.

PIERRE REGION

- XVII.** 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 & Rumble Strips

Original Contract Amount: \$ 6,950,879.72
Change on CCO No. 8: \$ 157,378.57
Net Change to Date: \$ 910,238.67

Explanation of Change on CCO No. 8: This increase is the result of the Department adjusting the contract quantity of asphalt binder. The Department review asphalt concrete mix design contained a target binder content higher than estimated in the plans.

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

Original Contract Amount: \$ 9,319,298.67
Change on CCO No. 18: \$ (409,390.21)
Net Change to Date: \$ 829,938.27

Explanation of Change on CCO No. 18: This decrease is the result of the Department adjusting the contract quantities of several items related to salvage material. During construction, less salvage material was able to be recovered from the project. This resulted in a decrease to salvage; blend, haul, and stockpile; and furnish granular material for blending. The resulting overall decrease in quantity was originally planned to be stockpiled for future use.

RAPID CITY REGION

- XIX.** Project: NH-P 0040(315), Rapid City Region, PCN 05YE
 Location: Various Routes in the Rapid City Region
 Contractor: Complete Concrete, Inc DBA Complete Contracting Solutions
 Type of Work: PCC Pavement Restoration & Asphalt Concrete Resurfacing of Crossovers

Original Contract Amount: \$ 1,963,091.62
 Change on CCO No. 2: \$ 685,430.91
 Net Change to Date: \$ 688,410.91

Explanation of Change on CCO No. 2: This increase is the result of the Department adjusting the contract quantities of base course, asphalt concrete, asphalt concrete crack sealing, PCC pavement repair, repair Type A spall, flagging, and pilot car. The increases are the result of normal project variations and common for the type of work.

- XX.** Project: P 0034(179)9, Butte County, PCN 05EW
 Location: SD 34 from US 85 to I-90
 Contractor: Anderson Western, Inc.
 Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, and Pipe Work

Original Contract Amount: \$ 4,052,668.72
 Change on CCO No. 5: \$ 72,148.92
 Net Change to Date: \$ 275,776.65

Explanation of Change on CCO No. 5: This increase is the result of the Department adjusting the contract quantity of asphalt binder. The Department reviewed asphalt concrete mix design contained a target binder content higher than estimated in the plans.

- XXI.** Project: NH 0016(90)37, Pennington County, PCN 068L
 Location: US 16 from SD 244 to South of the US 16B junction in Hill City and US 16 between Hill City and Three Forks
 Contractor: Western Construction, Inc
 Type of Work: Cold Milling Asphalt Concrete & Asphalt Concrete Resurfacing

Original Contract Amount: \$ 1,389,007.84
 Change on CCO No. 2: \$ (88,553.47)
 Net Change to Date: \$ (88,553.47)

Explanation of Change on CCO No. 2: This decrease is the result of the Department adjusting the contract quantities of asphalt concrete and saw and seal joint in asphalt concrete. The decrease in asphalt concrete quantity is the result of normal project variations. The decrease in the saw and seal joint in asphalt concrete is the result of an error in the plans.

XXII. 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 & RCBC (2-14x8 CIP or Precast)

Original Contract Amount: \$ 1,486,411.77
Change on CCO No. 7: \$ (64,499.79)
Net Change to Date: \$ 103,151.87

Explanation of Change on CCO No. 7: This decrease is the result of the Department adjusting numerous contract quantities to match the quantities used during construction. Most adjustments were due to normal project variations and are considered minor. The exception included asphalt concrete. The quantity estimated in the plans was an error.

Sincerely,

Ryan K. Johnson
Senior Specifications Engineer