



Department of Transportation

Division of Operations

700 E Broadway Avenue

Pierre, South Dakota 57501-2586

FAX: 605/773-2893

605/773-3571

July 16, 2019

Mr. Greg Fuller
Director of Operations
South Dakota Department of Transportation
Pierre, SD 57501

Subject: Construction Change Orders Report

Construction change orders approved in June contain an increase of approximately \$1,350,606.

Over the past 12 months, the overall contract increase is 3.52%.

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

ABERDEEN REGION

- I. Project: BRF 6307(09), Hamlin County, PCN 01KL
Location: Structure 1 mile south of Castlewood over Big Sioux River
Contractor: Industrial Builders, Inc.
Type of Work: Structure and Approach Grading

Original Contract Amount:	\$	1,523,969.41
Change on CCO No. 2:	\$	92,376.04
Net Change to Date:	\$	92,376.04

Explanation of Change on CCO No. 2: This increase is the result of the Department settling a claim submitted by the Contractor. The Contractor encountered an obstruction while excavating for bent #2. The claim payment is for extra work resulting from the obstruction in the work area.

- II. Project: IM-PH 0294(71)121, Brookings County, PCN 05FF
 Location: Various structures on I-29 northbound and southbound lanes
 Contractor: Louis-Company, LLC
 Type of Work: Bridge Deck Polymer Chip Seal and High Friction Surface Treatment

Original Contract Amount:	\$	505,463.28
Change on CCO No. 1:	\$	64,144.05
Net Change to Date:	\$	64,144.05

Explanation of Change on CCO No. 1: This increase is the result of the Department increasing the roadway area of high friction surface treatment at 2 of the locations on the project. The Department added 400 feet of length off the 2 structures as noted in the original project scope but not included in the plans.

- III. Project: P 0010(150), Aberdeen Region, PCN 05XR
 Location: Various Routes in the Aberdeen Region
 Contractor: J D Peterick, Inc. DBA Northwest Asphalt & Maintenance
 Type of Work: Asphalt Concrete Crack Leveling

Original Contract Amount:	\$	595,485.35
Change on CCO No. 3:	\$	190,145.21
Net Change to Date:	\$	211,341.07

Explanation of Change on CCO No. 3: This increase is the result of the Department adjusting the contract quantity of asphalt repair mastic. Additional repair work was completed than estimated in the plans. This variation is common for this type of work.

MITCHELL REGION

- IV. Project: IM 0909(75)402, Minnehaha County, PCN 00WN
 Location: Veteran's Parkway from I-90 to Rice Street
 Contractor: Riley Bros. Construction, Inc.
 Type of Work: Grading, Structures, and Surfacing

Original Contract Amount:	\$	54,665,168.60
Change on CCO No. 2:	\$	198,429.02
Net Change to Date:	\$	198,429.02

Explanation of Change on CCO No. 2: This increase is the result of numerous changes to the contract quantities. Some changes increased costs, some changes reduced costs. The largest variation leading to the increase on this CCO was a change from bore and jack 24" pipe and encasement to a larger 36" pipe and encasement due to large cobbles present upon the soil investigation completed during construction. The change to the larger pipe and larger wall thickness decreased the chance for excavation and damage to the pipe during the boring and jacking process and the associated delays.

- V. Project: NH 0100(103)417, Minnehaha County, PCN 00KB
 Location: SD 100 from Madison Street to Maple Street in Sioux Falls
 Contractor: T&R Contracting, Inc.
 Type of Work: Grading, Storm Sewer, Curb & Gutter, Structures, PCC Surfacing, Signals, and Lighting

Original Contract Amount: \$ 8,898,980.85
 Change on CCO No. 6: \$ (400,158.72)
 Net Change to Date: \$ (390,333.28)

Explanation of Change on CCO No. 6: This decrease is the result of the Department adjusting the contract quantities of PCC pavement and dowel bars. The field measured quantity of PCC pavement was significantly less than estimated in the plans due to a plan error in the length of the project. Additionally, the plans quantity of dowel bars was based on a 15' joint spacing. The actual joint spacing specified and constructed was 20' spacing resulting in a large decrease to the number of dowel bars needed.

PIERRE REGION

- VI. Project: P 0183(24)51, Lyman County, PCN 03U0
 Location: US 183 over the White River
 Contractor: Heavy Constructors, Inc.
 Type of Work: Structures, Approach Grading, & Outlet Repair

Original Contract Amount: \$ 6,200,484.00
 Change on CCO No. 5: \$ 81,028.38
 Net Change to Date: \$ 186,816.33

Explanation of Change on CCO No. 5: This increase is the result of the Department adjusting the contract quantities to match the quantities used during construction. Larger increases were made for flagging and Contractor furnished borrow both due to normal project variations.

- VII. Project: NH-P 0031(37), Hughes County, PCN 05NH
 Location: Various Routes in the Pierre Area
 Contractor: Diamond Surface Inc.
 Type of Work: Pavement Rehabilitation & Pavement Marking

Original Contract Amount: \$ 802,273.47
 Change on CCO No. 4 \$ 159,276.45
 Net Change to Date: \$ 595,734.51

Explanation of Change on CCO No. 4: This increase is the result of the Department adjusting the contract quantities of various aspects of concrete repair. The additional repair work was determined necessary during construction. While traffic was controlled, a more thorough investigation of the repair areas was completed resulting in additional repair locations and types. This variation is common for this type of work.

- VIII.** Project: P 0020(145)240, Walworth County, PCN 03T1
Location: SD 20 from US 83 to Hoven
Contractor: Border States Paving, Inc.
Type of Work: Cold Milling Asphalt Concrete, Asphalt Concrete Resurfacing, Pipe Work

Original Contract Amount: \$ 3,026,293.96
Change on CCO No. 4: \$ 85,274.60
Net Change to Date: \$ 113,556.01

Explanation of Change on CCO No. 4: This increase is the result of a change in borrow source. The plans called for embankment from the existing ditch section. With the saturated conditions of the in place material and the amount of time required to dry the material to a usable condition, the Department substituted the material with Contractor furnished borrow from another location.

RAPID CITY REGION

- IX.** Project: P 0071(03)06, Fall River County, PCN 04FV
Location: SD 71.5 mile south of SD 471
Contractor: Bituminous Paving, Inc.
Type of Work: AC Resurfacing, Structures, and Approach Grading

Original Contract Amount: \$ 3,465,739.75
Change on CCO No. 2: \$ 427,033.52
Net Change to Date: \$ 427,033.52

Explanation of Change on CCO No. 2: This increase is the result of the Department updating the contract quantities of asphalt for tack, asphalt binder, and asphalt concrete. Additional materials were used to construct the section to the planned typical section. Additionally, a plan error omitted some of the required quantities from the contract.

Sincerely,

Ryan K. Johnson
Specification Engineer