

## CHANGE ORDER NO.: 1

Owner: **City of Deadwood** Owner's Project No.:  
Engineer: **Towey Design Group, Inc.** Engineer's Project No.: **24-010**  
Contractor:  
Project: **Highway 85 Drinking Water Extension Project**  
Contract Name: **Highway 85 Drinking Water Extension Project**  
Date Issued: **October 20, 2025**

The Contract is modified as follows upon execution of this Change Order:

Description:

**See Attached.**

Attachments:

**All contractor change order requests. 1,2,4,5,6,7, and 8. Updated quantities from Change Orders 1 and 2.**

Change in Contract Price	Change in Contract Times
Original Contract Price: \$ <u>1,684,993.00</u>	Original Contract Times: Substantial Completion: <u>November 14, 2025</u> Ready for final payment: <u>November 28, 2025</u>
<b>Increase</b> from previously approved Change Orders No. 1 to No. <b>1</b> \$ <u>0</u>	<b>Increase</b> from previously approved Change Orders No.1 to No. <b>1</b> Substantial Completion: <u>0</u> Ready for final payment: <u>0</u>
Contract Price prior to this Change Order: \$ <u>1,684,933.00</u>	Contract Times prior to this Change Order: Substantial Completion: <u>November 14, 2025</u> Ready for final payment: <u>November 28, 2025</u>
<b>Increase</b> this Change Order: \$ <u>136,045.57</u>	<b>Increase</b> this Change Order: Substantial Completion: <u>213 Days</u> Ready for final payment: <u>235 Days</u>
Contract Price incorporating this Change Order: \$ <u>1,820,978.57</u>	Contract Times with all approved Change Orders: Substantial Completion: <u>June 15, 2026</u> Ready for final payment: <u>July 21, 2026</u>

Recommended by Engineer (if required)

By:

B M Kurne

Accepted by Contractor

Title:

Professional Engineer

Date:

2025.10.20

Authorized by Owner

Approved by Funding Agency (if applicable)

By:

Title:

Date:



**Date:** October 20, 2025

**Client:** City of Deadwood  
108 Sherman Street  
Deadwood, SD 57732

**Engineer:** Brandon Kruse, PE  
Towey Design Group

**RE:** Change Order #1

---

Lornie and the City of Deadwood,

This letter is to accompany Change Order #1 for the Highway 85 Watermain Extension Project. The proposed change order includes the additional payment and time extension for:

1. Connecting to the north most fire hydrant on the project. Discrepancies between the as-builts, locates and existing conditions resulted in additional sidewalk removal, brick removal, additional fittings and piping.
2. An unknown shallow storm sewer pipe was located in the excavation for the road. This pipe had to be removed for work to continue.
3. Pipe encasement/ cera-lock water main installation. Due to the location of the existing sanitary sewer and the water main. Encasement pipe and certa-lock pipe were proposed for the crossing near the intersection of Sampson and Railroad Ave.
4. Solid rock excavation was encountered at various locations between stations 2+50 and 11+50.
5. Insulation material was provided for the shallow sewer main crossings. Instead of a watermain lowering under the existing 24-inch concrete sanitary sewer, a lower bury depth of water main with insulation over the existing sanitary sewer was accepted.
6. Extra fittings and digging were required for the work near the intersection of Sampson and Railroad Ave. Due to multiple plans and routes proposed to the contractor to help with the constructability of the project. Near the bottom of the project unsuitable material was found, a portion of the water main trench needed type 1 foundation material.
7. Locating the existing 10-inch ductile iron main near the Sampson PRV. The contractor performed exploratory excavation at direction from the city to try and locate it. This took several hours of time on the contractor.
8. The 10-inch connection was found it needed an additional gate valve to function as intended. The additional pipe and gate valve were necessary for this addition.

Due to multiple delays, including but not limiting to;

Easement locations

Additional connect to existing work near the start of the project.

Alignment issues along Sampson Street

Weather



It was decided to change the completion dates of the project to:

Paving Repairs to be completed by May 30, 2026.

Substantial completion shall be June 15, 2026.

Final Completion in all work shall be July 1, 2026.

No "Liquidated Damages" will be charged under the old schedule.

Please give me a call if you have any additional questions.

A handwritten signature in blue ink that reads "BM Kruse". The "B" and "M" are somewhat stylized, and there is a checkmark-like flourish at the end of the "e".

Brandon Kruse

brandon@toweydesigngroup.com

605.600.1759

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change Order Request**

**Owner:**

City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**

Highway 85 Drinking water Extension Project

**Proposal Request No: 1**

**Change Order Request No: 1**

In response to Request for Proposal No. 1, dated July 7, 2025. We have completed the additional work, except for replacing the salvaged brick. We were able to connect to and extend the 12" main without removal of street or curb and gutter. Below you will find an itemized breakdown of additional items and associated costs.

OWNER	City of Deadwood					
Project	Highway 85 Water Expansion					
RFP#	1					
Date of RFP	7/7/2025					
Contractor	Under ground construction, llc					
Line item	Description of work	ESTM QTY	ACTUAL QTY	Unit	Unit cost	Extd cost
Removals						
200	Remove Concrete Sidewalk	305	811	SF	\$2.00	\$1,622.00
201	Remove Concrete Pavement	32	0	SY	\$0.00	\$0.00
202	Remove Concrete Curb and Gutter	89	0	LF	\$0.00	\$0.00
203	Remove and Salvage Brick	25	190	SF	\$8.00	\$1,520.00
204	Remove 6" Main	48	48	LF	\$22.00	\$1,056.00
Removal Total						\$4,198.00
Water						
400	12" PVC Water Main	62	48	LF	\$136.00	\$6,528.00
401	12" HD Coupling	1	1	EA	\$2,050.00	\$2,050.00
402	12" 22.50 degree Bend	0	1	EA	\$2,400.00	\$2,400.00
403	12" 45 degree Bend	1	0	EA	\$0.00	\$0.00
Water Total						\$10,978.00
Street						
700	Aggregate Base Course 8"	126.6	0	TON	\$0.00	\$0.00
701	Concrete Fillets and Drain Pan, 6" Reinforce	31	0	SY	\$0.00	\$0.00
702	Curb and Gutter Type B66	21	0	LF	\$0.00	\$0.00
703	Concrete Sidewalk	305	811	SF	\$37.00	\$30,007.00
704	Brick Sidewalk	25	190	SF	\$78.25	\$14,867.50
705	TFCextra Mobilization	1	1	EA	\$2,025.00	\$2,025.00
Street Total						\$46,899.50
Change Order Total						\$62,075.50

Prices and quantities were adjusted to meet bid item  
prices and actual work completed by the contractor.

Item 203 and 704 Highlighted in yellow are quantities to date and total quantities may increase if additional brick removal and replacement are needed to tie in and restore the brick sidewalk to original condition.

In addition, we are asking for the following schedule considerations:

10 additional days in the schedule because of the extra time required to complete this work.

Three weeks for easement delays. We mobilized and worked for a couple of days and then had to stop for 3 weeks while the city finalized easements then returned to continue work. We are not asking for any additional mobilization, only an extension in the schedule.

Please review and respond to this request promptly. We would like to include this work in our next pay request so that we may pay our subcontractors.

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
dave@undergroundconstllc.com

Approved By Owner

\_\_\_\_\_ Date \_\_\_\_\_

Approved By Engineer

\_\_\_\_\_ Date \_\_\_\_\_

Approved By Underground Construction

\_\_\_\_\_ Date \_\_\_\_\_

**Owner:** City of Deadwood  
**Project:** HWY 85 Drinking Water Extension CO 2  
**Date:** Wednesday, September 24, 2025  
**Contractor:** Underground Construction

Line Item	Description of Item	Qty.	Unit	Unit Cost	Extd. Cost
<b>Removals</b>					
200	Remove Concrete Sidewalk	811.0	SF	\$ 2.00	\$ 1,622.00
201	Remove Concrete Pavement	-	SY	\$ -	\$ -
202	Remove Concrete Curb and Gutter	-	LF	\$ -	\$ -
203	Remove and Salvage Brick	190.0	SF	\$ 8.00	\$ 1,520.00
204	Remove 6" Water Main	48.0	LF	\$ 22.00	\$ 1,056.00
Total					
\$ 4,198.00					
<b>Water</b>					
400	12" PVC Water Main C-900, DR-18	48.0	LF	\$ 136.00	\$ 6,528.00
401	12" High Deflection Coupling	1.0	EA	\$ 2,050.00	\$ 2,050.00
402	12" 22.5° Bend	1.0	EA	\$ 2,400.00	\$ 2,400.00
Total					
\$ 10,978.00					
<b>Street</b>					
700	Aggregate Base Course, 8"	-	TON	\$ -	\$ -
701	Concrete Fillets and Drain Pan, 6" Reinforced	-	SY	\$ -	\$ -
702	Curb and Gutter, Type B66	-	LF	\$ -	\$ -
703	Concrete Sidewalk	811.0	SF	\$ 37.00	\$ 30,007.00
704	Brick Sidewalk	190.0	SF	\$ -	\$ -
705	TFC Moblization	1.0	EA	\$ 2,025.00	\$ 2,025.00
Total					
\$ 32,032.00					
<b>Total</b> \$ 47,208.00					

Prices and quantities were adjusted to meet bid item prices and actual work completed by the contractor.



**Date:** September 24, 2025

**Client:** City of Deadwood  
108 Sherman Street  
Deadwood, SD 57732

**Engineer:** Brandon Kruse, PE  
Towey Design Group

**RE:** Change Order #2 - Recommendation

---

Lornie and the City of Deadwood,

This letter is to accompany Change Order #2 for the Highway 85 Watermain Extension Project. The proposed change order removes the brick installation pricing as that price was high. The contractor has increased the unit prices on;

- Item 400: 12" PVC Watermain C-900, DR-18
- Item 402: 12" 22.5° Bend
- Item 703: Concrete Sidewalk

We believe that the additional work should be completed at the original bid pricing, for work that has previously been bid on. Using the original pricing, the change order totals \$41,115.00. This updated number replaces the increased priced items back to the original bid pricing, while leaving all the quantities the same from the original change order. We've attached an updated cost estimate with the original pricing from the bidding process.

Please give me a call if you have any additional questions.

 09/24/2025

Brandon Kruse  
brandon@toweydesigngroup.com  
605.600.1759

**Owner:** City of Deadwood  
**Project:** HWY 85 Drinking Water Extension CO 2  
**Date:** Wednesday, September 24, 2025  
**Contractor:** Underground Construction

Line Item	Description of Item	Qty.	Unit	Unit Cost	Extd. Cost
<b>Removals</b>					
200	Remove Concrete Sidewalk	811.0	SF	\$ 2.00	\$ 1,622.00
201	Remove Concrete Pavement	-	SY	\$ -	\$ -
202	Remove Concrete Curb and Gutter	-	LF	\$ -	\$ -
203	Remove and Salvage Brick	190.0	SF	\$ 8.00	\$ 1,520.00
204	Remove 6" Water Main	48.0	LF	\$ 22.00	\$ 1,056.00
Total					
\$ 4,198.00					
<b>Water</b>					
400	12" PVC Water Main C-900, DR-18	48.0	LF	\$ 100.00	\$ 4,800.00
401	12" High Deflection Coupling	1.0	EA	\$ 2,050.00	\$ 2,050.00
402	12" 22.5° Bend	1.0	EA	\$ 2,090.00	\$ 2,090.00
Total					
\$ 8,940.00					
<b>Street</b>					
700	Aggregate Base Course, 8"	-	TON	\$ -	\$ -
701	Concrete Fillets and Drain Pan, 6" Reinforced	-	SY	\$ -	\$ -
702	Curb and Gutter, Type B66	-	LF	\$ -	\$ -
703	Concrete Sidewalk	811.0	SF	\$ 32.00	\$ 25,952.00
704	Brick Sidewalk	190.0	SF	\$ -	\$ -
705	TFC Moblization	1.0	EA	\$ 2,025.00	\$ 2,025.00
Total					
\$ 27,977.00					
<b>Total</b> <b>\$ 41,115.00</b>					

**Owner:** City of Deadwood  
**Project:** HWY 85 Drinking Water Extension CO 1  
**Date:** Monday, October 20, 2025  
**Contractor:** Underground Construction

Line Item	Description of Item	Qty.	Unit	Unit Cost	Extd. Cost
<b>Removals</b>					
200	Remove Concrete Sidewalk	811.0	SF	\$ 2.00	\$ 1,622.00
201	Remove Concrete Pavement	-	SY	\$ -	\$ -
202	Remove Concrete Curb and Gutter	-	LF	\$ -	\$ -
203	Remove and Salvage Brick	190.0	SF	\$ 8.00	\$ 1,520.00
204	Remove 6" Water Main	48.0	LF	\$ 22.00	\$ 1,056.00
Total					
\$ 4,198.00					
<b>Water</b>					
400	12" PVC Water Main C-900, DR-18	48.0	LF	\$ 100.00	\$ 4,800.00
401	12" High Deflection Coupling	1.0	EA	\$ 2,050.00	\$ 2,050.00
402	12" 22.5° Bend	1.0	EA	\$ 2,090.00	\$ 2,090.00
Total					
\$ 8,940.00					
<b>Street</b>					
700	Aggregate Base Course, 8"	-	TON	\$ -	\$ -
701	Concrete Fillets and Drain Pan, 6" Reinforced	-	SY	\$ -	\$ -
702	Curb and Gutter, Type B66	-	LF	\$ -	\$ -
703	Concrete Sidewalk	811.0	SF	\$ 32.00	\$ 25,952.00
704	Brick Sidewalk	190.0	SF	\$ -	\$ -
705	TFC Moblization	1.0	EA	\$ 2,025.00	\$ 2,025.00
Total					
\$ 27,977.00					
<b>Total</b> <b>\$ 41,115.00</b>					

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No: 2**

**Change Order request No: 2**

In response to RFP # 2 dated 9/17/25 the price for removal of this existing storm sewer will remain the same as in the original contract \$25 per lineal foot. We just ask for an adjustment to the quantities to match the additional storm sewer pipe to be removed.

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
dave@undergroundconstllc.com

Approved By Owner

\_\_\_\_\_ Date \_\_\_\_\_

Approved By Engineer

\_\_\_\_\_ Date \_\_\_\_\_

Approved By Underground Construction

\_\_\_\_\_ Date \_\_\_\_\_

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 3**

After meeting with Bob and the City of Deadwood on 9-23-25 it was decided that we should use a larger pipe to sleeve the new water line where it will be too close to the existing sewer on Sampson. This will occur between station 41+00 and 42+00. Exact location and measurements to be determined in the field.

The estimated quantity of encasement is 70 lineal feet. Our price for this encasement is in addition to the bid price for Item # 403, 12" PVC main. It includes the additional cost of **Certa lock** pipe, 18" HP DW dual wall storm pipe as a sleeve, and labor to install the sleeve. This is the cheapest, in stock, pipe available to sleeve the water main. Other options would be far more costly and require materials to be ordered.

Our price for this encasement is \$135/ LF. AT 80 LF the estimated additional cost is \$10,800.

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
dave@undergroundconstllc.com

Approved By Owner

\_\_\_\_\_Date\_\_\_\_\_

Approved By Engineer

\_\_\_\_\_Date\_\_\_\_\_

Approved By Underground Construction

\_\_\_\_\_Date\_\_\_\_\_

**Owner:** City of Deadwood  
**Project:** Highway 85 Drinking Water Extension CO 1  
**Date:** Monday, October 20, 2025  
**Contractor:** Underground Construction

Line Item	Description of Item	Qty.	Unit	Unit Cost	Extd. Cost
<b>Removals</b>					
200	Remove Storm Sewer	49.0	LF	\$ 25.00	\$ 1,225.00
<b>Water</b>					
400	Pipe Encasement and Certa-lock replacement	71.0	LF	\$ 135.00	\$ 9,585.00
					<b>Total</b> \$ 10,810.00

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 4**

**Rock Excavation**

During work on the project, we encountered solid rock which required additional time and expenses to excavate. This was an unforeseen condition. We had a total of 137 cubic yards of Rock excavation

Price per cubic Yard of Rock Excavation is \$250.00

Total price for this item is \$34,250

Note if further rock excavation is encountered it will be at a different price determined by the conditions and the location or locations of said excavation.

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 5**

**Water Main Insulation**

Due to conflicts with the sewer main a portion of the new 12" water main required insulation.

The price for the insulation is \$18.00 per square foot.

We have had a total of 128 square feet of insulation installed thus far. For a total of \$2,304.00

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
[dave@undergroundconstllc.com](mailto:dave@undergroundconstllc.com)

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**

City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**

Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 6**

**Extra Fittings and Extra Digging**

Near the intersection of Sampson and Railroad Ave we notified the Engineer and the City of a conflict with an existing water line, the proposed storm sewer and existing sewer line. The city located part of the existing water line; however they were unable to locate the line on the north end of Sampson, and we were instructed to do exploratory digging and locate the exact location of the line.

We were instructed to proceed with the planned route and encase the pipe where it came too close to the sewer lines. At that time, we received a change order to use Certa Lock pipe and sleeve the new water line (Change Order 1). When we excavated the trench, it became clear that the proposed route was not going to work. We met with the city and engineer for a second time to determine the best route for the pipe. It was determined that we would need to use a 12" 90-degree bend and two additional 12" 45-degree bends to get around the obstructions.

EXTRA DIGGING AND BACK FILL				
ITEM	RATE	UNIT	QUANTITY	TOTAL
138 EX	\$275.00	HR	18	\$4,950.00
LABOR 4 GUYS	\$90.00	HR	108	\$9,720.00
240 EX	\$375.00	HR	4.5	\$1,687.50
T770 SKID	\$145.00	HR	5.5	\$797.50
PICK UP W TOOLS	\$400.00	EA	2	\$800.00
	SUB TOTAL			\$17,955.00
	OFFICE BOND & INSURANCE			\$1,256.39
	TOTAL			\$19,211.39

Extra Fittings:

EXTRA FITTINGS				
ITEM	UNIT COST	UNIT	QUANTITY	TOTAL
12' 45 DEGREE BEND	\$2,200.00	EACH	2	\$4,400.00
12" 90 DEGREE BEND	\$2,718.00	EACH	1	\$2,718.00
		TOTAL		\$7,118.00

**UNSTABLE FOUNDATION MATERIAL**

When we reached station 44+16 coming down the hill, we encountered unsuitable/unstable foundation. We notified the City and made them aware of our plans to over excavate the unsuitable material and replace it with type 1 foundation materials approximately 18" deep.

Cost to remove unstable material and replace with Type 1 foundation material is \$44.50 per Lineal Foot. There was 209 feet of trench for a total of \$9,300.50

**Totals**

Digging and Back fill:	\$19,211.39
Additional Fittings:	\$ 7,118.00
Unstable Foundation:	\$ 9,300.50
Total:	\$ 35,629.89

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
dave@undergroundconstllc.com



**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 7**

**Exploratory Excavation for Water Service**

While installing water main we had to slow down and excessively search for the water service. We had no idea where it was but searched roughly 100 LF area. Steven had Marked roughly where it went through the box culvert, so we started looking about 50 ft before and after the marks we searched the whole length going down 1 foot at a time until we got to proposed main grade. When we still could not find it. We spoke with Bob and discussed leaving it for the State to deal with it. When we spoke with the city about it, they wanted us to exploratory dig for it. We started going deeper and to the side looking for it. In the Meantime, steven found an old plan showing an existing curb stop, once he found the curb stop, he was able to locate the water service, once he located water service we found the line quickly, however we had already searched for several hours.

EXPLORATORY EXCAVATION FOR WATER SERVICE				
ITEM	RAT	UNIT	QUANITY	TOTAL
240 EX	\$375.00	HR	7.5	\$2,812.50
L70 LOADER	\$200.00	HR	2	\$400.00
T770 SLID STEER	\$145.00	HR	2	\$290.00
PICK UP WITH TOOLS	\$400.00	DAY	0.5	\$200.00
	SUB TOTAL			\$3,702.50
	OFFICE BOND & INSURANCE			\$259.18
	TOTAL			\$3,961.68

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
[dave@undergroundconstllc.com](mailto:dave@undergroundconstllc.com)

**Underground Construction, LLC**  
22418 Dyess Ave  
Rapid City SD 57701  
(P) 605.842.6239

**Change order Request**

**Owner:**  
City of Deadwood  
108 Sherman St  
Deadwood SD 57732

**Project:**  
Highway 85 Drinking water Extension Project

**Proposal request No:**

**Change Order request No: 8**

**10" gate valve on Ductile Iron Main**

As we were preparing to connect to the existing 10" ductile iron main the city asks if we could install a shut off on the main. We gave them a price, and it was approved via email how ever we never got a formal Change Order. In addition, the connection to the existing main required an additional 5 ft of 10" ductile Iron pipe.

5 ft of Ductile Iron pipe at \$400 a LF = \$2,000.00

1EA 10" gate vale w ductile iron fittings = \$5,975.00

Total Change Order \$7,975.00

If you have any questions, please contact me at 605.430.2576 or Corey at 605.842.6239

David Marling  
Project Manager  
Underground Construction, LLC  
605.430.2576  
dave@undergroundconstllc.com

