

**GARRISON DIVERSION CONSERVANCY DISTRICT**

**RED RIVER VALLEY COMMITTEE**

**Garrison Diversion Conservancy District  
Carrington, North Dakota**

**April 18, 2024**

A meeting of Garrison Diversion's Red River Valley (RRV) Committee was held on April 18, 2024, at the Garrison Diversion Conservancy District, Carrington, North Dakota. The meeting was called to order by Chair Ken Vein at 10:30 a.m.

**MEMBERS PRESENT**

Board Chairman Alan Walter  
Committee Chairman Ken Vein  
Director Jay Anderson  
Director Greg Bischoff  
Director Jeff LeDoux  
Director Jason Siegert  
Secretary Duane DeKrey

Garrison Diversion staff members and others were also present. A copy of the registration sheet is attached to the minutes as Annex I.

The meeting was recorded to assist with compilation of the minutes.

**CONSIDERATION OF MINUTES**

**Motion by Director Bischoff to dispense with a reading of the December 12, 2023, Red River Valley Committee minutes and approve them as distributed. Second by Director Siegert. Upon voice vote, motion carried.**

**RED RIVER VALLEY WATER SUPPLY PROJECT (RRVWSP)**

**Work Plan and Construction Update** - - Kip Kovar, District Engineer, Garrison Diversion, provided updates on the following RRVWSP construction contracts.

**Contract 5B**

Garney Construction has a pipeline installation crew and a cleanup crew at the construction site with restoration work being performed at this time. A second crew is scheduled to arrive in June.

Contract 5C

Oscar Renda has arrived but is not performing any construction work at this time. They are surveying the haul roads and preparing for work to begin the end of May. They will hold a soil training class next week.

Contract 5D

Carstensen Contracting delivered aggregate through the winter. They currently have a mile of right-of-way topsoil stripped.

Contract 6

Plan profile sheets are complete.

Contract 7

Plan profile sheets have been reviewed.

**Change Order No. 1**Contract 5D – RRVWSP Transmission Pipeline East, Task Order 5534

Mr. Kovar referred to Change Order No. 1 stating, originally, an avoidance strategy was to be used when crossing a jurisdictional wetland by either going around or tunneling underneath the wetland. A couple months ago Vogel Law Firm, Black & Veatch and Ulteig Engineering looked into using a non-notify strategy, meaning if you meet a certain number of criteria during construction, the Corps of Engineers will allow for an open cut.

Mr. Kovar said LAWA and Garrison Diversion agreed with this change under Contract 5, removing the trenchless crossing, doing an open cut and using the non-notify strategy. This has now been worked through the system, which resulted in a change order reducing the contract price by \$2.3 million.

Copies of the change order and Black & Veatch's letter of recommendation are attached to these minutes as Annex II.

Chairman Vein asked if there are risks or any other implications doing a non-notify strategy.

Mr. Kovar referred to Black & Veatch's letter and reviewed the non-notify construction methods/stipulations the contractor must follow. The change order is based on the requirements that must be met.

Chairman Vein asked if there could be any type of penalty for making this change.

Mr. Kovar said the \$2.3 million does account for all non-notify requirements. If there is a violation, someone would have to report it to the Corps of Engineers. The Corps would then have to come out and verify a violation has occurred, and corrections would need to be made.

Tami Norgard, Vogel Law Firm, said Garrison Diversion and LAWA wanted to avoid any issues as litigation was expected in the beginning. There is a lot of litigation over this concept

when a considerable number of wetlands are being affected. Sometimes project opponents will argue you must consider them collectively and cumulatively, along with the impact it will have. A lot of litigation on this has been resolved favorably to project owners. There is not much risk to the project as a whole by using the non-notify strategy, and we are trying to use it sparsely. We are being careful and following all of the criteria.

Mr. Kovar said this is the first time using the non-notify strategy, and now there is a true value with that decision.

Director Walter asked who is responsible for assuring the construction methods/stipulations are met.

Mr. Kovar replied Garrison Diversion, Black & Veatch and the field representative will follow up on these very important items.

**Motion by Director Siegert to recommend approval of Change Order No. 1, Task Order 5534, Contract 5D, RRVWSP Transmission Pipeline East with Carstensen Contracting, Inc. for trenchless crossing removal in the amount of (\$2,301,780) to the full board. Second by Director Walter. Upon roll call vote, the following directors voted aye: Anderson, Bischoff, LeDoux, Siegert, Vein and Walter. Those voting nay: none. Motion carried.**

#### Contract 6 – Wetland Crossings

Mr. Kovar stated Contract 6 will be the next RRVWSP pipeline contract to go out for bids. Garrison Diversion's avoidance strategy for Contract 6 will result in up to 16 tunnels for jurisdictional wetlands. Using a non-notify strategy could reduce the number of wetland crossings from 16 to 3.

Mr. Kovar said it is believed three of the tunnels need to remain because they are more complicated with larger volumes of water flowing through them in the spring. Thirteen could be open trench with a potential savings, based on Contract 5, of \$25 million.

Mr. Kovar said he would recommend doing the same with Contract 4 and Contract 7 once they are closer to bid.

Mr. Kovar referred to the handout distributed to the committee members regarding avoidance strategy for wetland crossings, the rationale for using non-notify provisions and a summary of the 16 wetland crossings, along with the estimated cost impacts, a copy which is attached to these minutes as Annex III.

Chairman Vein asked if the staff's recommendation is to change policy from using the avoidance strategy to non-notify strategy on jurisdictional wetland crossings.

Mr. Kovar said correct; however, he suggested waiting until the end of summer to see how the non-notify strategy works out with Change Order No. 1 on Contract 5D.

The committee agreed to use the non-notify strategy for the 13 wetland crossings and design them as open trench in Contract 6 plans and specifications.

The information regarding the non-notify provisions will be presented to the LAWA Technical Advisory Committee at its next meeting.

**2023-2025 Biennium Work Plan/Budget** - - Mr. Kovar referred to the updated 2023-2025 Biennium Work Plan totaling \$244 million dated March 14, 2024, which includes the new task orders. This will be tracked at each meeting. The only item appearing on the work plan that is not approved is the bidding for Contract 6A. This contract will not be bid until it is determined which small users intend to participate in the RRVWSP. A copy of the 2023-2025 Draft Work Plan is attached to these minutes as Annex IV.

Mr. Kovar said another item to be discussed with LAWA is whether to bid Contract 6A this summer. The idea was to shrink or expand the contract depending upon the amount of money remaining in the budget.

Director Dave Anderson asked what is significant about Contract 6A.

Mr. Kovar stated at this time Fargo, Grand Forks and Garrison Diversion have been paying the local cost share for the RRVWSP. It needs to be determined which users are going to participate in the RRVWSP so they can start paying their share of the project.

Shawn Gaddie, Advanced Engineering and Environmental Services, said the other important thing to consider in proceeding with Contract 6A is the small users will need to sign on to the next Series D Interim Financing Agreement.

Chairman Vein asked if this affects the Project Participation Agreement (PPA).

Ms. Norgard said she does not believe it influences the timeline. The idea is once the Memorandum of Commitment (MOC) is signed, this indicates how many cfs the user wants, which finalizes the exhibits to the PPA outlining who is paying what and how past costs are being reshuffled. The MOC is needed to finalize the PPA, and the goal was to obtain the MOC by July 1 so the final PPA could be ready for signature by December.

**Program Schedule** - - Mr. Kovar referred to the RRVWSP Program Schedule dated April 12, 2024, which shows the timeline of the ongoing RRVWSP construction projects. Updates are highlighted.

**Risk Register** - - Chairman Vein referred to the RRVWSP Risk Register included in the meeting packet, stating this table follows the standard format as the risks of the project are identified. The table summarizes the risk type, risk details and steps to mitigate the risk. The intent is to identify the possible risks of the project in order to be aware of them and put in some type of path forward to minimize and prepare for such risks. The probability of each risk is also rated.

Chairman Vein said depending on how the project goes, there could be a full-time person who just manages risks. One misstep could come back to haunt Garrison Diversion/LAWA. He would like to see this as a regular agenda item for the RRV Committee to verify where the project stands with its risks.

Mr. Kovar commented the risk register is frequently updated internally with Garrison Diversion staff.

**Pipe Manufacturer Tour** - - Mr. Kovar informed the committee Duane DeKrey, General Manager, Garrison Diversion, has been working with the pipe manufacturer and contractor to tour the plant in Paris, Texas, the week of May 13.

Mr. Kovar added this will be the week the plant is building pipe for the RRVWSP. The LAWA Chairman and possibly other members will also be invited.

Chairman Vein asked if the contractors on the three pipeline crews are using the same pipe manufacturing.

Mr. Kovar said Oscar Renda, east of Carrington, is using American Pipe. They are using 25-foot sticks of pipe instead of 50-foot sticks. West of Carrington, Carstensen and Garney are both using Northwest Pipe.

**User Outreach Meetings** - - Steve Burian, Burian & Associates, provided highlights from the regional user outreach meetings. There have been eight meetings to date with four remaining to be held.

Mr. Burian said at the meetings, Mr. DeKrey provides an update on the RRVWSP, he explains how the user got to their position from a nomination standpoint and Mr. Gaddie wraps up with a 2024 financial summary, including details on debt service, operations, administration and reserves.

Mr. Burian added the user meetings have been very well received.

Mr. Kovar commented something previously discussed but needs to yet be determined is the pipe size in the Eastern North Dakota Alternate Water Supply (ENDAWS) section of the project. The option still remains to increase the pipe size for this section to get optimal use and benefit from the RRVWSP.

### **OTHER BUSINESS**

There being no further business to come before the committee, the meeting adjourned at 12 p.m.

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Ken Vein, Chairman

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Duane DeKrey, Secretary

# REGISTRATION

RED RIVER VALLEY COMMITTEE MEETING  
Carrington, North Dakota

April 18, 2024

NAME	ADDRESS
James Miller, BV	CARRINGTON
Lauri Olson, BV	Carrington
Vance Miller, BV	Carrington
Sidaw GADDIG, AGS	AGS GRAND FORKS
Bill Crystal	GDCD
Steve Burian	B+A
Scott Melving	GDCD
Bruce Kler	GDCD
Ami Norgard	Vogel Law Firm
Kp Koon	GDCD
Ken Veir	GDCD
JEFF LEDoux	GDCD
Mike Tweed	GDCD
Kenny Rogan	GDCD
Dave Andruso	GDCD - Perce
<del>Steve Metzger</del>	GDCD - Foster Co.
Lisa Schaefer	GDCD
Muni M. H. H.	GDCD

# CHANGE ORDER

Change Order No. 1

DATE OF ISSUANCE \_\_\_\_\_ EFFECTIVE DATE April 18, 2024

Owner: Garrison Diversion Conservancy District  
Contractor: Carstensen Contracting, Inc.  
Project: Red River Valley Water Supply Project, Transmission Pipeline East  
Owner's Contract No.: 5D  
Owner's Task Order No.: 5534

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

**Description:** Remove Trenchless Crossing at Station 6074+50

**Attachments:** BV Request for Change Proposal No. 1 – Remove Trenchless Crossing at Station 6074+50 dated February 7, 2024.

Carstensen Contracting, Inc. Change Proposal No. 1 - Remove Trenchless Crossing at Station 6074+50 dated March 21, 2024.

**CHANGE IN CONTRACT PRICE:**

Original Contract Price

\$61,677,275.00

No previously approved Change Orders

\$0.00

Contract Price prior to this Change Order:

\$61,677,275.00

Decrease of this Change Order:

\$(2,301,780.00)

Contract Price incorporating this Change Order:

\$59,375,495.00

ACCEPTED:

By: \_\_\_\_\_  
Owner (Authorized Signature)

Printed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**CHANGE IN CONTRACT TIMES:**

Original Contract Times:

Milestone Completion: October 31, 2025  
Substantial Completion: May 29, 2026  
Ready for final payment: July 31, 2026  
(days or dates)

No previously approved Change Orderse

Milestone Completion: 0  
Substantial Completion: 0  
Ready for final payment: 0  
(days)

Contract Times prior to this Change Order:

Milestone Completion: October 31, 2025  
Substantial Completion: May 29, 2026  
Ready for final payment: July 31, 2026  
(days or dates)

Increase of this Change Order:

Milestone Completion: 0  
Substantial Completion: 0  
Ready for final payment: 0  
(days)

Contract Times with all approved Change Orders:

Milestone Completion: October 31, 2025  
Substantial Completion: May 29, 2026  
Ready for final payment: July 31, 2026  
(days or dates)

ACCEPTED:

By: \_\_\_\_\_  
Contractor (Authorized Signature)

Printed: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



**BLACK & VEATCH CORPORATION**  
8400 WARD PARKWAY  
KANSAS CITY, MO 64114 USA  
913-458-3571 | RONNEKAMPKA@BV.COM

Thursday, April 4, 2024

Garrison Diversion Conservancy District  
401 Hwy 281 NE  
Carrington, ND 58421

RRVWSP TO 5534 TPE CT 5D  
BV Project 415094-5D  
BV File 60.1350.4

Attention: Kip Kovar, Deputy Program Manager – Engineering

Subject: Task Order 5534 / CO No. 1 Recommendation

Information Referenced: Change Proposal No. 1 – Remove Tunnel at Station 6074+50

In reference to Request for Proposal No. 1 dated February 7, 2024, Black & Veatch (BV) received the attached credit proposal from Carstensen Contracting (Carstensen) dated March 21, 2024. The proposal provides a credit for deletion of a single tunnel in the amount of \$2,301,780.

A. Comments and Recommendation

1. The Carstensen proposal correctly identifies the items to be deleted (steel carrier and casing pipes and launching and receiving shafts) and identifies the addition of the same length of open cut pipe installation. All quantities and unit prices for these items are in accordance with the Bid Form submitted by Carstensen with its Bid and a part of the Agreement.
2. The Carstensen proposal also identifies an addition cost of \$155,000 for open-cut construction through the wetland using the proper non-notify construction methods. These methods include the following items:
  - a. Contractor must place and work from mats or timbers while operating equipment in the approved jurisdictional determination wetland (AJD) / preliminary jurisdictional determination wetland (PJD) area. They cannot drive on the existing ground as is the case with non-jurisdictional determination wetland (NJD) areas.
  - b. The Contractor must provide pre-construction and post-construction survey's documenting the natural lines and grades were maintained.
  - c. Excavated soil stockpiles must be replaced or removed within 90 days of commencement of work in the wetland.
  - d. Contractor cannot stage or store prohibited material, including embedment and aggregate trench backfill, in the wetland. Contractor must haul material from stockpiles outside of the wetland.
  - e. Natural flow through the wetland must be maintained during construction.
  - f. Trench excavation and backfill material cannot create a drain to the wetland.
  - g. We also note that there are additional conditions and considerations that will need to be met and documented to follow nationwide permit conditions.



**BV Recommendation**

The requirements outlined above, in our opinion, justify the proposed additional cost of \$155,000 for the open-cut pipeline and properly credit Garrison Diversion for deletion of the tunnel at Station 6074+50. BV therefore recommends Garrison Diversion process a change order approving this change. The overall result of this scope of work change is a reduction in the Contract Price in the amount of \$2,301,780 resulting in a revised Contract Price of \$59,375,495.

If you have any questions about the change in the scope of work or the proposed change in Contract Price, please let us know. In anticipation of Garrison Diversion agreement to this change, Change Order No. 1 has been prepared and it is attached for signature and execution.

Sincerely,  
BLACK & VEATCH



Kurt A. Ronnekamp  
Sr Project Manager

Attachments: BV Request for Change Proposal No. 1 dated February 7, 2024  
Carstensen Proposal dated March 21, 2024  
Change Order No. 1 dated April 18, 2024

cc: Brad Carstensen, CC  
Mark Funston, BV  
Vance Miller, BV

**REQUEST FOR CHANGE PROPOSAL**

<b>Project:</b> <u>RRVWSP TPE Contract 5D</u>	<b>Project Number:</b> _____
<b>Owner:</b> <u>Garrison Diversion Conservancy District</u>	<u>TO5534</u>
<b>Contractor:</b> <u>Carstensen Contracting, Inc.</u>	_____
<b>Engineer:</b> <u>Black &amp; Veatch</u>	<u>415094</u>

<b>Request No:</b> <u>001</u>	<b>Description:</b> <u>Remove trenchless crossing at Sta. 6074+50</u>
<b>Specification:</b> <u>NA</u>	_____
<b>Drawing No:</b> <u>14-C-104</u>	_____

**Reference Document:**

Request for Information No: \_\_\_\_\_  Shop Drawing No: \_\_\_\_\_

Work Change Directive No: \_\_\_\_\_  Contract Document: \_\_\_\_\_

*The Owner requests that the Contractor prepare a Change Proposal for the changes in the Contract Documents described in this Request for a Change Proposal. The compensation offered for this Change Proposal is to be the full, complete, and final compensation for all costs the Contractor may incur as a result of or relating to this change whether said costs are known, unknown, foreseen, or unforeseen at this time, including without limitation, any cost for delay, extended overhead, ripple or impact cost, or any other effect on changed or unchanged Work as a result of this Contract Amendment. Requested changes in Contract Times are to be the complete and final adjustments for direct impacts to the ability of the Contractor to complete the Work within the Contract Times and are the only adjustments to which the Contractor will be entitled. Authorization to proceed with changes must be approved by the Owner in accordance with the Contract Documents.*

**Owner requests a Change Proposal for the following modifications to the Contract Documents:**  
 Remove 345 LF trenchless crossing between stations 6072+65 and 6076+10 and install pipeline using open-cut construction methods. Revised profile for open-cut installation is shown on revised sheet 14-C-104. This change results in the following Bid Form adjustments:  
 -Eliminate Bid Items 6 and 7  
 -Reduce quantity for Bid Items 4 and 5 from 575 LF to 230 LF.  
 -Increase quantity for Bid Item 2 from 50,570 LF to 50,915

**Purpose of Change Proposal:**  
 GDCD and the Design Team have decided to cross the jurisdictional wetland at station 6074+50 using open-cut construction under the terms of a non-notify nationwide permit. The removal of this trenchless crossing is expected to save a significant amount of construction cost.

**Attachments:**  
 Revised 14-C-104

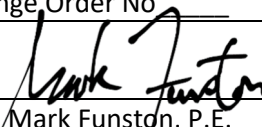
  

**Status:**  
 Change Proposal No \_\_\_\_\_ Received  Cancelled

**Action Required:**  
 None  Include in Change Order No \_\_\_\_\_  Revise and Resubmit  Cancelled

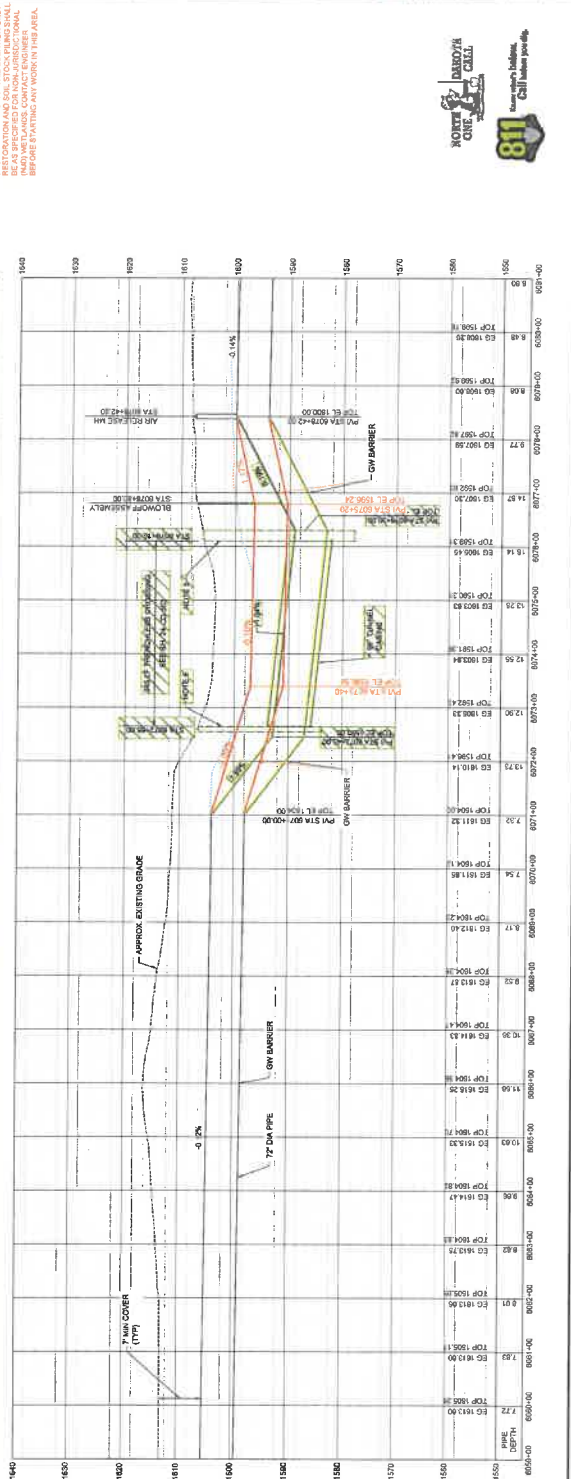
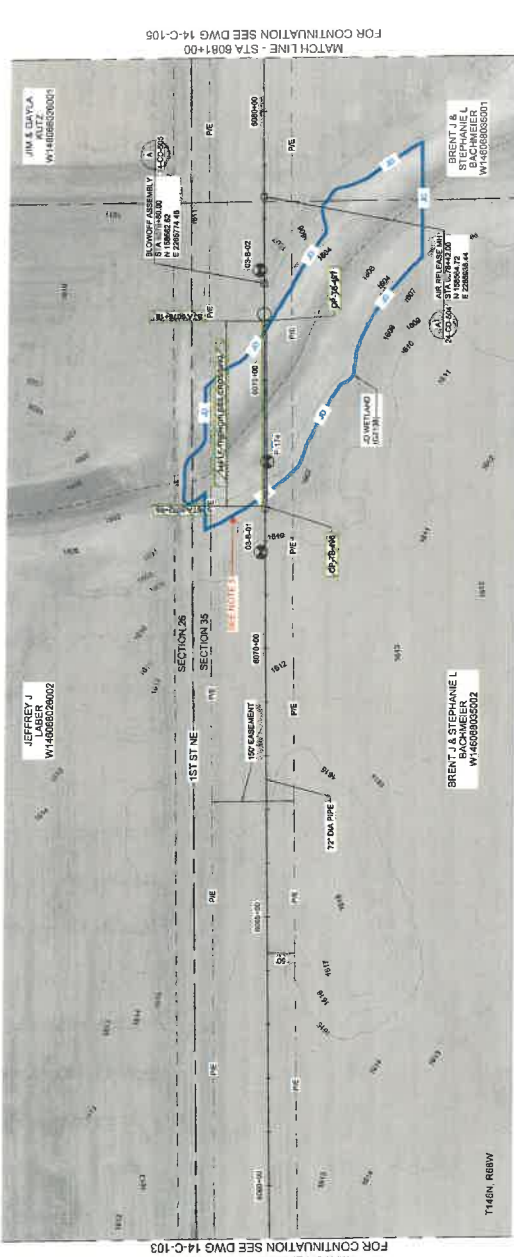
**Requested by:**  **Date:** 02/07/2024  
 Mark Funston, P.E.

ISSUED FOR CONSTRUCTION

		TRANSMISSION PIPELINE EAST SKYECTION TO CARRINGTON TASK ORDER 5334, CONTRACT 5D	CIVIL PLAN AND PROFILE STA 6059+00 TO STA 6091+00
PROJECT NO. 13294D SHEET 14-C-104 OF 49	DATE: 06/20/2014 DRAWN BY: J. K. HARRIS CHECKED BY: J. K. HARRIS APPROVED BY: J. K. HARRIS TITLE: CIVIL	14-C-104 SHEET OF 49	

**CONSTRUCTION NOTES:**

1. SEE HYDRAULIC PROFILE FOR PIPELINE PRESSURE CLASS.
2. PROFILE FOLLOWS THE CENTERLINE OF THE PIPELINE.
3. THE CLASS OF EXISTING MATERIALS AND UTILITIES ARE APPROXIMATE AND ARE BASED ON INFORMATION AVAILABLE TO THE ENGINEER. ALL EXISTING UTILITIES SHALL BE VERIFIED BY CONSTRUCTION ANNOTATION COORDINATED WITH THE ENGINEER. ANY EXISTING UTILITIES NOT SHOWN ON THIS DRAWING SHALL BE REVEALED AND PROTECTED WITH BENCH MARKS OR BETTER MATERIALS.
4. SEE SHEETS 14-C-101 THROUGH 14-C-106 FOR THE REMAINING PORTION OF THE PROJECT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RIGHTS-OF-WAY AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EASEMENTS AND SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSENTS FROM ALL AFFECTED PARTIES.



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# PROPOSAL

800 East Quartzite Street  
Dell Rapids, SD 57022

3/21/2024

QUOTE Black & Veatch  
TO Attn: Mark Funston  
8400 Ward Parkway  
Kansas City, MO 64114

CONTACT Mark Funston  
469-513-3191

JOB	WORK OFFERED	PLAN DATE
Red River Contract 5D	Remove Trenchless Crossing at Sta. 6074+50	3/21/2024

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXT PRICE
1	Bid item 2 - 72" Steel Pipe (Class 200) Open Cut Installation	345	LF	626.00	215,970.00
2	Bid item 4 - Trenchless Crossing 72" Steel Carrier	-345	LF	800.00	-276,000.00
3	Bid item 5 - Trenchless Crossing 96" Casing Pipe	-345	LF	5,150.00	-1,776,750.00
4	Bid item 6 - Tunnel Launching Shaft - Sta. 6076+10	-1	EA	400,000.00	-400,000.00
5	Bid item 7 - Tunnel Launching Shaft - Sta. 6072+65	-1	EA	220,000.00	-220,000.00
6	Additional Wetland Requirements	1	EA	155,000.00	155,000.00
<b>TOTAL:</b>					<b>\$-2,301,780.00</b>

Proposal for removal of trenchless crossing at Sta. 6074+50

Proposal includes removal of trenchless crossing of 345' at Sta. 6074+50 and credit for removal of tunnel shafts. This area will be completed by open cut installation. The additional line item is justified by a 75 percent credit back of the shafts for additional risk placed on CCI. Including wet conditions and following Ulteig Non-PCN Conditions for Wetlands and to maintain minimum disturbance of wetland area. Pipe installation requirements is to match adjoining pipeline and the possibility for trench bottom stabilization is to remain as owner directed and will be processed as it would be on the rest of the contracted alignment. Bore subcontractor mobilization is to remain unchanged.

INCLUSIONS: All labor, equipment, and materials needed to complete scope.

Brett Baerenwald  
Carstensen Contracting, Inc.  
507-215-0067

## OBJECTIVE

The GDCD "Avoidance Strategy" for the RRWSP Contract 6 pipeline will result in up to 16 tunnels for jurisdictional Waters of the United States (WOTUS) crossings. Using a non-notify strategy could reduce the number of WOTUS crossing tunnels from 16 to three. The potential cost savings would be approximately \$25 million by converting 13 crossings from tunnels to open trench installation.

## CRITERIA

The rationale for using non-notify provisions to open trenching these 13 crossings are:

- a. There would be no permanent impacts the WOTUS location,
- b. Temporary impacts could be completed in 90-days or less to each WOTUS location,
- c. Drainage ways and stream crossings have small upstream contributing drainage areas, typically have no standing/flowing surface water, and were not USGS "blue-line" streams, or
- d. Locations where the jurisdictional determination switched between 2017 and 2023.

The rationale for using tunnels for these three (3) crossings are:

- a. Temporary impacts are likely to exceed 90-days for each individual WOTUS location, and
- b. Locations are at crossings of USGS "blue-line" streams, they typically have standing/flowing water, or large contributing watersheds.

## SUMMARY

**Table 1** below summarizes the 16 WOTUS crossings for the RRWSP Contract 6 (RRVTP Ct6).

Utilizing non-notify to open-trench and temporarily impact 13 crossings is estimated to reduce the construction costs by approximately \$25,260,000.

Three WOTUS crossings would remain tunnels with an estimated construction cost of approximately \$8,430,000.

Costs were based on recently received bids, size of tunnels from the 90% plans, and the in-progress change order on RRWSP Contract 5D. Actual costs will be determined by future bids.

**Table 1 RRVWSP RRVTP Ct6 WOTUS Crossing Locations Summary**

<b>Location</b>	<b>Crossing Type</b>	<b>Length (ft)</b>	<b>Est. Cost Impact</b>	<b>Justification</b>
GZ209 <sup>1</sup>	Non-Notify	140	\$(1,510,000)	Short crossing, limited drainage
NA249-1 <sup>1</sup>	Non-Notify	200	\$(1,890,000)	Jurisdictional Determination Switched
218 <sup>1</sup>	Non-Notify	320	\$(2,660,000)	Jurisdictional Determination Switched
GZ219 <sup>2</sup>	Non-Notify	80	\$(1,130,000)	Short crossing, limited drainage
NA250 <sup>2</sup>	Non-Notify	50	\$(940,000)	Jurisdictional Determination Switched
NA113 <sup>2</sup>	Non-Notify	75	\$(1,100,000)	Jurisdictional Determination Switched
GZ224	Tunnel	210	\$2,220,000	Blue Line Stream Crossing
225 <sup>2</sup>	Non-Notify	160	\$(1,640,000)	Jurisdictional Determination Switched
GZ226 <sup>2</sup>	Non-Notify	81	\$(1,140,000)	Short crossing, Minor Stream
GZ227 <sup>2 &amp; 4</sup>	Non-Notify	845	\$(6,020,000)	Jurisdictional Determination Switched
GZ229	Tunnel	103	\$1,410,000	Blue Line Stream Crossing
NA117 <sup>2</sup>	Non-Notify	300	\$(2,530,000)	Minor Stream
GZ230 <sup>2</sup>	Non-Notify	130	\$(1,450,000)	Short crossing, Minor Stream
NA125 <sup>2</sup>	Non-Notify	145	\$(1,550,000)	Short crossing, Minor Stream
KLJ100 <sup>3</sup>	Non-Notify	170	\$(1,700,000)	Short crossing, Minor Stream
GZ232	Tunnel	550	\$4,800,000	Bald Hill Creek Crossing

Notes:

1. Approved Jurisdictional Determination (AJD) received from USACE in 2024.
2. Preliminary Jurisdictional Determination (PJD) from USACE in 2023
3. Jurisdictional Determination not yet requested from USACE. The probable result is "AJD".
4. GZ227 is probable to switch to Non-Jurisdictional (NJD) when formal jurisdictional request is made with the USACE.