

**State Water Commission Pre-Commission Meeting  
Minot City Council Chambers  
10 3<sup>rd</sup> Ave SW, 2<sup>nd</sup> Floor #246, Minot, ND  
Thursday, July 23, 2026 – 1:00 p.m. CT**

**A QUORUM OF THE COMMISSION MAY BE PRESENT**

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Meeting ID: 279 099 525 616 0

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**Join on a video conferencing device**

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Video ID: 113 787 091 2

**AGENDA**

- 1:00 – 1:03     A. Roll Call/Pledge of Allegiance
- 1:03 – 1:15     B. SWC Secretary Update (Reice Haase) (no attachment)
- 1:15 – 1:20     C. Ethics Commission Travel Rules (Jen Verleger) (no attachment)
- 1:20 – 1:25     D. Northwest Area Water Supply (NAWS) (Brandon Hicks)  
                    1. High Service Pump Station—Operations and Maintenance Agreement
- 1:25 – 1:35     E. Southwest Pipeline Project (SWPP) (Justin Froseth)  
                    1. Contract 1-1C Modifications to Existing Intake Pump Stations—Award and Funding Authorization Update  
                    2. Contract 2-2I Metallic Raw Water Pipeline Replacement—Award Authorization
- 1:35 – 1:55     F. General Water (Abigail Franklund)
- |                   |                               |           |   |
|-------------------|-------------------------------|-----------|---|
| 1. Burke Co WRD   | North Star Dam Removal        | \$185,282 | C |
| 2. GDCCD          | MM 10R Irrigation Project     | \$253,729 | C |
| 3. Ransom Co WRD  | Fort Ransom Dam Modification  | \$412,500 | C |
| 4. Pembina Co WRD | Pembina City Dam Modification | \$365,501 | C |
- 1:55 – 2:20     G. General Water—Conveyance (Abigail Franklund)
- |                      |                              |           |      |
|----------------------|------------------------------|-----------|------|
| 1. Cass Co Joint WRD | Drain 13 Outlet Improvements | \$165,000 | P    |
| 2. Logan Co WRD      | McKenna Lake Drainage Ph. 3  | \$0       | P/CI |
| 3. North Cass WRD    | Drain 26 Improvements        | \$279,626 | C    |
| 4. Pembina Co WRD    | Drain 4 Stabilization        | \$130,368 | C    |
| 5. Richland Co WRD   | Drain 4 (33) Improvements    | \$127,218 | C    |
- 2:20 – 2:25     H. Water Supply Budget and Deferred Projects (Duane Pool)
- 2:25 – 2:35     I. Water Supply (Rural/Regional) (Julie Prescott)
- |                  |                                  |             |    |
|------------------|----------------------------------|-------------|----|
| 1. Northeast RWD | User and Facility Expansion      | \$1,164,761 | C  |
| 2. WAWSA         | R&T Stanley and Little Knife Bay | \$646,650   | PC |

|             |                                                       |                                         |             |    |
|-------------|-------------------------------------------------------|-----------------------------------------|-------------|----|
| 2:35 – 2:45 | J. Water Supply (Discretionary) (Julie Prescott)      |                                         |             |    |
|             | 1. Medora                                             | New Water Storage Reservoir             | \$943,561   | C  |
|             | 2. Pembina Co WRD                                     | Pembina City Dam Modification           | \$819,742   | C  |
| 2:45 – 3:15 | K. Water Supply (Municipal/Regional) (Julie Prescott) |                                         |             |    |
|             | 1. Underwood                                          | Water System Improvements               | \$555,466   | C  |
|             | 2. Grenora                                            | Water Treatment Plant Improvement       | \$30,000    | PC |
|             | 3. Steele                                             | Watermain Replacement Ph. 1             | \$124,200   | PC |
|             | 4. Almont                                             | Drinking Water and Sanitary Sewer       | \$47,540    | C  |
|             | 5. Casselton                                          | Downtown Improvements Project           | \$525,218   | C  |
|             | 6. Harwood                                            | North Water Main Loop                   | \$491,129   | C  |
| 3:15 – 3:20 | L. Water Supply (Municipal) (Julie Prescott)          |                                         |             |    |
|             | <u>Projects Deferred Pending Available Funding</u>    |                                         |             |    |
|             | 1. Grafton                                            | Water System Replacement Phase I        | \$2,556,064 | C  |
|             | 2. Regent                                             | Main Avenue Reconstruction              | \$644,705   | C  |
|             | 3. Watford City                                       | 2026 Water Main Replacement             | \$2,130,923 | C  |
|             | 4. West Fargo                                         | 1 <sup>st</sup> Avenue E Reconstruction | \$1,136,346 | C  |
|             | 5. West Fargo                                         | Meadow Ridge Reconstruction Phase I     | \$1,120,118 | C  |
|             | 6. Williston                                          | West Broadway Improvements              | \$395,962   | C  |
|             | 7. Rolla                                              | WTP Improvements                        | \$15,000    | O  |
|             | 8. Binford                                            | Water & Wastewater System Improvements  | \$300,000   | PC |
|             | 9. Mandan                                             | Intake Phase III Study                  | \$135,000   | O  |
|             | 10. Stanley                                           | Capital Improvements Project IV         | \$95,640    | PC |

M. Adjourn

|    |                  |
|----|------------------|
| PC | Pre-Construction |
| C  | Construction     |
| L  | Legislative      |
| CI | Cost Increase    |
| O  | Other            |



**TO:** Lt. Governor Michelle Strinden  
Members of the State Water Commission  
**FROM:** Reice Haase, Secretary  
**SUBJECT:** NAWS – High Service Pump Station Operations and Maintenance Agreement  
**DATE:** July 23, 2026

The City of Minot (City) and the Department of Water Resources (Department) have been working collaboratively to develop an Operations and Maintenance Agreement for the Northwest Area Water Supply Project's (NAWS) High Service Pump Station (HSPS). The attached draft agreement formally establishes the roles, responsibilities, and cost sharing framework for the operation and maintenance of the facility, which serves both the City and the NAWS system.

Under the proposed agreement, the City will be responsible for the day-to-day operation of the pump station, including routine operations, normal maintenance, preventative maintenance, Supervisory Control and Data Acquisition (SCADA) alarm response, and maintaining maintenance records. The City will also provide the Department with bi-monthly maintenance and operational reports.

The Department on behalf of the State Water Commission will be responsible for ownership related obligations, including payment of electrical costs and property insurance. The Department in consultation with the City will determine entity responsible for managing replacement and extraordinary maintenance projects eligible for funding through the NAWS project's Replacement and Extraordinary Maintenance (REM) fund.

The agreement establishes a cost sharing methodology based on historical water usage. Using average system demand from 2023 through 2025, approximately 87 percent of the water pumped through the facility serves the City and 13 percent serves regional NAWS customers. Accordingly, the Department will reimburse the City for 13 percent of the eligible annual operations and maintenance costs for 2027. The reimbursement percentage will be recalculated annually using the previous three years of water usage to ensure an equitable allocation of costs as system demands change.

This agreement provides a clear framework for the long term operation and maintenance of the HSPS by defining responsibilities, establishing consistent reporting requirements, and implementing a transparent, data-driven cost-sharing approach.

Legal review and approval by the City council remains before the agreement can be finalized. Authorizing the Secretary to finalize and execute the agreement is requested.

July 23, 2026

I recommend the State Water Commission authorize the Secretary to finalize and execute the Northwest Area Water Supply Project - High Service Pump Station Operations and Maintenance Agreement between the State Water Commission and the City of Minot.

RH:BHH/237-4

Attachment

DRAFT

**NORTHWEST AREA WATER SUPPLY  
HIGH SERVICE PUMP STATION OPERATIONS AND MAINTENANCE  
AGREEMENT**

**1. PURPOSE**

This Agreement is between the state of North Dakota, acting by and through the State Water Commission (SWC), and the City of Minot, acting by and through its Mayor and City Council (City) regarding Operations and Maintenance for the High Service Pump Station (HSPS) and associated equipment.

This agreement provides the terms and conditions upon which the parties must jointly provide for operation and maintenance of the HSPS.

**2. BACKGROUND**

The SWC owns the Northwest Area Water Supply (NAWS) Project. Department of Water Resources, (Department) a state agency is responsible for the construction administration, operations, and maintenance of NAWS on behalf of the SWC. The infrastructure for the NAWS Project, includes a HSPS located near the City's Water Treatment Plant. The construction of the HSPS was completed in 2012. The HSPS houses four 250 hp pumps, that are operated to supply the City. The HSPS also contains five pumps (4 – 350 hp pumps and 1 – 125 hp pump) that are operated to distribute water for NAWS including connections for City of Minot. An additional pump for distributing water for NAWS may be added in the future.

**3. DEFINITIONS**

Extraordinary Maintenance is defined as non-routine maintenance and repair work performed to restore an existing facility, system, or component to an operating condition when needs arise beyond normal maintenance—including work prompted by unexpected failures, accelerated deterioration, accidents, or force majeure/acts of God (e.g., weather/climate related).

Normal Maintenance is defined as routine, scheduled activities that keep the station operating safely, reliably, and efficiently. Example of Normal Maintenance activities include upkeep of the facility including cleaning, mowing etc.

Operations is defined as set point changes, abnormal operating condition troubleshooting, and visible and audible monitoring.

Operation and Maintenance include Operations, Normal Maintenance, Replacement, and Routine Preventative Maintenance.

Replacement is defined as installing parts, systems, or components similar to what currently exists with the intention of preserving or improving existing service levels.

Routine Preventative Maintenance is defined as tasks identified in the manufacturer's manual, as well as identified by the State and the City. These tasks could occur weekly, monthly, annual, etc. A non exclusive list of Routine Preventative Maintenance activities are included in Appendix A.

Replacement and Extraordinary Maintenance (REM) fund is the fund maintained by the Department for the NAWS project through the collection of REM rate from NAWS customers including the City of Rugby.

#### **4. EFFECTIVE DATE AND TERM OF AGREEMENT**

This Agreement becomes effective on January 1, 2027 and this agreement shall remain in effect until terminated by either parties.

#### **5. ROLES AND RESPONSIBILITIES**

This section outlines the roles and responsibilities between the Department and the City.

##### **5.1. City's Responsibilities:**

- The City is responsible for the Normal Maintenance and Routine Preventative Maintenance of the HSPS.
- The City will maintain a log of the completed Normal Maintenance and Routine Preventative Maintenance and provide a bi-monthly report to the Department. The bi-monthly report will be provided before the 15<sup>th</sup> of the following month.
- A report with information on daily maximum, minimum, and average flow rates and pressures from each of the pumps will be included in the bi-monthly report to the Department.
- The City is responsible for the Operations of the four 250 hp pumps providing water exclusively to the City within the design parameters of the pumps. The pump curve indicates a maximum flow rate of 3,200 gallons per minute.

- The Operations of the four 250 hp pumps are set by City of Minot operators and controlled by the Supervisory Control and Data Acquisition (SCADA) system.
- The City can change the set points on the SCADA system within the design parameters.
- The City will discuss any changes to the set points or operational parameters on the SCADA system outside the design parameters with the Department before such changes are implemented.

The City is responsible for the Operations of the four 350 hp pumps and the one 125 hp pump that serves the NAWS connections within the design parameters of the pumps. The pump curve indicates a max flow rate of 4,000 gallons per minute.

- The Operations of the four 350 hp pumps and the one 125 hp pump are set by City of Minot operators in consultation with Department input and controlled by the SCADA system.
- The 350 hp and the 125 hp pumps will be operated between 140 – 145 psig. The City will discuss with the Department any changes outside of the noted range. In the event of an emergency, the City shall notify the Department's on call operator via phone call as soon as possible.
- The City will notify the Department of any Normal Maintenance activity that could disrupt the Operations of the pumps that serves NAWS connections.
- The City is responsible for acknowledging and investigating the SCADA alarms related to the HSPS.
- The City will track the costs for the Operations, Normal Maintenance and Routine Preventative Maintenance of the HSPS including staff salaries, benefits, expenses for materials and services.

## 5.2. Department's Responsibilities:

- The Department is responsible for the electricity billing at the HSPS.
- The Department is responsible for insuring the facility and pay for the property insurance.
- The Department will reimburse the City its share of the Normal Maintenance and the Routine Preventative Maintenance of the HSPS in Section 6 below.
- Department will seek SWC approval for projects that are eligible for REM funds.
- The Department in consultation with the City will determine the entity responsible for managing the REM projects at the HSPS that will be funded using the NAWS project's REM fund.

## **6. COST SHARING OF THE OPERATIONS AND MAINTENANCE OF HSPS**

Based on the water usage data between 2023 – 2025, the proportion of the water usage between the City and the other NAWS connections is estimated as 87% - City and 13% - other NAWS connections. Based on that estimate, the Department agrees to reimburse the City 13% of the Operations and Maintenance costs of the HSPS, in 2027.

The proportion of the water usage between the City and the other NAWS connections will be estimated annually in January of each year using the prior 3 years of data and will be used for estimating the reimbursement percentage from the Department to the City for that year.

## **7. TERMINATION**

The SWC may terminate this Agreement effective upon delivery of written notice to the city, or at such later date as may be established by the SWC under any of the following conditions:

- a. If federal or state regulations or guidelines are modified, changed, or interpreted, in such a way that the services are no longer allowable or appropriate for purchase under this Agreement or are no longer eligible for the funding proposed for payments authorized by this Agreement.
- b. If any license or certificate required by law or regulation to be held by the City to provide the services required by this Agreement is for any reason denied, revoked, or not renewed.
- c. Any such termination of this Agreement shall be without prejudice to any obligations or liabilities of either party already accrued prior to such termination.
- d. The SWC by written notice of default (including breach of contract) to the City may terminate the whole or any part of this Agreement if the City fails to perform any of the other provision of this Agreement, or so fails to pursue the work as to endanger performance of this Agreement in accordance with its terms, and after receipt of written notice from the SWC, fails to correct such failures within thirty days or such longer period as the SWC may authorize.
- e. The City may terminate this Agreement, effective upon delivery of written notice to the SWC, or at such later time as may be established by the City, if the SWC fails to perform any of the provisions of this Agreement and after

receipt of written notice from the City, fails to correct such failures within thirty days or such longer period as the City may authorize.

- f. The rights and remedies of the SWC provided in the above clause related to defaults (including breach of contract) by the City shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement. The rights and remedies of the City related to defaults (including breach of contract) by the SWC shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Agreement.
- g. This Agreement may be terminated by mutual consent of both parties in writing.

#### **8. ACCESS TO RECORDS**

The SWC and its duly authorized representatives shall have access to the books, documents, papers and records of the City which are directly pertinent to the specific Agreement for the purpose of making audit, examination, excerpts, and transcripts.

#### **9. APPLICABLE LAW**

This Agreement shall be governed by and construed in accordance with the laws of the state of North Dakota.

#### **10. CAPTIONS**

The captions or headings in this Agreement are for convenience only and in no way define, limit, or describe the scope or intent of any provisions of this Agreement.

#### **11. AMENDMENTS**

The terms of this Agreement shall not be waived, altered, modified, supplemented, or amended, in any manner whatsoever, except by written instrument signed by both parties.

#### **12. SUCCESSORS IN INTEREST**

The provisions of this Agreement shall be binding upon and shall inure to the benefit of the parties hereto, and their respective successors and assigns.

#### **13. SEVERABILITY**

The parties agree that if any term or provision of this Agreement is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the

|

validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular term or provision held to be invalid.

**14. WAIVER**

The failure of the SWC to enforce any provisions of this contract shall not constitute a waiver by the SWC of that or any other provision.

**15. ASSIGNMENT**

The provisions of this Agreement shall apply to and bind the successors and assigns of the respective parties, but no assignment or transfer of this Agreement, or any part hereof or interest herein, shall be valid until and unless approved by the SWC. The SWC shall not approve any assignment or transfer to any water user entity unless and until the water user entity to which it is proposed that this Agreement be transferred or assigned has the necessary ability to satisfy the obligations of this Agreement.

**16. MERGER CLAUSE**

This Agreement constitutes the entire agreement between the parties. No waiver, consent, modification or change of terms of this Agreement shall bind either party unless in writing and signed by both parties. Such waiver, consent, modification or change, if made, shall be effective only in the specific instance and for the specific purpose given. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. The City, by the signature below of its authorized representative, hereby acknowledges that the City has read this Agreement, understands it and agrees to be bound by its terms and conditions.

**17. FORCE MAJEURE**

Neither Party shall be held responsible for delay or default caused by fire, riot, terrorism, pandemic (excluding COVID-19), acts of God, or war if the event was not foreseeable through the exercise of reasonable diligence by the affected Party, the event is beyond the Party's reasonable control, and the affected Party gives notice to the other Party promptly upon occurrence of the event causing the delay or default or that is reasonably expected to cause a delay or default.

**18. NOTICE**



All notices or other communications required under this Agreement must be given by registered or certified mail and are complete on the date postmarked when addressed to the parties at the following addresses:

| Department                                | City                                   |
|-------------------------------------------|----------------------------------------|
| Name: Brandon Hicks                       | Name: Jason Sorenson                   |
| Title: NAWS Project Manager               | Title: Utilities Director              |
| Address: 1200 Memorial Highway            | Address: PO Box 5006                   |
| City, State, Zip code: Bismarck, ND 58503 | City, State, Zip code: Minot, ND 58701 |

Notice provided under this provision does not meet the notice requirements for monetary claims against the State found at N.D.C.C. § 32-12.2-04.

### **19. SPOILATION**

City shall promptly notify SWC of all potential claims that arise or result from this Agreement. City shall also take all reasonable steps to preserve all physical evidence and information that may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and grants to SWC the opportunity to review and inspect such evidence, including the scene of an accident.

#### **NORTH DAKOTA STATE WATER COMMISSION**

1200 Memorial Highway  
Bismarck, ND 58504

By: \_\_\_\_\_

Title: Secretary, North Dakota State Water Commission

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

#### **CITY OF MINOT**

PO Box 5006  
Minot, ND 58702

By: \_\_\_\_\_

Title: Mayor, City of Minot

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

## **Appendix A**

### **Routine Preventative Maintenance**

Routine Preventative Maintenance is defined as tasks identified in the manufacturer's manual, as well as identified by the State and the City. These tasks could occur weekly, monthly, annual, etc. A non-inclusive list of examples of Routine Preventative Maintenance activities are listed below.

#### **Pumps-**

- Weekly- packing greasing
- Yearly- valve exercising
- Yearly- pump chamber inspection of suction side columns

#### **Motors-**

- Weekly- motor vibrations check
- Quarterly- motor bearing greasing
- Yearly- motor bearing oil change

#### **Check Valves-**

- Weekly- greasing

#### **Crane Service-**

- Yearly- greasing and lubrication of bearings, rollers, spool, and cable

#### **HVAC-**

- Weekly- filter check
- Quarterly- filter change, bearing greasing, belt inspection
- Yearly- condenser cleaning, exhaust fan bearing greasing and belt check, heater inspections in pump room

#### **Compressors-**

- Weekly- check oil level, operating pressures, air filter, blow down condensate build- up
- Yearly- change oil, oil filter, and air filter

#### **Power Panels-**

- Yearly- housekeeping and fuse inspection

#### **Analyzer Maintenance-**

- Weekly- check reagents, standards, cleaner levels, and any alarm faults
- Yearly- tubing replacement performed by Hach

Fire Alarm/ Detector-

- Yearly- test system & check batteries

Lights Interior/Exterior-

- Any time of year - change out with new when needed

HSPS Building-

- Quarterly- clean floors, wipe horizontal services, and maintain organization

Perimeter Sump Pumps-

- Weekly- inspection running conditions and sump level

Generator-

- Weekly- inspect the following: coolant level, coolant temp, exhaust filters, fuel filters, oil filters, alarm status, battery terminals, battery charging system, leaks, diesel level, drive belt, and louvers.
- Monthly- run generator, log run hours, have ATS operate, and log diesel level
- Bi-annually- change coolant, change oil, change oil filters, change fuel filters

HSPS Compound-

- Weekly- lawn care, snow removal, and pest control

NORTH  
**Dakota** | Water Resources  
Be Legendary.

**TO:** Lt. Governor, Michelle Strinden  
Members of the State Water Commission  
**FROM:** Reice Haase, Secretary  
**SUBJECT:** SWPP Contract 1-1C – Modifications to Existing Intake Pump Stations -  
Award and Funding Authorization Update  
**DATE:** July 15, 2026

Through this memo a correction is requested to the contract award and funding authorization that was presented to the State Water Commission at the June meeting for the item titled "SWPP Contract 1-1C – Modifications to Existing Intake Pump Stations Award." The error resulted from a typographical mistake made by staff on the General Construction Contract's low bid from CC Steel in the memorandum.

The June 2026 memo included the award of SWPP Contract 1-1C General Construction with Bid Alternate G-1 to CC Steel, LLC in the amount of \$727,750. The correct amount is \$764,250. The funding authorization presented and approved at the June 2026 meeting was \$2.98 million. With the correction to the contract amount, the required funding authorization is \$3.02 million.

**Updated Recommendation:**

**I recommend the State Water Commission authorize the Secretary to award SWPP Contract 1-1C General Construction with Bid Alternate G-1 to CC Steel, LLC in the amount of \$764,250, Contract 1-1C Mechanical Construction to Peterson Sheet Metal in the amount of \$612,500, and Contract 1-1C Electrical Construction to Edling Electric in the amount of \$1,137,000.**

**I recommend the State Water Commission allocate \$3.02 million to the Southwest Pipeline Project from funds appropriated in the 2025-2027 biennium.**

RH:JF/1736-99

**TO:** Members of the State Water Commission  
**FROM:** Justin Froseth P.E., SWPP Project Manager  
**SUBJECT:** SWPP – Contract 2-21 Raw Water Main Transmission Pipeline  
Replacement—Award Authorization  
**DATE:** July 15, 2026

The Department of Water Resources (DWR), in coordination with Southwest Pipeline Project's consulting Engineer, Bartlett & West/AECOM (BW/AECOM), is developing the plans and specifications for the Raw Water Main Transmission Pipeline Replacement, Dodge to Richardton (Contract 2-21). BW/AECOM recently submitted the 90% design package, which is under review by Department of Water Resources (DWR) and the Southwest Water Authority (SWA) staff. Following completion of the review and incorporation of final revisions, the project will be advertised for bids. The bid opening is anticipated to occur shortly after the August State Water Commission (SWC) meeting.

Construction during late winter or early spring 2027 construction is beneficial for the project. To support the schedule, DWR staff will request authorization at the August SWC meeting for the Secretary to award the contract to the lowest responsible bidder.

DWR staff evaluated Owner procurement of the pipeline and appurtenances for this project. After evaluation of the potential benefits Owner procurement is not being pursued. The primary advantages of the Owner procurement were the possibility of accelerating material delivery and achieving cost savings through the State's sales tax exemption. However, based on recent experience from the pre-procurement of equipment for the Existing Intake Modifications Project, staff concluded that pre-procurement did not improve delivery timelines. The main challenge was that material suppliers included numerous terms and conditions in their proposals resulting in prolonged contract negotiations. Suppliers typically negotiate directly with contractors and are generally not accustomed to submitting firm bids under State's procurement requirements. In contract, contractors involved with public improvement construction routinely participate in competitive bidding and generally provide bids without such qualifications.

In addition, the effective cost savings from the sales tax exemption would be less than the full 5% tax rate as a separate procurement package would need to be developed in accordance with Office of Management and Budget (OMB) procurement requirements, resulting in additional time and associated costs. A traditional furnish-and-install contract

SWPP - SWPP – Contract 2-2I Raw Water Main Transmission Pipeline Replacement—  
Award Authorization  
Page 2 of 2  
July 15, 2026

also helps minimize the potential for change orders. Under this approach, the contractor is responsible for furnishing all materials required to complete the work and has direct control over its suppliers to meet the project schedule.

DWR staff anticipates requesting authorization for the Secretary to award the contract to the lowest responsible bidder at the August SWC meeting. Funding authorization is expected to be presented at the the October SWC meeting.

RH:JF/1736-99

# 1088147 - NorthStar Dam Removal -Construction Funding

## Application Details

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**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application  
  
**Initial Submit Date:** Jun 9, 2026 8:07 AM  
**Initially Submitted By:** john moen  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Mandar Middle Name Nangare  
Salutation First Name Last Name  
**Title:** Senior Water Resources Engineer  
**Email\*:** MNangare@barr.com  
**Address\*:** 4585 Coleman Street  
Suite 200  
  
Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 255-5474 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** Burke County Water

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-0379661

**Organization Website:**

**Address\*:** box 305

**Phone\*:** powers lake North Dakota 58773-\_\_\_\_  
City State/Province Postal Code/Zip  
701-240-1775 Ext.  
###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** NorthStar Dam Removal

**Sponsor(s)\*:** Burke County Water Resource Board

**County\*:** Burke

**City\*:** Bowbells

**Description of Request\*:** New

**Project Type:** DAM Safety/EAP

**If Project is a Study, What Type?:** Other



**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

Burke County Water Resource Board

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The Burke County Water Resource Board completed engineering and permitting associated with NorthStar Dam Removal Project (SWC Project No. 2215). The Board recently received approval from the DWR to complete required cultural resources mitigation efforts required by the law. Cultural resources mitigation work is on schedule to be completed by mid-July 2026. The Board is the process of removing NorthStar Dam, a low-head rubble masonry dam located on the Stoney Run Creek near Bowbells, ND. The dam is an old aging structure and poses safety risk. Removing the dam will eliminate safety hazard associated with aging infrastructure.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The project was issued to bid on May 6, 2026. Public bid opening took place on June 4, 2026. A qualified contractor was selected, by following selection process as outlined in North Dakota Century Code (NDCC) Chapter 48-01.2.

**Describe the Objectives or Goals Specific to This Application\*:**

Scope of work includes the labor, materials, tools, and equipment required to remove an existing rubble masonry dam, grade and restore natural channel for approximately 1.4 miles south of structure, and restoration of disturbed areas. This will restore the natural flow of Stoney Run Creek and improve safety.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

Scope of work includes the labor, materials, tools, and equipment required to remove an existing rubble masonry dam, grade and restore natural channel for approximately 1.4 miles south of structure, and restoration of disturbed areas. This will restore the natural flow of Stoney Run Creek and improve safety.

**For this project,**

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |      |
|---------------------------------------------------|------|
| <b>What is the Current Estimated Population*:</b> | 2200 |
|---------------------------------------------------|------|

**For this project,**

|                                           |      |
|-------------------------------------------|------|
| <b>What is the Benefited Population*:</b> | 2200 |
|-------------------------------------------|------|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed*:</b> | N/A |
|------------------------------------------------|-----|

**Have Land or Easements Been Acquired?\***: N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

We applied for and received Nationwide Section 404 permit from the US Army Corps of Engineers. NWO-2025-01296-BIS

**Have You Been approved for any Federal Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

We applied for and received Nationwide Section 404 permit from the US Army Corps of Engineers. NWO-2025-01296-BIS

**Have You Applied for any State Permits?\***: N/A

**Have You Applied for any Local Permits?\***: N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?\***: No

(Example: Hazard Mitigation Grant Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: June 2026

**Design Completion\*:** April 2026  
**Bid\*:** June 2026  
**Construction Start\*:** August 2026  
**Construction Completion\*:** June 2027

**Explain Additional Timeline**

**Issues\*:**

Project was Issued to Bid (IFB) on May 6, 2026.  
Bid opening and contractor selection took place on June 4, 2026  
Construction to start August 2026  
Substantial completion of work by April 2027  
Final completion of work by June 2027

**Consulting Engineer\*:** Barr Engineering Co.  
**Engineer Direct Phone Number\*:** 701-255-5474  
**Engineer Email\*:** MNangare@barr.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** John Moen 04/28/2026  
First Name Last Name Date  
**Title/Position/Authority\*:** Chairman, Burke County Water Resource Board  
**Address\*:** po box 305  
Address Line 1  
Address Line 2  
powers lake North Dakota 58773-\_\_\_\_  
City State Zip Code  
**Direct Phone Number\*:** 701-240-1775  
**Sponsor Email\*:** jbmoen@nccray.com  
**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

john moen  
First Name Last Name

**Authorized Signor Title/Position:**

chairman burke county water board

**Authorized Signor Email:**

jbmoen@nccray.com

**Authorized Signor Direct Phone Number:**

701-240-1775

**Provide the Name for One Additional Board Member, if Applicable:**

Belinda Moen  
First Name Last Name

**Additional Board Member Title/Position:**

secretary

**Additional Board Member Email:**

jbmoen@nccray.com

**Additional Board Member Direct Phone Number:**

701-648-9899

## Documentation

---

### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

Figure 1 NorthStar Dam Vicinity Map.pdf

Must Include Project Location in State  
Using an Inset Map and  
Distance/Direction to Nearest  
Community  
\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**

Burke County Water Board Meeting 06-08-2026.pdf

|                                                                                                                                                                                          |                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Cover Letter:</b>                                                                                                                                                                     | CoverLetter.pdf                               |
| <b>Are You Seeking Cost-Share for a Main Street Initiative Related Project?:</b>                                                                                                         | No                                            |
| CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.                                                                                                          |                                               |
| <b>Delineation of Costs SFN 61801:</b>                                                                                                                                                   | sfn_61801_delineation_of_cost.xlsx            |
| <b>Type of Request:</b>                                                                                                                                                                  | Construction                                  |
| <b>Signed Plans and Specifications For Bidding:</b>                                                                                                                                      | NorthStar Dam Removal Project Manual.pdf      |
| <b>Is This a Water Supply Project?:</b>                                                                                                                                                  | No                                            |
| <b>Is This a Rural Flood Control Project?:</b>                                                                                                                                           | No                                            |
| <b>Is This a Drain Reconstruction Project?:</b>                                                                                                                                          | No                                            |
| <b>Is This a Flood Recovery Property Acquisition Project?:</b>                                                                                                                           | No                                            |
| <b>If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:</b> | No                                            |
| <b>Sovereign Land Permit, if Required for Construction Request:</b>                                                                                                                      |                                               |
| <b>DWR Construction Permit, if Required for Construction Request:</b>                                                                                                                    |                                               |
| <b>Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:</b>                                                                                                 |                                               |
| <b>Has a Feasibility/Engineering Study Been Completed for the Project?:</b>                                                                                                              | Yes                                           |
| <b>Feasibility/Engineering Study Material:</b>                                                                                                                                           | 34071019_NorthStar Dam Removal.pdf            |
| <b>Photos of Problem/Issue:</b>                                                                                                                                                          |                                               |
| <b>GIS Files:</b>                                                                                                                                                                        | Please Compress All Files Into One .zip File. |
| <b>Other Applicable Document(s):</b>                                                                                                                                                     | Yes                                           |
| <b>Other Applicable Document:</b>                                                                                                                                                        | BidTab_NorthStarDamRemoval_10181042.xlsx      |

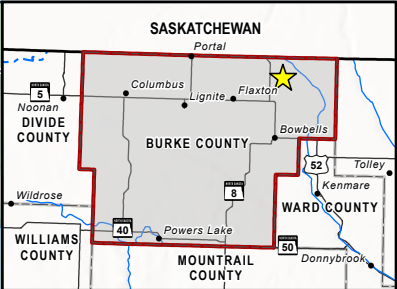
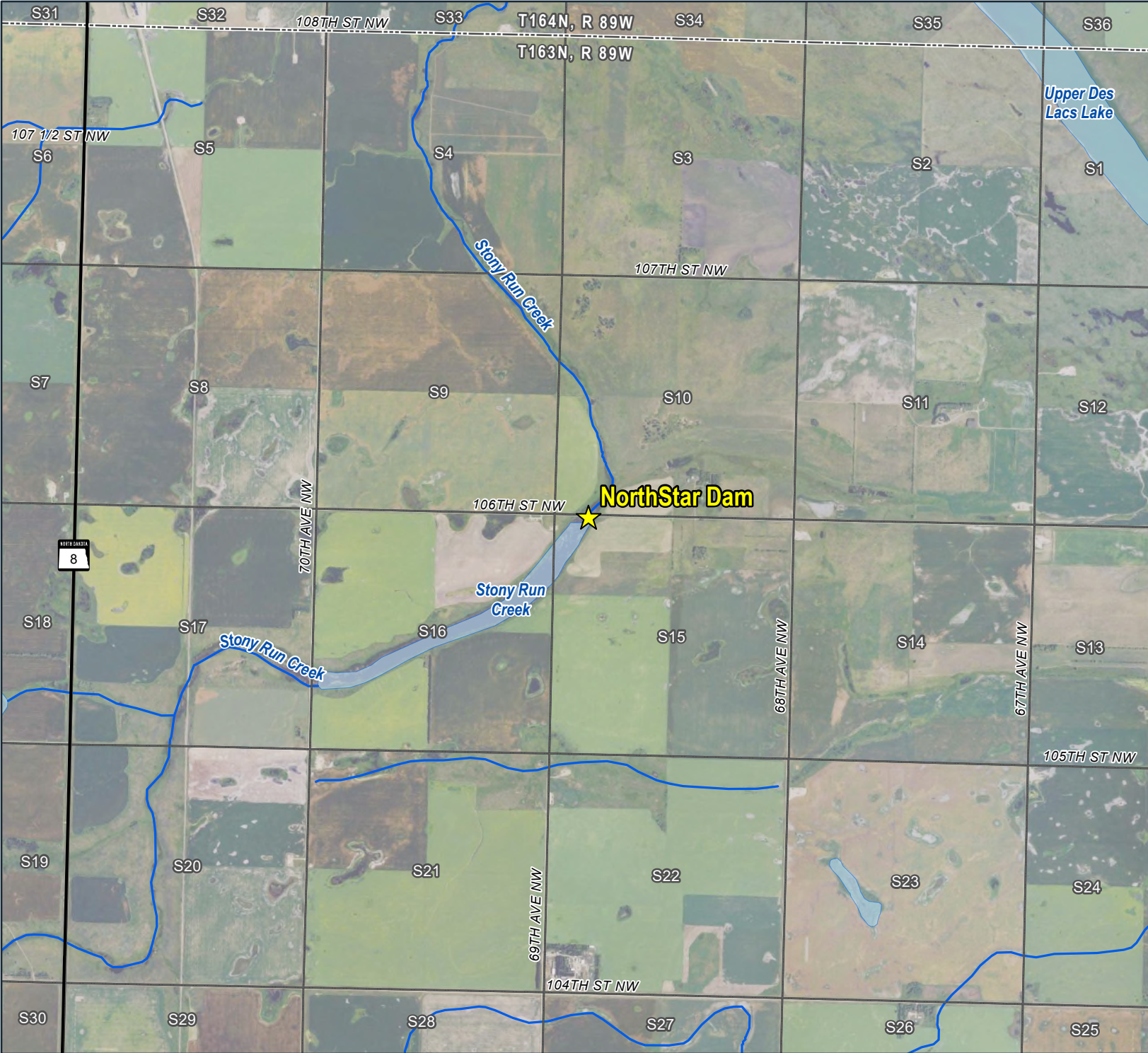
Other Applicable Document: NorthStar Dam Removal Cost Estimate Barr.pdf

Other Applicable Document:

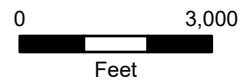
## Sources

*Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)*

| Source                                                         | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status   | State Fiscal                           |                           |                               | Total Cost   | Type | Term | Interest<br>Rate |
|----------------------------------------------------------------|-------------------------------------------|--------------------|----------------------------------------|---------------------------|-------------------------------|--------------|------|------|------------------|
|                                                                |                                           |                    | State Fiscal<br>Year 1<br>July to June | Year 2<br>July to<br>June | Beyond<br>Current<br>Biennium |              |      |      |                  |
| Department of<br>Water Resources<br>Cost Share<br>Construction |                                           | Current<br>Request | \$185,282.25                           | \$0.00                    | \$0.00                        | \$185,282.25 |      | 0.00 | 0.00             |
|                                                                |                                           |                    | \$185,282.25                           | \$0.00                    | \$0.00                        | \$185,282.25 |      |      |                  |



- ★ NorthStar Dam Location
- Major Highway
- ~ Rivers and Streams
- - - Public Land Survey Township
- Public Land Survey Section



Imagery: USDA NAIP (2024)

**Vicinity Map**  
NorthStar Dam  
Burke County  
Water Resources Board  
Burke County, ND

FIGURE 1







**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

Bid June 4, 2026

DWR Date Received : June 09, 2026

Date : 6/8/26  
Project : NorthStar Dam Removal  
Sponsor : Burke County Water Resource Board  
Contact : John Moen, Chairman  
Phone : 701-240-1775  
Engineer : Mandar Nangare, Barr Engineering Co.  
Phone : 701-255-5474

|                   |               |                     |               |
|-------------------|---------------|---------------------|---------------|
| Total Cost :      | \$ 308,803.75 | Total Cost-Share* : | \$ 185,282.25 |
| Ineligible Cost : | \$ -          | Other Eligible:     | \$ -          |
| Eligible Cost :   | \$ 308,803.75 | Preconstruction :   | \$ -          |
| Local Cost :      | \$ 123,521.50 | Construction :      | \$ 185,282.25 |

|                                |              |
|--------------------------------|--------------|
| Project Type:                  | Cost-share % |
| Dam - Deficiencies and Repairs | 60%          |

|                                                                            |           | Cost Classification                | Quantity | Unit | Unit Price | Total         | Cost-Share % | Cost-Share \$ |
|----------------------------------------------------------------------------|-----------|------------------------------------|----------|------|------------|---------------|--------------|---------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                    |          |      |            |               |              |               |
| Item                                                                       | % of Cost |                                    |          |      |            |               |              |               |
| 1                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 2                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 3                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 4                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 5                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 0.0%      | Other Eligible Total               |          |      |            | \$ -          | 60%          | \$ -          |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                    |          |      |            |               |              |               |
| 6                                                                          | 0.0%      |                                    | 1        |      | -          | \$ -          | 60%          | \$ -          |
| 7                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 8                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 9                                                                          | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 10                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 0.0%      | Preconstruction Total              |          |      |            | \$ -          | 60%          | \$ -          |
| Construction Engineering Costs                                             |           |                                    |          |      |            |               |              |               |
| 11                                                                         | 4.3%      |                                    | 1        | LS   | 13,426.25  | \$ 13,426.25  | 60%          | \$ 8,055.75   |
| 12                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 13                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 14                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 4.3%      | Construction Engineering Total     |          |      |            | \$ 13,426     | 60%          | \$ 8,055.75   |
| Construction Costs                                                         |           |                                    |          |      |            |               |              |               |
| 15                                                                         | 3.9%      | Mobilization                       | 1        | EA   | 12,000.00  | \$ 12,000.00  | 60%          | \$ 7,200.00   |
| 16                                                                         | 0.0%      | Bonding                            | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 17                                                                         | 0.0%      | Insurance                          | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 18                                                                         | 7.5%      | Erosion Control                    | 1        | EA   | 23,025.00  | \$ 23,025.00  | 60%          | \$ 13,815.00  |
| 19                                                                         | 3.2%      | Video Monitoring and Documentation | 1        | LS   | 10,000.00  | \$ 10,000.00  | 60%          | \$ 6,000.00   |
| 20                                                                         | 1.6%      | Water Control                      | 1        | EA   | 5,000.00   | \$ 5,000.00   | 60%          | \$ 3,000.00   |
| 21                                                                         | 1.6%      | Demolition                         | 1        | EA   | 5,000.00   | \$ 5,000.00   | 60%          | \$ 3,000.00   |
| 22                                                                         | 50.5%     | Channel Excavation                 | 1        | LS   | 156,000.00 | \$ 156,000.00 | 60%          | \$ 93,600.00  |
| 23                                                                         | 16.2%     | Sediment Pond Excavation           | 1        | LS   | 50,000.00  | \$ 50,000.00  | 60%          | \$ 30,000.00  |
| 24                                                                         | 0.8%      | Haul & Dispose Excavation          | 1        | LS   | 2,500.00   | \$ 2,500.00   | 60%          | \$ 1,500.00   |
| 25                                                                         | 1.6%      | Restoration                        | 1        | LS   | 5,000.00   | \$ 5,000.00   | 60%          | \$ 3,000.00   |
| 26                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 27                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 28                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 29                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 30                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 31                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 32                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 33                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 34                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 35                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
| 36                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 60%          | \$ -          |
|                                                                            |           | Construction Sub-Total             |          |      |            | \$ 268,525.00 | 60%          | \$ 161,115.00 |
|                                                                            | 8.7%      | Allowable Contingency (10%)        |          |      |            | \$ 26,852.50  | 60%          | \$ 16,111.50  |
|                                                                            | 0.0%      | Elective Contingency Reduction     | 0        |      | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 95.7%     | Construction Total                 |          |      |            | \$ 295,377.50 | 60%          | \$ 177,226.50 |
| Eligible Preconstruction                                                   |           |                                    |          |      |            |               |              |               |
|                                                                            |           |                                    |          |      |            | \$ -          | 60%          | \$ -          |
|                                                                            |           |                                    |          |      |            | \$ 308,803.75 | 60%          | \$ 185,282.25 |
|                                                                            |           |                                    |          |      |            | \$ 308,803.75 | 60%          | \$ 185,282.25 |
| Ineligible Preconstruction Costs                                           |           |                                    |          |      |            |               |              |               |
| 37                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 38                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 39                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 40                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
|                                                                            | 0.0%      | Preconstruction Ineligible Total   |          |      |            | \$ -          | 0%           | \$ -          |
| Ineligible Construction Costs                                              |           |                                    |          |      |            |               |              |               |
| 41                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 42                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 43                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
| 44                                                                         | 0.0%      |                                    | 0        |      | -          | \$ -          | 0%           | \$ -          |
|                                                                            | 0.0%      | Construction Ineligible Total      |          |      |            | \$ -          | 0%           | \$ -          |
| Ineligible Total                                                           |           |                                    |          |      |            |               |              |               |
|                                                                            |           |                                    |          |      |            | \$ -          | 0%           | \$ -          |
| 100.0%                                                                     |           | Project Total                      |          |      |            | \$ 308,803.75 |              |               |
| Federal or State Funds That Supplant Costs                                 |           |                                    |          |      |            |               |              |               |
|                                                                            |           |                                    |          |      |            | \$ -          |              |               |
|                                                                            |           |                                    |          |      |            | \$ 308,803.75 | 60%          | \$ 185,282.25 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.





Figure 2. North Star Dam



Figure 3. North Star Dam spillway

June 8, 2026

Reice Haase  
 Director,  
 North Dakota Department of Water Resources,  
 1200 Memorial Highway,  
 Bismarck, ND 58504-5262

**Subject:** North Star Dam Removal Project – Construction Funding Cost Share Request  
 Burke County, ND

Dear Mr. Haase,

The Burke County Water Resource Board (Board) has been working on NorthStar Dam Removal (Project) with cost share assistance from the ND Department of Water Resources (Department) under SWC Project Number 2215 (January 2024). On May 20, 2026, the DWR approved a cost share request in the amount of \$13,260 to complete cultural resources mitigation efforts required under the law. The cultural resource mitigation work is scheduled to be completed on schedule.

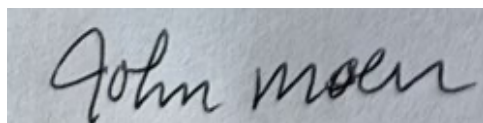
The Project was issued to bid in May 2026. Public bid opening meeting took place on June 4, 2026. The Board received five (5) qualified bids. The Board reviewed information submitted by the bidders and decided to engage into contract negotiations with C3 Energy Partners; the apparent lowest bidder amongst the five bids received. Along with the construction cost, we are also requesting 10% construction contingency and 5% construction engineering support. The breakdown is shown below:

| Item                                      | Cost (\$)    |
|-------------------------------------------|--------------|
| <b>Estimated Construction Cost</b>        | \$268,525.00 |
| <b>Add 10% Construction Contingency</b>   | \$26,852.50  |
| <b>Add 5% Construction Engineering</b>    | \$13,426.25  |
| <b>Estimated Total</b>                    | \$308,803.75 |
| <b>DWR Cost Share (Construction, 60%)</b> | \$185,282.25 |
| <b>Local Share (40%)</b>                  | \$123,521.50 |

The proposed construction cost for NorthStar Dam Removal, including 10% construction contingency and 5% construction engineering support estimated to be \$308,803.75. With this construction funding cost share request, the Board would respectfully like to request 60% in eligible cost share assistance from the DWR for \$185,282.25.

If you have any questions, please feel free to contact me at 701-240-1775.

Sincerely,



John Moen  
 Chairman,  
 BURKE COUNTY WATER RESOURCE BOARD

Burke County Water Board Meeting  
June 8, 2026

Present: Chairman John Moen, Board Members: Shannon Holter and Jordan Hawbaker  
Others Present: Mandar N. (Barr Engineering Co.), Jon Lennander (Barr Engineering Co.)

Meeting Called to by John Moen

NorthStar Dam Removal – Burke County Water Resource Board (Board) discussed NorthStar Dam Removal Project. Public bid opening for NorthStar Dam Removal Project took place on June 4, 2026. The Board received 5 qualified bids. Barr Engineering Co. (Barr) reviewed the bid documents for all bidders and informed that the bidders meet minimum qualifications outlined in the Project Manual. Following is the breakdown of bids received:

| Contractor Name                    | Base Bid Total (\$) |
|------------------------------------|---------------------|
| <b>C3 Energy Partners</b>          | \$268,525.00        |
| <b>Hanson's Excavating Inc.</b>    | \$531,025.00        |
| <b>Park Construction Company</b>   | \$541,320.00        |
| <b>Bluestone Construction Inc.</b> | \$632,250.00        |
| <b>Farden Construction, Inc.</b>   | \$1,123,456.78      |

The Board made a motion to notify C3 Energy Partners, as the apparent lowest bidder, to begin contract negotiations. Motion was made by Jordan Hawbaker. Seconded by Shannon Holter. Motion carried.

The Board made a motion to submit a cost share request to the Department of Water Resources requesting construction funding at 60% cost share. In the request, the Board will also include 10% towards construction contingency and 5% towards construction engineering. Following is the breakdown as shown:

| Item                                      | Cost (\$)    |
|-------------------------------------------|--------------|
| <b>Estimated Construction Cost</b>        | \$268,525.00 |
| <b>Add 10% Construction Contingency</b>   | \$26,852.50  |
| <b>Add 5% Construction Engineering</b>    | \$13,426.25  |
| <b>Estimated Total</b>                    | \$308,803.75 |
| <b>DWR Cost Share (Construction, 60%)</b> | \$185,282.25 |
| <b>Local Share (40%)</b>                  | \$123,521.50 |

Motion was made by Jordan Hawbaker. Seconded by Shannon Holter. Motion carried.

Meeting Adjourned

Belinda Moen Sec./Treas.



# 1088318 - MM 10R Irrigation Project

## Application Details

---

|                                      |                                                      |
|--------------------------------------|------------------------------------------------------|
| <b>Funding Opportunity:</b>          | 1088301-July 2026 - June 2027 Infrastructure Request |
| <b>Funding Opportunity Due Date:</b> | Jun 30, 2027 3:00 PM                                 |
| <b>Program Area:</b>                 | Funding for Infrastructure in ND - FIND              |
| <b>Status:</b>                       | Submitted                                            |
| <b>Stage:</b>                        | Final Application                                    |
| <b>Initial Submit Date:</b>          | Jun 23, 2026 3:17 PM                                 |
| <b>Initially Submitted By:</b>       | Ryan Anderson                                        |
| <b>Last Submit Date:</b>             | Jun 23, 2026 4:24 PM                                 |
| <b>Last Submitted By:</b>            | Ryan Anderson                                        |

## Contact Information

---

### Primary Contact Information

|                      |                                                              |
|----------------------|--------------------------------------------------------------|
| <b>Active User*:</b> | Yes                                                          |
| <b>Type:</b>         | External User                                                |
| <b>Name:</b>         | Salutation Ryan Middle Name Anderson<br>First Name Last Name |
| <b>Title:</b>        | Engineer                                                     |
| <b>Email*:</b>       | ryana@gdcd.org                                               |
| <b>Address*:</b>     | PO Box 140                                                   |

|                |                                            |
|----------------|--------------------------------------------|
|                | Carrington North Dakota 58421              |
|                | City State/Province Postal Code/Zip        |
| <b>Phone*:</b> | 701-650-6001 Ext.<br>Phone<br>###-###-#### |
| <b>Fax:</b>    | ###-###-####                               |

**Comments:**

## Organization Information

**Status\*:** Approved  
**Name\*:** Garrison Diversion Conservancy District  
**Organization Type\*:** Political Subdivision  
**Tax Id:** 456004929  
**Organization Website:** http://www.garrisondiv.org  
**Address\*:** 401 Hwy 281 NE

Carrington North Dakota 58421-0140  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 650-6194 Ext.  
###-###-####  
**Fax:** (701) 652-3195  
###-###-####

**Vendor ID:**  
**PeopleSoft Supplier ID:**  
**Comments:**  
**Location Code:**  
**SAM UEI #:** 176141000  
**SAM Validation:**  
**SAM Expiration Date:**  
**SAM Exclusion Flag:**  
**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** MM 10R Irrigation Project  
**Sponsor(s)\*:** Garrison Diversion Conservancy District  
**County\*:** Foster  
**City\*:** Carrington  
**Description of Request\*:** New  
**Project Type:** Irrigation  
**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

Garrison Diversion Conservancy District, Bureau of Reclamation

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

An irrigation project has been selected by Garrison Diversion. The project will service approximately 214 acres for multiple irrigators. Garrison Diversion is requesting 75% cost share funding, not to exceed \$266,568 for costs associated with the construction of the project. In addition to the cost for constructing the on-farm portion (pivots, pipe lines and power supply to the pivots) of an irrigation project the irrigators also have costs for constructing the off-farm portions (pump site, power to the pump site, main water transmission line). All these costs can make funding the construction of an irrigation project not feasible for irrigators.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

With the aid of the 75% cost sharing, it reduces the cost of an irrigation project making the projects more affordable to construct.

**Describe the Objectives or Goals Specific to This Application\*:**

To continue to develop and promote new irrigation projects within the State of North Dakota.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of work associated with this project would be to construct the off-farm portion of the selected irrigation project.

For this project,

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |   |
|---------------------------------------------------|---|
| <b>What is the Current Estimated Population*:</b> | 3 |
|---------------------------------------------------|---|

For this project,

|                                           |   |
|-------------------------------------------|---|
| <b>What is the Benefited Population*:</b> | 3 |
|-------------------------------------------|---|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed*:</b> | N/A |
|------------------------------------------------|-----|

|                                               |     |
|-----------------------------------------------|-----|
| <b>Have Land or Easements Been Acquired*:</b> | N/A |
|-----------------------------------------------|-----|

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

No

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

N/A

**Have You Applied for any State Permits?\***

N/A

**Have You Applied for any Local Permits?\***

N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*,

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***

N/A

**Design Completion\***

6/20/26

**Bid\***

9/1/2026

**Construction Start\***

10/1/2026

**Construction Completion\***

5/1/2027

### Explain Additional Timeline

#### Issues\*

Construction completion is anticipated to be completion would be preferred to be completed in 2026 so that the irrigation system is operating for the 2027 irrigation season, however, fall and winter weather conditions will determine completion date.

**Consulting Engineer\***

AE2S

**Engineer Direct Phone Number\***

701-221-0530

**Engineer Email\***

Jesse.Kist@AE2S.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

|                                                                                                                                 |                                     |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <b>Authorized Individual*:</b>                                                                                                  | Ryan Anderson 06/23/2026            |
|                                                                                                                                 | First Name Last Name Date           |
| <b>Title/Position/Authority*:</b>                                                                                               | Engineer                            |
| <b>Address*:</b>                                                                                                                | PO Box 140                          |
|                                                                                                                                 | Address Line 1                      |
|                                                                                                                                 | Address Line 2                      |
|                                                                                                                                 | Carrington North Dakota 58421-_____ |
|                                                                                                                                 | City State Zip Code                 |
| <b>Direct Phone Number*:</b>                                                                                                    | 701-652-3194                        |
| <b>Sponsor Email*:</b>                                                                                                          | ryana@gdcd.org                      |
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b>                                                               | Yes                                 |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Jay Anderson                        |
|                                                                                                                                 | First Name Last Name                |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Chairman of the board               |
| <b>Authorized Signor Email:</b>                                                                                                 | janderson61@gmail.com               |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-652-3194                        |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | First Name Last Name                |



**Additional Board Member****Title/Position:****Additional Board Member Email:****Additional Board Member Direct****Phone Number:**

## Documentation

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***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** MM 10R Project Location and Layout.pdf  
Must Include Project Location in State  
Using an Inset Map and  
Distance/Direction to Nearest  
Community  
\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** Yes

**Engineer's Estimate of Probable Cost** MM 10R cost estimate.xlsx  
Separate Project Components by  
Type (Storm Sewer, Sanitary Sewer  
and Associated Roads, Drinking  
Water and Associated Roads, and  
Roads)  
:

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** Resolution SWC Construction Cost-share Application MM 10R.pdf

**Cover Letter:** MM 10R - Construction Cost Share Request Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost - MM 10R Construction.xlsx

|                                                                                                                                                                                   |                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Type of Request:                                                                                                                                                                  | Construction                                  |
| Signed Plans and Specifications For Bidding:                                                                                                                                      | MM 10R plans and specs.pdf                    |
| Is This a Water Supply Project?:                                                                                                                                                  | No                                            |
| Is This a Rural Flood Control Project?:                                                                                                                                           | No                                            |
| Is This a Drain Reconstruction Project?:                                                                                                                                          | No                                            |
| Is This a Flood Recovery Property Acquisition Project?:                                                                                                                           | No                                            |
| If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?: | No                                            |
| Sovereign Land Permit, if Required for Construction Request:                                                                                                                      |                                               |
| DWR Construction Permit, if Required for Construction Request:                                                                                                                    |                                               |
| Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:                                                                                                 |                                               |
| Has a Feasibility/Engineering Study Been Completed for the Project?:                                                                                                              | No                                            |
| Photos of Problem/Issue:                                                                                                                                                          |                                               |
| GIS Files:                                                                                                                                                                        | Please Compress All Files Into One .zip File. |
| Other Applicable Document(s):                                                                                                                                                     |                                               |

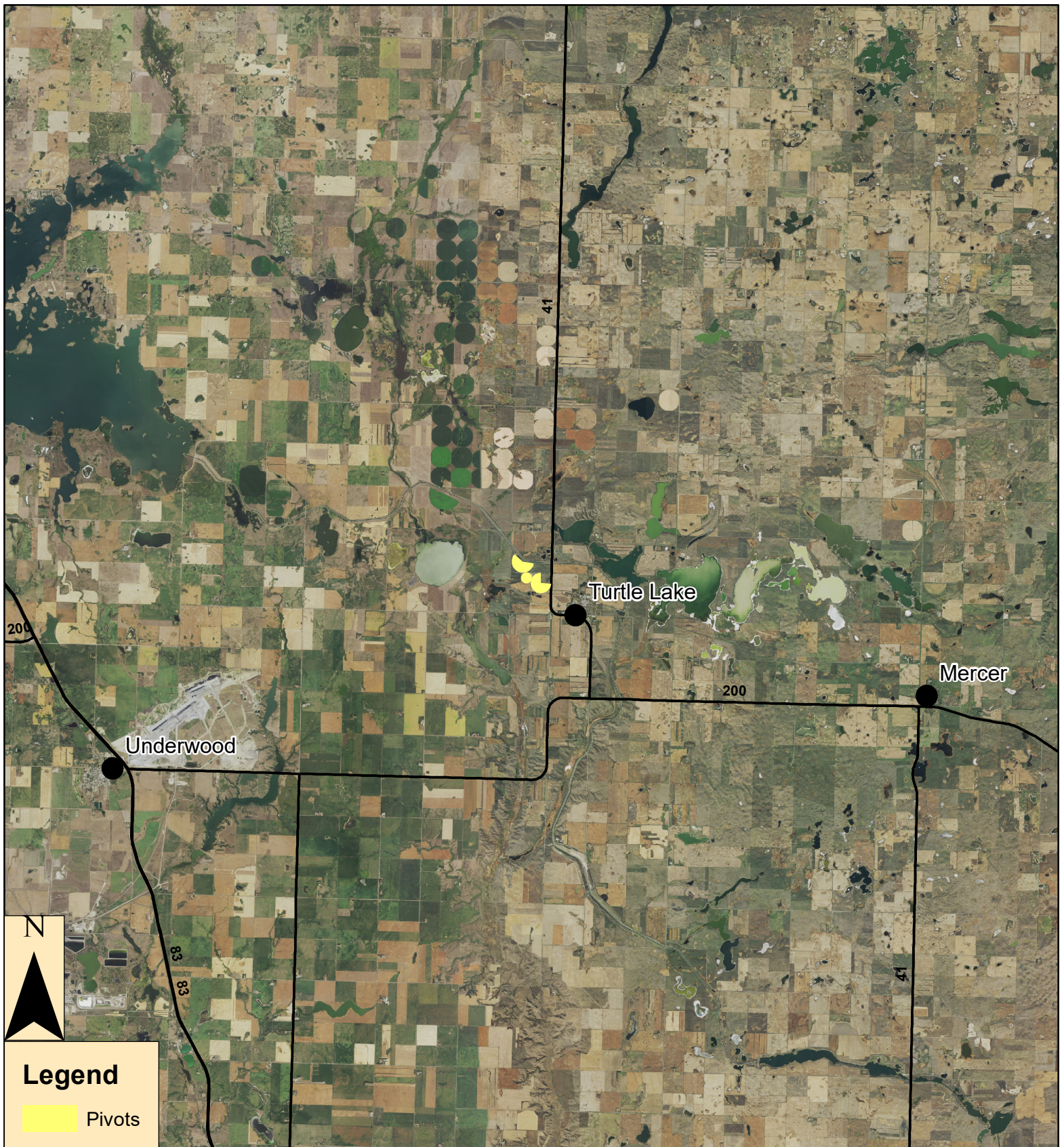
## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

| Source | If Other, Specify Funding Source | Source Status | State Fiscal                        |                        |                            | Total Cost   | Type | Term | Interest Rate |
|--------|----------------------------------|---------------|-------------------------------------|------------------------|----------------------------|--------------|------|------|---------------|
|        |                                  |               | State Fiscal Year 1<br>July to June | Year 2<br>July to June | Beyond Current<br>Biennium |              |      |      |               |
|        |                                  |               | \$355,425.00                        | \$0.00                 | \$0.00                     | \$355,425.00 |      |      |               |

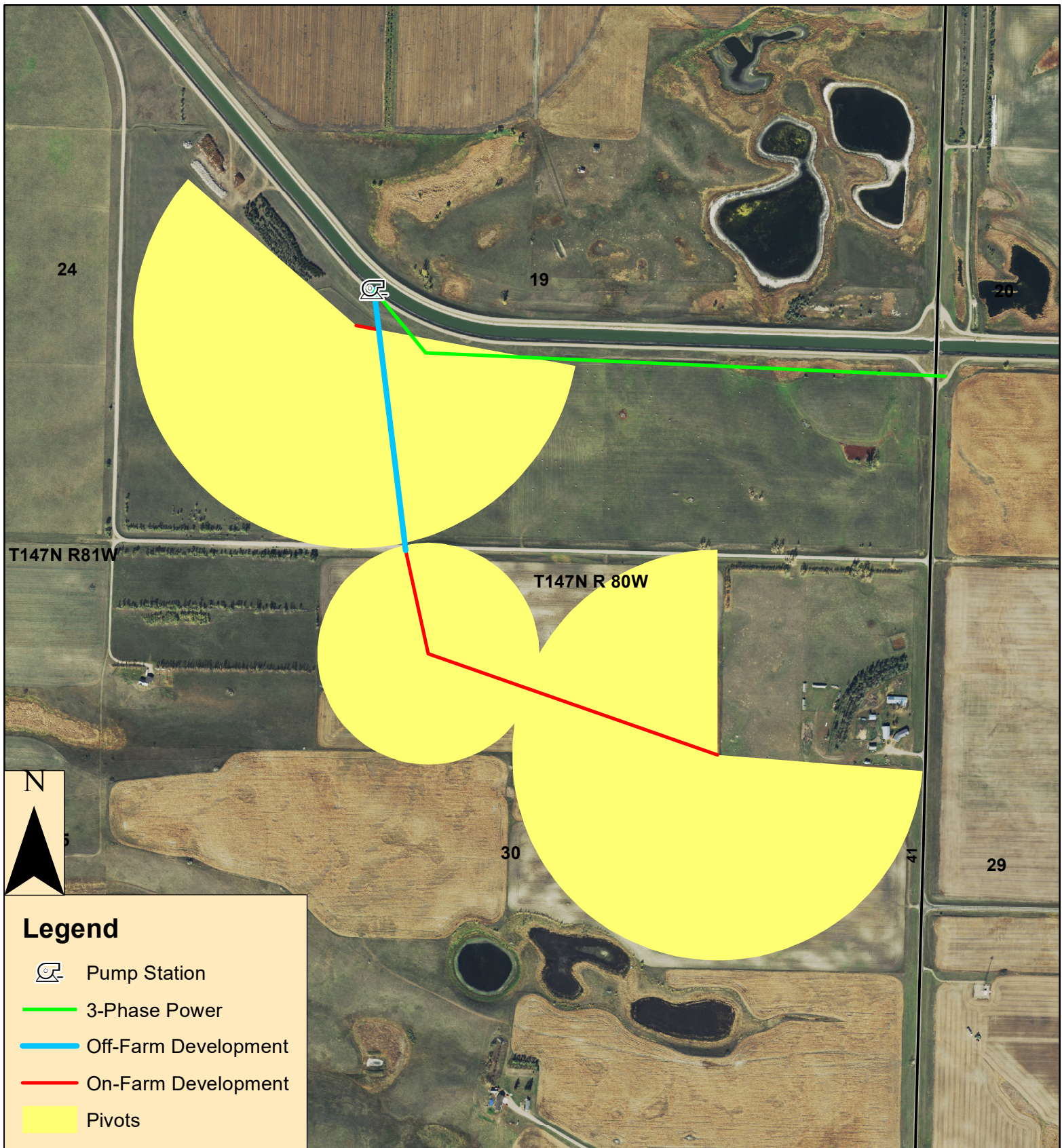
| Source                                                         | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status | State Fiscal                         |                                         |                               | Total Cost              | Type  | Term  | Interest<br>Rate |
|----------------------------------------------------------------|-------------------------------------------|------------------|--------------------------------------|-----------------------------------------|-------------------------------|-------------------------|-------|-------|------------------|
|                                                                |                                           |                  | Year 1<br>July to June               | Year 2<br>July to<br>June               | Beyond<br>Current<br>Biennium |                         |       |       |                  |
| Department of<br>Water Resources<br>Cost Share<br>Construction |                                           |                  | <del>\$266,569.00</del><br>\$253,729 | <del>\$0.00</del><br>cost-share request | <del>\$0.00</del>             | <del>\$266,569.00</del> | Grant | 0.00  | 0.00             |
| BND Infrastructure<br>Revolving Loan<br>Fund                   |                                           |                  | \$88,856.00                          | \$0.00                                  | \$0.00                        | \$88,856.00             | Loan  | 20.00 | 2.00             |
|                                                                |                                           |                  | \$355,425.00                         | \$0.00                                  | \$0.00                        | \$355,425.00            |       |       |                  |





# MM 10R Project Location





# MM 10R Project Layout

DWR Date Received : June 25, 2026

## PRE- BID ESTIMATE

|                   |                                         |
|-------------------|-----------------------------------------|
| <b>Date :</b>     | 6/25/26                                 |
| <b>Project :</b>  | MM 10R Irrigation Project               |
| <b>Sponsor :</b>  | Garrison Diversion Conservancy District |
| <b>Contact :</b>  | Ryan Anderson, Engineer                 |
| <b>Phone :</b>    | 701-650-6001                            |
| <b>Engineer :</b> | Ryan Anderson, Engineer                 |
| <b>Phone :</b>    | 701-650-6001                            |

|                         |                      |                           |                      |
|-------------------------|----------------------|---------------------------|----------------------|
| <b>Total Cost:</b>      | <b>\$ 363,305.00</b> | <b>Total Cost-Share*:</b> | <b>\$ 272,478.75</b> |
| <b>Ineligible Cost:</b> | <b>\$ -</b>          | <b>Other Eligible:</b>    | <b>\$ -</b>          |
| <b>Eligible Cost:</b>   | <b>\$ 363,305.00</b> | <b>Preconstruction:</b>   | <b>\$ 18,750.00</b>  |
| <b>Local Cost:</b>      | <b>\$ 90,826.25</b>  | <b>Construction:</b>      | <b>\$ 253,728.75</b> |

| Project Type:         | Cost-share % |
|-----------------------|--------------|
| Irrigation - Off Farm | 75%          |

|      |           | Cost Classification                                                  | Quantity | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|------|-----------|----------------------------------------------------------------------|----------|------|------------|-------|--------------|---------------|
| Item | % of Cost | BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs |          |      |            |       |              |               |
| 1    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 75%          | \$ -          |
| 2    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 75%          | \$ -          |
| 3    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 75%          | \$ -          |
| 4    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 75%          | \$ -          |
| 5    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 75%          | \$ -          |
|      | 0.0%      | Other Eligible Total                                                 |          |      |            | \$ -  | 75%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |      |                       |   |           |              |     |              |
|----------------------------------------------------------------------------|------|-----------------------|---|-----------|--------------|-----|--------------|
| 6                                                                          | 6.9% | Final Design          | 1 | 25,000.00 | \$ 25,000.00 | 75% | \$ 18,750.00 |
| 7                                                                          | 0.0% |                       | 0 | -         | \$ -         | 75% | \$ -         |
| 8                                                                          | 0.0% |                       | 0 | -         | \$ -         | 75% | \$ -         |
| 9                                                                          | 0.0% |                       | 0 | -         | \$ -         | 75% | \$ -         |
| 10                                                                         | 0.0% |                       | 0 | -         | \$ -         | 75% | \$ -         |
|                                                                            | 6.9% | Preconstruction Total |   |           | \$ 25,000.00 | 75% | \$ 18,750.00 |

Preconstruction  
previously  
approved.

| Construction Engineering Costs |      |                                |   |   |      |     |      |
|--------------------------------|------|--------------------------------|---|---|------|-----|------|
| 11                             | 0.0% |                                | 0 | - | \$ - | 75% | \$ - |
| 12                             | 0.0% |                                | 0 | - | \$ - | 75% | \$ - |
| 13                             | 0.0% |                                | 0 | - | \$ - | 75% | \$ - |
| 14                             | 0.0% |                                | 0 | - | \$ - | 75% | \$ - |
|                                | 0.0% | Construction Engineering Total |   |   | \$ - | 75% | \$ - |

|       |       | Construction Costs                    |      |    |           |               |     |               |
|-------|-------|---------------------------------------|------|----|-----------|---------------|-----|---------------|
| 15    | 1.7%  | Mobilization                          | 1    | LS | 6,000.00  | \$ 6,000.00   | 75% | \$ 4,500.00   |
| 16    | 0.8%  | Bonding                               | 1    | LS | 3,000.00  | \$ 3,000.00   | 75% | \$ 2,250.00   |
| 17    | 0.0%  | Insurance                             | 0    |    | -         | \$ -          | 75% | \$ -          |
| 18    | 0.1%  | Erosion Control                       | 1    | LS | 500.00    | \$ 500.00     | 75% | \$ 375.00     |
| 19    | 0.1%  | Traffic Control                       | 1    | LS | 500.00    | \$ 500.00     | 75% | \$ 375.00     |
| 20    | 4.1%  | Water Main 15 in Steel                | 75   | LF | 200.00    | \$ 15,000.00  | 75% | \$ 11,250.00  |
| 21    | 1.6%  | Water Main 15 in PVC                  | 130  | LF | 45.00     | \$ 5,850.00   | 75% | \$ 4,387.50   |
| 22    | 15.4% | Water Main 10 in PVC                  | 1600 | LF | 35.00     | \$ 56,000.00  | 75% | \$ 42,000.00  |
| 23    | 3.3%  | Fittings                              | 1    | LS | 12,000.00 | \$ 12,000.00  | 75% | \$ 9,000.00   |
| 24    | 5.6%  | Pipeline Appurtenances                | 1    | LS | 20,200.00 | \$ 20,200.00  | 75% | \$ 15,150.00  |
| 25    | 0.3%  | Earthwork                             | 1    | LS | 1,000.00  | \$ 1,000.00   | 75% | \$ 750.00     |
| 26    | 20.6% | Pump Station                          | 1    | LS | 75,000.00 | \$ 75,000.00  | 75% | \$ 56,250.00  |
| 27    | 17.2% | Electrical                            | 1    | LS | 62,500.00 | \$ 62,500.00  | 75% | \$ 46,875.00  |
| 28    | 13.8% | Transmission Lines                    | 1    | LS | 50,000.00 | \$ 50,000.00  | 75% | \$ 37,500.00  |
| 29    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 30    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 31    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 32    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 33    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 34    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 35    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
| 36    | 0.0%  |                                       | 0    |    | -         | \$ -          | 75% | \$ -          |
|       |       | <b>Construction Sub-Total</b>         |      |    |           | \$ 307,550.00 | 75% | \$ 230,662.50 |
| 8.5%  |       | <b>Allowable Contingency (10%)</b>    |      |    |           | \$ 30,755.00  | 75% | \$ 23,066.25  |
| 0.0%  |       | <b>Elective Contingency Reduction</b> | 0    |    | -         | \$ -          | 75% | \$ -          |
| 93.1% |       | <b>Construction Total</b>             |      |    |           | \$ 338,305.00 | 75% | \$ 253,728.75 |

|                          |                      |            |                      |
|--------------------------|----------------------|------------|----------------------|
| Eligible Preconstruction | \$ 25,000.00         | 75%        | \$ 18,750.00         |
| Eligible Construction    | \$ 338,305.00        | 75%        | \$ 253,728.75        |
| <b>Eligible Total</b>    | <b>\$ 363,305.00</b> | <b>75%</b> | <b>\$ 272,478.75</b> |

|      |                                  | Ineligible Preconstruction Costs |   |  |   |      |    |      |
|------|----------------------------------|----------------------------------|---|--|---|------|----|------|
| 37   | 0.0%                             |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 38   | 0.0%                             |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 39   | 0.0%                             |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 40   | 0.0%                             |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 0.0% | Preconstruction Ineligible Total |                                  |   |  |   | \$ - | 0% | \$ - |

|    |      | Ineligible Construction Costs |   |  |   |      |    |      |
|----|------|-------------------------------|---|--|---|------|----|------|
| 41 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 42 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 43 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 44 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
|    | 0.0% | Construction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

|        |                                            |               |     |               |
|--------|--------------------------------------------|---------------|-----|---------------|
| 100.0% | Ineligible Total                           | \$ -          | 0%  | \$ -          |
|        | Project Total                              | \$ 363,305.00 |     |               |
|        | Federal or State Funds That Supplant Costs | \$ -          |     |               |
|        | Eligible Cost Total                        | \$ 363,305.00 | 75% | \$ 272,478.75 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



## RESOLUTION

**WHEREAS**, the Garrison Diversion Conservancy District (Garrison Diversion) is committed to completing an irrigation project (MM 10R) to benefit approximately 214 acres of irrigation in North Dakota; and

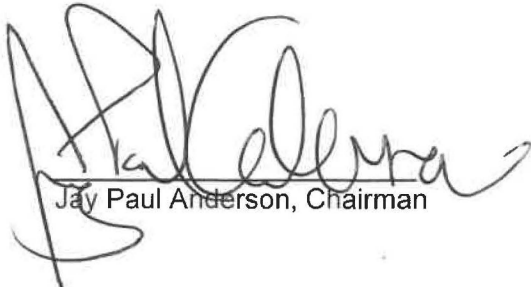
**WHEREAS**, the Department of Water Resources and State Water Commission provide funding opportunities to support water resource projects aligning with state and regional water management goals; and

**WHEREAS**, the Garrison Diversion Board of Directors has reviewed the SWC Application,

**NOW, THEREFORE, BE IT RESOLVED** by the Garrison Diversion Board of Directors as follows:

1. **Approval of Application:** The Board of Directors hereby approves the submittal of the construction cost-share application for the irrigation project (MM 10R) to the Department of Water Resources and State Water Commission.
2. **Authorization to Submit:** The General Manager, or his designee, is hereby authorized and directed to submit the application on behalf of Garrison Diversion and to take the necessary actions to complete the application process.
3. **Effective Date:** This resolution shall take effect immediately upon its adoption.

**PASSED AND ADOPTED** by the Executive Committee of Garrison Diversion Board of Directors on this 18<sup>th</sup> day of June 2026.



Jay Paul Anderson, Chairman



Duane DeKrey, Secretary



**Garrison Diversion Conservancy District**

PO Box 140, Carrington, ND 58421 | (701) 652-3194 | [gdcdd@gdcdd.org](mailto:gdcdd@gdcdd.org) | [www.garrisondiversion.com](http://www.garrisondiversion.com)

June 23, 2026

John Paczkowski, PE  
State Engineer  
ND State Water Commission  
900 East Boulevard Avenue  
Bismarck, ND 58505

Dear Mr. Paczkowski:

The Dakota Water Resources Act of 2000 authorizes approximately 24,000 acres of irrigation along the McClusky Canal. Garrison Diversion has been canvassing the area for potential irrigation projects and, at this time, has selected to develop the MM 10R Irrigation Project, which will encompass approximately 214 irrigable acres.

The total cost of project construction is estimated at \$355,425. Garrison Diversion respectfully requests 75% cost-share funding not to exceed \$266,568 for development of final design plans and specifications.

According to a report developed by the North Dakota State University titled, *A Reevaluation of Garrison Diversion Unit Irrigation*, development of the 24,000 designated acres will create up to 403 new jobs in the region and increase business activity by \$7 to \$10 million annually in 1991 dollars. This demonstrates the value to the state to complete this project.

Sincerely,

A handwritten signature in black ink, appearing to read "Duane DeKrey", with a long, sweeping horizontal line extending to the right.

Duane DeKrey  
General Manager



# 1088402 - Fort Ransom Dam Rehabilitation

## Application Details

---

**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jul 2, 2026 2:58 PM  
**Initially Submitted By:** Heather Edison  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Heather Middle Name Edison  
First Name Last Name  
**Title:**  
**Email\*:** rcwrd@drtel.net  
**Address\*:** PO Box 388

Lisbon North Dakota 58054  
City State/Province Postal Code/Zip  
**Phone\*:** 701-680-3724 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####

**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** Ransom County Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-0345371

**Organization Website:**

**Address\*:** PO Box 388

**Phone\*:** Lisbon North Dakota 58054-0000  
City State/Province Postal Code/Zip  
701-683-5920 Ext.  
###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:** 0000001667

**Comments:**

**Location Code:** ALL-ACH

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** Fort Ransom Dam Rehabilitation

**Sponsor(s)\*:** Ransom County Water Resource District

**County\*:** Ransom

**City\*:** Fort Ransom

**Description of Request\*:** New

**Project Type:** DAM Safety/EAP

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

Ransom County Water Resource District

City of Fort Ransom

Fort Ransom Sportsman Club

Ransom County Historical Society

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The Fort Ransom Dam is a low head dam originally built in 1881 and reconstructed in 1954. It is a vertical wall dam that has a hydraulic roller effect. Several individuals have lost their lives due to this hazard and this structure is on the DWR's high priority list for correction. The RCWRD undertook this project as the local sponsor to facilitate mitigating this hazard.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

With the assistance of DWR cost share alternatives to addressing the low head dam hazard were considered. Removal of the dam was not chosen due to local opposition. The concrete dam itself is in good condition therefore it was decided the most cost-effective solution was to install a downstream riprap spillway to mitigate the roller effect. A design was completed (plans and specifications).

**Describe the Objectives or Goals Specific to This Application\*:**

The goal of this project is to eliminate the hazardous roller effect of the Fort Ransom Dam.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of this project is to place fill and riprap downstream of the existing concrete dam to mitigate the roller effect of the dam.

**For this project,**

**Choose City, County, Water District or Other\*:** Water District

**What is the Current Estimated Population?\*** 0

**For this project,**

**What is the Benefited Population?\*** 0

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** Yes

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

No

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

US Army Corp of Engineers permit has been obtained. This project is covered under NWP 27.

**Have You Been approved for any Federal Permits?:**

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

US Army Corp of Engineers permit has been obtained. This project is covered under NWP 27.

**Have You Applied for any State Permits?\***

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

The following permit applications have been submitted:

Flood Plain Development

No Rise Certificate

Construction Permit

Water Appropriations Permit

**Have You Been Approved for any State Permits?:**

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

All permits have been obtained except the water appropriations permit which is pending.

**Have You Applied for any Local Permits?\***

N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?**

No

**\*:**

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 4/1/26

**Design Completion\*:** 4/1/26

**Bid\*:** 8/5/26

**Construction Start\*:** 10/5/26

**Construction Completion\*:** 12/12/26

**Explain Additional Timeline Issues\*:**

Fall weather is the primary concern.

**Consulting Engineer\*:** Interstate Engineering

**Engineer Direct Phone Number\*:** 701-642-5521

**Engineer Email\*:** mike.bassingthwaite@interstateeng.com

### ***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Heather Edison 07/02/2026  
First Name Last Name Date

**Title/Position/Authority\*:** Office Manager

**Address\*:** 6757 130th Ave SE  
Address Line 1

Address Line 2

Lisbon North Dakota 58054-0000

City State Zip Code

**Direct Phone Number\*:** 701-683-5920

**Sponsor Email\*:** rcwrd@drtel.net

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:** Heather Edison  
First Name Last Name

**Authorized Signor Title/Position:** Office Manager

**Authorized Signor Email:** rcwrd@drtel.net

**Authorized Signor Direct Phone Number:** 701-683-5920

**Provide the Name for One Additional Board Member, if Applicable:** Scott Olerud  
First Name Last Name

**Additional Board Member Title/Position:** Chairman

**Additional Board Member Email:** scottolerud@gmail.com

**Additional Board Member Direct Phone Number:** 701-308-0101

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** LocMap.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:



**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** minute\_20260702\_0001.pdf

**Cover Letter:** RCWRD\_acknowledgment\_letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:**

No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** Fort\_Ramson\_Dam\_sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** Fort Ransom Dam Rehabilitation - ER23-00-066.pdf

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

Has a Feasibility/Engineering Study Been Completed for the Project?: No

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: SovereignLandsMap.pdf

Other Applicable Document:

Other Applicable Document:

Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

| Source                                                | If Other, Specify Funding Source | Source Status   | State Fiscal                     |                     |                         | Total Cost   | Type  | Term | Interest Rate |
|-------------------------------------------------------|----------------------------------|-----------------|----------------------------------|---------------------|-------------------------|--------------|-------|------|---------------|
|                                                       |                                  |                 | State Fiscal Year 1 July to June | Year 2 July to June | Beyond Current Biennium |              |       |      |               |
| Department of Water Resources Cost Share Construction |                                  | Current Request | \$550,000.00                     | \$0.00              | \$0.00                  | \$550,000.00 | Grant | 0.00 | 0.00          |
|                                                       |                                  |                 | \$550,000.00                     | \$0.00              | \$0.00                  | \$550,000.00 |       |      |               |



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

**PRE-BID AMOUNTS**

DWR Date Received : July 03, 2026

|            |                                              |
|------------|----------------------------------------------|
| Date :     | 7/1/26                                       |
| Project :  | Fort Ransom Dam Rehabilitation Project       |
| Sponsor :  | Ransom County Water Resource District        |
| Contact :  | Heather Edison - Office Manager              |
| Phone :    | 701-680-3724                                 |
| Engineer : | Mike Bassingthwaite - Interstate Engineering |
| Phone :    | 701-642-5521                                 |

|                   |            |                     |            |
|-------------------|------------|---------------------|------------|
| Total Cost :      | \$ 625,000 | Total Cost-Share* : | \$ 468,750 |
| Ineligible Cost : | \$ -       | Other Eligible :    | \$ -       |
| Eligible Cost :   | \$ 625,000 | Preconstruction :   | \$ 56,250  |
| Local Cost :      | \$ 156,250 | Construction :      | \$ 412,500 |

|                                         |              |
|-----------------------------------------|--------------|
| Project Type:                           | Cost-share % |
| Dam - Low Head Roller Effect Mitigation | 75%          |

|                                                                             | Cost Classification | Quantity                    | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|-----------------------------------------------------------------------------|---------------------|-----------------------------|------|------------|-------|--------------|---------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b> |                     |                             |      |            |       |              |               |
| Item 1                                                                      | % of Cost 0.0%      | 0                           |      | -          | \$ -  | 75%          | \$ -          |
| 2                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 75%          | \$ -          |
| 3                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 75%          | \$ -          |
| 4                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 75%          | \$ -          |
| 5                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 75%          | \$ -          |
|                                                                             | 0.0%                |                             |      | -          | \$ -  | 75%          | \$ -          |
|                                                                             |                     | <b>Other Eligible Total</b> |      |            | \$ -  | 75%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |       |                       |   |    |           |              |     |              |
|----------------------------------------------------------------------------|-------|-----------------------|---|----|-----------|--------------|-----|--------------|
| 6                                                                          | 12.0% | Final Design          | 1 | LS | 75,000.00 | \$ 75,000.00 | 75% | \$ 56,250.00 |
| 7                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 75% | \$ -         |
| 8                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 75% | \$ -         |
| 9                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 75% | \$ -         |
| 10                                                                         | 0.0%  |                       | 0 |    | -         | \$ -         | 75% | \$ -         |
|                                                                            | 12.0% | Preconstruction Total |   |    |           | \$ 75,000.00 | 75% | \$ 56,250.00 |

Previously approved

| Construction Engineering Costs |      |                                |   |    |           |              |     |              |
|--------------------------------|------|--------------------------------|---|----|-----------|--------------|-----|--------------|
| 11                             | 1.6% | Construction Contract Mmgt.    | 1 | LS | 10,000.00 | \$ 10,000.00 | 75% | \$ 7,500.00  |
| 12                             | 5.6% | Construction Observation       | 1 | LS | 35,000.00 | \$ 35,000.00 | 75% | \$ 26,250.00 |
| 13                             | 0.8% | Construction Staking           | 1 | LS | 5,000.00  | \$ 5,000.00  | 75% | \$ 3,750.00  |
| 14                             | 0.0% |                                | 0 |    | -         | -            | 75% | \$ -         |
|                                | 8.0% | Construction Engineering Total |   |    |           | \$ 50,000    | 75% | \$ 37,500.00 |

| Construction Costs |       |                                |      |     |           |               |               |               |             |
|--------------------|-------|--------------------------------|------|-----|-----------|---------------|---------------|---------------|-------------|
| 15                 | 8.0%  | Mobilization                   | 1    | LS  | 50,000.00 | \$ 50,000.00  | 75%           | \$ 37,500.00  |             |
| 16                 | 0.5%  | Bonding                        | 1    | LS  | 3,000.00  | \$ 3,000.00   | 75%           | \$ 2,250.00   |             |
| 17                 | 0.3%  | Insurance                      | 1    | LS  | 2,000.00  | \$ 2,000.00   | 75%           | \$ 1,500.00   |             |
| 18                 | 1.2%  | Common Excavation              | 300  | CY  | 25.00     | \$ 7,500.00   | 75%           | \$ 5,625.00   |             |
| 19                 | 12.0% | Earthwork                      | 1    | LS  | 75,000.00 | \$ 75,000.00  | 75%           | \$ 56,250.00  |             |
| 20                 | 1.6%  | Erosion Control                | 1    | LS  | 10,000.00 | \$ 10,000.00  | 75%           | \$ 7,500.00   |             |
| 21                 | 24.3% | Rip-Rap                        | 1900 | TON | 80.00     | \$ 152,000.00 | 75%           | \$ 114,000.00 |             |
| 22                 | 13.8% | Rip-Rap                        | 574  | LF  | 150.00    | \$ 86,100.00  | 75%           | \$ 64,575.00  |             |
| 23                 | 0.5%  | Seeding                        | 1    | LS  | 3,000.00  | \$ 3,000.00   | 75%           | \$ 2,250.00   |             |
| 24                 | 1.6%  | Snagging and Clearing          | 1    | LS  | 10,000.00 | \$ 10,000.00  | 75%           | \$ 7,500.00   |             |
| 25                 | 0.8%  | Stripping Soil                 | 250  | CY  | 20.00     | \$ 5,000.00   | 75%           | \$ 3,750.00   |             |
| 26                 | 8.3%  | Other (specify)                | 1300 | SY  | 40.00     | \$ 52,000.00  | 75%           | \$ 39,000.00  |             |
| 27                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 28                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 29                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 30                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 31                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 32                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 33                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 34                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 35                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
| 36                 | 0.0%  |                                | 0    |     | -         | \$ -          | 75%           | \$ -          |             |
|                    |       | Construction Sub-Total         |      |     |           | \$ 455,600.00 | 75%           | \$ 341,700.00 |             |
| 7.3%               |       | Allowable Contingency (10%)    |      |     |           | \$ 45,560.00  | 75%           | \$ 34,170.00  |             |
| -0.2%              |       | Elective Contingency Reduction |      |     | -1        | 1,160.00      | \$ (1,160.00) | 75%           | \$ (870.00) |
| 80.0%              |       | Construction Total             |      |     |           | \$ 500,000.00 | 75%           | \$ 375,000.00 |             |

|                          |                      |            |                      |
|--------------------------|----------------------|------------|----------------------|
| Eligible Preconstruction | \$ 75,000.00         | 75%        | \$ 56,250.00         |
| Eligible Construction    | \$ 550,000.00        | 75%        | \$ 412,500.00        |
| <b>Eligible Total</b>    | <b>\$ 625,000.00</b> | <b>75%</b> | <b>\$ 468,750.00</b> |

|                                  |      |                                  |   |  |   |      |    |      |
|----------------------------------|------|----------------------------------|---|--|---|------|----|------|
| Ineligible Preconstruction Costs |      |                                  |   |  |   |      |    |      |
| 37                               | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 38                               | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 39                               | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 40                               | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
|                                  | 0.0% | Preconstruction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

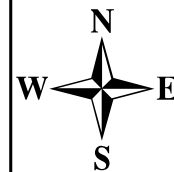
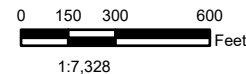
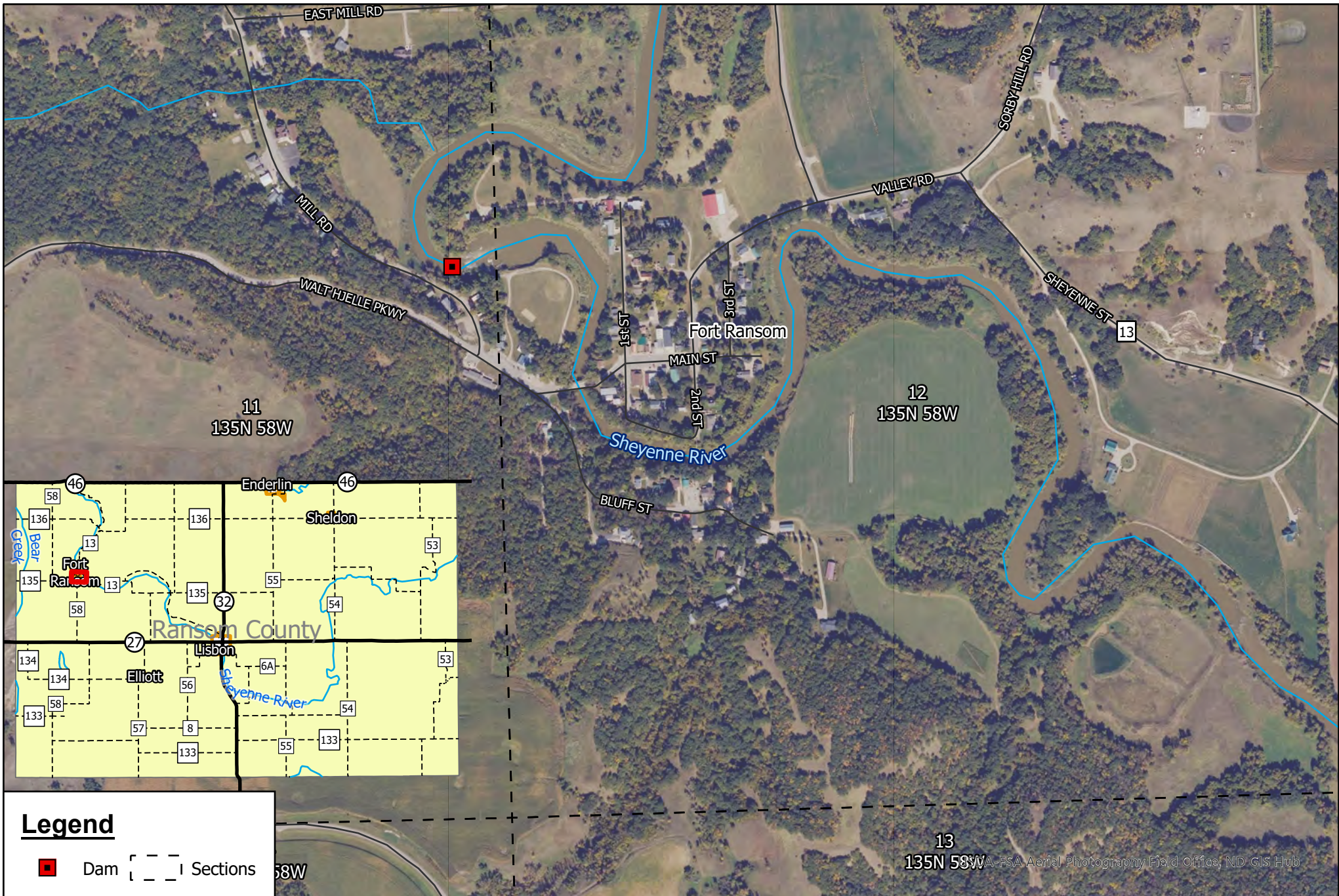
|                               |      |                               |   |  |   |      |    |      |
|-------------------------------|------|-------------------------------|---|--|---|------|----|------|
| Ineligible Construction Costs |      |                               |   |  |   |      |    |      |
| 41                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 42                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 43                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 44                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
|                               | 0.0% | Construction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

|        |                         |  |               |    |      |
|--------|-------------------------|--|---------------|----|------|
| 100.0% | <b>Ineligible Total</b> |  | \$ -          | 0% | \$ - |
|        | <b>Project Total</b>    |  | \$ 625,000.00 |    |      |

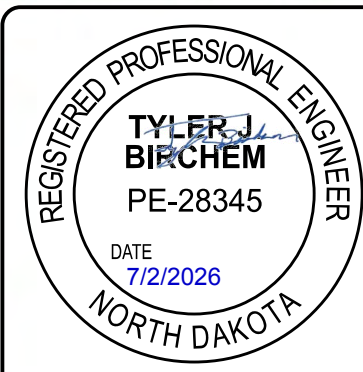
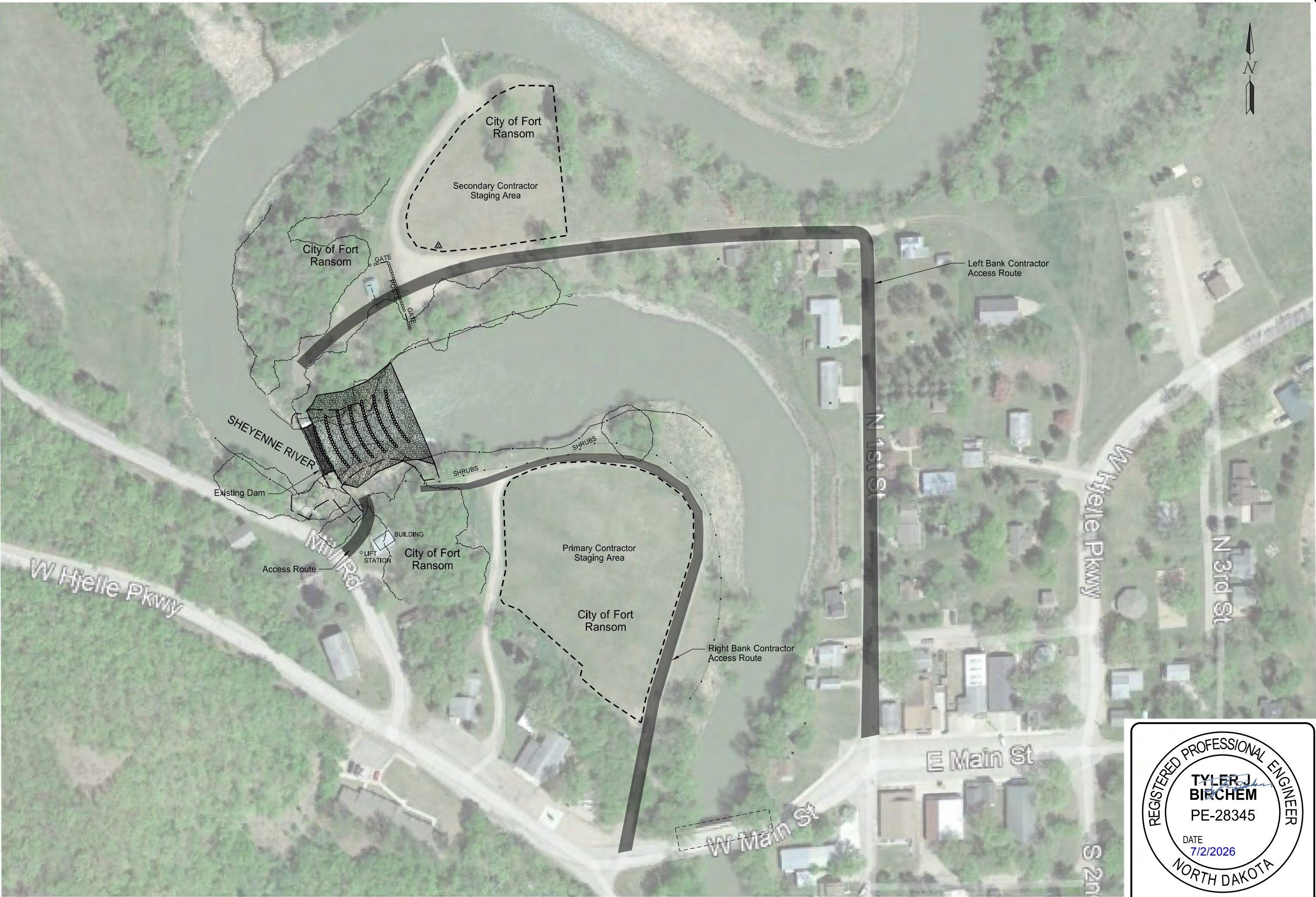
|                                            |    |            |     |               |
|--------------------------------------------|----|------------|-----|---------------|
| Federal or State Funds That Supplant Costs | \$ | -          |     |               |
| Eligible Cost Total                        | \$ | 625,000.00 | 75% | \$ 468,750.00 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.









Interstate Engineering  
1999 4th Street N., Suite A  
PO Box 667  
Wahpeton, ND 58075  
(701) 642.5521  
www.interstateeng.com



SECTION  
**G**  
**2**  
SHEET NO.

FORT RANSOM DAM REHABILITATION PROJECT  
RANSOM COUNTY WATER RESOURCE DISTRICT  
FORT RANSOM, NORTH DAKOTA

SCOPE OF WORK

DRAWN BY: AM MB  
SURVEYED BY: IEI TB  
PROJECT NO: ER2300066  
DATE: FEBRUARY, 2026

DESCRIPTION

BY

DATE

REV

NO



## **RANSOM COUNTY WATER RESOURCE DISTRICT**

**Dave Dahl, Water Manager**

**Ron Hartl, Water Manager, 400-7291**

**Scott Olerud, Chairman 308-0110**

**Heather Edison, Office Mgr., 680-3724**

**P.O. Box 388**

**Lisbon, ND 58054**

**Phone (701) 680-3724**

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June 26, 2026

Department of Water Resources

Attn: Planning and Education Division

1200 Memorial Highway

Bismarck, ND 58504-5262

RE: Fort Ransom Dam

Rehabilitation

Ransom County, ND

Dear Sir or Madame:

A Construction Cost Share Request with the associated documents for modifying the referenced dam has been submitted. This letter is to acknowledge that our office manager jointly with our engineer has submitted this request on our behalf.

If you have any questions, please do not hesitate to contact Heather with our office at 701-680-3724 or Interstate Engineering (Mike Bassingthwaite) 701-642-5521. We look forward to your response on funding this much needed project.

Sincerely,

Ransom County Water Resource District



Scott Olerud

Chairman

C: Interstate Engineering

## **RANSOM COUNTY WATER RESOURCE BOARD**

**January 9, 2026**

The Ransom County Water Resource District met on January 9 with Ron Hart, Dave Dahl and Scott Olerud present. Others present Greg Schwab and Mike Bassingthwaite. The meeting was called to order at 10:06 a.m. by Manager Olerud.

Mike was given the floor to give his findings on the Fort Ransom Dam. He presented some mapping and cost estimates. \$900,000 is the larger estimate to fix which would take care of all of the issues and the \$500,000 estimate would take care of the immediate issues not including bank stabilization. (Prior to cost share)

Reice Haase from DWR joined the meeting via technology at 10:13 a.m. Reice was given the floor to give more information on their low head dam initiative and what all it would entail. This may pay for an engineering and could remove if it is under a \$250,000 cost which is the bidding threshold their crew could remove at no cost to the water resource district. Discussion held. Removal of the Fort Ransom Dam is the preference of the state if we were to utilize this option. Any remediation caused by removing the dam would be considered in the engineering study. They would hope to get the engineering done in the next 9 months. Board is concerned about any potential liability during this time as this would prolong the project another year or so. The Board will discuss and get back to the DWR. Reice left the meeting at 10:31 a.m. Further discussion held. All options discussed. Ron made a motion to proceed with the \$500,000 estimated project that Mike provided, 2<sup>nd</sup> by Dave. Roll call vote taken all in favor motion carried. Mike will come back with permit applications and the next steps. Mike will notify the DWR of our decision.

Nothing to report on the Pavilion.

Mike left the meeting at 11:07 a.m.

Minutes from the December meeting were read. Dave made a motion 2<sup>nd</sup> by Ron to approve the minutes. Motion carried.

Dave made a motion 2<sup>nd</sup> by Ron to approve the bills. Upon roll call vote the motion carried.

The following bills were presented:

**Cass County Electric \$428.42**

**SE Water \$239.87**

**US Forest Service \$94**

**Elan Financial \$216.02**

Financials were presented. Ron made a motion 2<sup>nd</sup> by Dave to approve, upon roll call motion carried.



# 1086375 - Pembina Dam Modification

## Application Details

---

**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 29, 2026 10:31 AM  
**Initially Submitted By:** Terrel O'Gorman  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Ms. LuAnn L Kemp  
Salutation First Name Middle Name Last Name  
**Title:** Secretary  
**Email\*:** llkemp@nd.gov  
**Address\*:** 308 Courthouse Drive #5

Cavalier North Dakota 58220  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 265-4511 Ext.  
Phone  
###-###-####  
**Fax:** (701) 265-4561  
###-###-####

**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** Pembina County Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-6006376

**Organization Website:**

**Address\*:** 308 Courthouse Drive #5

**Phone\*:** Cavalier North Dakota 58220-\_\_\_\_  
City State/Province Postal Code/Zip  
(701) 265-4511 Ext.  
###-###-####

**Fax:** (701) 265-4561  
###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:** H3D9BHP2R5L7

**SAM Validation:** Active

**SAM Expiration Date:** 11/26/2026

**SAM Exclusion Flag:**

**SAM Last Updated:** Jun 8, 2026 12:01 AM

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** Pembina Dam Modification

**Sponsor(s)\*:** Pembina County Water Resource District

**County\*:** Pembina

**City\*:** Pembina

**Description of Request\*:** New

**Project Type:** DAM Safety/EAP

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

City of Pembina

Pembina County Water Resource District

North Dakota Game and Fish Department

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The Pembina Dam is in need of modification to address the public safety issues associated with the low-head dam. The project will eliminate the hydraulic roller which will significantly improve public safety.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed project will install a rock arch rapids that maintains the crest of the dam. The crest of the rock arch rapids would be located near the crest of the existing dam. Rock arch rapids being a more natural design helps to limit future maintenance costs once constructed.

**Describe the Objectives or Goals Specific to This Application\*:**

The objective or goal of this application is to improve public safety by modifying the existing City of Pembina dam to eliminate the dangerous hydraulic roller.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

Rock riprap and boulders will be installed to create a rapids in the location of the existing dam. The dam abutments will be eliminated and slopes will be protected with rock riprap.

**For this project,**

|                                                       |      |
|-------------------------------------------------------|------|
| <b>Choose City, County, Water District or Other*:</b> | City |
|-------------------------------------------------------|------|

|                                                   |     |
|---------------------------------------------------|-----|
| <b>What is the Current Estimated Population*:</b> | 487 |
|---------------------------------------------------|-----|

**For this project,**

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population*:</b> | 487 |
|-------------------------------------------|-----|

|                                                |    |
|------------------------------------------------|----|
| <b>Have Assessment Districts Been Formed*:</b> | No |
|------------------------------------------------|----|

|                                               |     |
|-----------------------------------------------|-----|
| <b>Have Land or Easements Been Acquired*:</b> | N/A |
|-----------------------------------------------|-----|

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

Section 404 - The project will fit under a Nationwide Permit per discussions with Samantha Samberg (USACOE). She is only waiting on SHPO.

**Have You Been approved for any Federal Permits?\*** Ongoing

**If Yes or Ongoing, Please Explain (include type/number):**

Corps Section 404 permit is in progress and expected approval waiting on SHPO. Cultural study was forwarded to SHPO in May 2026. Approval expected any day now.

**Have You Applied for any State Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

**Have You Been Approved for any State Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

**Have You Applied for any Local Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

Floodplain

**Have You Been Approved For Any Local Permits?\*** Yes

**If Yes or Ongoing, Please**

**Explain**

**(include type/number):**

City of Pembina approved the floodplain permit on 8/18/2025

Permit # 2025-0818

**Do You Expect Any Obstacles to** No

**Implementation (i.e. Problems  
with Land Acquisition, Permits,  
Funding, Local Opposition,  
Environmental Concerns, etc.)?**

**\*:**

**Have You Received, or Do You** No

**Anticipate Receiving Federal  
Funding?**

(Example: Hazard Mitigation Grant  
Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 9/27/2024

**Design Completion\*:** 9/30/2025

**Bid\*:** 9/15/2026

**Construction Start\*:** 9/25/2026

**Construction Completion\*:** 11/30/2027

**Explain Additional Timeline**

**Issues\*:**

None expected

**Consulting Engineer\*:** Erik S. Jones

**Engineer Direct Phone Number\*:** 701-499-2055

**Engineer Email\*:** ejones@houstoneng.com

***Certification (Must Be Completed by Project Sponsor)***



**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

LuAnn Kemp 06/29/2026  
First Name Last Name Date

**Title/Position/Authority\*:**

Secretary

**Address\*:**

308 Courthouse Drive #5

Address Line 1

Address Line 2

Cavalier North Dakota 58220-0000  
City State Zip Code

**Direct Phone Number\*:**

701-265-4511

**Sponsor Email\*:**

llkemp@nd.gov

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

LuAnn Kemp  
First Name Last Name

**Authorized Signor Title/Position:**

Secretary

**Authorized Signor Email:**

llkemp@nd.gov

**Authorized Signor Direct Phone Number:**

701-265-4511

**Provide the Name for One Additional Board Member, if Applicable:**

Donald Kemp  
First Name Last Name

**Additional Board Member Title/Position:**

Chairman

**Additional Board Member Email:** donkemp@polarcomm.com

**Additional Board Member Direct** 701-265-4511

**Phone Number:**

## Documentation

---

### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** Grant\_ApplicationMap.\_092625\_1.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** PCWRD June 23 2026 minutes.pdf

**Cover Letter:** CoverLetter\_PembinaDam6-30-2026.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** 2026-05-21\_Pembina Dam\_sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** PembinaDamModification\_Plans Specs 2026-06-26.pdf

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

Is This a Flood Recovery  
Property Acquisition Project?: No

If Request is for Construction of  
a Community Flood Control or  
Water Conveyance Project  
(Excluding Assessment Drain  
Projects), is the Total  
Construction Cost \$200,000 or  
More?: No

Sovereign Land Permit, if  
Required for Construction  
Request: SL2552\_Cover\_Letter.pdf

DWR Construction Permit, if  
Required for Construction  
Request: CP\_2794\_permit\_final.pdf

Conditional Letter of Map  
Revision (CLOMR), if Required  
for Construction Request:

Has a Feasibility/Engineering  
Study Been Completed for the  
Project?: Yes

Feasibility/Engineering Study  
Material: 2025-09-30 Design Report\_Pembina Dam Modification Rev.pdf

Photos of Problem/Issue: Pembina Dam2 8-30-24.jpg

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: PembinaCity-WRD-MOU.pdf

Other Applicable Document:

Other Applicable Document:

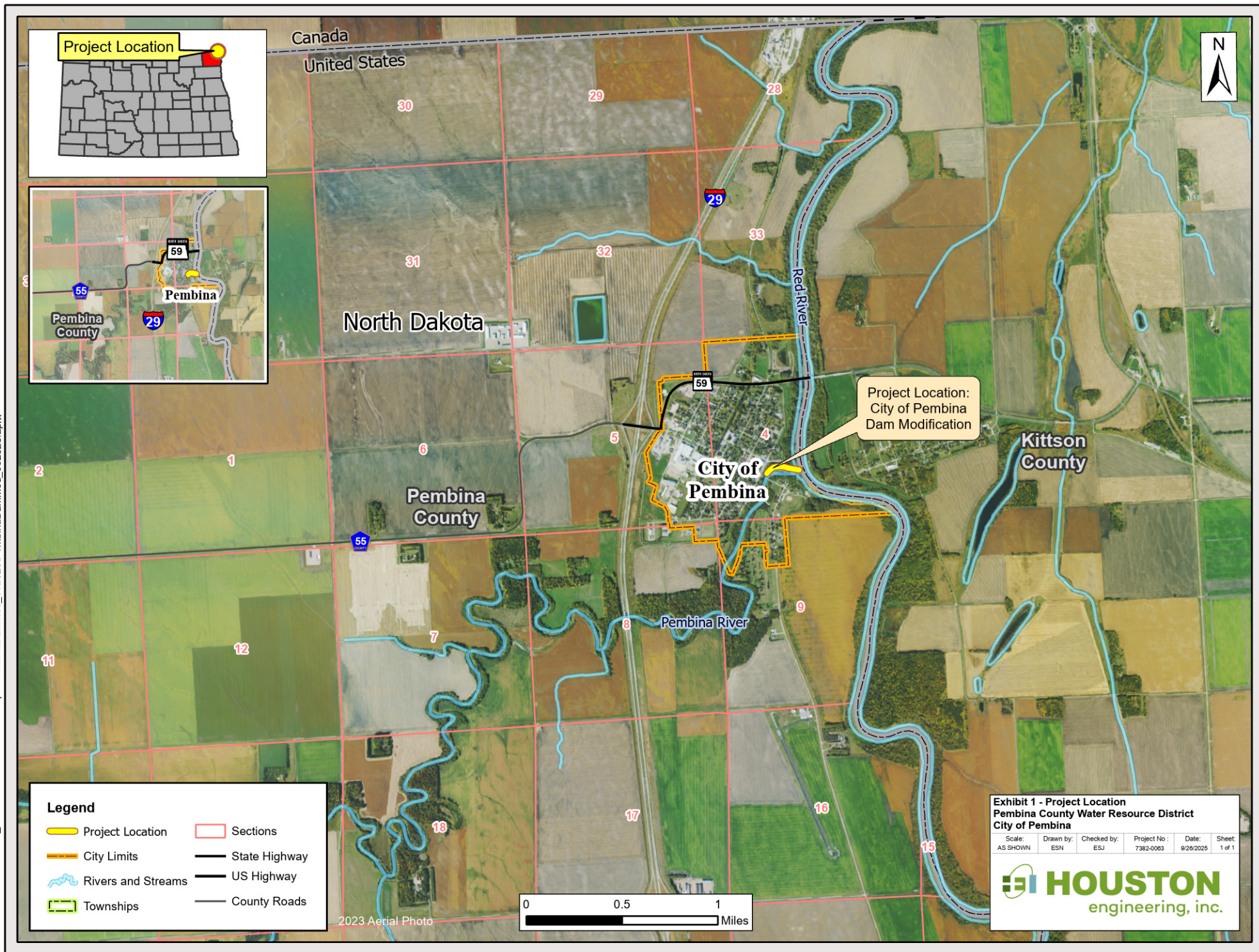
## Sources

**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

| Source | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status | State                     | State Fiscal           | Beyond              | Total Cost     | Type | Term | Interest<br>Rate |
|--------|-------------------------------------------|------------------|---------------------------|------------------------|---------------------|----------------|------|------|------------------|
|        |                                           |                  | Year 1<br>July to<br>June | Year 2<br>July to June | Current<br>Biennium |                |      |      |                  |
|        |                                           |                  | \$62,500.00               | \$1,636,135.00         | \$0.00              | \$1,698,635.00 |      |      |                  |

| Source                                                            | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State                               | State Fiscal           | Beyond              | Total Cost            | Type  | Term | Interest<br>Rate |
|-------------------------------------------------------------------|-------------------------------------------|---------------------|-------------------------------------|------------------------|---------------------|-----------------------|-------|------|------------------|
|                                                                   |                                           |                     | Fiscal<br>Year 1<br>July to<br>June | Year 2<br>July to June | Current<br>Biennium |                       |       |      |                  |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction |                                           | Current<br>Request  | \$50,000.00                         | \$1,223,976.00         | \$0.00              | \$1,273,976.00        | Grant | 0.00 | 0.00             |
| Other                                                             | The Nature<br>Conservancy                 | Already<br>Approved | \$12,500.00                         | \$412,159.00           | \$0.00              | \$424,659.00          |       | 0.00 | 0.00             |
|                                                                   |                                           |                     | <b>\$62,500.00</b>                  | <b>\$1,636,135.00</b>  | <b>\$0.00</b>       | <b>\$1,698,635.00</b> |       |      |                  |









**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

**PRE-BID AMOUNTS**

DWR Date Received : June 30, 2026

|            |                                        |
|------------|----------------------------------------|
| Date :     | 5/21/26                                |
| Project :  | Pembina Dam Modification               |
| Sponsor :  | Pembina County Water Resource District |
| Contact :  | LuAnn Kemp, Secretary                  |
| Phone :    | 701_265_4511                           |
| Engineer : | Erik Jones, Houston Engineering Inc.   |
| Phone :    | 701_237_5065                           |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 1,767,424.50 | Total Cost-Share* : | \$ 1,185,243.38 |
| Ineligible Cost : | \$ 187,100.00   | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 1,580,324.50 | Preconstruction :   | \$ -            |
| Local Cost :      | \$ 582,181.13   | Construction :      | \$ 1,185,243.38 |

|                                         |              |
|-----------------------------------------|--------------|
| Project Type:                           | Cost-share % |
| Dam - Low Head Roller Effect Mitigation | 75%          |

|                                                                                   | Cost Classification | Quantity | Unit | Unit Price | Total           | Cost-Share % | Cost-Share \$   |
|-----------------------------------------------------------------------------------|---------------------|----------|------|------------|-----------------|--------------|-----------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>       |                     |          |      |            |                 |              |                 |
| Item                                                                              | % of Cost           |          |      |            |                 |              |                 |
| 1                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 2                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 3                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 4                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 5                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 0.0%                |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b> |                     |          |      |            |                 |              |                 |
| 6                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 7                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 8                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 9                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 10                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 0.0%                |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Construction Engineering Costs</b>                                             |                     |          |      |            |                 |              |                 |
| 11                                                                                | 1.4%                | 1        | LS   | 25,000.00  | \$ 25,000.00    | 75%          | \$ 18,750.00    |
| 12                                                                                | 7.1%                | 1        | LS   | 125,000.00 | \$ 125,000.00   | 75%          | \$ 93,750.00    |
| 13                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 14                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 8.5%                |          |      |            | \$ 150,000      | 75%          | \$ 112,500.00   |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Construction Costs</b>                                                         |                     |          |      |            |                 |              |                 |
| 15                                                                                | 1.4%                | 1        | LS   | 25,000.00  | \$ 25,000.00    | 75%          | \$ 18,750.00    |
| 16                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 17                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 18                                                                                | 0.3%                | 160      | LF   | 36.00      | \$ 5,760.00     | 75%          | \$ 4,320.00     |
| 19                                                                                | 0.8%                | 1        | LS   | 15,000.00  | \$ 15,000.00    | 75%          | \$ 11,250.00    |
| 20                                                                                | 1.0%                | 443      | CY   | 40.00      | \$ 17,720.00    | 75%          | \$ 13,290.00    |
| 21                                                                                | 21.5%               | 2055     | CY   | 185.00     | \$ 380,175.00   | 75%          | \$ 285,131.25   |
| 22                                                                                | 34.6%               | 3170     | CY   | 193.00     | \$ 611,810.00   | 75%          | \$ 458,857.50   |
| 23                                                                                | 11.3%               | 1112     | LF   | 180.00     | \$ 200,160.00   | 75%          | \$ 150,120.00   |
| 24                                                                                | 0.8%                | 26       | EA   | 530.00     | \$ 13,780.00    | 75%          | \$ 10,335.00    |
| 25                                                                                | 0.2%                | 4        | EA   | 880.00     | \$ 3,520.00     | 75%          | \$ 2,640.00     |
| 26                                                                                | 0.8%                | 1        | LS   | 15,000.00  | \$ 15,000.00    | 75%          | \$ 11,250.00    |
| 27                                                                                | 0.3%                | 1        | LS   | 6,000.00   | \$ 6,000.00     | 75%          | \$ 4,500.00     |
| 28                                                                                | 0.4%                | 910      | SY   | 7.00       | \$ 6,370.00     | 75%          | \$ 4,777.50     |
| 29                                                                                | 0.0%                |          |      | -          | \$ -            | 75%          | \$ -            |
| 30                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 31                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 32                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 33                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 34                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 35                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 36                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            | \$ 1,300,295.00 | 75%          | \$ 975,221.25   |
|                                                                                   | 7.4%                |          |      |            | \$ 130,029.50   | 75%          | \$ 97,522.13    |
|                                                                                   | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 80.9%               |          |      |            | \$ 1,430,324.50 | 75%          | \$ 1,072,743.38 |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Eligible Preconstruction</b>                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Ineligible Preconstruction Costs</b>                                           |                     |          |      |            |                 |              |                 |
| 37                                                                                | 7.1%                | 1        | LS   | 125,000.00 | \$ 125,000      | 0%           | \$ -            |
| 38                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 39                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 40                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                                   | 7.1%                |          |      |            | \$ 125,000      | 0%           | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Ineligible Construction Costs</b>                                              |                     |          |      |            |                 |              |                 |
| 41                                                                                | 3.5%                | 27       | LF   | 2,300.00   | \$ 62,100.00    | 0%           | \$ -            |
| 42                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 43                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 44                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                                   | 3.5%                |          |      |            | \$ 62,100.00    | 0%           | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ 187,100.00   | 0%           | \$ -            |
|                                                                                   | 100.0%              |          |      |            | \$ 1,767,424.50 |              |                 |
|                                                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ -            |              |                 |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.







PEMBINA COUNTY  
**WATER RESOURCE DISTRICT**

308 Courthouse Drive #5  
Cavalier, North Dakota 58220  
Phone: 701-265-4511  
Fax: 701-265-4165

June 30, 2026

ND State Water Commission  
Bismarck, ND 58504

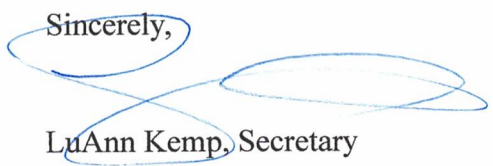
Dear Members:

The Pembina County Water Resource District (PCWRD), requests construction cost-share with the North Dakota Department of Water Resources (NDDWR) for Pembina City Dam Modifications. The project is a installation of a rock arch rapids to eliminate the high priority low head dam which presents a drowning hazard for local residents. This is a joint effort by the City of Pembina, Pembina County Water Resources, and the Nature Conservancy.

The total construction and construction engineering costs to implement the permanent grade stabilization is estimated to be \$1,698,635, and the Board hereby requests ND DWR cost-share in the amount of \$1,273,976 to complete dam safety modifications to the low head dam.

If you have any questions, please don't hesitate to call our office.

Sincerely,

  
LuAnn Kemp, Secretary

Enc

*Board Members*

*Richard Kendall, Randall Emanuelson, Ted Juht, William Gunderson, & Donald Kemp*

**These are DRAFT minutes, subject to amendment before final approval by  
the Pembina County Water Resource District**

June 23, 2026

MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Those present were Managers William Gunderson, Donald Kemp, Ted Juhl, Randall Emanuelson, and LuAnn Kemp, secretary. Attorney Robert Fleming also present. A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the minutes of June 2, 2026. A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the minutes of June 12, 2026.

The public comment period was held at 8:10 am. No public comments were received.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to amend the agenda to include: culvert request for Brown and Kemp, Drain 64 advertisement for bids, and Devon Johnson – Pembina County Highway.

Kelly Brown, Charlie Morrison, Mark Morrison, Travis Brown, and Landis McDonald met with the board regarding a request for an additional culvert into Drain 4 in the NE ¼ of Section 5-162-53. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the installation of an additional 36 inch x 50 foot culvert with trap into Drain 4. Quotes will be requested from contractors for direct hire.

Alex Spitsburg – Nodak Electric met with the board regarding projects that will be crossing legal assessment drains. A motion was made by Randall Emanuelson, seconded by Ted Juhl, by vote unanimously carried to approve the easement as amended to the correct township/range for Section 7-160-52. The board also reviewed the proposed work south of the border crossing near Walhalla.

A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the Drain 64 Bid advertisement as presented.

The board reviewed the culvert request by D. Kemp for the SE ¼ Section 24-161-52 and issued no comment.

A motion as made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the bills as presented:

|       |                         |          |
|-------|-------------------------|----------|
| 14401 | Pembina County          | 56.28    |
| 14402 | LuAnn Kemp              | 98.38    |
| 14403 | Thorlakson Construction | 1,295.00 |

The board reviewed the Drain 64 ND DWR Drain permit. A motion was made by Ted Juhl, seconded by Randall Emanuelson, by vote unanimously carried to approve the permit after finding no downstream effects to the project.

June 23, 2026

MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Page 2

The board reviewed the email from Ms. Landry regarding Bourbanis Dam. Minutes from July 1, 2025 stated:

A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve Kendall Construction to spray the dams and the area of concern on Bourbanis Dam clay stockpile based on the rates provided in the original bid Option A.

The board will direct Mr. Gemmil to spray the areas the stockpile again this year. No action was taken on the request for access or tree planting as those had been addressed previously with the landowner.

Mike Ferrie – Houston Engineering was present with project updates.

- Snagging and clearing – the project proposal will included approximately 3.75 miles starting near Morrison Dam and moving west to 94<sup>th</sup> Street. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the Notice of Hearing to set the date for the hearing as August 4<sup>th</sup> pending Commission availability.
- Drain 4 – ND DWR cost-share will be submitted by 6/29, project is moving forward with bidding late summer
- Tongue River Cutoff – the NRCS has indicated they would be agreeable to a modified use permit if requested by the landowner
- Olga Road – discussion on possibility to do a small repair on the road at this time
- Wieler Dam – the television/jetting is expected to take 2 days at a cost of \$12,000. Board will need to coordinate removal of animal gate on the 8 inch drain prior to expected work in mid-July.
- Drain 67A Culvert repairs – final site visit pending drier weather to allow for inspection of culverts – target bid date for mid-winter for 2027 work
- Drain 67C – Final pay will be processed at end of warranty period
- Drain 78 – mobilization for additional rip rap is expected when road conditions improve
- Assessment North of Drayton – the board reviewed the correspondence regarding benefit analysis for all parcels in drains that are impacted by a reassessment; a motion was made by Randall Eamneulson, seconded by Ted Juhl, by vote unanimously carried to pause the Assessment project at this time.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the ND DWR Cost-share applications for Drain 4 and the City of Pembina Dam removal as presented and direct Secretary/Treasurer to sign the letter and application.

Manager Gunderson reported an area on Drain 79 that will need spraying for weeds and trees.

# 1088340 - Cass County Drain 13 Outlet Improvements

## Application Details

---

**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 30, 2026 10:18 AM  
**Initially Submitted By:** Melissa Hinkemeyer  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Josh Middle Name Wayt  
First Name Last Name  
**Title:** Funding Specialist  
**Email\*:** josh.wayt@mooreengineeringinc.com  
**Address\*:** 925 10th Ave E  
Suite 1  
West Fargo North Dakota 58078  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 200-5455 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** Cass County Joint Water Resource District  
**Organization Type\*:** Political Subdivision  
**Tax Id:**  
**Organization Website:**  
**Address\*:** 1201 Main Ave West

West Fargo North Dakota 58078-\_\_\_\_  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 298-2367 Ext.  
###-###-####  
**Fax:** ###-###-####

**Vendor ID:**  
**PeopleSoft Supplier ID:**  
**Comments:**  
**Location Code:**  
**SAM UEI #:**  
**SAM Validation:**  
**SAM Expiration Date:**  
**SAM Exclusion Flag:**  
**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** Cass County Drain 13 Outlet Improvements  
**Sponsor(s)\*:** North Cass Water Resource District  
**County\*:** Cass  
**City\*:** Argusville  
**Description of Request\*:** New  
**Project Type:**  
**If Project is a Study, What Type?:**



**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

North Cass Water Resource District, Cass County Highway Department, and Local Land Owners.

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

Cass County Drain No. 13 is an existing legal drain north-east of Argusville that outlets into a tributary of the Red River and then ultimately into the Red River less than 1 mile downstream of the Drain's outlet. The existing channel is experiencing significant erosion and sloughing along the outlet reach of the drain. Additionally, the existing bridge structure at the crossing of 20th St SE is nearing the end of its design life and the District and County would like to replace this structure before it fails.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

This project will repair the downstream 1.2 miles of the drain, where erosion and sloughing are most severe. Slides within the project area will be repaired and the drain's slopes will be set back to mitigate future failures in this reach. Additionally, the existing bridge at 20th St SE will be replaced with two 14-foot by 12-foot reinforced concrete box culverts.

**Describe the Objectives or Goals Specific to This Application\*:**

The District is respectfully requesting DWR cost share for preconstruction/final design costs.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of work includes geotechnical analysis, final design, and bidding/negotiation. It also includes assistance compiling permitting applications and coordinating with utilities providers.

**For this project,**

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |     |
|---------------------------------------------------|-----|
| <b>What is the Current Estimated Population*:</b> | 750 |
|---------------------------------------------------|-----|

**For this project,**

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population*:</b> | 750 |
|-------------------------------------------|-----|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed*:</b> | Yes |
|------------------------------------------------|-----|

|                     |            |
|---------------------|------------|
| <b>Date Formed:</b> | 04/16/1998 |
|---------------------|------------|

|                                               |     |
|-----------------------------------------------|-----|
| <b>Have Land or Easements Been Acquired*:</b> | N/A |
|-----------------------------------------------|-----|

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

No

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

N/A

**Have You Applied for any State Permits?\***

No

**Have You Applied for any Local Permits?\***

No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

.\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 06/25/2026

**Design Completion\*:** 02/01/2027

**Bid\*:** 03/01/2027

**Construction Start\*:** 05/01/2027

**Construction Completion\*:** 10/31/2027

**Explain Additional Timeline Issues\*:**

No additional timeline issues are anticipated.

**Consulting Engineer\*:** Nathan Trosen, PE, Moore Engineering

**Engineer Direct Phone Number\*:** 701-551-1060

**Engineer Email\*:** nathan.trosen@mooreengineeringinc.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

Melissa Hinkemeyer 06/30/2026  
First Name Last Name Date

**Title/Position/Authority\*:**

Director, Secretary

**Address\*:**

1201 Main Ave W  
Address Line 1  
Address Line 2  
West Fargo North Dakota 58078-0000  
City State Zip Code

**Direct Phone Number\*:**

701-298-2384

**Sponsor Email\*:**

hinkemeyerm@casscountynd.gov

**Are You Seeking Department of Water Resources Cost-Share?\*:**

Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

Ken Lougheed  
First Name Last Name

**Authorized Signor Title/Position:**

Chairman

**Authorized Signor Email:**

kenrlougheed@gmail.com

**Authorized Signor Direct Phone Number:**

701-238-0830

**Provide the Name for One Additional Board Member, if Applicable:**

Robert Thompson  
First Name Last Name

**Additional Board Member Title/Position:**

Vice-Chairman

**Additional Board Member Email:** tsi@ictc.com  
**Additional Board Member Direct** 701-238-1511  
**Phone Number:**

## Documentation

---

### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** 30027\_NorthCassDrain13\_Exhibit\_20260618.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** 30027\_NorthCassDrain13\_Minutes\_2026.06.23\_DRAFT.pdf

**Cover Letter:** 30027\_NorthCassDrain13\_CoverLetter\_2026.06.29.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** 30027\_NorthCassDrain13\_DelineationofCosts.xlsx

**Type of Request:** Preconstruction

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** Yes

**Is This a Flood Recovery Property Acquisition Project?:** No

If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:

No

Sovereign Land Permit, if Required for Construction Request:

DWR Construction Permit, if Required for Construction Request:

Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:

Has a Feasibility/Engineering Study Been Completed for the Project?:

Yes

Feasibility/Engineering Study Material:

30027\_NorthCassDrain13\_PreliminaryDesignSummaryReport\_2026-06-25.pdf

Photos of Problem/Issue: 30027\_NorthCassDrain13\_Pictures.pdf

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: 30027\_NorthCassDrain13\_BridgeReport\_09.24.2025.pdf

Other Applicable Document:

Other Applicable Document:

Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

| Source | If Other, Specify Funding Source | Source Status | State Fiscal Year | State Fiscal Year 2 | Beyond Current | Total Cost     | Type | Term | Interest Rate |
|--------|----------------------------------|---------------|-------------------|---------------------|----------------|----------------|------|------|---------------|
|        |                                  |               | 1 July to June    | July to June        | Biennium       |                |      |      |               |
|        |                                  |               | \$15,750.00       | \$3,491,649.90      | \$0.00         | \$3,507,399.90 |      |      |               |



| Source                                                                    | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State                               | State Fiscal<br>Year 2<br>July to June | Beyond<br>Current<br>Biennium | Total Cost            | Type | Term | Interest<br>Rate |
|---------------------------------------------------------------------------|-------------------------------------------|---------------------|-------------------------------------|----------------------------------------|-------------------------------|-----------------------|------|------|------------------|
|                                                                           |                                           |                     | Fiscal Year<br>1<br>July to<br>June |                                        |                               |                       |      |      |                  |
| Department of<br>Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                           | Already<br>Approved | \$15,750.00                         | \$0.00                                 | \$0.00                        | \$15,750.00           |      | 0.00 | 0.00             |
| Department of<br>Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                           | Current<br>Request  | \$0.00                              | \$165,000.00                           | \$0.00                        | \$165,000.00          |      | 0.00 | 0.00             |
| Department of<br>Water<br>Resources<br>Cost Share<br>Construction         |                                           | Future<br>Request   | \$0.00                              | \$1,771,859.94                         | \$0.00                        | \$1,771,859.94        |      | 0.00 | 0.00             |
| Other                                                                     | Local<br>funding                          | Already<br>Approved | \$0.00                              | \$1,554,789.96                         | \$0.00                        | \$1,554,789.96        |      | 0.00 | 0.00             |
|                                                                           |                                           |                     | <b>\$15,750.00</b>                  | <b>\$3,491,649.90</b>                  | <b>\$0.00</b>                 | <b>\$3,507,399.90</b> |      |      |                  |



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

Cost-share request for \$165,000  
for preconstruction

DWR Date Received : June 30, 2026

|            |                                          |
|------------|------------------------------------------|
| Date :     | 6/26/26                                  |
| Project :  | Cass County Drain 13 Outlet Improvements |
| Sponsor :  | North Cass Water Resource District       |
| Contact :  | Melissa Hinkemeyer, Director             |
| Phone :    | 701-298-2384                             |
| Engineer : | Nathan Trosen, Moore Engineering Inc.    |
| Phone :    | 701-361-6615                             |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 3,507,399.90 | Total Cost-Share* : | \$ 1,957,859.94 |
| Ineligible Cost : | \$ 244,300.00   | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 3,263,099.90 | Preconstruction :   | \$ 180,750.00   |
| Local Cost :      | \$ 1,549,539.96 | Construction :      | \$ 1,771,859.94 |

|                                           |              |
|-------------------------------------------|--------------|
| Project Type:                             | Cost-share % |
| Rural Flood Control - Assessment Drain(s) | 60%          |

| Item                                                                        | % of Cost | Cost Classification         | Quantity | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|-----------------------------------------------------------------------------|-----------|-----------------------------|----------|------|------------|-------|--------------|---------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b> |           |                             |          |      |            |       |              |               |
| 1                                                                           | 0.0%      |                             | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 2                                                                           | 0.0%      |                             | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 3                                                                           | 0.0%      |                             | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 4                                                                           | 0.0%      |                             | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 5                                                                           | 0.0%      |                             | 0        |      | -          | \$ -  | 60%          | \$ -          |
|                                                                             | 0.0%      | <b>Other Eligible Total</b> |          |      |            | \$ -  | 60%          | \$ -          |

|                                                                                   |      |                                               |   |    |            |               |           |               |
|-----------------------------------------------------------------------------------|------|-----------------------------------------------|---|----|------------|---------------|-----------|---------------|
| <b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b> |      |                                               |   |    |            |               |           |               |
| 6                                                                                 | 1.0% | Feasibility Study (Previously Funded 4/16/25) | 1 | LS | 35,000.00  | \$ 35,000.00  | 45%       | \$ 15,750.00  |
| 7                                                                                 | 5.7% | Final Design                                  | 1 | LS | 200,000.00 | \$ 200,000.00 | 60%       | \$ 120,000.00 |
| 8                                                                                 | 1.1% | Geotechnical Investigations                   | 1 | LS | 40,000.00  | \$ 40,000.00  | 60%       | \$ 24,000.00  |
| 9                                                                                 | 0.6% | Permitting Assistance                         | 1 | LS | 20,000.00  | \$ 20,000.00  | 60%       | \$ 12,000.00  |
| 10                                                                                | 0.4% | Engineering - Utilities                       | 1 | LS | 15,000.00  | \$ 15,000.00  | 60%       | \$ 9,000.00   |
|                                                                                   | 8.8% | <b>Preconstruction Total</b>                  |   |    |            | \$ 310,000.00 | 45% - 60% | \$ 180,750.00 |

|                                                   |      |                                       |   |    |            |               |     |               |
|---------------------------------------------------|------|---------------------------------------|---|----|------------|---------------|-----|---------------|
| <b>ANTICIPATED Construction Engineering Costs</b> |      |                                       |   |    |            |               |     |               |
| 11                                                | 5.7% | Construction Contract Mgmt.           | 1 | LS | 200,000.00 | \$ 200,000.00 | 60% | \$ 120,000.00 |
| 12                                                | 2.9% | Utilities - Construction              | 1 | LS | 100,000.00 | \$ 100,000.00 | 60% | \$ 60,000.00  |
| 13                                                | 0.0% |                                       | 0 |    | -          | \$ -          | 60% | \$ -          |
| 14                                                | 0.0% |                                       | 0 |    | -          | \$ -          | 60% | \$ -          |
|                                                   | 8.6% | <b>Construction Engineering Total</b> |   |    |            | \$ 300,000.00 | 60% | \$ 180,000.00 |

|                                       |       |                                                |        |     |            |                 |     |                 |
|---------------------------------------|-------|------------------------------------------------|--------|-----|------------|-----------------|-----|-----------------|
| <b>ANTICIPATED Construction Costs</b> |       |                                                |        |     |            |                 |     |                 |
| 15                                    | 2.9%  | Mobilization                                   | 1      | LS  | 100,000.00 | \$ 100,000.00   | 60% | \$ 60,000.00    |
| 16                                    | 0.0%  | Bonding                                        | 0      |     | -          | \$ -            | 60% | \$ -            |
| 17                                    | 0.0%  | Insurance                                      | 0      |     | -          | \$ -            | 60% | \$ -            |
| 18                                    | 0.4%  | Stormwater Management                          | 1      | LS  | 15,000.00  | \$ 15,000.00    | 60% | \$ 9,000.00     |
| 19                                    | 0.3%  | Traffic Control                                | 1      | LS  | 10,000.00  | \$ 10,000.00    | 60% | \$ 6,000.00     |
| 20                                    | 2.7%  | Topsoil Clearing, Stripping, and Bank Leveling | 1.2    | MI  | 80,000.00  | \$ 96,000.00    | 60% | \$ 57,600.00    |
| 21                                    | 33.7% | Slide Repairs                                  | 2365   | LF  | 500.00     | \$ 1,182,500.00 | 60% | \$ 709,500.00   |
| 22                                    | 12.7% | Common Excavation                              | 148960 | CY  | 3.00       | \$ 446,880.00   | 60% | \$ 268,128.00   |
| 23                                    | 0.6%  | Drop Structure                                 | 1      | EA  | 20,000.00  | \$ 20,000.00    | 60% | \$ 12,000.00    |
| 24                                    | 1.1%  | Corrugated Metal Pipe                          | 720    | LF  | 53.89      | \$ 38,800.00    | 60% | \$ 23,280.00    |
| 25                                    | 1.2%  | Flap Gate                                      | 18     | EA  | 2,333.33   | \$ 42,000.00    | 60% | \$ 25,200.00    |
| 26                                    | 2.9%  | Rip-Rap                                        | 1025   | CY  | 100.00     | \$ 102,500.00   | 60% | \$ 61,500.00    |
| 27                                    | 0.2%  | Fabric - Filter, Reinforcing, Separation       | 2843   | SY  | 3.00       | \$ 8,529.00     | 60% | \$ 5,117.40     |
| 28                                    | 0.4%  | Bridge - Remove                                | 1      | EA  | 15,000.00  | \$ 15,000.00    | 60% | \$ 9,000.00     |
| 29                                    | 4.3%  | RCB                                            | 88     | LF  | 1,700.00   | \$ 149,600.00   | 60% | \$ 89,760.00    |
| 30                                    | 2.9%  | RCB End Section                                | 4      | EA  | 25,000.00  | \$ 100,000.00   | 60% | \$ 60,000.00    |
| 31                                    | 0.2%  | Rockcheck Temporary                            | 4      | EA  | 2,000.00   | \$ 8,000.00     | 60% | \$ 4,800.00     |
| 32                                    | 0.1%  | Gravel                                         | 60     | CY  | 35.00      | \$ 2,100.00     | 60% | \$ 1,260.00     |
| 33                                    | 1.1%  | Seeding                                        | 20     | AC  | 2,000.00   | \$ 40,000.00    | 60% | \$ 24,000.00    |
| 34                                    | 0.6%  | Site Clearing                                  | 1      | LS  | 20,000.00  | \$ 20,000.00    | 60% | \$ 12,000.00    |
| 35                                    | 0.4%  | Material Testing                               | 1      | ALL | 15,000.00  | \$ 15,000.00    | 60% | \$ 9,000.00     |
| 36                                    | 0.0%  |                                                | 0      |     | -          | \$ -            | 60% | \$ -            |
|                                       |       | <b>Construction Sub-Total</b>                  |        |     |            | \$ 2,411,909.00 | 60% | \$ 1,447,145.40 |
|                                       | 6.9%  | <b>Allowable Contingency (10%)</b>             |        |     |            | \$ 241,190.90   | 60% | \$ 144,714.54   |
|                                       | 0.0%  | <b>Elective Contingency Reduction</b>          | 0      |     | -          | \$ -            | 60% | \$ -            |
|                                       | 75.6% | <b>Construction Total</b>                      |        |     |            | \$ 2,653,099.90 | 60% | \$ 1,591,859.94 |

|                          |                        |            |                        |
|--------------------------|------------------------|------------|------------------------|
| Eligible Preconstruction | \$ 310,000.00          | 60%        | \$ 180,750.00          |
| Eligible Construction    | \$ 2,953,099.90        | 60%        | \$ 1,771,859.94        |
| <b>Eligible Total</b>    | <b>\$ 3,263,099.90</b> | <b>60%</b> | <b>\$ 1,952,609.94</b> |

|                                         |      |                                          |   |    |            |               |    |      |
|-----------------------------------------|------|------------------------------------------|---|----|------------|---------------|----|------|
| <b>Ineligible Preconstruction Costs</b> |      |                                          |   |    |            |               |    |      |
| 37                                      | 0.6% | Administrative Services/Support Services | 1 | LS | 22,500.00  | \$ 22,500.00  | 0% | \$ - |
| 38                                      | 4.3% | Legal & Bonding                          | 1 | LS | 150,000.00 | \$ 150,000.00 | 0% | \$ - |
| 39                                      | 1.6% | Easement Acquisition (for Drains)        | 1 | LS | 56,800.00  | \$ 56,800.00  | 0% | \$ - |
| 40                                      | 0.4% | Right-of-Way Admin. (for Drains)         | 1 | LS | 15,000.00  | \$ 15,000.00  | 0% | \$ - |
|                                         | 7.0% | <b>Preconstruction Ineligible Total</b>  |   |    |            | \$ 244,300.00 | 0% | \$ - |

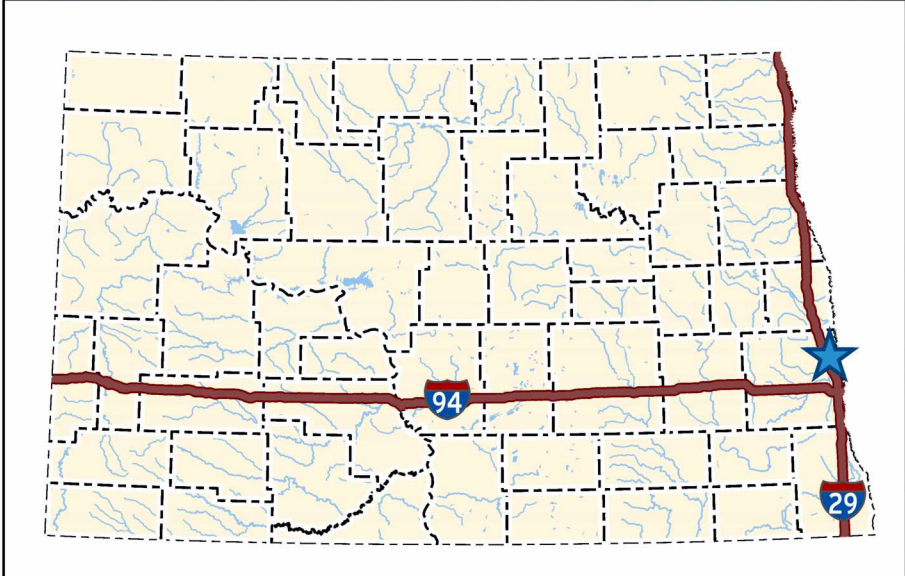
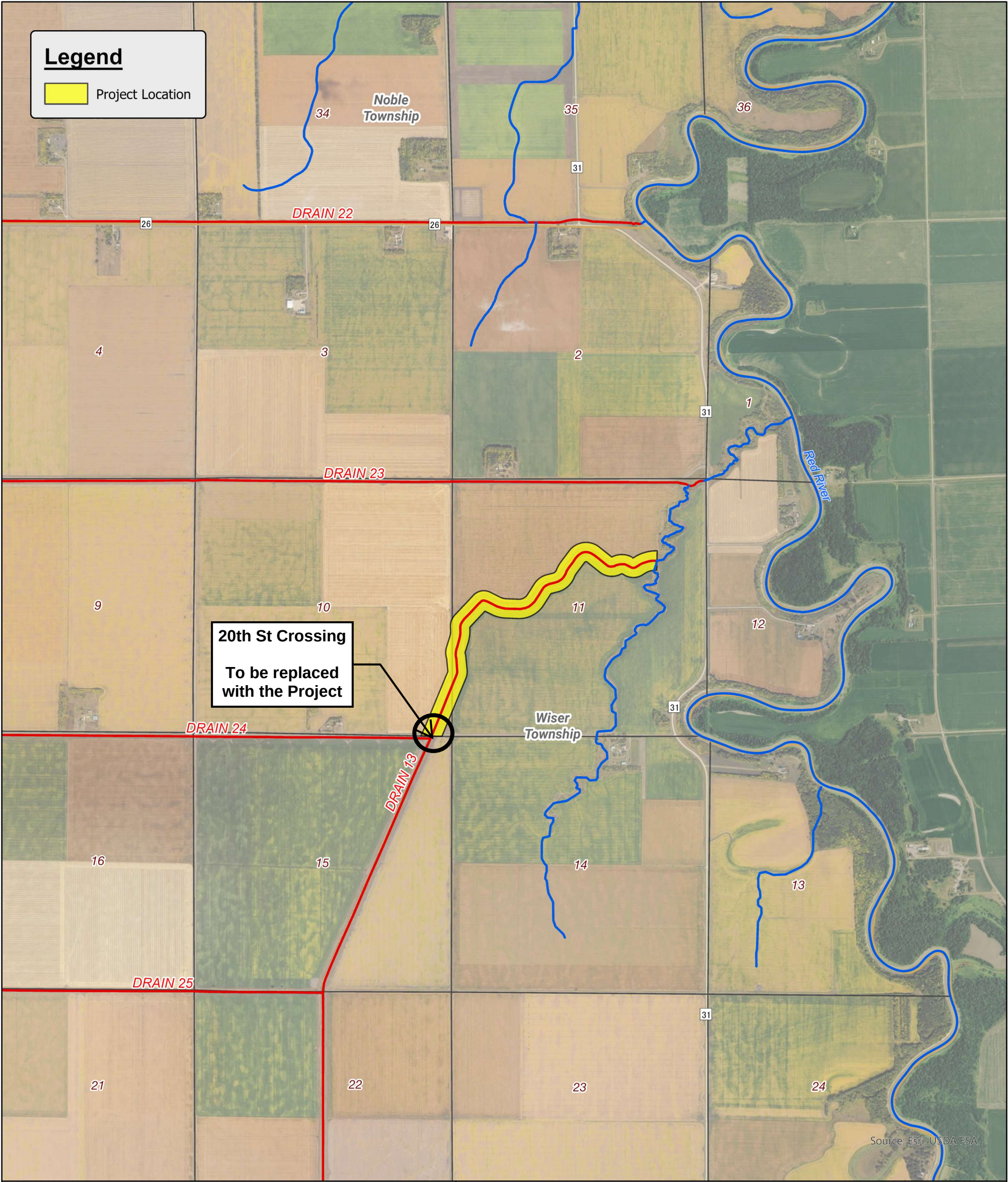
|                                      |      |                                      |   |  |   |      |    |      |
|--------------------------------------|------|--------------------------------------|---|--|---|------|----|------|
| <b>Ineligible Construction Costs</b> |      |                                      |   |  |   |      |    |      |
| 41                                   | 0.0% |                                      | 0 |  | - | \$ - | 0% | \$ - |
| 42                                   | 0.0% |                                      | 0 |  | - | \$ - | 0% | \$ - |
| 43                                   | 0.0% |                                      | 0 |  | - | \$ - | 0% | \$ - |
| 44                                   | 0.0% |                                      | 0 |  | - | \$ - | 0% | \$ - |
|                                      | 0.0% | <b>Construction Ineligible Total</b> |   |  |   | \$ - | 0% | \$ - |

|        |                         |                        |           |             |
|--------|-------------------------|------------------------|-----------|-------------|
| 100.0% | <b>Ineligible Total</b> | <b>\$ 244,300.00</b>   | <b>0%</b> | <b>\$ -</b> |
|        | <b>Project Total</b>    | <b>\$ 3,507,399.90</b> |           |             |

|                                                   |                        |
|---------------------------------------------------|------------------------|
| <b>Federal or State Funds That Supplant Costs</b> | <b>\$ -</b>            |
| <b>Eligible Cost Total</b>                        | <b>\$ 3,263,099.90</b> |
|                                                   | <b>60%</b>             |
|                                                   | <b>\$ 1,957,859.94</b> |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.





CASS COUNTY DRAIN 13  
NORTH CASS WATER RESOURCE DISTRICT  
ARGUSVILLE, NORTH DAKOTA

Created By: KMV Date Created: 11/10/2025 Date Saved: 06/17/26 Date Exported: 11/10/25  
Exported By: tanner.schmidt Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A  
Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
Q:\Projects\30000\30000\30027 WFgoND Drain13ErosionStudy\GIS\APRX\30027\_DWR.aprx





## North Cass Water Resource District

Ken Lougheed  
Chairman  
Gardner, North Dakota

Robert Thompson  
Manager  
Page, North Dakota

Jay Colwell  
Manager  
Gardner, North Dakota

Melissa Hinkemeyer  
Director, Secretary

Amy Hepper  
Treasurer

1201 Main Avenue West  
West Fargo, ND 58078-1301

701-298-2381  
FAX 701-298-2397  
[wrld@casscountynd.gov](mailto:wrld@casscountynd.gov)  
[www.casscountynd.gov](http://www.casscountynd.gov)

June 29, 2026

Beth Nangare  
Cost Share Program Administrator  
Department of Water Resources  
1200 Memorial Highway  
Bismarck ND 58504

RE: Cass County Drain 13 Outlet Improvements Preconstruction Cost- Share Request

Dear Beth,

The North Cass Water Resource District (the "District") is planning to perform drainage channel improvements to Cass County Drain 13 (the "Project"). The District has observed erosion and sloughing of the side slopes, especially along the downstream 1.2 miles of the drain. Additionally, the District and County have both noted that the bridge structure at the 20th St SE crossing is nearing the end of its useful life. The Project area is approximately 7 miles northeast of Argusville, ND.

In April 2025 the District obtained \$15,750 in DWR cost share funding to complete a hydraulic model and feasibility study to identify a solution for mitigating erosion along the drain. This study identified repairing the downstream 1.2 miles of the drain, where erosion and sloughing are most severe, as the preferred alternative. The selected alternative also includes replacement of the existing bridge structure at the 20th St SE crossing with two 14x12-foot reinforced concrete boxes.

Pursuant to the current cost-share policy, the District respectfully requests 60% cost-share for eligible preconstruction costs, including geotechnical analysis, final design, permitting, and right of way and utility coordination. We appreciate your willingness to support the District's efforts to address drainage channel erosion and associated impacts to private landowners. If you have any questions, please feel free to contact us or our project engineer, Nathan Trosen at Moore Engineering, Inc., at 701-361-6615.

Sincerely,

NORTH CASS WATER RESOURCE DISTRICT

*Melissa Hinkemeyer*

Melissa Hinkemeyer  
Director, Secretary

**DRAFT**

**These are DRAFT minutes, subject to amendment before final approval by the North Cass Water Resource District.**

MINUTES OF NORTH CASS WATER RESOURCE DISTRICT  
ORIGINATING AT THE CASS COUNTY HIGHWAY DEPARTMENT  
HERITAGE CONFERENCE ROOM  
WEST FARGO, NORTH DAKOTA  
JUNE 23, 2026  
8:00 A.M.

A meeting of the North Cass Water Resource District (NCWRD) was held on June 23, 2026. The meeting was called to order at 8:00 a.m.

Present were Ken Loughheed, Chairman; Robert Thompson, Manager; Jay Colwell, Manager; Melissa Hinkemeyer, Director, Secretary; Amy Hepper, Treasurer; Elizabeth Smith, Administrative Assistant; Rita Nelson, Accounting Assistant; Sean M. Fredricks and Katie J. Schmidt, Ohnstad Twichell, P.C.; Kurt Lysne, Nathan Trosen, and Brady Woodard, Moore Engineering, Inc.; Duane Breitling, Cass County Commissioner; Tom Soucy, Cass County Highway Department; and Yaping Chi, North Dakota Department of Water Resources (NDDWR).

**Approval of Agenda and Minutes**

It was moved by Manager Thompson, seconded by Manager Colwell, and unanimously carried to approve the order of the agenda and the minutes of the May 26, 2026, meeting as presented.

**Public Comment**

There were no speaker cards submitted for public comment at this meeting.

**Red River Joint Water Resource District Dam Rehab Prioritization**

Yaping Chi introduced herself to the Board and stated she is the Engineer for the Red River Joint Water Resource District (RRJWRD) as well as an Engineer for the NDDWR. Ms. Chi discussed a draft strategic plan for restoration and reconstruction of flood retention dams in the Red River Basin. This strategic plan would be utilized to prioritize the structures that were constructed by a federal agency and are now local water resource districts' responsibility to own and maintain for cost-share funding opportunities from the RRJWRD. Ms. Chi noted this is a 10-year plan that will allow the RRJWRD to prioritize the structures based on location and size within their respective watershed along with immediate restoration and rehabilitation needs. Discussion was held on the dams within the North Cass Water Resource District. Ms. Chi stated the RRJWRD welcomes any comments on the draft prioritization criteria and noted she will visit the dams in the Red River Basin to complete a site inspection in order to initially prioritize the dams. Manager Thompson noted the dams within North Cass Water Resource District are generally in good condition and Elm River Dam No. 3 was rehabilitated last year. The Board briefly discussed the ranking process.



## DRAFT

### **Drain #13 – Improvement Project from 20th Street SE to the outlet at the Red River**

Nathan Trosen indicated Moore Engineering, Inc. is preparing suggested project limits and preliminary design for the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River that are within the Board's funding ability. Mr. Trosen indicated following hydraulic modeling and facility inspections, Moore Engineering, Inc. is recommending an erosion repair project starting at the outlet and extending past the 20th Street SE crossing. Discussion was held on project alternatives and the funding capacity for those alternatives. The Board also discussed permitting for the project alternatives. The Board decided to proceed with the more comprehensive improvement project.

A motion was made by Manager Colwell and seconded by Manager Thompson to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for preconstruction engineering of the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River with a requested cost-share not to exceed \$165,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

### **Drain #13 – Magellan Pipeline**

Mr. Trosen noted Magellan is completing repairs to a pipeline where it crosses Drain #13. The property rights for the pipeline predate the drain therefore a utility permit cannot be required for the work, however Mr. Trosen has been in contact with Magellan regarding the repairs. Magellan has indicated they will stay in contact during construction and Moore Engineering, Inc. will be on site to ensure the drain is not damaged.

### **Surface drain permit forms and process**

Sean Fredricks discussed changes to the administrative code regarding surface drain permitting and complaints. The NDDWR has a new process for processing surface drain permits and complaints. Mr. Fredricks discussed the new process in more detail and indicated the NDDWR will no longer supply permit forms. Mr. Fredricks then reviewed sample surface drain permit documents that Water Resource Districts can use to ensure all requirements are met. Discussion was held on state permit requirements related to legal assessment drains.

### **Drain #26 – Improvement Project No. 2023-01**

The Board next considered *Application for Surface Drain No. 6896* regarding the Cass County Drain No. 26 Improvement Project No. 2023-01, a project to reconstruct the Drain 26 outlet to repair erosion and to stabilize the Drain 26 channel in Section 27 of Wiser Township, along Cass County Highway 34. The project will include installation of a rock chute to address the grade change from Drain 26 as the drain outlets into the Drain 13 channel. The project will also include offsetting the alignment to establish a flatter side slope at the Highway 34 shoulder along the project to prevent further sloughing near the road.

The Board submitted a surface drain application to NDDWR for the project. NDDWR completed its review of the project and application and concluded the project is not “of statewide or interdistrict significance.” NDDWR forwarded a Record of Decision dated











Water Development Plan: Not Included

G 2

# 1088195 - McKenna Lake Drainage - Final Design & Permitting

## Application Details

|                                                      |                                |                      |
|------------------------------------------------------|--------------------------------|----------------------|
| <b>Funding Opportunity:</b>                          | <b>Initial Submit Date:</b>    | May 19, 2026 3:53 PM |
| 1085949-July 2025 - June 2026 Infrastructure Request | <b>Initially Submitted By:</b> | Shelly Anderson      |
| <b>Funding Opportunity Due Date:</b>                 | <b>Last Submit Date:</b>       |                      |
| Jun 30, 2026 3:00 PM                                 | <b>Last Submitted By:</b>      |                      |
| <b>Program Area:</b>                                 |                                |                      |
| Funding for Infrastructure in ND - FIND              |                                |                      |
| <b>Status:</b>                                       |                                | Submitted            |
| <b>Stage:</b>                                        |                                | Final Application    |

## Contact Information

### Primary Contact Information

|                                 |                         |
|---------------------------------|-------------------------|
| <b>Active User*:</b>            | Yes                     |
| <b>Type:</b>                    | External User           |
| <b>Name:</b>                    | Mr.      Mandar         |
|                                 | Salutation   First Name |
| <b>Middle Name</b>              | Nangare                 |
|                                 | Last Name               |
| <b>Title:</b>                   |                         |
| Senior Water Resources Engineer |                         |
| <b>Email*:</b>                  | MNangare@barr.com       |
| <b>Address*:</b>                | 4585 Coleman Street     |

### Organization Information

|                                      |                       |
|--------------------------------------|-----------------------|
| <b>Status*:</b>                      | Approved              |
| <b>Name*:</b>                        |                       |
| Logan County Water Resource District |                       |
| <b>Organization</b>                  | Political Subdivision |
| <b>Type*:</b>                        |                       |
| <b>Tax Id:</b>                       |                       |
| <b>Organization</b>                  |                       |
| <b>Website:</b>                      |                       |
| <b>Address*:</b>                     | 5941 56th Ave SE      |

Suite 200

|                  |                |                |                     |                |                |
|------------------|----------------|----------------|---------------------|----------------|----------------|
|                  | Bismarck       | North Dakota   |                     | Gackle         | North Dakota   |
|                  | City           | State/Province |                     | City           | State/Province |
| 58503            |                |                | 58442-0000          |                |                |
| Postal Code/Zip  |                |                | Postal Code/Zip     |                |                |
| <b>Phone*:</b>   | (701) 255-5474 | Ext.           | <b>Phone*:</b>      | (701) 334-1381 | Ext.           |
|                  | Phone          |                |                     | ###-###-####   |                |
|                  | ###-###-####   |                | <b>Fax:</b>         | ###-###-####   |                |
| <b>Fax:</b>      | ###-###-####   |                | <b>Vendor ID:</b>   |                |                |
| <b>Comments:</b> |                |                | <b>PeopleSoft</b>   |                |                |
|                  |                |                | <b>Supplier ID:</b> |                |                |
|                  |                |                | <b>Comments:</b>    |                |                |
|                  |                |                | <b>Location</b>     |                |                |
|                  |                |                | <b>Code:</b>        |                |                |
|                  |                |                | <b>SAM UEI #:</b>   |                |                |
|                  |                |                | <b>SAM</b>          |                |                |
|                  |                |                | <b>Validation:</b>  |                |                |
|                  |                |                | <b>SAM</b>          |                |                |
|                  |                |                | <b>Expiration</b>   |                |                |
|                  |                |                | <b>Date:</b>        |                |                |
|                  |                |                | <b>SAM</b>          |                |                |
|                  |                |                | <b>Exclusion</b>    |                |                |
|                  |                |                | <b>Flag:</b>        |                |                |
|                  |                |                | <b>SAM Last</b>     |                |                |
|                  |                |                | <b>Updated:</b>     |                |                |

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| <b>Project Name*:</b> | McKenna Lake Drainage - Final Design & Permitting |
| <b>Sponsor(s)*:</b>   | Logan County Water Resource Board                 |
| <b>County*:</b>       | Logan                                             |



**City\*:** Napoleon

**Description of Request\*:** New

**Project Type:** Rural Flood Control

**If Project is a Study, What Type?:** Feasibility

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

Logan County Water Resource Board  
Logan County Commission  
City of Napoleon

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The Logan County Water Resource Board (Board) completed feasibility study (Study) in 2019 (SWC Project No. 2109) to address ongoing issues corresponding to the McKenna Lake Drainage. The Study identified concerns associated with groundwater and surface water; specifically high water levels in North McKenna Lake impacting downstream properties adversely. The Board developed two alternatives to manage the high water surface elevations in North McKenna Lake, and also coordinated with the Regulatory Division Staff (Staff) to discuss corresponding permitting framework. The Staff informed that the proposed project will likely be deemed to be of statewide or interdistrict significance. The Board also worked with the US Army Corps of Engineers (Corps) to discuss potential to secure Section 404 permit for the project. Based on the feedback from the Corps, the Board has selected preferred alternative which will be advanced to final design and permitting.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

Based on input from the Staff and from the Corps, as well as, concerns from area landowners, the Board has selected a preferred alternative to lower the North McKenna Lake by up to two feet without adding any fill within the Waters of the United States. The preferred alternative will also consist of moderate grading within the channel to maintain positive gradient towards natural flowpath. The proposed design is not intended to alter any changes to natural flow path of existing drainage. The Board is working with adjacent landowners to secure drainage easements for the proposed project. Upon completion, the Project is intended to lower the North McKenna Lake by up to 2 feet, which will create additional storage within McKenna Lake, thereby addressing long standing flooding issues at

downstream properties.

**Describe the Objectives or  
Goals Specific to This  
Application\*:**

The objective of this application is to advance the Project to final design, permitting, and bidding. The project is expected to require a drainage permit from the State Engineer. It is understood that the State Engineer will designate this as a drainage of statewide or interdistrict significance. The Board has previously coordinated with NDDEQ on potential water quality concerns and have completed water quality sampling at the North Lake. Based on the sampling results and corresponding feedback from NDDEQ staff, there doesn't appear to be water quality related concerns associated with McKenna Lake Drainage. The Board is in the process of communicating with Burleigh County Water Resource Board to discuss the proposed approach before finalizing the design and submitting permit application to the DWR for review.

**Describe the Scope of Work  
or Project Activities Specific  
to This Application\*:**

The scope of work for this application will entail the following:

1. Desktop Wetland Review
2. Hydraulic Modeling and Analysis
3. Outlet Channel Design and Construction Methodology
4. Permitting Support and 60% Drawings
5. Bidding Documents and Bidding Support

Additional details for these scope items can be found in the attached proposal document.

**For this project,**

|                                                           |                |
|-----------------------------------------------------------|----------------|
| <b>Choose City, County, Water<br/>District or Other*:</b> | Water District |
|-----------------------------------------------------------|----------------|

|                                                       |      |
|-------------------------------------------------------|------|
| <b>What is the Current<br/>Estimated Population*:</b> | 2000 |
|-------------------------------------------------------|------|

**For this project,**

|                                               |      |
|-----------------------------------------------|------|
| <b>What is the Benefited<br/>Population*:</b> | 2000 |
|-----------------------------------------------|------|

|                                                    |    |
|----------------------------------------------------|----|
| <b>Have Assessment Districts<br/>Been Formed*:</b> | No |
|----------------------------------------------------|----|

|                                                   |    |
|---------------------------------------------------|----|
| <b>Have Land or Easements<br/>Been Acquired*:</b> | No |
|---------------------------------------------------|----|

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

Yes

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

No

**Have You Applied for any State Permits?\***

No

**Have You Applied for any Local Permits?\***

No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***

Yes

**If Yes, Please Explain:**

The Board hasn't entered into formal negotiations with adjacent landowners yet and have only had conversations in the past about the project with these landowners. It may be possible that required drainage easement may take longer than anticipated but until the negotiations formally begin, the Board cannot be certain on how quickly they could be finalized. The Board has corresponded with the Corps, and for the proposed design, a Section 404 permit won't be required due to no fill.

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** December 2025

**Design Completion\*:** January 2027  
**Bid\*:** July 2027  
**Construction Start\*:** August 2027  
**Construction Completion\*:** December 2027

**Explain Additional Timeline****Issues\*:**

The alternatives evaluation was completed in December 2025. The final design and corresponding H&H modeling (60% design) will be completed for permitting by January 2027 (assuming project kick off by June 2026). It is assumed that Drainage Permit will be secured within 7 months by July 2027, at which time project will be issued to bid. Construction will begin in August 2027 with anticipated substantial completion by December 2027.

**Consulting Engineer\*:** Barr Engineering Co.  
**Engineer Direct Phone Number\*:** 701-255-5474  
**Engineer Email\*:** MNangare@barr.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

**Authorized Individual\*:** Shelly Anderson 05/18/2026  
First Name Last Name Date

|                                                                                                                                 |                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Title/Position/Authority*:</b>                                                                                               | Secretary                                                                                                            |
| <b>Address*:</b>                                                                                                                | 5941 56th Avenue SE<br>Address Line 1<br>Address Line 2<br><br>Gackle North Dakota 58442-0000<br>City State Zip Code |
| <b>Direct Phone Number*:</b>                                                                                                    | 701-334-1381                                                                                                         |
| <b>Sponsor Email*:</b>                                                                                                          | ShellyAnderson7878@yahoo.com                                                                                         |
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b>                                                               | Yes                                                                                                                  |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Adam Weigel<br>First Name Last Name                                                                                  |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Chairman                                                                                                             |
| <b>Authorized Signor Email:</b>                                                                                                 | AdamWeigel@bektel.com                                                                                                |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-325-0365                                                                                                         |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | Mike Horner<br>First Name Last Name                                                                                  |
| <b>Additional Board Member Title/Position:</b>                                                                                  | Member                                                                                                               |
| <b>Additional Board Member Email:</b>                                                                                           | marg@bektel.com                                                                                                      |
| <b>Additional Board Member Direct Phone Number:</b>                                                                             | 701-321-2843                                                                                                         |

## Documentation

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### *Documentation*



**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

Figure 1 McKenna Lake North Outlet Vicinity Map.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**

LCWRD Minutes March 2026.pdf

**Cover Letter:**

Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:**

No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:**

Preconstruction

**Is This a Water Supply Project?:**

No

**Is This a Rural Flood Control Project?:**

Yes

**Is This a Drain Reconstruction Project?:**

No

**Is This a Flood Recovery  
Property Acquisition  
Project?:** No

**If Request is for Construction  
of a Community Flood  
Control or Water Conveyance  
Project (Excluding  
Assessment Drain Projects),  
is the Total Construction  
Cost \$200,000 or More?:** No

**Sovereign Land Permit, if  
Required for Construction  
Request:**

**DWR Construction Permit, if  
Required for Construction  
Request:**

**Conditional Letter of Map  
Revision (CLOMR), if  
Required for Construction  
Request:**

**Has a Feasibility/Engineering  
Study Been Completed for  
the Project?:** Yes

**Feasibility/Engineering Study  
Material:** FINAL\_McKennaLake\_Report.pdf

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable  
Document(s):** Yes

**Other Applicable Document:** McKennaLake\_Proposal\_v3.pdf

**Other Applicable Document:**

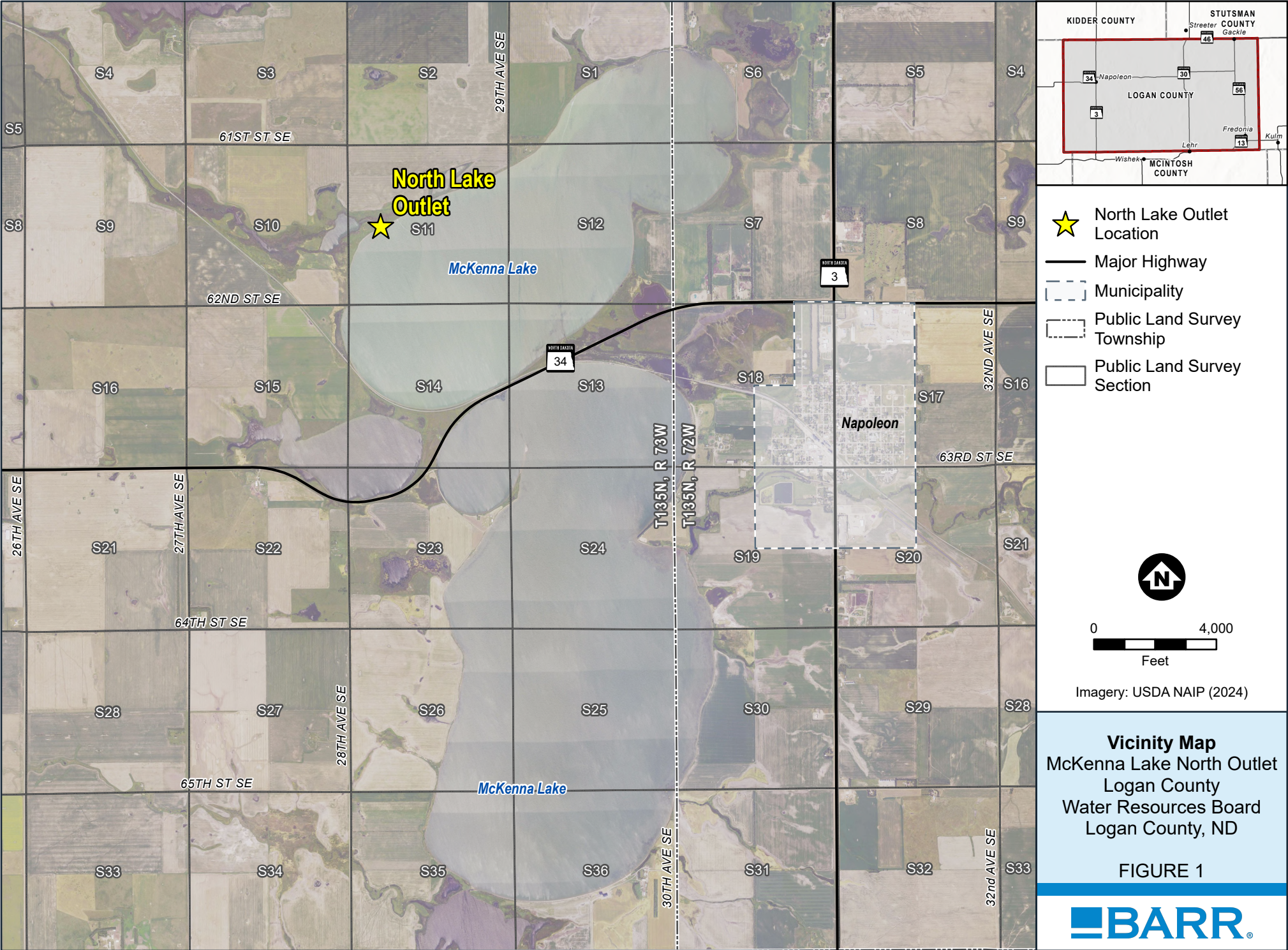
**Other Applicable Document:**

## Sources

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***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

| Source                                                                    | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status   | State                               | State                               | Beyond<br>Current<br>Biennium | Total Cost         | Type  | Term | Interest<br>Rate |
|---------------------------------------------------------------------------|-------------------------------------------|--------------------|-------------------------------------|-------------------------------------|-------------------------------|--------------------|-------|------|------------------|
|                                                                           |                                           |                    | Fiscal<br>Year 1<br>July to<br>June | Fiscal<br>Year 2<br>July to<br>June |                               |                    |       |      |                  |
| Department of<br>Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                           | Current<br>Request | \$55,375.00                         | \$20,000.00                         | \$0.00                        | \$75,375.00        | Grant | 0.00 | 0.00             |
|                                                                           |                                           |                    | <b>\$55,375.00</b>                  | <b>\$20,000.00</b>                  | <b>\$0.00</b>                 | <b>\$75,375.00</b> |       |      |                  |









May 18, 2026

Reice Haase  
Director,  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58504-5262

Re: Cost Share Request for North McKenna Lake Outlet Channel – Final Design, Permitting, &  
Construction Engineering Scope of Work  
Logan County, ND

Dear Director Haase,

Logan County Water Resource Board (Board) has been working on addressing ongoing issues associated with McKenna Lake and surrounding areas of City of Napoleon (City). Phase 1 consisted of “*McKenna Lake Hydrologic Study: Surface Water-Groundwater Modeling*”, April 2020 (Study), and evaluated alternatives for alleviating issues associated with high groundwater levels in the City and high-water tables in McKenna Lake (West and North McKenna Lake). Since the shallow groundwater system and surface hydrology of McKenna Lake and surrounding watershed are interrelated, any evaluation of alternatives to lower the Lake level and/or groundwater levels must account for this relationship. The Study also evaluated basis for complying with regulatory framework by evaluating elevations for proposed North Lake outlet which would be permitted by the Department of Water Resources. While some field data was collected, Phase 1 primarily relied on publicly available existing data.

Preliminary ideas screened in Phase 1 were further evaluated under Phase 2. Detailed groundwater hydrologic model with refined model grid and boundary limits, and detailed one-dimensional surface water hydraulic analysis by utilizing topographic survey were used to inform impacts of various alternatives screened during Phase 1. During execution of Phase 2, the Board learned of an existing stormsewer project in West Napoleon, sponsored by the City. The stormsewer project also consists of installation of drain tile to capture groundwater in areas within Napoleon. The City completed this project in October 2022. The Board decided to pause further efforts on addressing high groundwater table issues in the City, until performance of recently installed drain tile system can be validated. Among various alternatives evaluated under Phase 2, lowering North McKenna Lake (North Lake) by up to 2 ft and establishing a permanent outlet at the North Lake would lower the water surface elevation between the North Lake Outlet and railroad crossing downstream of the 27<sup>th</sup> Avenue culverts (See Project Map). This alternative also shows reduction in inundation extents on the private property near the North Lake Outlet.

Phase 3 was intended to advance the Project through permitting, final design, and bidding. However, during the environmental review and upon coordinating with the US Army Corps of Engineers (Corps), the Board learned about potential challenges to secure Section 404 permit from the Corps due to the control structure/sheet pile/weir being perceived as fill within the jurisdictional waters by the Corps. The Board evaluated several other alternatives to overcome this challenge, including an alternative alignment which would completely avoid work in the jurisdictional waters, thereby avoiding Corps jurisdiction and Section 404 permitting altogether. However, the Board was unable to get the corresponding landowner onboard with this design concept. Throughout this process, the Board proactively engaged in active communication with local leaders, residents, and landowners. Ultimately, the Board changed the original preferred

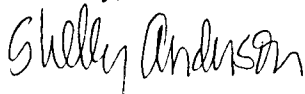
alternative which would require a slightly modified construction and constructability approach but will avoid requiring Section 404 permit from the Corps if no fill is placed within the jurisdictional waters. The Board also coordinated with the ND Department of Water Quality (ND DEQ) to discuss potential downstream water quality impacts should the Project be implemented. Under direction from the ND DEQ, the Board collected water quality sampling and developed a baseline water quality analysis and findings and submitted proactively to the ND DEQ for feedback. Based on the results, the ND DEQ does not appear to have any water quality concerns from proposed Project and have agreed to issue no objection to the Project when the agency's feedback on the Drainage Permit is solicited. Phase 3 was completed in December 2025 with a preferred alternative ready to be advanced to final design, permitting, and bidding.

Under the current phase, a desktop wetland delineation review will be completed to supplement and complement the limited wetland delineation previously completed to confirm any wetland impacts of the proposed preferred alternative. A detailed hydraulic analysis will be performed by utilizing 1D HEC-RAS to support the permitting and design effort. Earlier conversations with the Regulatory Division staff have indicated that the State Engineer will most likely designate this to be a drainage of statewide or interdistrict significance. The Board will also coordinate with downstream stakeholders such as the Burleigh County Water Resource Board, and any input from the stakeholders will be incorporated into hydraulic analysis to inform the design. The proposed design is intended to lower North McKenna Lake by up to 2 ft without any adverse impacts to downstream conditions. Hydraulic analysis is critical path item to meet that goal. At 60% design completion, the Board plans to submit Drainage Permit Application for State Engineer review. The Board will also work to secure drainage easements for the Project. Once the permit is approved and easements are secured, Project will be advanced to bid-ready package. Bids will be issued and a qualified contractor is expected to be selected by the end of this phase.

Total cost for current phase is expected to be \$167,500. We respectfully request the Commission to approve 45% share request for \$75,375. Requested cost share percentage is consistent with previously approved cost share for the Project.

Should you have any questions, please contact me at (701) 334-1381 or ShellyAnderson7878@yahoo.com

Sincerely,

A handwritten signature in cursive script that reads "Shelly Anderson".

Shelly Anderson  
Logan County Water Resource Board Secretary

Logan County Water Resource District  
March 9, 2026  
Conference Call  
7:30pm

The meeting was called to order by Chairman, Adam Weigel.

Present: Shelly Anderson, Mike Horner, and Adam Weigel.

Also Present: Mandar Nangare – Barr Engineering Co.

The minutes from the Feb 9th regular meeting were read. Shelly moved, second by Mike to approve the minutes. All in favor - motion carried.

A discussion was held on the North McKenna Lake Outlet Channel – Final Design, Permitting, & Construction Engineering Scope of Work received from Barr Engineering.

The LCWRD received the North McKenna Lake Outlet Channel – Final Design, Permitting, & Construction Engineering Scope of Work on February 9<sup>th</sup> and has reviewed it. After discussing it Shelly made a motion to approve the North McKenna Lake Outlet Channel – Final Design, Permitting, & Construction Engineering Scope of Work. Second by Mike. A roll call vote was taken. Mike - Aye, Shelly – Aye, Adam – Aye. Motion carried.

Shelly made a motion to submit a cost share request to the DWR, second by Mike. A roll call vote was taken. Mike – Aye, Shelly – Aye, Adam – Aye. Motion carried.

A discussion was held on contacting the City of Napoleon for an update with landowner communication. Adam will make contact this week.

Receipts: Logan County \$17,049.29

Bill received: Logan County - Insurance \$710.00

Mike moved, second by Shelly to pay the bills received. All in favor - motion carried.

Meeting adjourned.



February 9, 2026

Adam Weigel,  
Chairman,  
Logan County Water Resource Board  
7042 46<sup>th</sup> Ave SE,  
Wishek, ND 58495

**Re: North McKenna Lake Outlet Channel – Final Design, Permitting, & Construction Engineering Scope of Work**

Dear Chairman Weigel:

Barr Engineering Co. (Barr) is pleased to present this scope of work for the final design, permitting, and construction engineering services associated with the North McKenna Lake Outlet Channel (Project) to the Logan County Water Resource Board (Board). This letter proposal presents our understanding of work, proposed scope of services, service assumptions, and associated cost estimate for providing engineering services for the design, development of construction documents, and permitting support for the Project. The scope of services provided in this proposal is based on discussions with the Board, correspondence with the state and federal regulatory agencies, City of Napoleon, and the past surface and groundwater modeling efforts for McKenna Lake. The remainder of this proposal is broken down into the following sections:

- Understanding of work
- Proposed scope of services
- Cost and schedule estimates
- Key project team members

## **1 Understanding of Work**

The City of Napoleon and portions of Logan County have been experiencing high water in the area since the late 1990s. Impacts of the high water has included high groundwater in the City of Napoleon, which has impacted basements and the City streets, and high surface water from the lake impacting agricultural land.

The Board retained Barr in 2019 to conduct groundwater and surface water modeling of the area to determine potential alternatives to reduce impacts caused by the high-water levels. These analyses found that lowering of the North McKenna Lake, combined with pumping the groundwater would yield the most benefit. The analyses also found that the modifications needed to lower the West McKenna Lake sufficiently to meet the project goals southeast of the railroad are not practical. However, lowering the North McKenna Lake outlet will reduce the water surface elevation between the outlet and the railroad crossing.

## **2 Proposed Scope of Services**

The Barr team will provide technical services related to the lowering of the North Lake outlet by up to two (2) feet. The technical services will include design of the lowered outlet and associated hydraulic analysis, development of construction documents and technical specifications, and permitting support. Key project

7042 46<sup>th</sup> Ave SE,  
Wishek, ND 58495

February 9, 2026  
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tasks and associated deliverables and assumptions are outlined in the proposed work plan detailed below.

## **2.1 Task 1: Desktop Wetland Review**

Barr previously conducted wetland delineation within a portion of the project footprint. Based on multiple discussions with the US Army Corps of Engineers (USACE), it was determined that if no fill is placed in wetlands, a Section 404 permit will not be required by the USACE. A desktop wetland review will be conducted as part of this project to verify potential wetland impacts. The desktop wetland review will extend the previously surveyed wetland delineation boundaries. This review would be completed using the previously collected field data in addition to publicly available data for soil conditions, National Wetland Inventory, and multiple years of aerial imagery.

### **Deliverables**

- Figure depicting the desktop wetland delineation results
- Shapefiles of the revised wetland boundaries

### **Assumptions**

- Based on discussions with USACE, it is anticipated the desktop review will be sufficient as long as no fill is placed within the North Outlet Channel or any wetlands

## **2.2 Task 2: Hydraulic Modeling and Analysis**

Barr will update the existing HEC-RAS 1-Dimensional hydraulic model in support of permitting and design tasks. The model updates will include:

- Transition the North and West McKenna Lake storage areas to a 2-Dimensional (2-D) mesh. Revise the North Lake Outlet Channel within the existing model extents to be 2-D.
- Obtain the effective hydraulic model from FEMA or ND DWR for the McKenna Coulee south of Napoleon. Incorporate this model into the project HEC-RAS model.
- Evaluate the hydrology used in the current model versus the Flood Insurance Study hydrology. Conduct sensitivity analysis of the various hydrology data sets.
- If the hydrology needs to be revisited, the project team will use USGS Regression equations for any updates to the flows used in the hydraulic model.
- The model will evaluate the 10%, 2%, and 1% Annual Exceedance Probability (AEP) flood events

Once the hydraulic model is updated, Barr will conduct an analysis with up to 2-foot lowered outlet channel to verify the proposed changes meet the project objectives and will be feasible to permit. This analysis includes evaluation of existing FEMA mapped stages for the 1% AEP flood event.

### **Deliverables**

- Technical Memorandum (Memo) associated with the hydraulic analysis. The Memo will be part of the drainage permit application supporting documentation.



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Wishek, ND 58495

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### **Meetings**

- In-person meeting with the Board to review the model results and anticipated project benefits

### **Assumptions**

- The McKenna Coulee effective model will be available from FEMA or ND DWR for use during this project.
- Survey collected prior to this project will be sufficient to develop the HEC-RAS model.

## **2.3 Task 3: Outlet Channel Design and Construction Methodology**

The hydraulic model developed in Task 2 will be used to optimize the design of the outlet channel and develop the methodology for the initial lowering of the lake during construction. This task includes:

- Using the hydraulic model developed in Task 2 to size the outlet channel and design any revetment necessary to ensure the long-term viability of the constructed project.
- Barr will conduct hydraulic sensitivity analysis with 3 different lake levels (based on review of the lake stage data) to determine the timing and approach to lower the lake level during construction. A normal flow condition for the contributing streams will be approximately determined based on aerial imagery. This task will ensure no adverse impacts to downstream landowners as water is released from the lake during construction of the lowered channel. The design will need to achieve the no-rise criteria are achieved sufficient to avoid the need for a FEMA Letter of Map Revision for the project.
- Develop up to three (3) preliminary CAD plan sheets showing the proposed project layout based on the hydraulic evaluation
- AACE Class 3 project cost estimate

### **Deliverables**

- A 3-5 page Memo documenting the construction approach for lowering the lake level during construction
- Up to three (3) preliminary CAD plan sheets of the proposed project layout

### **Meetings**

- One in-person meeting with the Board to review the proposed construction process, preliminary layout, and cost estimate

### **Assumptions**

- Includes one round of edits to the preliminary plan sheets to incorporate feedback from the Board
- The Class 3 project cost estimate will be developed based on 10-40% design completion per AACE International Recommended Practice No. 18R-97. The costs will change with advancement of design but will be provided with a -20% and +30% accuracy range to provide an expected range of cost to implement improvements.

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Wishek, ND 58495

February 9, 2026  
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## **2.4 Task 4: Permitting Support and 60% Design Drawings**

Once the Board has reviewed the preliminary layout and Board comments have been incorporated, the project team will develop the permitting documents and 60% design drawings.

Permitting is a critical milestone for the Project. Based on previous correspondence with the ND DWR Office of the State Engineer (OSE), the OSE staff has indicated the Project will require a Drainage Permit from the State Engineer, and the Project will be designated as Drainage of Statewide or Interdistrict Significance according to NDAC § 89-02-01-09. As part of permitting process, the OSE will solicit comments from other state and federal agencies. As noted above in Task 2.1, as long as no fill is placed within existing wetlands, the USACE Section 404 permit may not be required. Barr previously worked with ND Department of Environmental Quality (ND DEQ) to understand their potential concerns associated with McKenna Lake water quality. Based on input and feedback from ND DEQ, Barr completed water quality sampling and testing of McKenna Lake in January 2024. Preliminary results were shared with ND DEQ in March 2024. The ND DEQ staff expressed no water quality related concerns. Indicating that the agency would have no objection to future drainage permit application. Barr also coordinated with Jerry Heiser, Sovereign Lands Program Manager with the OSE, to confirm if a Sovereign Lands Permit will be required. Mr. Heiser determined that the OSE does not identify McKenna Lake as navigable waters of the state and therefore, a Sovereign Lands permit will not be required. The OSE will also solicit comments and feedback from the public on the drainage permit application.

Under this task, Barr will assist the Board in compiling information to develop a permit application. Barr will work collaboratively with the Board and the Board's legal counsel to prepare for and attend the public meeting hosted by the OSE as part of the drainage permit application.

The design will progress to 60% during this task and design drawings will be developed for the purpose of supporting permit applications.

### **Deliverables**

- 60% design drawings
- Permit applications and supporting documentation

### **Meetings**

- One in-person meeting with the Board to prepare for the public meeting
- In-person public meeting associated with the drainage permit application

### **Assumptions**

- Barr will develop drainage permit application and supporting technical documentation per the direction of Board's legal counsel
- A Drainage Permit from the State Engineer is the only anticipated permit. No federal permits will be required.
- Landowner easements will be negotiated separately by the Board's legal counsel by working with the Board and landowners and are not part of the scope of work described in this task.

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Wishek, ND 58495

February 9, 2026  
Page 5

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- The design will be sufficient to achieve a no-rise and avoid a FEMA Letter of Map Revision. No FEMA permitting is included in this scope.
- The scope assumes there will not be public opposition to the project. If there is public opposition that requires revisions to the proposed design then additional design scope will be coordinated with the Board.

## **2.5 Task 5: Bidding Documents, Bidding Support, Operation and Maintenance Manual (O&M)**

The project team will begin developing the bidding documents after the Task 4 permits have been submitted, agency feedback received, and the Board agrees to proceed. The bidding documents and bidding support task will include:

- Construction plan, profiles, and details sufficient for public procurement and construction
  - Assumed plan sheets:
    - Cover sheet (1 sheet)
    - Site plan/general arrangement drawing (1 sheet)
    - Site Access and temporary easements
    - Existing conditions, erosion control, and proposed conditions (up to 5 sheets)
    - Details (up to 3 sheets)
  - 90% drawings submitted for Board review.
  - Issue for bid drawings for use in contracting.
- Construction specifications detailing the project features and the construction approach defined in Task 3
  - Issue for bid technical specifications and front-end documents
  - Some front-end documents will need to be supplied by the Board if there are specific contractor insurance requirements and other specific bidding requirements
- AACE Construction Class I cost estimate
- Barr will provide bidding support, including,
  - Participation in a pre-bid meeting for interested contractors
  - Respond to questions about the design from bidders
  - Issue up to two addenda to bid documents
- Barr will develop an O&M Manual for the project to document the regular and recurring maintenance that will be required for the project to operate as designed. To minimize permitting requirements, the project will limit the amount of fill within the channel (and hard armoring). Instead, more natural materials will be used for erosion protection, which will require more frequent, long-term maintenance of the project. The O&M Manual will likely be a permit requirement for the project.
  - Draft of a 3-5 page technical memo highlighting the required maintenance items
  - A table describing the required inspection items, maintenance items, and their recurrence.

Adam Weigel,  
Chairman,  
Logan County Water Resource Board

7042 46<sup>th</sup> Ave SE,  
Wishek, ND 58495

February 9, 2026  
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#### **Deliverables**

- 90% drawings, specifications, and cost estimate
- IFB drawings, specifications, and cost estimate
- Design Memo (5-10 page) documenting the model results and key design assumptions
- O&M Manual (3-5 page) documenting the required maintenance items and intervals

#### **Meetings**

- Pre-bid meeting (attend virtually)
- Bid opening (attend virtually)

#### **Assumptions**

- The board will advertise, collect, and open bids
- Bidding will be managed by the board and occur via an electronic platform
- Construction cost estimate will be a Class I based on 65-100% design completion per AACE International Recommended Practice No. 17R-97. The costs will change will be provided with a - 10% and +15% accuracy range to provide an expected range of cost to implement improvements.
- Barr will provide linework defining all temporary or permanent easements. The acquisition and any survey required for these easements will be coordinated and obtained by the Board.

### **3 Estimated Cost and Schedule**

The estimated cost and the proposed schedule for the design of the McKenna Lake Outlet Channel is provided in Table 1 below.

Adam Weigel,  
Chairman,  
Logan County Water Resource Board

7042 46<sup>th</sup> Ave SE,  
Wishek, ND 58495

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**Table 1. Estimated cost and completion dates**

| Task # and Description                                     | Estimated Cost | Estimated Completion Dates |
|------------------------------------------------------------|----------------|----------------------------|
| Notice to Proceed                                          | -              | March 20, 2026             |
| Task 1: Desktop Wetland Review                             | \$3,500        | March 27, 2026             |
| Task 2: Hydraulic Modeling and Analysis                    | \$20,000       | April 3, 2026              |
| Task 3: Outlet Channel Design and Construction Methodology | \$40,000       | June 5, 2026               |
| Task 4: Permitting Support and 60% Drawings                | \$65,000       | August 25, 2026            |
| Task 4: Bidding Documents and Bidding Support              | \$39,000       | March 16, 2027             |
| <b>Project Total:</b>                                      |                | <b>\$167,500</b>           |

#### **4 Key Project Team Members**

Barr proposes the following key team members for this project:

- Jason Westbrook – Principal-In-Charge
- Mandar Nangare – Project Manager
- Tyler Conley – Permitting Lead
- Mark Origer – Civil Design Lead
- Adam Howard – Hydraulics and Hydrology Lead

We propose to complete this work on a time and expense basis and will begin work as soon as the Board provides notice to proceed. Barr will complete the proposed scope of work in accordance with the Master Agreement for Professional Engineering Services dated April 20, 2017.

We appreciate the opportunity to continue providing engineering services to the Logan County Water Resource Board and look forward to working with you on this project. If you have any questions about this proposal, please contact Mandar Nangare at [mnangare@barr.com](mailto:mnangare@barr.com) (701-255-5474).

Sincerely,

BARR ENGINEERING CO.



Jason Westbrook

Its Vice President



Adam Weigel,  
Chairman,  
Logan County Water Resource Board

7042 46<sup>th</sup> Ave SE,  
Wishek, ND 58495

February 9, 2026  
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Accepted this \_\_\_\_\_ day of \_\_\_\_\_, 2025

Logan County Water Resource Board

By \_\_\_\_\_

Its \_\_\_\_\_

# 1088312 - Cass Drain 26 Channel Improvements 2023

## Application Details

---

**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 30, 2026 10:12 AM  
**Initially Submitted By:** Melissa Hinkemeyer  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Melissa Middle Name Rotzien  
First Name Last Name  
**Title:**  
**Email\*:** melissa.rotzien@mooreengineeringinc.com  
**Address\*:** 4503 Coleman Street, Suite 105  
  
Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** 701-751-8374 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** North Cass Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:**

**Organization Website:**

**Address\*:** 1201 Main Ave W

West Fargo North Dakota 58078-1301  
City State/Province Postal Code/Zip

**Phone\*:** (701) 261-1420 Ext.  
###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** Cass Drain 26 Channel Improvements 2023

**Sponsor(s)\*:** North Cass Water Resource District

**County\*:** Cass

**City\*:** Argusville

**Description of Request\*:** New

**Project Type:** Rural Flood Control

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

North Cass Water Resource District and adjacent landowners.

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The last half mile of this drain is located in Wiser Township Sections 27 and 28 and experiences slope failures along the banks.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed solution includes replacing the 171st Ave SE crossing, regrading the channel to improve flow and reduce erosion, and installing erosion protection at culverts.

**Describe the Objectives or Goals Specific to This Application\*:**

The objective of this application is to obtain DWR approval of eligible construction project costs.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of work includes the construction of the project, and all "soft costs" associated with the construction phase (i.e., construction engineering, project inspection, legal survey, and utility coordination).

**For this project,**

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |     |
|---------------------------------------------------|-----|
| <b>What is the Current Estimated Population?*</b> | 500 |
|---------------------------------------------------|-----|

**For this project,**

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population?*</b> | 500 |
|-------------------------------------------|-----|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed?*</b> | Yes |
|------------------------------------------------|-----|

|                     |            |
|---------------------|------------|
| <b>Date Formed:</b> | 06/11/2001 |
|---------------------|------------|

|                                               |         |
|-----------------------------------------------|---------|
| <b>Have Land or Easements Been Acquired?*</b> | Ongoing |
|-----------------------------------------------|---------|

|                                                                                                                                         |    |
|-----------------------------------------------------------------------------------------------------------------------------------------|----|
| <b>Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*</b> | No |
|-----------------------------------------------------------------------------------------------------------------------------------------|----|

**Are There Any Road Improvements Included as Part of the Project?\*** Yes

**If Yes, Describe the Condition of Drinking Water, Sanitary and Storm Sewer Utilities. When Were the Last Improvements Made to Any Underground Infrastructure? Give Approximate Years for Water Improvements and Sanitary and Storm Sewer Improvements.:**

No existing water or sanitary sewer utilities. Existing culverts are replaced with this proposed project.

**Have You Applied For Any Federal Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

Clean Water Act Section 404 - NWP 3 or 41. No USACE Regulatory File number received at the time of this application.

**Have You Been approved for any Federal Permits?:** Ongoing

**If Yes or Ongoing, Please Explain (include type/number):**

Clean Water Act Section 404 - NWP 3 or 41. No USACE Regulatory File number received at the time of this application.

**Have You Applied for any State Permits?\*** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

Surface Drain Permit No. 6896 approval received 6/23/2026. Record of Decision is attached.

**Have You Been Approved for any State Permits?:** Yes

**If Yes or Ongoing, Please Explain (include type/number):**

Surface Drain Permit No. 6896 approval received 6/23/2026. Record of Decision is attached.

**Have You Applied for any Local Permits?\*** No



**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?**  
\*:

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 6/1/2025

**Design Completion\*:** 7/1/2026

**Bid\*:** 9/1/2026

**Construction Start\*:** 10/1/2026

**Construction Completion\*:** 7/1/2027

**Explain Additional Timeline Issues\*:**

-

**Consulting Engineer\*:** Nathan Trosen, PE, Moore Engineering, Inc.

**Engineer Direct Phone Number\*:** 701-551-1060

**Engineer Email\*:** nathan.trosen@mooreengineeringinc.com

### ***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

|                                                                                                                                 |                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Authorized Individual*:</b>                                                                                                  | Melissa Hinkemeyer 06/30/2026<br>First Name Last Name Date                                                           |
| <b>Title/Position/Authority*:</b>                                                                                               | Director, Secretary                                                                                                  |
| <b>Address*:</b>                                                                                                                | 1201 Main Ave W<br>Address Line 1<br>Address Line 2<br><br>West Fargo North Dakota 58078-0000<br>City State Zip Code |
| <b>Direct Phone Number*:</b>                                                                                                    | 701-298-2384                                                                                                         |
| <b>Sponsor Email*:</b>                                                                                                          | hinkemeyerm@casscountynd.gov                                                                                         |
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b>                                                               | Yes                                                                                                                  |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Ken Lougheed<br>First Name Last Name                                                                                 |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Chairman                                                                                                             |
| <b>Authorized Signor Email:</b>                                                                                                 | kenrlougheed@gmail.com                                                                                               |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-238-0830                                                                                                         |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | Robert Thompson<br>First Name Last Name                                                                              |
| <b>Additional Board Member Title/Position:</b>                                                                                  | Vice-Chairman                                                                                                        |
| <b>Additional Board Member Email:</b>                                                                                           | tsi@ictc.com                                                                                                         |
| <b>Additional Board Member Direct Phone Number:</b>                                                                             | 701-238-1511                                                                                                         |

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

[CLICK HERE to see examples.](#)

**Project Specific Map**

23222\_DWR\_Exhibit\_20251020\_r.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**

23222\_Minutes\_2026-06-23 - DRAFT.pdf

**Cover Letter:**

23222\_NCWRD\_D26\_Construction\_CoverLetter\_20260622\_Signed.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:**

No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

23222\_Delineation\_20260626.xlsx

**Type of Request:**

Construction

**Signed Plans and Specifications For Bidding:**

23222\_Drain26-2023Improvement-Plans\_final\_Signed.pdf

**Is This a Water Supply Project?:**

No

**Is This a Rural Flood Control Project?:**

Yes

**Approved Drainage Permit:**

DR\_6896\_ROD.pdf

**Results Of Positive Assessment Vote:**

23222\_AssessmentVote\_Note.pdf

**Is This a Drain Reconstruction Project?:**

Yes

**Sediment Analysis:**

23222\_SedimentSheet\_20260619.pdf

**Is This a Flood Recovery Property Acquisition Project?:**

No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:**

No

Sovereign Land Permit, if  
Required for Construction  
Request:

DWR Construction Permit, if  
Required for Construction  
Request:

Conditional Letter of Map  
Revision (CLOMR), if Required  
for Construction Request:

Has a Feasibility/Engineering  
Study Been Completed for the  
Project?: Yes

Feasibility/Engineering Study  
Material: 23222\_CassD26\_Precon\_HydraulicReport\_20231013.pdf

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

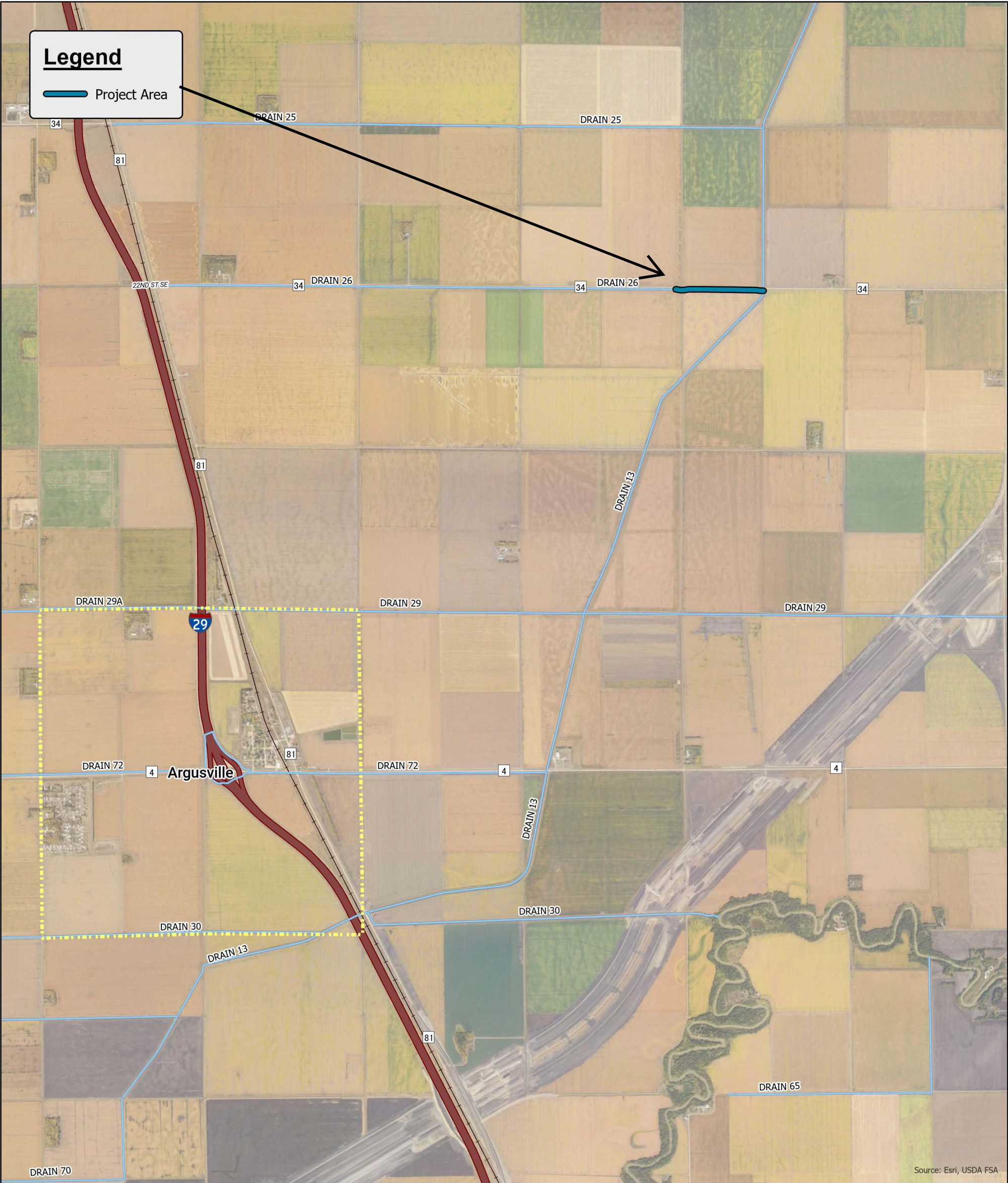
Other Applicable Document(s):

## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

| Source                                                                 | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State                               |                                           |                               | Total Cost          | Type  | Term | Interest<br>Rate |
|------------------------------------------------------------------------|-------------------------------------------|---------------------|-------------------------------------|-------------------------------------------|-------------------------------|---------------------|-------|------|------------------|
|                                                                        |                                           |                     | Fiscal Year<br>1<br>July to<br>June | State Fiscal<br>Year 2<br>July to<br>June | Beyond<br>Current<br>Biennium |                     |       |      |                  |
| Other                                                                  | Local                                     | Already<br>Approved | \$0.00                              | \$336,768.91                              | \$0.00                        | \$336,768.91        | Grant | 0.00 | 0.00             |
| Other                                                                  | Cass<br>County                            | Already<br>Approved | \$0.00                              | \$11,749.26                               | \$0.00                        | \$11,749.26         | Grant | 0.00 | 0.00             |
| Department of<br>Water<br>Resources Cost<br>Share Pre-<br>Construction |                                           | Already<br>Approved | \$40,140.00                         | \$0.00                                    | \$0.00                        | \$40,140.00         | Grant | 0.00 | 0.00             |
| Department of<br>Water<br>Resources Cost<br>Share<br>Construction      |                                           | Current<br>Request  | \$0.00                              | \$284,964.30                              | \$0.00                        | \$284,964.30        | Grant | 0.00 | 0.00             |
|                                                                        |                                           |                     | <b>\$40,140.00</b>                  | <b>\$633,482.47</b>                       | <b>\$0.00</b>                 | <b>\$673,622.47</b> |       |      |                  |





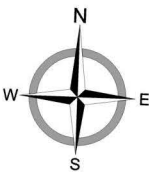
Source: Esri, USDA FSA



# CASS COUNTY DRAIN 26

## CASS COUNTY, NORTH DAKOTA

Created By: KMV Date Created: 10/20/2025 Date Saved: 10/20/25 Date Exported: 10/20/25  
Exported By: kyle.volk Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A  
Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
T:\Projects\23200\23222\10\_ArcPro\23222\_DWR\_Exhibit\23222\_DWR\_Exhibit.aprx





FILE LOCATION: R:\Projects\23000\23222\CIVIL\PRODUCTION\23222\_ProjectLayout.dwg



REGISTERED PROFESSIONAL ENGINEER

NATHAN H. TROSEN

PE-27427

Nathan Trosen

DATE: 06.25.2026

NORTH DAKOTA

moore

engineering, inc.

PROJECT LAYOUTS  
CASS DRAIN 26 CHANNEL IMPROVEMENTS 2023  
NORTH CASS WATER RESOURCE DISTRICT  
CASS COUNTY, NORTH DAKOTA  
EROSION & SURVEY CONTROL

|             |            |
|-------------|------------|
| DATE:       | 06.17.2026 |
| REV DATE:   | ---        |
| REV NUM:    | ---        |
| RECORD:     | ---        |
| PROJECT No. | 23222      |
| MANAGER:    | NHT        |
| DESIGNER:   | ZAC        |
| DRAFTER:    | DWA        |
| REVIEWER:   | KLO        |



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received : June 30, 2026

**PRE-BID AMOUNTS**

|            |                                         |
|------------|-----------------------------------------|
| Date :     | 6/26/26                                 |
| Project :  | Cass Drain 26 Channel Improvements 2023 |
| Sponsor :  | North Cass Water Resource District      |
| Contact :  | Melissa Hinkemeyer, Director, Secretary |
| Phone :    | (701) 298-2384                          |
| Engineer : | Nate Trosen, PE, Moore Engineering      |
| Phone :    | 701.551.1060                            |

|                   |            |                     |            |
|-------------------|------------|---------------------|------------|
| Total Cost :      | \$ 690,814 | Total Cost-Share* : | \$ 319,766 |
| Ineligible Cost : | \$ 149,870 | Other Eligible :    | \$ -       |
| Eligible Cost :   | \$ 540,944 | Preconstruction :   | \$ 40,140  |
| Local Cost :      | \$ 371,047 | Construction :      | \$ 279,626 |

| Project Type:                             | Cost-share % |
|-------------------------------------------|--------------|
| Rural Flood Control - Assessment Drain(s) | 60%          |

|      | Cost Classification | Quantity                                                                    | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|------|---------------------|-----------------------------------------------------------------------------|------|------------|-------|--------------|---------------|
| Item | % of Cost           | <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b> |      |            |       |              |               |
| 1    | 0.0%                | 0                                                                           |      | -          | \$ -  | 60%          | \$ -          |
| 2    | 0.0%                | 0                                                                           |      | -          | \$ -  | 60%          | \$ -          |
|      | 0.0%                | <b>Other Eligible Total</b>                                                 |      |            | \$ -  | 60%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |       |                       |   |    |           |              |           |              |
|----------------------------------------------------------------------------|-------|-----------------------|---|----|-----------|--------------|-----------|--------------|
| 3                                                                          | 5.9%  | Final Design          | 1 | LS | 40,900.00 | \$ 40,900.00 | 60%       | \$ 24,540.00 |
| 4                                                                          | 0.3%  | Permitting            | 1 | LS | 2,000.00  | \$ 2,000     | 60%       | \$ 1,200.00  |
| 5                                                                          | 4.6%  | Preliminary Design    | 1 | LS | 32,000.00 | \$ 32,000    | 45%       | \$ 14,400.00 |
| 6                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 60%       | \$ -         |
| 7                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 60%       | \$ -         |
|                                                                            | 10.8% | Preconstruction Total |   |    |           | \$ 74,900.00 | 45% - 60% | \$ 40,140.00 |

Preconstruction previously approved.

|                                |       |                                      |   |    |           |              |     |              |
|--------------------------------|-------|--------------------------------------|---|----|-----------|--------------|-----|--------------|
| Construction Engineering Costs |       |                                      |   |    |           |              |     |              |
| 8                              | 4.6%  | Engineering - Construction           | 1 | LS | 31,500.00 | \$ 31,500.00 | 60% | \$ 18,900.00 |
| 9                              | 1.2%  | Legal Survey & Monumentation         | 1 | LS | 8,000.00  | \$ 8,000.00  | 60% | \$ 4,800.00  |
| 10                             | 7.2%  | Utilities - Construction             | 1 | LS | 50,000.00 | \$ 50,000.00 | 60% | \$ 30,000.00 |
| 11                             | 0.7%  | Engineering - Utilities Construction | 1 | LS | 5,000.00  | \$ 5,000.00  | 60% | \$ 3,000.00  |
| 12                             | 0.0%  |                                      |   |    |           | \$ -         | 60% | \$ -         |
| 13                             | 0.0%  |                                      |   |    |           | \$ -         | 60% | \$ -         |
| 14                             | 0.0%  |                                      |   |    |           | \$ -         | 60% | \$ -         |
| 15                             | 0.0%  |                                      |   |    |           | \$ -         | 60% | \$ -         |
|                                | 13.7% | Construction Engineering Total       |   |    |           | \$ 94,500    | 60% | \$ 56,700.00 |

|    |       |                                              |       |           |           |               |     |               |
|----|-------|----------------------------------------------|-------|-----------|-----------|---------------|-----|---------------|
| 16 | 3.6%  | Mobilization                                 | 1     | LS        | 25,000.00 | \$ 25,000.00  | 60% | \$ 15,000.00  |
| 17 | 0.0%  | Bonding                                      | 0     |           | -         | \$ -          | 60% | \$ -          |
| 18 | 0.0%  | Insurance                                    | 0     |           | -         | \$ -          | 60% | \$ -          |
| 19 | 0.2%  | Culvert - Remove (All Types & Sizes)         | 64    | L.F.      | 20.00     | \$ 1,280.00   | 60% | \$ 768.00     |
| 20 | 5.1%  | CSPA - 128" x 83"                            | 70    | L.F.      | 500.00    | \$ 35,000.00  | 60% | \$ 21,000.00  |
| 21 | 0.7%  | Select Backfill                              | 110   | C.Y.      | 45.00     | \$ 4,950.00   | 60% | \$ 2,970.00   |
| 22 | 2.5%  | Riprap - Class IV                            | 175   | C.Y.      | 100.00    | \$ 17,500.00  | 60% | \$ 10,500.00  |
| 23 | 0.2%  | Riprap Filter Blanket                        | 260   | S.Y.      | 4.00      | \$ 1,040.00   | 60% | \$ 624.00     |
| 24 | 0.1%  | Gravel - NDDOT Class 13                      | 20    | C.Y.      | 45.00     | \$ 900.00     | 60% | \$ 540.00     |
| 25 | 0.0%  | Geotextile Fabric                            | 80    | S.Y.      | 4.00      | \$ 320.00     | 60% | \$ 192.00     |
| 26 | 0.4%  | Traffic Control                              | 1     | L.S.      | 2,500.00  | \$ 2,500.00   | 60% | \$ 1,500.00   |
| 27 | 0.7%  | Material Testing                             | 1     | allowance | 5,000.00  | \$ 5,000.00   | 60% | \$ 3,000.00   |
| 28 | 2.2%  | Topsoil - Stripping & Spreading              | 0.5   | Mile      | 30,000.00 | \$ 15,000.00  | 60% | \$ 9,000.00   |
| 29 | 10.5% | Excavation - Common                          | 24235 | C.Y.      | 3.00      | \$ 72,705.00  | 60% | \$ 43,623.00  |
| 30 | -1.2% | Dredging/Sediment Removal (for Drain Recon.) | -2696 | CY        | 3.00      | \$ (8,088.00) | 60% | \$ (4,852.80) |
| 31 | 2.2%  | Spoil Bank Leveling                          | 0.5   | Mile      | 30,000.00 | \$ 15,000.00  | 60% | \$ 9,000.00   |
| 32 | 0.7%  | Culvert - Remove (All Types & Sizes)         | 227   | L.F.      | 20.00     | \$ 4,540.00   | 60% | \$ 2,724.00   |
| 33 | 1.3%  | CSP - 18"                                    | 200   | L.F.      | 45.00     | \$ 9,000.00   | 60% | \$ 5,400.00   |
| 34 | 0.8%  | CSP - 24"                                    | 100   | L.F.      | 55.00     | \$ 5,500.00   | 60% | \$ 3,300.00   |
| 35 | 1.0%  | CSP - 30"                                    | 100   | L.F.      | 70.00     | \$ 7,000.00   | 60% | \$ 4,200.00   |
| 36 | 0.2%  | Flared End Section - 18" CSP                 | 4     | Each      | 350.00    | \$ 1,400.00   | 60% | \$ 840.00     |
| 37 | 0.1%  | Flared End Section - 24" CSP                 | 2     | Each      | 450.00    | \$ 900.00     | 60% | \$ 540.00     |
| 38 | 0.2%  | Flared End Section - 30" CSP                 | 2     | Each      | 700.00    | \$ 1,400.00   | 60% | \$ 840.00     |
| 39 | 1.2%  | Flap Gate - 18" Cast Iron                    | 4     | Each      | 2,000.00  | \$ 8,000.00   | 60% | \$ 4,800.00   |
| 40 | 0.7%  | Flap Gate - 24" Cast Iron                    | 2     | Each      | 2,500.00  | \$ 5,000.00   | 60% | \$ 3,000.00   |
| 41 | 1.0%  | Flap Gate - 30" Cast Iron                    | 2     | Each      | 3,500.00  | \$ 7,000.00   | 60% | \$ 4,200.00   |
| 42 | 3.5%  | Riprap - Class III                           | 240   | C.Y.      | 100.00    | \$ 24,000.00  | 60% | \$ 14,400.00  |
| 43 | 0.3%  | Riprap Filter Blanket                        | 480   | S.Y.      | 4.00      | \$ 1,920.00   | 60% | \$ 1,152.00   |
| 44 | 7.2%  | Rock Chute                                   | 1     | L.S.      | 50,000.00 | \$ 50,000.00  | 60% | \$ 30,000.00  |
| 45 | 0.4%  | Rock Check - Temporary                       | 2     | Each      | 1,500.00  | \$ 3,000.00   | 60% | \$ 1,800.00   |
| 46 | 0.7%  | Storm Water Management                       | 1     | L.S.      | 5,000.00  | \$ 5,000.00   | 60% | \$ 3,000.00   |
| 47 | 2.3%  | Seeding - Type III                           | 8     | Acre      | 2,000.00  | \$ 16,000.00  | 60% | \$ 9,600.00   |
| 48 | 0.0%  |                                              |       |           |           | \$ -          | 60% | \$ -          |
| 49 | 0.0%  |                                              |       |           |           | \$ -          | 60% | \$ -          |
| 50 | 0.0%  |                                              |       |           |           | \$ -          | 60% | \$ -          |
| 51 |       | Construction Sub-Total                       |       |           |           | \$ 337,767.00 | 60% | \$ 202,660.20 |
| 52 | 4.9%  | Allowable Contingency (10%)                  |       |           |           | \$ 33,776.70  | 60% | \$ 20,266.02  |
| 53 | 0.0%  | Elective Contingency Reduction               |       | 0         |           | \$ -          | 60% | \$ -          |
|    | 53.8% | Construction Total                           |       |           |           | \$ 371,543.70 | 60% | \$ 222,926.22 |

|                          |                      |            |                      |
|--------------------------|----------------------|------------|----------------------|
| Eligible Preconstruction | \$ 74,900.00         | 60%        | \$ 44,940.00         |
| Eligible Construction    | \$ 466,043.70        | 60%        | \$ 279,626.22        |
| <b>Eligible Total</b>    | <b>\$ 540,943.70</b> | <b>60%</b> | <b>\$ 319,766.22</b> |

| Ineligible Preconstruction Costs |      |                                         |   |    |           |                  |           |             |
|----------------------------------|------|-----------------------------------------|---|----|-----------|------------------|-----------|-------------|
| 54                               | 1.4% | Legal Expenses                          | 1 | LS | 10,000.00 | \$ 10,000        | 0%        | \$ -        |
| 55                               | 1.2% | Preliminary Design (additional local)   | 1 | LS | 8,000.00  | \$ 8,000         | 0%        | \$ -        |
|                                  | 2.6% | <b>Preconstruction Ineligible Total</b> |   |    |           | <b>\$ 18,000</b> | <b>0%</b> | <b>\$ -</b> |

|    |       |                                              |      |    |           |               |    |      |
|----|-------|----------------------------------------------|------|----|-----------|---------------|----|------|
|    |       | Ineligible Construction Costs                |      |    |           |               |    |      |
| 56 | 3.6%  | Legal Fees                                   | 1    | LS | 25,000.00 | \$ 25,000.00  | 0% | \$ - |
| 57 | 5.9%  | Right-of-Way Acquisition & Coordination      | 1    | LS | 40,525.00 | \$ 40,525.00  | 0% | \$ - |
| 58 | 2.9%  | Fiscal (Bond Fees)                           | 1    | LS | 20,000.00 | \$ 20,000.00  | 0% | \$ - |
| 59 | 5.2%  | Bond Interest                                | 1    | LS | 36,256.97 | \$ 36,256.97  | 0% | \$ - |
| 60 | 0.3%  | Legal Survey & Monumentation                 | 1    | LS | 2,000.00  | \$ 2,000.00   | 0% | \$ - |
| 61 | 1.2%  | Dredging/Sediment Removal (for Drain Recon.) | 2696 | CY | 3.00      | \$ 8,088.00   | 0% | \$ - |
|    | 19.1% | Construction Ineligible Total                |      |    |           | \$ 131,869.97 | 0% | \$ - |

|                         |                      |           |             |
|-------------------------|----------------------|-----------|-------------|
| <b>Ineligible Total</b> | <b>\$ 149,869.97</b> | <b>0%</b> | <b>\$ -</b> |
| <b>Project Total</b>    | <b>\$ 690,813.67</b> |           |             |

|                                                   |                      |             |                      |
|---------------------------------------------------|----------------------|-------------|----------------------|
| <b>Federal or State Funds That Supplant Costs</b> |                      | <b>\$ -</b> |                      |
| <b>Eligible Cost Total</b>                        | <b>\$ 540,943.70</b> | <b>60%</b>  | <b>\$ 319,766.22</b> |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



June 22, 2026

**North Cass  
Water Resource  
District**

Beth Nangare  
Cost Share Program Administrator  
Department of Water Resources  
1200 Memorial Highway  
Bismarck ND 58504

Ken Lougheed  
Chairman  
Gardner, North Dakota

RE: Cass County Drain 26 - Channel Improvements 2023 Construction  
Cost Share Request

Robert Thompson  
Manager  
Page, North Dakota

Dear Beth,

Jay Colwell  
Manager  
Gardner, North Dakota

The North Cass Water Resource District (the "District") has initiated a project to replace culverts and reconstruct the channel of Cass Drain 26 in Sections 27 and 28 of Wiser Township. Approximately 0.5 miles of this drain requires reconstruction to prevent further slope failures along the banks.

The proposed project includes replacing the 171st Ave SE crossing, re-grading the channel to improve flow and reduce erosion, and installing erosion protection at culverts. The District worked with Moore Engineering to perform the hydraulic evaluation, design, and permitting required for the project and is now ready to proceed to construction.

The District respectfully requests 60% cost-share for eligible construction costs. The project design received 60% DWR preconstruction cost-share of \$25,740.

We appreciate your willingness to support the District's efforts to address drainage channel erosion and associated impacts to private landowners and public roadways. If you have any questions, please contact me at 701-298-2381 or our project engineer, Nathan Trosen, Moore Engineering, at [nathan.trosen@mooreengineeringinc.com](mailto:nathan.trosen@mooreengineeringinc.com) or 701-551-1060.

Melissa Hinkemeyer  
Director, Secretary

Sincerely,

Amy Hepper  
Treasurer

NORTH CASS WATER RESOURCE DISTRICT

1201 Main Avenue West  
West Fargo, ND 58078-1301

*Melissa Hinkemeyer*

Melissa Hinkemeyer  
Director, Secretary

701-298-2381  
FAX 701-298-2397  
[wrld@casscountynd.gov](mailto:wrld@casscountynd.gov)  
[www.casscountynd.gov](http://www.casscountynd.gov)

**DRAFT**

**These are DRAFT minutes, subject to amendment before final approval by the North Cass Water Resource District.**

MINUTES OF NORTH CASS WATER RESOURCE DISTRICT  
ORIGINATING AT THE CASS COUNTY HIGHWAY DEPARTMENT  
HERITAGE CONFERENCE ROOM  
WEST FARGO, NORTH DAKOTA  
JUNE 23, 2026  
8:00 A.M.

A meeting of the North Cass Water Resource District (NCWRD) was held on June 23, 2026. The meeting was called to order at 8:00 a.m.

Present were Ken Loughheed, Chairman; Robert Thompson, Manager; Jay Colwell, Manager; Melissa Hinkemeyer, Director, Secretary; Amy Hepper, Treasurer; Elizabeth Smith, Administrative Assistant; Rita Nelson, Accounting Assistant; Sean M. Fredricks and Katie J. Schmidt, Ohnstad Twichell, P.C.; Kurt Lysne, Nathan Trosen, and Brady Woodard, Moore Engineering, Inc.; Duane Breitling, Cass County Commissioner; Tom Soucy, Cass County Highway Department; and Yaping Chi, North Dakota Department of Water Resources (NDDWR).

**Approval of Agenda and Minutes**

It was moved by Manager Thompson, seconded by Manager Colwell, and unanimously carried to approve the order of the agenda and the minutes of the May 26, 2026, meeting as presented.

**Public Comment**

There were no speaker cards submitted for public comment at this meeting.

**Red River Joint Water Resource District Dam Rehab Prioritization**

Yaping Chi introduced herself to the Board and stated she is the Engineer for the Red River Joint Water Resource District (RRJWRD) as well as an Engineer for the NDDWR. Ms. Chi discussed a draft strategic plan for restoration and reconstruction of flood retention dams in the Red River Basin. This strategic plan would be utilized to prioritize the structures that were constructed by a federal agency and are now local water resource districts' responsibility to own and maintain for cost-share funding opportunities from the RRJWRD. Ms. Chi noted this is a 10-year plan that will allow the RRJWRD to prioritize the structures based on location and size within their respective watershed along with immediate restoration and rehabilitation needs. Discussion was held on the dams within the North Cass Water Resource District. Ms. Chi stated the RRJWRD welcomes any comments on the draft prioritization criteria and noted she will visit the dams in the Red River Basin to complete a site inspection in order to initially prioritize the dams. Manager Thompson noted the dams within North Cass Water Resource District are generally in good condition and Elm River Dam No. 3 was rehabilitated last year. The Board briefly discussed the ranking process.



## DRAFT

### **Drain #13 – Improvement Project from 20th Street SE to the outlet at the Red River**

Nathan Trosen indicated Moore Engineering, Inc. is preparing suggested project limits and preliminary design for the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River that are within the Board's funding ability. Mr. Trosen indicated following hydraulic modeling and facility inspections, Moore Engineering, Inc. is recommending an erosion repair project starting at the outlet and extending past the 20th Street SE crossing. Discussion was held on project alternatives and the funding capacity for those alternatives. The Board also discussed permitting for the project alternatives. The Board decided to proceed with the more comprehensive improvement project.

A motion was made by Manager Colwell and seconded by Manager Thompson to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for preconstruction engineering of the Drain #13 Improvement Project from 20th Street SE to the outlet at the Red River with a requested cost-share not to exceed \$165,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

### **Drain #13 – Magellan Pipeline**

Mr. Trosen noted Magellan is completing repairs to a pipeline where it crosses Drain #13. The property rights for the pipeline predate the drain therefore a utility permit cannot be required for the work, however Mr. Trosen has been in contact with Magellan regarding the repairs. Magellan has indicated they will stay in contact during construction and Moore Engineering, Inc. will be on site to ensure the drain is not damaged.

### **Surface drain permit forms and process**

Sean Fredricks discussed changes to the administrative code regarding surface drain permitting and complaints. The NDDWR has a new process for processing surface drain permits and complaints. Mr. Fredricks discussed the new process in more detail and indicated the NDDWR will no longer supply permit forms. Mr. Fredricks then reviewed sample surface drain permit documents that Water Resource Districts can use to ensure all requirements are met. Discussion was held on state permit requirements related to legal assessment drains.

### **Drain #26 – Improvement Project No. 2023-01**

The Board next considered *Application for Surface Drain No. 6896* regarding the Cass County Drain No. 26 Improvement Project No. 2023-01, a project to reconstruct the Drain 26 outlet to repair erosion and to stabilize the Drain 26 channel in Section 27 of Wiser Township, along Cass County Highway 34. The project will include installation of a rock chute to address the grade change from Drain 26 as the drain outlets into the Drain 13 channel. The project will also include offsetting the alignment to establish a flatter side slope at the Highway 34 shoulder along the project to prevent further sloughing near the road.

The Board submitted a surface drain application to NDDWR for the project. NDDWR completed its review of the project and application and concluded the project is not “of statewide or interdistrict significance.” NDDWR forwarded a Record of Decision dated



## DRAFT

June 16, 2026 (the “ROD”) to the Board; the Board must now consider and process the application.

The Board is in the process of acquiring right of way to accommodate the project in the Northwest Quarter of Section 27 and the Northeast Quarter of Section 28 in Wiser Township. Moore Engineering, Inc. has been in contact with landowners and they have indicated a willingness to execute purchase agreements voluntarily, in exchange for the right of way values previously approved by the Board (\$9,000 per acre for channel acres, \$1,500 per acre for berm acres, and \$500 per acre for temporary easement acres).

In response to the North Dakota Department of Water Resources’ Solicitation of Views regarding *Application for Surface Drain No. 6896*, NDDWR received the following comment from the Corps of Engineers:

- “Based on information received from the NDDWR, the Corps has determined that your proposed project may need a Clean Water Act Section 404 permit.”

The comment from the Corps was a standard response to NDDWR’s Solicitation of Views process. Nevertheless, the Board is applying for a 404 Nationwide Permit for the project.

The project will likely require road crossing proceedings, mandated by statute, regarding a single township road crossing improvement to accommodate the project. Moore is working on a hydraulic report for purposes of those proceedings and the Board will consider a Resolution related to that process in the near future.

By statute, to properly process the permit application, the Board is required to consider and investigate any potential downstream impacts to downstream properties that may result from the project. More specifically, N.D. Cent. Code § 61-32-03 provides, in relevant part:

...A permit may not be granted until an investigation discloses the quantity of water which will be drained from the pond, slough, lake, or sheetwater, or any series of those water bodies, will not flood or adversely affect downstream lands. If the investigation shows the proposed drainage will flood or adversely affect lands of downstream landowners, the water resource board may not issue a permit until flowage easements are obtained....

With that in mind, Moore Engineering reviewed the application and the proposed project to evaluate potential impacts. In light of Moore’s review, the Board developed the following responses regarding the Board’s surface permitting process mandated under Section 61-32-03:

**Description of the volume proposed to be drained:** The proposed project will drain approximately 5,177 acres.

**Description of any adverse hydrologic effects that may occur to downstream landowners as a result of the project:** Drain 26 outlets directly into Cass County Drain

## DRAFT

13. The project will not change the watershed area of Cass County Drain 13 and, therefore, adverse downstream effects are not anticipated.

**Description of flowage easements required from downstream landowners:** Because the project will not result in adverse downstream impacts, downstream flowage easements are not required as a condition to Permit No. 6896.

Manager Colwell moved to conclude the project will not result in adverse downstream impacts; to approve *Application for Surface Drain No. 6896*; and to authorize the Secretary to sign and serve *Surface Permit No. 6896* on parties of record. Manager Thompson seconded the motion. Upon roll call vote, the motion carried unanimously.

Mr. Trosen noted a Section 404 Permit may be needed for the Project and Moore Engineering, Inc. has had a wetland delineation completed for the permit application.

A motion was made by Manager Thompson and seconded by Manager Colwell to authorize the Secretary and Moore Engineering, Inc. to submit a Section 404 permit application to the Corps of Engineers regarding the Drain #26 Improvement Project No. 2023-01. Upon roll call vote, the motion carried unanimously.

Mr. Trosen then updated the Board on the status of the Project. The Project is nearly ready to be advertised for bids, right of way is being acquired, and an application for construction cost-share can be submitted to the State Water Commission. Mr. Trosen briefly reviewed the cost estimate for the Project.

A motion was made by Manager Thompson and seconded by Manager Colwell to authorize Moore Engineering, Inc. to work with the Secretary to submit an application for cost-share to the State Water Commission for construction of the Drain #26 Improvement Project No. 2023-01 not to exceed \$285,000 from the State Water Commission. Upon roll call vote, the motion carried unanimously.

### **Drain #42 – Slide repairs project east of Cass County Highway 31**

Mr. Trosen noted right of way acquisition continues for the Drain #42 slide repairs project east of Cass County Highway 31.

A motion was made by Manager Colwell and seconded by Manager Thompson to approve and authorize the Chairman to sign the *Purchase Agreement* with James A. McAndrew, Jr., as Trustee of the James A. McAndrew, Jr., Irrevocable Farmland Trust regarding the Drain #42 slide repairs project east of Cass County Highway 31. Upon roll call vote, the motion carried unanimously.

### **Drain #55 – Channel Improvements Project in Section 21 of Bell Township**

Mr. Trosen updated the Board on the status of Drain #55 Channel Improvements Project in Section 21 of Bell Township. Mr. Trosen noted an application for cost-share for design costs of the Project has been drafted and will be submitted to the State Water Commission soon.

# 1088343 - Pembina County WRD: Drain 4 - Grade Stabilization - Construction

## Application Details

---

**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 26, 2026 10:01 AM  
**Initially Submitted By:** Michael Ferrie  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Ms. LuAnn L Kemp  
Salutation First Name Middle Name Last Name  
**Title:** Secretary  
**Email\*:** llkemp@nd.gov  
**Address\*:** 308 Courthouse Drive #5  
  
Cavalier North Dakota 58220  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 265-4511 Ext.  
Phone  
###-###-####  
**Fax:** (701) 265-4561  
###-###-####  
**Comments:**

## Organization Information

**Status\*:** Approved

**Name\*:** Pembina County Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-6006376

**Organization Website:**

**Address\*:** 308 Courthouse Drive #5

**Phone\*:** Cavalier North Dakota 58220-\_\_\_\_  
City State/Province Postal Code/Zip  
(701) 265-4511 Ext.  
###-###-####

**Fax:** (701) 265-4561  
###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:** H3D9BHP2R5L7

**SAM Validation:** Active

**SAM Expiration Date:** 11/26/2026

**SAM Exclusion Flag:**

**SAM Last Updated:** Jun 8, 2026 12:01 AM

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Drain 4 - CONSTRUCTION

**Sponsor(s)\*:** Pembina County Water Resource District

**County\*:** Pembina

**City\*:** Cavalier

**Description of Request\*:** New

**Project Type:** Rural Flood Control

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

Pembina County Water Resource District  
North Dakota Department of Transportation ROW may be impacted for access to the project.

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The existing channel grade in Pembina County Legal Drain 4 immediately downstream of the ND-18 is relatively steep, resulting in erosion of the channel bottom and damage to an existing rock drop structure. Continued erosion at this location could result in damage to the existing NDDOT road crossing. Temporary repairs have been completed, and a feasibility study was performed to determine a proposed repair solution. Preconstruction is nearly complete with final plans ready within the next 30 days.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed solution is to install a sheet pile weir structure across the channel to prevent further downcutting and to control the hydraulic grade line in Drain 4. In addition to the sheet pile riprap will be installed to protect the channel through and downstream of the grade control weir.

**Describe the Objectives or Goals Specific to This Application\*:**

This application is to secure cost share for the construction and construction engineering costs associated with the project.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

This cost-share includes construction costs for installation of the above described works as well as construction engineering.

**For this project,**

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |     |
|---------------------------------------------------|-----|
| <b>What is the Current Estimated Population*:</b> | 100 |
|---------------------------------------------------|-----|

**For this project,**

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population*:</b> | 100 |
|-------------------------------------------|-----|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed*:</b> | Yes |
|------------------------------------------------|-----|



**Date Formed:** 01/01/1898

**Have Land or Easements Been Acquired?\***: Yes

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

US Army Corp of Engineer permit is in progress.

**Have You Been approved for any Federal Permits?\***: Ongoing

**If Yes or Ongoing, Please Explain (include type/number):**

We expect the Corp permit to be finished shortly. Final Construction plans will be completed once any comments from the Corp are recieved.

**Have You Applied for any State Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

ND DWR Drain permit has been applied for and recieved.

**Have You Been Approved for any State Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

ND DWR Drain permit

**Have You Applied for any Local Permits?\***: N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?**  
\*:

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 2/6/2026

**Design Completion\*:** 7/15/2026

**Bid\*:** 8/28/2026

**Construction Start\*:** 09/10/2026

**Construction Completion\*:** 11/1/2026

**Explain Additional Timeline Issues\*:**

Final plans are pending review by the USACE.

**Consulting Engineer\*:** Mike Ferrie

**Engineer Direct Phone Number\*:** 701-499-9448

**Engineer Email\*:** MFerrie@houstoneng.com

### ***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

|                                                                                                                                 |                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Authorized Individual*:</b>                                                                                                  | LuAnn      Kemp      02/19/2026<br>First Name   Last Name   Date                                                                                   |
| <b>Title/Position/Authority*:</b>                                                                                               | Secretary/Treasurer                                                                                                                                |
| <b>Address*:</b>                                                                                                                | 308 Courthouse Drive #5<br>Address Line 1<br>Address Line 2<br><br>Cavalier   North Dakota   58220-____<br>City           State           Zip Code |
| <b>Direct Phone Number*:</b>                                                                                                    | 701-265-4511                                                                                                                                       |
| <b>Sponsor Email*:</b>                                                                                                          | llkemp@nd.gov                                                                                                                                      |
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b>                                                               | Yes                                                                                                                                                |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Donald      Kemp<br>First Name   Last Name                                                                                                         |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Chairman                                                                                                                                           |
| <b>Authorized Signor Email:</b>                                                                                                 | donkemp@polarcomm.com                                                                                                                              |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-521-0277                                                                                                                                       |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | Ted           Juhl<br>First Name   Last Name                                                                                                       |
| <b>Additional Board Member Title/Position:</b>                                                                                  | Vice Chairman                                                                                                                                      |
| <b>Additional Board Member Email:</b>                                                                                           | atmjuhl@polarcomm.com                                                                                                                              |
| <b>Additional Board Member Direct Phone Number:</b>                                                                             | 701-520-1416                                                                                                                                       |

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**      No

[CLICK HERE to see examples.](#)

**Project Specific Map** Drain\_4\_Location\_Map.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** 6- Application Approval Minutes June\_23\_2026.pdf

**Cover Letter:** 1 - Drain 4 Construction\_Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** 3 -PCWRD\_Drain\_4\_Construction\_sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** 7- Preliminary Drain 4 Grade Stabilization plan sheets 2026-06-24.pdf

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

DWR Construction Permit, if  
Required for Construction  
Request:

Conditional Letter of Map  
Revision (CLOMR), if Required  
for Construction Request:

Has a Feasibility/Engineering  
Study Been Completed for the  
Project?: Yes

Feasibility/Engineering Study  
Material: Drain 4 ND-18 Memo\_Signed.pdf

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s):

## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

| Source                                                         | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status   | State<br>Fiscal                        |                           |                               | Total Cost          | Type  | Term | Interest<br>Rate |
|----------------------------------------------------------------|-------------------------------------------|--------------------|----------------------------------------|---------------------------|-------------------------------|---------------------|-------|------|------------------|
|                                                                |                                           |                    | State Fiscal<br>Year 1<br>July to June | Year 2<br>July to<br>June | Beyond<br>Current<br>Biennium |                     |       |      |                  |
| Department of<br>Water Resources<br>Cost Share<br>Construction |                                           | Current<br>Request | \$130,368.00                           | \$0.00                    | \$0.00                        | \$130,368.00        | Grant | 0.00 | 0.00             |
| Other                                                          | LOCAL                                     |                    | \$86,912.00                            | \$0.00                    | \$0.00                        | \$86,912.00         |       | 0.00 | 0.00             |
|                                                                |                                           |                    | <b>\$217,280.00</b>                    | <b>\$0.00</b>             | <b>\$0.00</b>                 | <b>\$217,280.00</b> |       |      |                  |



DWR Date Received : June 26, 2026

### PRE-BID Amounts

|                   |                                          |
|-------------------|------------------------------------------|
| <b>Date :</b>     | 6/26/26                                  |
| <b>Project :</b>  | Drain 4 Grade Stabilization              |
| <b>Sponsor :</b>  | Pembina County Water Resource District   |
| <b>Contact :</b>  | LuAnn Kemp, Administrator                |
| <b>Phone :</b>    | 701-265-4511                             |
| <b>Engineer :</b> | Michael Ferrie, Houston Engineering Inc. |
| <b>Phone :</b>    | 701-237-5065                             |

|                          |                   |                            |                   |
|--------------------------|-------------------|----------------------------|-------------------|
| <b>Total Cost :</b>      | <b>\$ 262,280</b> | <b>Total Cost-Share* :</b> | <b>\$ 153,768</b> |
| <b>Ineligible Cost :</b> | <b>\$ -</b>       | <b>Other Eligible:</b>     | <b>\$ -</b>       |
| <b>Eligible Cost :</b>   | <b>\$ 262,280</b> | <b>Preconstruction :</b>   | <b>\$ 23,400</b>  |
| <b>Local Cost :</b>      | <b>\$ 108,512</b> | <b>Construction :</b>      | <b>\$ 130,368</b> |

| Project Type:                             | Cost-share % |
|-------------------------------------------|--------------|
| Rural Flood Control - Assessment Drain(s) | 60%          |

|      |           | Cost Classification                                                  | Quantity | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|------|-----------|----------------------------------------------------------------------|----------|------|------------|-------|--------------|---------------|
| Item | % of Cost | BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs |          |      |            |       |              |               |
| 1    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 2    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 3    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 4    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 5    | 0.0%      |                                                                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
|      | 0.0%      | Other Eligible Total                                                 |          |      | -          | \$ -  | 60%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |      |                       |   |    |           |              |           |              |
|----------------------------------------------------------------------------|------|-----------------------|---|----|-----------|--------------|-----------|--------------|
| 6                                                                          | 9.2% | Feasibility Study     | 1 | LS | 24,000.00 | \$ 24,000.00 | 45%       | \$ 10,800.00 |
| 7                                                                          | 8.0% | Final Design          | 1 | LS | 21,000.00 | \$ 21,000.00 | 60%       | \$ 12,600.00 |
| 8                                                                          | 0.0% |                       | 0 |    | -         | \$ -         | 60%       | \$ -         |
| 9                                                                          | 0.0% |                       | 0 |    | -         | \$ -         | 60%       | \$ -         |
| 10                                                                         | 0.0% |                       | 0 |    | -         | \$ -         | 60%       | \$ -         |
| 17.2%                                                                      |      | Preconstruction Total |   |    |           | \$ 45,000.00 | 45% - 60% | \$ 23,400.00 |

PreConst.  
previously  
Approved.

| Construction Engineering Costs |      |                                |   |    |           |              |     |              |
|--------------------------------|------|--------------------------------|---|----|-----------|--------------|-----|--------------|
| 11                             | 9.5% | Construction Contract Mgmt.    | 1 | LS | 25,000.00 | \$ 25,000.00 | 60% | \$ 15,000.00 |
| 12                             | 0.0% |                                | 0 |    | -         | \$ -         | 60% | \$ -         |
| 13                             | 0.0% |                                | 0 |    | -         | \$ -         | 60% | \$ -         |
| 14                             | 0.0% |                                | 0 |    | -         | \$ -         | 60% | \$ -         |
|                                | 9.5% | Construction Engineering Total |   |    |           | \$ 25,000.00 | 60% | \$ 15,000.00 |

| Construction Costs |       |                                             |      |    |           |               |     |               |
|--------------------|-------|---------------------------------------------|------|----|-----------|---------------|-----|---------------|
| 15                 | 5.7%  | Mobilization                                | 1    | LS | 15,000.00 | \$ 15,000.00  | 60% | \$ 9,000.00   |
| 16                 | 0.0%  | Bonding                                     | 0    |    | -         | \$ -          | 60% | \$ -          |
| 17                 | 0.0%  | Insurance                                   | 0    |    | -         | \$ -          | 60% | \$ -          |
| 18                 | 1.1%  | Common Excavation                           | 560  | CY | 5.00      | \$ 2,800.00   | 60% | \$ 1,680.00   |
| 19                 | 1.0%  | Excavation Spoiling                         | 500  | CY | 5.00      | \$ 2,500.00   | 60% | \$ 1,500.00   |
| 20                 | 23.2% | Furnish and Install Riprap (NDDOT Grade II) | 380  | CY | 160.00    | \$ 60,800.00  | 60% | \$ 36,480.00  |
| 21                 | 34.2% | Sheet Pile                                  | 1196 | SF | 75.00     | \$ 89,700.00  | 60% | \$ 53,820.00  |
| 22                 | 1.3%  | Seeding & Mulching                          | 1    | LS | 3,500.00  | \$ 3,500.00   | 60% | \$ 2,100.00   |
| 23                 | 0.2%  | Biorolls                                    | 100  | LF | 5.00      | \$ 500.00     | 60% | \$ 300.00     |
| 24                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 25                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 26                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 27                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 28                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 29                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 30                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 31                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 32                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 33                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 34                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 35                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
| 36                 | 0.0%  |                                             | 0    |    | -         | \$ -          | 60% | \$ -          |
|                    |       | Construction Sub-Total                      |      |    |           | \$ 174,800.00 | 60% | \$ 104,880.00 |
| 6.7%               |       | Allowable Contingency (10%)                 |      |    |           | \$ 17,480.00  | 60% | \$ 10,488.00  |
| 0.0%               |       | Elective Contingency Reduction              | 0    |    | -         | \$ -          | 60% | \$ -          |
| 73.3%              |       | Construction Total                          |      |    |           | \$ 192,280.00 | 60% | \$ 115,368.00 |

|                          |                      |            |                      |
|--------------------------|----------------------|------------|----------------------|
| Eligible Preconstruction | \$ 45,000.00         | 60%        | \$ 27,000.00         |
| Eligible Construction    | \$ 217,280.00        | 60%        | \$ 130,368.00        |
| <b>Eligible Total</b>    | <b>\$ 262,280.00</b> | <b>60%</b> | <b>\$ 153,768.00</b> |

|    |      | Ineligible Preconstruction Costs |   |  |   |      |    |      |
|----|------|----------------------------------|---|--|---|------|----|------|
| 37 | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 38 | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 39 | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
| 40 | 0.0% |                                  | 0 |  | - | \$ - | 0% | \$ - |
|    | 0.0% | Preconstruction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

|    |      | Ineligible Construction Costs |   |  |   |      |    |      |
|----|------|-------------------------------|---|--|---|------|----|------|
| 41 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 42 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 43 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 44 | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
|    | 0.0% | Construction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

|        |                                            |               |     |               |
|--------|--------------------------------------------|---------------|-----|---------------|
| 100.0% | Ineligible Total                           | \$ -          | 0%  | \$ -          |
|        | Project Total                              | \$ 262,280.00 |     |               |
|        |                                            |               |     |               |
|        | Federal or State Funds That Supplant Costs | \$ -          |     |               |
|        | Eligible Cost Total                        | \$ 262,280.00 | 60% | \$ 153,768.00 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.







**Exhibit 1 - Drain 4 Bank Failure**



**Exhibit 2 - Drain 4 Downstream Scour Hole**





PEMBINA COUNTY  
**WATER RESOURCE DISTRICT**

308 Courthouse Drive #5  
Cavalier, North Dakota 58220

Phone: 701-265-4511  
Fax: 701-265-4165

June 26, 2026

ND State Water Commission  
Bismarck, ND 58504

Dear Members:

The Pembina County Water Resource District (PCWRD), requests construction cost-share with the North Dakota Department of Water Resources (NDDWR) for permanent grade stabilization on Pembina County Drain 4. In the spring of 2024, Drain 4 was observed to be experiencing erosion and bank failure immediately downstream from where the drain crosses North Dakota State Highway 18 through a double cell box culvert. Houston Engineering Inc (HEI) conducted an analysis of the existing drain condition on behalf of the PCWRD Board of Managers. HEI prepared a memorandum that identified concerns with the relatively steep grade leading to the existing rock drop grade control structure. The steep grade is resulting in flow concentrations and high velocities along the toes of the channel slope and have led to the bank failures. Additionally, scouring at existing rock drop structure indicates energy dissipation is not occurring as desired. After completion of the feasibility study, the PCWRD has hired HEI to prepare construction plans and specifications for a permanent solution to the erosion concerns. A Surface Drain Permit has been approved by the PCWRD Board of Managers. A USACE Section 404 permit is pending. Due to the constricted timeline to complete construction in 2026, a draft set of construction plans and specifications have been submitted to allow for parallel tracking of finalizing bid documents and securing cost share while final permitting from the Corp of Engineers is underway. It is understood that final construction plans are required prior to the ND DWR Cost-share approval in August; however, we ask that this project be placed on the pre-commission meeting as we wait for final approval from the USACE. The total construction and construction engineering costs to implement the permanent grade stabilization is estimated to be \$217,280, and the Board hereby requests ND DWR cost-share in the amount of \$130,368 to complete construction the grade stabilization project.

If you have any questions, please don't hesitate to call our office.

Sincerely,



LuAnn Kemp, Secretary

June 23, 2026  
MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Those present were Managers William Gunderson, Donald Kemp, Ted Juhl, Randall Emanuelson, and LuAnn Kemp, secretary. Attorney Robert Fleming also present. A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the minutes of June 2, 2026. A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the minutes of June 12, 2026.

The public comment period was held at 8:10 am. No public comments were received.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to amend the agenda to include: culvert request for Brown and Kemp, Drain 64 advertisement for bids, and Devon Johnson – Pembina County Highway.

Kelly Brown, Charlie Morrison, Mark Morrison, Travis Brown, and Landis McDonald met with the board regarding a request for an additional culvert into Drain 4 in the NE ¼ of Section 5-162-53. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the installation of an additional 36 inch x 50 foot culvert with trap into Drain 4. Quotes will be requested from contractors for direct hire.

Alex Spitsburg – Nodak Electric met with the board regarding projects that will be crossing legal assessment drains. A motion was made by Randall Emanuelson, seconded by Ted Juhl, by vote unanimously carried to approve the easement as amended to the correct township/range for Section 7-160-52. The board also reviewed the proposed work south of the border crossing near Walhalla.

A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the Drain 64 Bid advertisement as presented.

The board reviewed the culvert request by D. Kemp for the SE ¼ Section 24-161-52 and issued no comment.

A motion as made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the bills as presented:

|       |                         |          |
|-------|-------------------------|----------|
| 14401 | Pembina County          | 56.28    |
| 14402 | LuAnn Kemp              | 98.38    |
| 14403 | Thorlakson Construction | 1,295.00 |

The board reviewed the Drain 64 ND DWR Drain permit. A motion was made by Ted Juhl, seconded by Randall Emanuelson, by vote unanimously carried to approve the permit after finding no downstream effects to the project.



June 23, 2026

MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Page 2

The board reviewed the email from Ms. Landry regarding Bourbanis Dam. Minutes from July 1, 2025 stated:

A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve Kendall Construction to spray the dams and the area of concern on Bourbanis Dam clay stockpile based on the rates provided in the original bid Option A.

The board will direct Mr. Gemmil to spray the areas the stockpile again this year. No action was taken on the request for access or tree planting as those had been addressed previously with the landowner.

Mike Ferrie – Houston Engineering was present with project updates.

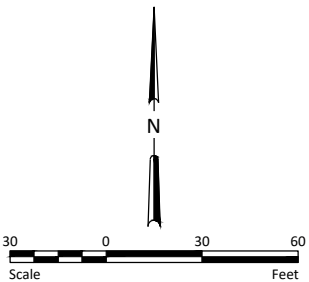
- Snagging and clearing – the project proposal will included approximately 3.75 miles starting near Morrison Dam and moving west to 94<sup>th</sup> Street. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the Notice of Hearing to set the date for the hearing as August 4<sup>th</sup> pending Commission availability.
- Drain 4 – ND DWR cost-share will be submitted by 6/29, project is moving forward with bidding late summer
- Tongue River Cutoff – the NRCS has indicated they would be agreeable to a modified use permit if requested by the landowner
- Olga Road – discussion on possibility to do a small repair on the road at this time
- Wieler Dam – the television/jetting is expected to take 2 days at a cost of \$12,000. Board will need to coordinate removal of animal gate on the 8 inch drain prior to expected work in mid-July.
- Drain 67A Culvert repairs – final site visit pending drier weather to allow for inspection of culverts – target bid date for mid-winter for 2027 work
- Drain 67C – Final pay will be processed at end of warranty period
- Drain 78 – mobilization for additional rip rap is expected when road conditions improve
- Assessment North of Drayton – the board reviewed the correspondence regarding benefit analysis for all parcels in drains that are impacted by a reassessment; a motion was made by Randall Eamneulson, seconded by Ted Juhl, by vote unanimously carried to pause the Assessment project at this time.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the ND DWR Cost-share applications for Drain 4 and the City of Pembina Dam removal as presented and direct Secretary/Treasurer to sign the letter and application.

Manager Gunderson reported an area on Drain 79 that will need spraying for weeds and trees.



H:\JBM\7300\7382\7382\_006\WD18\_Culvert\_Crossing\CAD\Plans\Scope of Work.dwg Scope of Work.ctb 29/2026 3:45 PM (cjorgensen)



- R/W — APPROXIMATE R/W
-  SALVAGE EXISTING RIPRAP
-  REINSTALL SALVAGED RIPRAP
-  PROPOSED RIPRAP (NDDOT GRADE II)

- NOTES:
- 2023 ND DWR IMAGERY.
  - ALL ELEVATIONS REFERENCE NAVD88 VERTICAL DATUM.
  - CONTRACTOR SHALL LIMIT WORK EXTENTS TO EXISTING R/W.



| No. | Revision | Date | By |
|-----|----------|------|----|
|     |          |      |    |
|     |          |      |    |



|                      |                   |
|----------------------|-------------------|
| Drawn by<br>JMW, CJJ | Date<br>6-24-2026 |
| Checked by<br>MJF    | Scale<br>AS SHOWN |

DRAIN 4 GRADE STABILIZATION  
PEMBINA COUNTY WATER RESOURCE DISTRICT  
CAVALIER, NORTH DAKOTA

SCOPE OF WORK  
PROJECT NO. 7382-0066

SHEET  
2



# 1088416 - Richland County Drain 4(33) Improvement Project

## Application Details

---

**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jul 1, 2026 11:41 AM  
**Initially Submitted By:** Alison Zajac  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Ms. Alison Middle Name Zajac  
Salutation First Name Last Name

**Title:** Secretary Treasurer

**Email\*:** azajac@co.richland.nd.us

**Address\*:** 418 2nd Ave N

Wahpeton, North Dakota North Dakota 58075  
City State/Province Postal Code/Zip

**Phone\*:** (701) 642-7773 Ext.  
Phone  
###-###-####

**Fax:** ###-###-####

**Comments:**

## Organization Information

**Status\*:** Approved

**Name\*:** Richland County Water Resource District

**Organization Type\*:** County Government

**Tax Id:**

**Organization Website:**

**Address\*:** 418 2nd Ave N

Wahpeton North Dakota 58075-4400  
City State/Province Postal Code/Zip

**Phone\*:** 701-642-7773 Ext.  
###-###-####

**Fax:** 701-642-6332  
###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Richland County Drain No. 4 (33) Improvement Project

**Sponsor(s)\*:** Richland County Water Resource District

**County\*:** Richland

**City\*:** Wahpeton

**Description of Request\*:** New

**Project Type:** Rural Flood Control

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

Richland County Water Resource District.  
Assessed landowners.  
Local road authorities.

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

Landowners within the Antelope Creek watershed have expressed concerns with drainage in the vicinity of the Richland County Highway #10 crossing of Drain 4 and have submitted a petition for an evaluation of potential improvements. Drain 4 (33) is a combined drain system with a north outlet and south outlet, both discharging to Antelope Creek, with a high point dividing the drain between the 2 outlets. The north portion has insufficient capacity to convey runoff from the central part of the drainage basin based on the current drain high point causing substantial agricultural flooding.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed project improves the south outlet by deepening the existing drain to allow additional flow capacity, thereby providing relief to the north outlet.

**Describe the Objectives or Goals Specific to This Application\*:**

Reduce agricultural flood damage by improving the south drain outlet to improve conveyance.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

This application is for construction cost-share to assist with funding the costs of construction, construction engineering, and utility relocations for the proposed improvement project.

**For this project,**

**Choose City, County, Water District or Other\*:** County

**What is the Current Estimated Population\*:** 17000

**For this project,**

**What is the Benefited Population\*:** 50

**Have Assessment Districts Been Formed\*:** N/A



**Have Land or Easements Been Acquired?\***: No

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

A jurisdictional determination was requested from USACE. USACE found that no jurisdictional wetlands exist in or adjacent to the project.

**Have You Been approved for any Federal Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

A jurisdictional determination was requested from USACE. USACE found that no jurisdictional wetlands exist in or adjacent to the project.

**Have You Applied for any State Permits?\***: ~~No~~

**Have You Applied for any Local Permits?\***: ~~No~~ Yes. Surface Drain Application 6950 reviewed by DWR & approved by Water Resource District.

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

At the time of application, one easement still remains ongoing.

**Have You Received, or Do You Anticipate Receiving Federal Funding?\***: No

(Example: Hazard Mitigation Grant Program)

\*,

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: Complete

**Design Completion\*:** Complete

**Bid\*:** 9/15/2026

**Construction Start\*:** 10/15/2026

**Construction Completion\*:** ~~5/31/2026~~ 5/31/2027

**Explain Additional Timeline**

**Issues\*:**

No issues expected. The construction cost is under \$250,000. RCWRD will determine if it will be bid through advertisement or through other selection means. The majority of construction is expected to be completed in 2026, with potential for seeding and punchlist finalization completed in early 2027.

**Consulting Engineer\*:** Houston Engineering, Inc.

**Engineer Direct Phone Number\*:** 701-499-2091

**Engineer Email\*:** gbladow@houstoneng.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Alison Zajac 07/01/2026  
First Name Last Name Date

**Title/Position/Authority\*:** Secretary Treasurer

**Address\*:** 418 2nd Ave N  
Address Line 1  
Address Line 2  
Wahpeton North Dakota 58075-\_\_\_\_\_  
City State Zip Code

**Direct Phone Number\*:** 701-642-7773

**Sponsor Email\*:** azajac@co.richland.nd.us

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

Tom Kubela  
First Name Last Name

**Authorized Signor Title/Position:**

Chairman of the WRD Board

**Authorized Signor Email:**

azajac@co.richland.nd.us

**Authorized Signor Direct Phone Number:**

701-642-7773

**Provide the Name for One Additional Board Member, if Applicable:**

Brandon Ward  
First Name Last Name

**Additional Board Member Title/Position:**

Vice Chairman of the WRD Board

**Additional Board Member Email:**

azajac@co.richland.nd.us

**Additional Board Member Direct Phone Number:**

701-640-8204

## Documentation

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### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

Project Specific Map.pdf

Must Include Project Location in State  
Using an Inset Map and  
Distance/Direction to Nearest  
Community  
\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**

Draft Minutes.pdf

**Cover Letter:** Letter\_Antelope Creek Watershed Planning Drain 4 33.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost\_Drain4\_33.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** Drain4\_33\_Plans\_Specs.pdf

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** ~~No~~ Yes. And no assessment vote taken.

**Is This a Drain Reconstruction Project?:** Yes

**Sediment Analysis:** Drain 4\_33 Sediment Removal Analysis.pdf

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

**Feasibility/Engineering Study Material:** Drain 433 Preliminary Improvement Evaluation.pdf

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

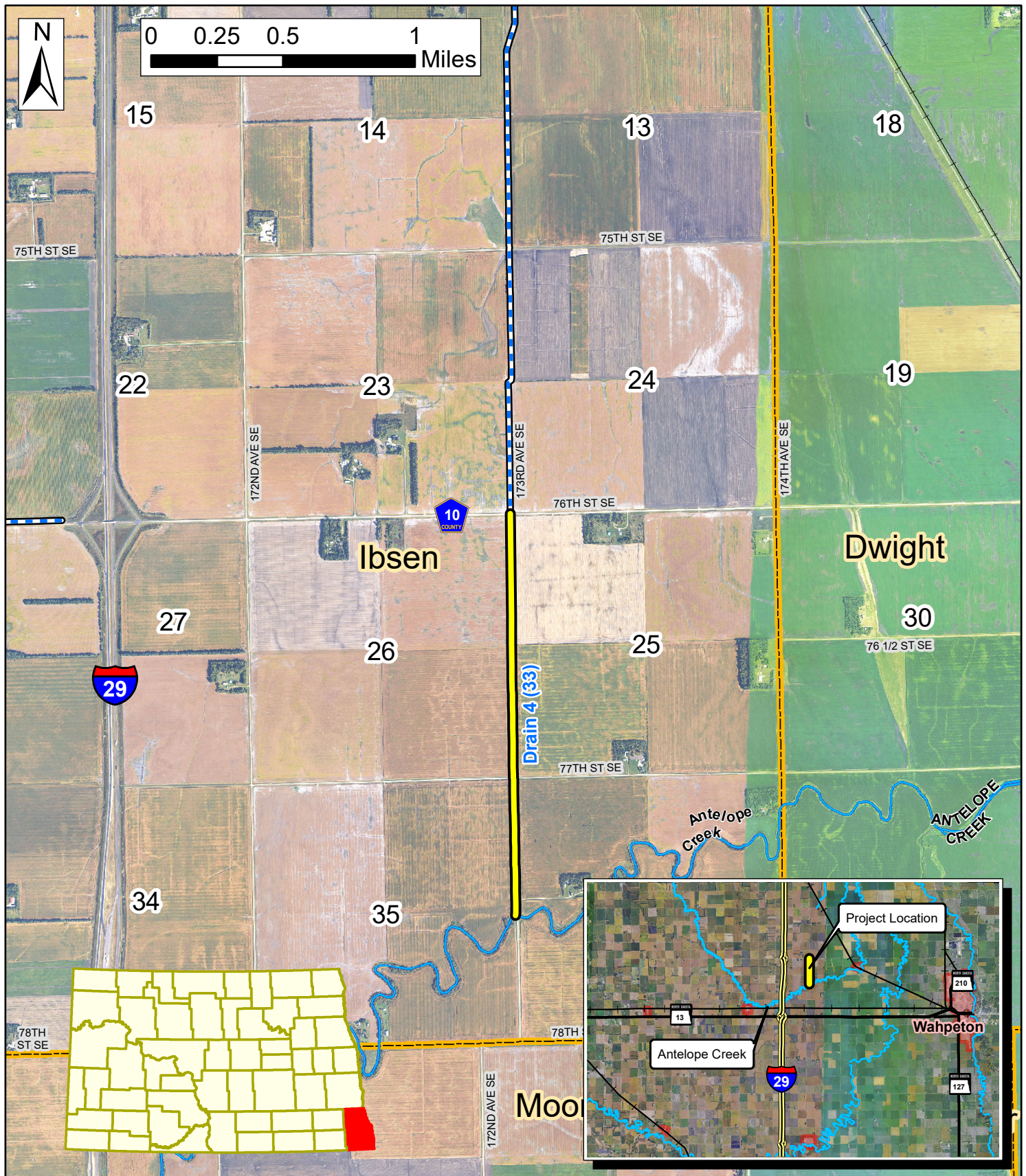
**Other Applicable Document(s):**

# Sources

*Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)*

| Source                                                         | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State Fiscal                           |                           |                               | Total Cost   | Type  | Term | Interest<br>Rate |
|----------------------------------------------------------------|-------------------------------------------|---------------------|----------------------------------------|---------------------------|-------------------------------|--------------|-------|------|------------------|
|                                                                |                                           |                     | State Fiscal<br>Year 1<br>July to June | Year 2<br>July to<br>June | Beyond<br>Current<br>Biennium |              |       |      |                  |
| Department of<br>Water Resources<br>Cost Share<br>Construction |                                           | Current<br>Request  | \$127,218.47                           | \$0.00                    | \$0.00                        | \$127,218.47 | Grant | 0.00 | 0.00             |
| Other                                                          | Local                                     | Already<br>Approved | \$143,253.31                           | \$0.00                    | \$0.00                        | \$143,253.31 |       | 0.00 | 0.00             |
|                                                                |                                           |                     | \$270,471.78                           | \$0.00                    | \$0.00                        | \$270,471.78 |       |      |                  |





Date: 6/29/2026  
Prepared by: JPE

## Richland County Water Resource District Richland County Drain No. 4 (33) Improvement Project

Richland County, North Dakota





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received : July 01, 2026

**PRE-BID AMOUNTS**

|            |                                         |
|------------|-----------------------------------------|
| Date :     | 6/30/26                                 |
| Project :  | Drain No. 4 (33) Improvement            |
| Sponsor :  | Richland County Water Resource District |
| Contact :  | Justin Johnson, Engineering Technician  |
| Phone :    | 701-642-7773                            |
| Engineer : | Gabe Bladow, Houston Engineering, Inc.  |
| Phone :    | 701-499-2091                            |

|                   |               |                     |               |
|-------------------|---------------|---------------------|---------------|
| Total Cost :      | \$ 335,671.78 | Total Cost-Share* : | \$ 166,338.47 |
| Ineligible Cost : | \$ 58,441.00  | Other Eligible :    | \$ -          |
| Eligible Cost :   | \$ 277,230.78 | Preconstruction :   | \$ 39,120.00  |
| Local Cost :      | \$ 169,333.31 | Construction :      | \$ 127,218.47 |

|                                           |              |
|-------------------------------------------|--------------|
| Project Type:                             | Cost-share % |
| Rural Flood Control - Assessment Drain(s) | 60%          |

|                                                                             | Cost Classification | Quantity                    | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|-----------------------------------------------------------------------------|---------------------|-----------------------------|------|------------|-------|--------------|---------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b> |                     |                             |      |            |       |              |               |
| Item 1                                                                      | % of Cost 0.0%      | 0                           |      | -          | \$ -  | 60%          | \$ -          |
| 2                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 60%          | \$ -          |
| 3                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 60%          | \$ -          |
| 4                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 60%          | \$ -          |
| 5                                                                           | 0.0%                | 0                           |      | -          | \$ -  | 60%          | \$ -          |
|                                                                             | 0.0%                |                             |      | -          | \$ -  | 60%          | \$ -          |
|                                                                             |                     | <b>Other Eligible Total</b> |      |            | \$ -  | 60%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |       |                       |   |    |           |              |     |              |
|----------------------------------------------------------------------------|-------|-----------------------|---|----|-----------|--------------|-----|--------------|
| 6                                                                          | 19.4% | Final Design          | 1 | LS | 65,200.00 | \$ 65,200.00 | 60% | \$ 39,120.00 |
| 7                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 60% | \$ -         |
| 8                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 60% | \$ -         |
| 9                                                                          | 0.0%  |                       | 0 |    | -         | \$ -         | 60% | \$ -         |
| 10                                                                         | 0.0%  |                       | 0 |    | -         | \$ -         | 60% | \$ -         |
|                                                                            | 19.4% | Preconstruction Total |   |    |           | \$ 65,200.00 | 60% | \$ 39,120.00 |

| Construction Engineering Costs |       |                                |   |    |           |              |     |              |
|--------------------------------|-------|--------------------------------|---|----|-----------|--------------|-----|--------------|
| 11                             | 10.4% | Construction Contract Mgmt.    | 1 | NA | 35,000.00 | \$ 35,000.00 | 60% | \$ 21,000.00 |
| 12                             | 1.5%  | Utility Relocation             | 1 | LS | 5,000.00  | \$ 5,000.00  | 60% | \$ 3,000.00  |
| 13                             | 0.0%  |                                | 0 |    |           | \$ -         | 60% | \$ -         |
| 14                             | 0.0%  |                                | 0 |    | -         | \$ -         | 60% | \$ -         |
|                                | 11.9% | Construction Engineering Total |   |    |           | \$ 40,000    | 60% | \$ 24,000.00 |

Preconstruction  
previously  
approved.

| Construction Costs |       |                                 |      |    |          |               |     |               |
|--------------------|-------|---------------------------------|------|----|----------|---------------|-----|---------------|
| 15                 | 2.2%  | Mobilization                    | 1    | LS | 7,447.22 | \$ 7,447.22   | 60% | \$ 4,468.33   |
| 16                 | 0.0%  | Bonding                         | 0    |    | -        | \$ -          | 60% | \$ -          |
| 17                 | 0.0%  | Insurance                       | 0    |    | -        | \$ -          | 60% | \$ -          |
| 18                 | 12.5% | Common Excavation               | 7000 | CY | 6.00     | \$ 42,000.00  | 60% | \$ 25,200.00  |
| 19                 | 8.4%  | Materials - Topsoil             | 4700 | CY | 6.00     | \$ 28,200.00  | 60% | \$ 16,920.00  |
| 20                 | 1.5%  | Seeding                         | 5    | AC | 1,000.00 | \$ 5,000.00   | 60% | \$ 3,000.00   |
| 21                 | 2.3%  | Remove Pipe All Types and Sizes | 220  | LF | 35.00    | \$ 7,700.00   | 60% | \$ 4,620.00   |
| 22                 | 0.9%  | Flap Gate                       | 3    | EA | 966.67   | \$ 2,900.00   | 60% | \$ 1,740.00   |
| 23                 | 11.8% | Culverts                        | 274  | LF | 144.14   | \$ 39,494.40  | 60% | \$ 23,696.64  |
| 24                 | 3.6%  | Rip-Rap                         | 135  | CY | 90.00    | \$ 12,150.00  | 60% | \$ 7,290.00   |
| 25                 | 1.5%  | Erosion Control                 | 1    | LS | 5,000.00 | \$ 5,000.00   | 60% | \$ 3,000.00   |
| 26                 | 0.7%  | Traffic Control                 | 1    | LS | 2,500.00 | \$ 2,500.00   | 60% | \$ 1,500.00   |
| 27                 | 1.2%  | Gravel                          | 100  | CY | 40.00    | \$ 4,000.00   | 60% | \$ 2,400.00   |
| 28                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 29                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 30                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 31                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 32                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 33                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 34                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 35                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
| 36                 | 0.0%  |                                 | 0    |    | -        | \$ -          | 60% | \$ -          |
|                    |       | Construction Sub-Total          |      |    |          | \$ 156,391.62 | 60% | \$ 93,834.97  |
|                    | 4.7%  | Allowable Contingency (10%)     |      |    |          | \$ 15,639.16  | 60% | \$ 9,383.50   |
|                    | 0.0%  | Elective Contingency Reduction  |      |    | 0        | \$ -          | 60% | \$ -          |
|                    | 51.2% | Construction Total              |      |    |          | \$ 172,030.78 | 60% | \$ 103,218.47 |

|                          |                      |            |                      |
|--------------------------|----------------------|------------|----------------------|
| Eligible Preconstruction | \$ 65,200.00         | 60%        | \$ 39,120.00         |
| Eligible Construction    | \$ 212,030.78        | 60%        | \$ 127,218.47        |
| <b>Eligible Total</b>    | <b>\$ 277,230.78</b> | <b>60%</b> | <b>\$ 166,338.47</b> |

|                                  |      |                                   |   |    |           |           |    |      |
|----------------------------------|------|-----------------------------------|---|----|-----------|-----------|----|------|
| Ineligible Preconstruction Costs |      |                                   |   |    |           |           |    |      |
| 37                               | 5.7% | Easement Acquisition (for Drains) | 1 | LS | 19,021.00 | \$ 19,021 | 0% | \$ - |
| 38                               | 1.5% | Legal Expenses                    | 1 | LS | 5,000.00  | \$ 5,000  | 0% | \$ - |
| 39                               | 0.0% |                                   | 0 |    | -         | \$ -      | 0% | \$ - |
| 40                               | 0.0% |                                   | 0 |    | -         | \$ -      | 0% | \$ - |
|                                  | 7.2% | Preconstruction Ineligible Total  |   |    |           | \$ 24,021 | 0% | \$ - |

| Ineligible Construction Costs |       |                                                |      |    |           |              |    |      |
|-------------------------------|-------|------------------------------------------------|------|----|-----------|--------------|----|------|
| 41                            | 6.4%  | Common Excavation - Drain Cleanout Maintenance | 2.14 | MI | 10,000.00 | \$ 21,400.00 | 0% | \$ - |
| 42                            | 3.9%  | Dredging/Sediment Removal (for Drain Recon.)   | 2170 | CY | 6.00      | \$ 13,020.00 | 0% | \$ - |
| 43                            | 0.0%  |                                                |      |    |           | \$ -         | 0% | \$ - |
| 44                            | 0.0%  |                                                |      |    |           | \$ -         | 0% | \$ - |
|                               | 10.3% | Construction Ineligible Total                  |      |    |           | \$ 34,420.00 | 0% | \$ - |

|        |                         |               |    |      |
|--------|-------------------------|---------------|----|------|
| 100.0% | <b>Ineligible Total</b> | \$ 58,441.00  | 0% | \$ - |
|        | <b>Project Total</b>    | \$ 335,671.78 |    |      |

|                                                   |               |     |               |
|---------------------------------------------------|---------------|-----|---------------|
| <b>Federal or State Funds That Supplant Costs</b> |               |     |               |
| <b>Eligible Cost Total</b>                        | \$ 277,230.78 | 60% | \$ 166,338.47 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## ***RICHLAND COUNTY WATER RESOURCE DISTRICT***

### **MANAGERS**

*Tom Kubela, Chr. (Wahpeton)  
Brandon Ward, Vice Chr. (Mooreton)  
Clint Arndt (Hankinson)  
Arv Burvee (Fairmount)  
Gary Friskop (Wahpeton)*

### **SECRETARY/TREASURER**

*Alison Zajac  
(701)642-7773 (Phone)  
(701) 642-6332 (Fax)  
[azajac@co.richland.nd.us](mailto:azajac@co.richland.nd.us)*

### **OFFICE MANAGER/ CIVIL TECHNICIAN**

*Justin Johnson  
(701)642-7835 (Phone)  
[justinj@co.richland.nd.us](mailto:justinj@co.richland.nd.us)*

June 30, 2026

ND State Water Commission  
ATTN: Cost-Share Program  
900 E Boulevard Ave.  
Bismarck, ND 58505-0850

Subject: RCWRD – Antelope Creek Watershed Planning (Drain 4 (33))  
Application for ND State Water Commission Construction Cost Share

To Whom It May Concern,

The Richland County Water Resource District (RCWRD) respectfully requests consideration for cost-share funding with the ND State Water Commission and the Department of Water Resources for the improvements of Richland County Drain No. 4 (33). The RCWRD is pursuing improvements for an approximately 1.5-mile segment of Drain 4 (33) that will enhance drainage benefits within the Antelope Creek watershed.

Landowners within the Antelope Creek watershed have expressed concerns with drainage in the vicinity of the Richland County Highway #10 crossing of Drain 4 and have submitted a petition for an evaluation of potential improvements. Drain 4 (33) is a combined drain system with a north outlet and south outlet, both discharging to Antelope Creek, with a high point dividing the drain between the 2 outlets. A feasibility study, preliminary and final design has been completed by Houston Engineering, Inc. (DWR Project No. 1178).

We request that the eligible construction items of the project be considered for funding under the current cost share policy to the amount of \$127,218.47. Total construction costs are estimated to be \$270,471.78, including ineligible construction items, real estate, construction and engineering, and other miscellaneous items.

If you have any questions, please do not hesitate to contact our office at (701) 642-7773.

Sincerely,

*Richland County Water Resource District*

## **RICHLAND COUNTY WATER RESOURCE DISTRICT**

Richland County Courthouse, Wahpeton, ND June 30<sup>th</sup>,  
2026 – Special Meeting

The Richland County Water Resource District (“RCWRD”) met June 30<sup>th</sup>, 2026,  
at 9:00 A.M. at the Richland County Courthouse.

THOSE PRESENT: Managers Arv Burvee, Brandon Ward, Gary Friskop, Clint Arndt,  
Tom Kubela, Office Manager/Engineering Technician Justin Johnson  
and Secretary/Treasurer Alison Zajac.

THOSE ABSENT:

Tony Luick joined the meeting.

### **Approval of Agenda**

A motion was made by Mgr. Arndt and seconded by Mgr. Burvee; motion  
carried unanimously to approve the agenda as presented.

### **Drain 39 Appl, #26-047**

Mr. Johnson informed the Board Tony Luick contacted the office during the  
cleanout of the Drain 39 Natural Channel requesting additional sediment be  
removed along County Road 22 in the N ½ of Section 24 in LaMars  
Township. A map was showing the recent survey data, the cleanout grade  
line and the survey data from 2004 was provided to the Board. Mr. Johnson  
turned the discussion over to Mr. Luick to address his request. Mr. Luick  
provided a map showing the location of his gravity tile outlet to the Board. Mr.  
Luick requested the grade line along the southside of County Road 22  
starting at 179<sup>th</sup> St. SE to the natural channel in the NE ¼ of Section 24 in  
LaMars Township be lowered to the previous grade of the ditch that  
previously accommodated his gravity outlet.

A motion was made by Mgr. Arndt and seconded by Mgr. Friskop to hire JAV  
Construction and pay for half of the cleanout and Mr. Luick to cover the  
remaining balance. Upon roll call vote, the motion carried unanimously.

### **Misc. Items**

Mr. Luick is requesting adding material to the current berm in the NE ¼ of Section 16  
South of the bridge crossing Drain 3 on 98<sup>th</sup> St. SE in between the SW ¼ of Section 9  
and the NE ¼ of Section 16 in LaMars township. The consensus of the Board is to add  
to the existing berm per Mr. Luick's request.

Tony Luick left the meeting.

### **2027 Budget**

Mr. Johnson turned the meeting over to Ms. Zajac to present the 2027 Budget. Ms.  
Zajac informed the Board of the changes made to tracking expenses. Discussion was  
held on potential projects within the county. The consensus of the Board is to follow  
last year and request 3 Mills from the County.

A motion was made by Mgr. Friskop and seconded by Mgr. Burvee to approve the 2027 Budget as presented. Upon roll call vote, the motion carried unanimously.

#### **Timesheet Update**

Ms. Zajac informed the Board effective immediately the Board timesheet will include a description under the location section of each timesheet.

Clint Arndt left the meeting.

Clint Arndt joined the meeting by phone.

#### **Drain 4(33) Reconstruction – Appl. #25-057**

Mr. Johnson informed the Board Houston Engineering staked the proposed new right of way (channel acres) and the 100 ft. easement per the meeting on June 16, 2026. The office contacted Gene Wefel who disagrees with the Board's current offer of \$10,000 to cover the existing drain of 3.164 acres and the .0775 acres of tillable ground that he would be losing. Discussion was held on how to proceed with the project. Ms. Zajac informed the Board the office has received signed purchase agreements from Karen Cieminski and Tyler Bjerke for their portion of the project. The consensus of the Board is to invite Mr. Wefel, Dave Ward and landowners in support of the project to the meeting on July 7, 2026, to further discuss the project.

A motion was made by Mgr. Ward and seconded by Mgr. Arndt to allow Houston Engineering to submit an application to the North Dakota Department of Water Resources for construction cost share.

Clint Arndt left the meeting.

#### **Temporary Access Agreement**

Ms. Zajac informed the Board the office received a verbal agreement to sign the temporary access agreements from Ben Dotzenrod with the adjusted post planting payment of \$500 an acre for the cleanouts along Drain 12, 17, and 67-8.

#### **Adjournment**

There being no further business to come before the Board, Chr. Kubela adjourned the meeting at 11:00 A.M.

Respectfully submitted,

Alison Zajac  
Secretary/Treasurer

Tom Kubela  
Chr of the Board



**Status Notes** **NEW THIS CYCLE -** **Sponsor**
**Project**
**WDP** **DEQ Score (IUP Phase**  
**Rank) S,PC,C,CI,O**
**Cost-share to**  
**SWC**
**Running**  
**Total/ Bucket**
**PREVIOUSLY DEFERRED**

| <b>RURAL</b>                  |               |                                    |   |    |   | Current Availabl | \$        | 2,762,507 | Rural Bucket |
|-------------------------------|---------------|------------------------------------|---|----|---|------------------|-----------|-----------|--------------|
| NEW AUGUST SWC                | Northeast RWD | User Facility Expansion            | M | 23 | C | \$               | 1,164,761 | \$        |              |
| SECRETARY                     | East Central  | Service to Emerado                 |   |    | C | \$               | 99,733    | \$        |              |
| SECRETARY (Executed \$37,500) | Dakota RWD    | System Expansion Feasibility Study | M | 22 | S |                  |           | \$        |              |

| <b>MUNICIPAL</b>                                                    |              |                                  |   |          |    | Current Availabl | \$        | 450,074 | Municipal Bucket |
|---------------------------------------------------------------------|--------------|----------------------------------|---|----------|----|------------------|-----------|---------|------------------|
|                                                                     | Underwood    | Water System Improvements 2026-1 | L | 12 (140) | C  | \$               | 555,466   | \$      |                  |
|                                                                     | Bismarck     | WU152                            | L | 10       | C  | \$               | 2,440,567 | \$      |                  |
| NEW AUGUST SWC                                                      | Grenora      | Water Treatment Improvements     | L | 9(248)   | PC | \$               | 30,000    | \$      |                  |
|                                                                     | Steele       | Water Main Replacement           | L | 9        | PC | \$               | 124,200   | \$      |                  |
| NEW AUGUST SWC                                                      | Almont       | Phase 1 Infrastructure           | L | 8        | C  | \$               | 47,540    | \$      |                  |
| <b>MUNICIPAL PROJECTS BEYOND CURRENT POTENTIAL FUNDING CAPACITY</b> |              |                                  |   |          |    |                  |           |         |                  |
| (May be near complete)                                              | Casselton    | Downtown                         | L | 7 (246)  | C  | \$               | 525,218   | \$      |                  |
|                                                                     | Harwood      | North Main Water Loop            | L | 4        | C  | \$               | 491,129   | \$      |                  |
| <b>MUNICIPAL PROJECTS NOT IN THE WATER DEVELOPMENT PLAN</b>         |              |                                  |   |          |    |                  |           |         |                  |
|                                                                     | Grafton      | Phase 1                          |   |          | C  | \$               | 2,556,064 | \$      |                  |
|                                                                     | Regent       | Main Avenue Reconstruction       |   |          | C  | \$               | 644,705   | \$      |                  |
|                                                                     | Watford City | 2026 Water Main Replacement      |   |          | C  | \$               | 2,130,923 | \$      |                  |
|                                                                     | West Fargo   | 1st Avenue                       |   |          | C  | \$               | 1,136,346 | \$      |                  |
|                                                                     | West Fargo   | Meadow Ridge                     |   |          | C  | \$               | 1,120,118 | \$      |                  |
|                                                                     | Williston    | West Broadway Improvements       |   |          | C  | \$               | 395,962   | \$      |                  |
|                                                                     | Rolla        | WTP Improvements                 |   |          | S  | \$               | 15,000    | \$      |                  |
|                                                                     | Binford      | Water & Wastewater System Imprv. |   |          | PC | \$               | 300,000   | \$      |                  |
|                                                                     | Mandan       | Intake Phase III Study           |   |          | S  | \$               | 135,000   | \$      |                  |
|                                                                     | Stanley      | Capitol Improvements Project IV  |   |          | PC | \$               | 95,640    | \$      |                  |
| WITHDRAWN                                                           | Dickinson    | I-94B, I-94W to State Ave        |   |          | C  |                  |           |         |                  |
| WITHDRAWN                                                           | Dickinson    | ND22 and 8th St Intersection     |   |          | C  |                  |           |         |                  |

**MUNICIPAL AND RURAL PROJECT DEOBLIGATIONS**

| <b>MUNICIPAL</b>  |            | <b>RURAL</b>        |              |
|-------------------|------------|---------------------|--------------|
| Municipal Balance | \$ 26,072  | Rural Balance       | \$ 2,091,210 |
| Bismarck          | \$ 138,591 | Cary-over Turn-back | \$ 614,981   |
| Bismarck          | \$ 285,412 | SoCentral           | \$ 56,316    |
|                   |            |                     |              |
|                   |            |                     |              |
|                   |            |                     |              |

# 1088342 - NRWD: User and Facility Expansion - Copy - Copy

## Application Details

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**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jul 1, 2026 9:24 AM  
**Initially Submitted By:** Geoff Slick  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Geoff Middle Name Slick  
Salutation First Name Last Name  
**Title:** Rural Water Practice Leader  
**Email\*:** Geoffrey.slick@ae2s.com  
**Address\*:** 6250 Driftwood Dr

Grand Forks North Dakota 58201  
City State/Province Postal Code/Zip

**Phone\*:** 701-213-7580 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

## Organization Information

**Status\*:** Approved

**Name\*:** Northeast Regional Water District

**Organization Type\*:** Municipal Government

**Tax Id:** 45-0461209

**Organization Website:**

**Address\*:** 13532 ND-5

**City:** Cavalier **State/Province:** North Dakota **Postal Code/Zip:** 58220-0000

**Phone\*:** (701) 265-8503 Ext. ###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** NRWD: User and Facility Expansion

**Sponsor(s)\*:** Northeast Regional Water District

**County\*:** Pembina

**City\*:** Cavalier

**Description of Request\*:** Updated (previously submitted)

**Project Type:** Rural Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

Northeast Regional Water District

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

Over 35-users haul water or are on individual wells. Poor water quality and quantity have urged users to switch to a public water system. Over the past 15 years, NRWD has added more than 500 new rural water users, expanded service to the City of Langdon, experienced substantial growth throughout the Pembina Gorge region, and seen significant increases in agricultural water use, particularly for crop spraying. These changes have fundamentally altered system operations and have pushed the existing reservoir and pumping facilities to their practical limits during peak demand periods.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

Addition of 35-users to the existing Northeast Regional Water District. Increase pumps sizes and add VFD for increased system operations, increase process piping at Reservoir 14, addition of new magnetic meters in lieu of turbine meters, many of which do not provide real time data, and update electrical and controls for better system monitoring.

**Describe the Objectives or Goals Specific to This Application\*:**

The goal of the application are to provide reliable service, improve system resiliency, and ensure adequate storage and pumping capacity for existing customers while accommodating future growth. Without these upgrades, NRWD's ability to meet peak demands, maintain system pressures, and provide dependable service will continue to become increasingly challenged.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of the application will be for installation of new process and electrical equipment, RPR services and contingencies for the project.

For this project,

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |       |
|---------------------------------------------------|-------|
| <b>What is the Current Estimated Population?*</b> | 10000 |
|---------------------------------------------------|-------|

For this project,

|                                           |      |
|-------------------------------------------|------|
| <b>What is the Benefited Population?*</b> | 5000 |
|-------------------------------------------|------|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed?*</b> | N/A |
|------------------------------------------------|-----|

**Have Land or Easements Been Acquired?\***: Yes

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: Yes

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: No

**Have You Applied for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***: No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\***: November 2025

**Design Completion\***: July 3, 2026

**Bid\***: August 13, 2026

**Construction Start\***: October 2026

**Construction Completion\***: May 2027

**Explain Additional Timeline Issues\***:

None anticipated at this time.

**Consulting Engineer\***: Geoff Slick

**Engineer Direct Phone Number\***: 701-746-8087



Engineer Email\*:

Geoffrey.slick@ae2s.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

Jeremy Schuler 06/29/2026  
First Name Last Name Date

**Title/Position/Authority\*:**

Manager

**Address\*:**

13532 ND-5  
Address Line 1  
Address Line 2  
Cavalier North Dakota 58220-0000  
City State Zip Code

**Direct Phone Number\*:**

701-265-8503

**Sponsor Email\*:**

Jeremy@nrwd.us

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

Richard Bigwood  
First Name Last Name

**Authorized Signor Title/Position:**

President

**Authorized Signor Email:**

mrbiggs77@hotmail.com

**Authorized Signor Direct Phone Number:**

701-520-1449

**Provide the Name for One Additional Board Member, if Applicable:**

Michelle Schommer  
First Name Last Name

|                                                     |                    |
|-----------------------------------------------------|--------------------|
| <b>Additional Board Member Title/Position:</b>      | Vice-President     |
| <b>Additional Board Member Email:</b>               | happy.4me@live.com |
| <b>Additional Board Member Direct Phone Number:</b> | 701-370-8343       |

## Documentation

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### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE to see examples.](#)

**Project Specific Map** NRWD New User and Reservoir Expansion.pdf  
Must Include Project Location in State  
Using an Inset Map and  
Distance/Direction to Nearest  
Community  
\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** May 28 2026 Minutes of NRWD 2 003.docx

**Cover Letter:** Cover Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:** sfn\_61801\_delineation\_of\_cost - Reservoirs.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** Combined Plans and Specs.pdf

**Is This a Water Supply Project?:** Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:** Updted NRWD Reservoirs 0630226.xlsx

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:** NRWD\_State Basic Asset Inventory Tool 063026.xlsx

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:** No

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

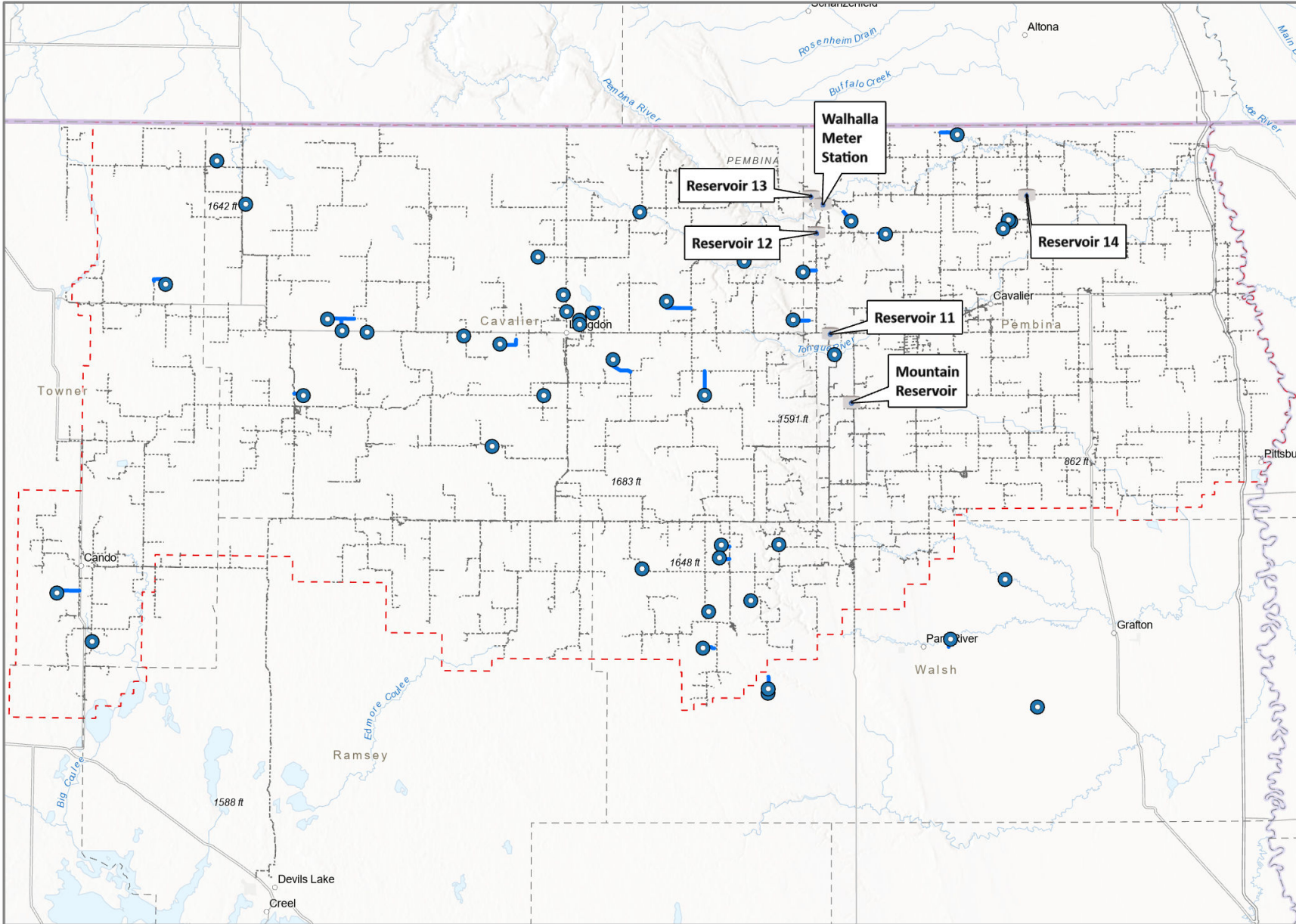
**Other Applicable Document(s):**

## Sources

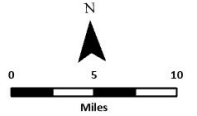
***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

| Source | If Other, Specify Funding Source | Source Status | State Fiscal Year 1<br>July to June | State Fiscal Year 2<br>July to June | Beyond Current<br>Biennium | Total Cost     | Type | Term | Interest Rate |
|--------|----------------------------------|---------------|-------------------------------------|-------------------------------------|----------------------------|----------------|------|------|---------------|
|        |                                  |               | \$2,029,665.00                      | \$1,553,015.00                      | \$0.00                     | \$3,582,680.00 |      |      |               |

| Source                                                                    | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State Fiscal<br>Year 1<br>July to June | State Fiscal<br>Year 2<br>July to June | Beyond<br>Current<br>Biennium | Total Cost            | Type  | Term  | Interest<br>Rate |
|---------------------------------------------------------------------------|-------------------------------------------|---------------------|----------------------------------------|----------------------------------------|-------------------------------|-----------------------|-------|-------|------------------|
| Department<br>of Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                           | Already<br>Approved | \$473,989.00                           | \$0.00                                 | \$0.00                        | \$473,989.00          | Grant | 0.00  | 0.00             |
| Other                                                                     | Local                                     | Already<br>Approved | \$157,996.00                           | \$0.00                                 | \$0.00                        | \$157,996.00          |       | 0.00  | 0.00             |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction         |                                           | Already<br>Approved | \$1,048,260.00                         | \$0.00                                 | \$0.00                        | \$1,048,260.00        | Grant | 0.00  | 0.00             |
| Other                                                                     | Local/Dues                                | Already<br>Approved | \$349,420.00                           | \$0.00                                 | \$0.00                        | \$349,420.00          |       | 0.00  | 0.00             |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction         |                                           | Current<br>Request  | \$0.00                                 | \$1,164,761.00                         | \$0.00                        | \$1,164,761.00        | Grant | 0.00  | 0.00             |
| Other                                                                     | Local                                     | Current<br>Request  | \$0.00                                 | \$388,254.00                           | \$0.00                        | \$388,254.00          | Loan  | 30.00 | 2.00             |
|                                                                           |                                           |                     | <b>\$2,029,665.00</b>                  | <b>\$1,553,015.00</b>                  | <b>\$0.00</b>                 | <b>\$3,582,680.00</b> |       |       |                  |



DWR Date Received : 7/6/26



1 inch equals 8 miles



Locator Map Not to Scale

## NEW USER AND RESERVOIR EXPANSION

### Previous DWR Request

- New Users
- New Pipeline
- Existing Pipeline
- NRWD Boundary

### Current DWR Request

- Reservoir/Pump Station Improvements

NORTHEAST REGIONAL  
WATER DISTRICT  
CAVALIER, ND

Date : 07/01/2026



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate.

Coordinate System: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Intl | Edited by: cclauson | W:\N\Northeast RWD\Biennium Planning\GIS\Biennium Planning - Mapping and Analysis.aprx | New User and Reservoir Expansion





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received : July 1, 2026

|            |                                       |
|------------|---------------------------------------|
| Date :     | Date Submitted                        |
| Project :  | NRWD: User and Pump Station Expansion |
| Sponsor :  | Northeast Regional Water District     |
| Contact :  | Jeremy Schuler, Manager               |
| Phone :    | 701-265-8503                          |
| Engineer : | Geoff Slick, AE2S                     |
| Phone :    | 701-746-8087                          |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 3,582,680.00 | Total Cost-Share* : | \$ 2,687,010.00 |
| Ineligible Cost : | \$ -            | Other Eligible:     | \$ -            |
| Eligible Cost :   | \$ 3,582,680.00 | Preconstruction :   | \$ 371,250.00   |
| Local Cost :      | \$ 895,670.00   | Construction :      | \$ 2,315,760.00 |

**Current request: \$1,164,761**

|                      |              |
|----------------------|--------------|
| Project Type:        | Cost-share % |
| Water Supply - Rural | 75%          |

|                                                                            |           | Cost Classification                                           | Quantity | Unit | Unit Price | Total                                      | Cost-Share %    | Cost-Share \$   |                 |
|----------------------------------------------------------------------------|-----------|---------------------------------------------------------------|----------|------|------------|--------------------------------------------|-----------------|-----------------|-----------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                                               |          |      |            |                                            |                 |                 |                 |
| Item                                                                       | % of Cost |                                                               |          |      |            |                                            |                 |                 |                 |
| 1                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 2                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 3                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 4                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 5                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
|                                                                            | 0.0%      | Other Eligible Total                                          |          |      |            | \$ -                                       | 75%             | \$ -            |                 |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                                               |          |      |            |                                            |                 |                 |                 |
| 6                                                                          | 1.4%      | Easement Acquisition (for Water Supply)                       | 1        |      | 50,000.00  | \$ 50,000.00                               | 75%             | \$ 37,500.00    |                 |
| 7                                                                          | 11.2%     | Final Design                                                  | 1        |      | 400,000.00 | \$ 400,000.00                              | 75%             | \$ 300,000.00   |                 |
| 8                                                                          | 1.3%      | Bidding/Negotiations                                          | 1        |      | 45,000.00  | \$ 45,000.00                               | 75%             | \$ 33,750.00    |                 |
| 9                                                                          | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 10                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
|                                                                            | 13.8%     | Preconstruction Total                                         |          |      |            | \$ 495,000.00                              | 75%             | \$ 371,250.00   |                 |
| Construction Engineering Costs                                             |           |                                                               |          |      |            |                                            |                 |                 |                 |
| 11                                                                         | 4.2%      | Construction Observation - Part 1                             | 1        |      | 150,000.00 | \$ 150,000.00                              | 75%             | \$ 112,500.00   |                 |
| 12                                                                         | 4.2%      | Construction Observation - Part 2 Current Request             | 1        |      | 150,000.00 | \$ 150,000.00                              | 75%             | \$ 112,500.00   |                 |
| 13                                                                         | 1.4%      | Crop Damages - Part 1                                         | 1        |      | 50,000.00  | \$ 50,000.00                               | 75%             | \$ 37,500.00    |                 |
| 14                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
|                                                                            | 9.8%      | Construction Engineering Total                                |          |      |            | \$ 350,000                                 | 75%             | \$ 262,500.00   |                 |
| Construction Costs                                                         |           |                                                               |          |      |            |                                            |                 |                 |                 |
| 15                                                                         | 4.2%      | Mobilization                                                  | 1        | LS   | 150,000.00 | \$ 150,000.00                              | 75%             | \$ 112,500.00   |                 |
| 16                                                                         | 0.0%      | Bonding                                                       | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 17                                                                         | 0.0%      | Insurance                                                     | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 18                                                                         | 12.0%     | Water Main 2 in                                               | 100000   | LF   | 4.30       | \$ 430,000.00                              | 75%             | \$ 322,500.00   |                 |
| 19                                                                         | 3.2%      | Boring - Poly                                                 | 9600     | LF   | 12.00      | \$ 115,200.00                              | 75%             | \$ 86,400.00    |                 |
| 20                                                                         | 4.2%      | Detailed Tie-In                                               | 33       | EA   | 4,548.48   | \$ 150,100.00                              | 75%             | \$ 112,575.00   |                 |
| 21                                                                         | 0.1%      | Fittings                                                      | 6        | EA   | 800.00     | \$ 4,800.00                                | 75%             | \$ 3,600.00     |                 |
| 22                                                                         | 2.9%      | Curb Stop                                                     | 35       | EA   | 2,922.86   | \$ 102,300.00                              | 75%             | \$ 76,725.00    |                 |
| 23                                                                         | 1.7%      | Meter                                                         | 35       | EA   | 1,771.43   | \$ 62,000.00                               | 75%             | \$ 46,500.00    |                 |
| 24                                                                         | 0.6%      | Meter - Frost Free                                            | 7        | EA   | 3,200.00   | \$ 22,400.00                               | 75%             | \$ 16,800.00    |                 |
| 25                                                                         | 0.1%      | Seeding                                                       | 4        | AC   | 500.00     | \$ 2,000.00                                | 75%             | \$ 1,500.00     |                 |
| 26                                                                         | 1.4%      | Restoration                                                   | 100000   | LF   | 0.50       | \$ 50,000.00                               | 75%             | \$ 37,500.00    |                 |
| 27                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 28                                                                         | 0.0%      |                                                               |          |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 29                                                                         | 22.3%     | Pump Stations -Process Pumps, Piping, Meters- Current Request | 6        | LS   | 133,333.33 | \$ 800,000.00                              | 75%             | \$ 600,000.00   |                 |
| 30                                                                         | 16.7%     | Pump Station - Electrical - Current Request                   | 6        | LS   | 100,000.00 | \$ 600,000.00                              | 75%             | \$ 450,000.00   |                 |
| 31                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 32                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 33                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 34                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 35                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
| 36                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
|                                                                            |           | Construction Sub-Total                                        |          |      |            | \$ 2,488,800.00                            | 75%             | \$ 1,866,600.00 |                 |
|                                                                            | 6.9%      | Allowable Contingency (10%)                                   |          |      |            | \$ 248,880.00                              | 75%             | \$ 186,660.00   |                 |
|                                                                            | 0.0%      | Elective Contingency Reduction                                | 0        |      | -          | \$ -                                       | 75%             | \$ -            |                 |
|                                                                            | 76.4%     | Construction Total                                            |          |      |            | \$ 2,737,680.00                            | 75%             | \$ 2,053,260.00 |                 |
|                                                                            |           |                                                               |          |      |            | Eligible Preconstruction                   | \$ 495,000.00   | 75%             | \$ 371,250.00   |
|                                                                            |           |                                                               |          |      |            | Eligible Construction                      | \$ 3,087,680.00 | 75%             | \$ 2,315,760.00 |
|                                                                            |           |                                                               |          |      |            | Eligible Total                             | \$ 3,582,680.00 | 75%             | \$ 2,687,010.00 |
| Ineligible Preconstruction Costs                                           |           |                                                               |          |      |            |                                            |                 |                 |                 |
| 37                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 38                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 39                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 40                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
|                                                                            | 0.0%      | Preconstruction Ineligible Total                              |          |      |            | \$ -                                       | 0%              | \$ -            |                 |
| Ineligible Construction Costs                                              |           |                                                               |          |      |            |                                            |                 |                 |                 |
| 41                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 42                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 43                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
| 44                                                                         | 0.0%      |                                                               | 0        |      | -          | \$ -                                       | 0%              | \$ -            |                 |
|                                                                            | 0.0%      | Construction Ineligible Total                                 |          |      |            | \$ -                                       | 0%              | \$ -            |                 |
|                                                                            |           |                                                               |          |      |            | Ineligible Total                           | \$ -            | 0%              | \$ -            |
|                                                                            |           |                                                               |          |      |            | Project Total                              | \$ 3,582,680.00 |                 |                 |
|                                                                            |           |                                                               |          |      |            | Federal or State Funds That Supplant Costs | \$ -            |                 |                 |
|                                                                            |           |                                                               |          |      |            | Eligible Cost Total                        | \$ 3,582,680.00 | 75%             | \$ 2,687,010.00 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** Northeast Regional Water District  
**Project Title:** NRWD: User and Reservoir Expansion  
**Date:** July 2, 2026

### Explanation of Alternatives:

- Do Nothing: Users continue to haul water or use individual wells. Facilities remain undersized and cannot meet demand during critical periods. Reservoirs get low during spray and end users lack water pressure. Current infrastructure is unable to provide the area with reliable water.

- **Addition of 35 Users - Facility Expansion - Preferred:** The project adds 35-users to the existing NRWD system and updates pumping, metering, controls and electrical for facilities near the NRWD WTP.

- Addition of 35 Users and Upsize pipelines: Pipelines are upsized and flow is pumped from NRWD WTP and will not have to be repumped. This decreases the need for reservoir/pump stations.

### Inputs:

|                                 |      |                                                    |             |
|---------------------------------|------|----------------------------------------------------|-------------|
| New Connections Served          | 35   | Current CIF Balance                                | \$2,258,154 |
| Future Connections Served       | 0    | Annual CIF Contribution                            | \$700,000   |
| Current Connections Served      | 2695 | Cash Funding Target (Percentage %) New Assets      | 25%         |
| Net Connections (New + Current) | 2730 | Cash Funding Target (Percentage %) Existing Assets | 25%         |
|                                 |      | Annual CIF Contribution suggested for the Project  | \$29,238    |

|                   | Do Nothing | Addition of 35 Users -<br>Facility expansion -<br>Preferred | Addition of 35 Users and<br>Upsize pipelines | -   |
|-------------------|------------|-------------------------------------------------------------|----------------------------------------------|-----|
| Construction Cost | \$0        | \$3,582,700                                                 | \$7,231,800                                  | \$0 |
| Annual O & M      | \$0        | \$40,000                                                    | \$20,000                                     | \$0 |

### Details:

The LCCA evaluates the project in its entirety (user expansion and reservoir expansion). Current funding request is for the reservoir expansion phase of the project, user expansion funding request occurred in March 2026. Project was separated into phases because of bid/construction

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                                            | Do Nothing    | Addition of 35 Users -<br>Facility expansion -<br>Preferred | Addition of 35 Users and<br>Upsize pipelines | -             |
|--------------------------------------------|---------------|-------------------------------------------------------------|----------------------------------------------|---------------|
| Present Value                              |               |                                                             |                                              |               |
| Capital Costs                              | \$0           | \$3,526,000                                                 | \$7,118,000                                  | \$0           |
| O&M                                        | \$0           | \$932,000                                                   | \$469,000                                    | \$0           |
| Repair, Rehab, Replacement                 | \$0           | \$835,000                                                   | \$1,161,000                                  | \$0           |
| Salvage Value                              | \$0           | \$213,000                                                   | \$31,000                                     | \$0           |
| <b>Total PVC</b>                           | <b>\$0</b>    | <b>\$5,080,000</b>                                          | <b>\$8,717,000</b>                           | <b>\$0</b>    |
| <b>PV Cost Per User</b>                    | <b>\$0</b>    | <b>\$1,861</b>                                              | <b>\$3,193</b>                               | <b>\$0</b>    |
| Construction Cost Per User                 | \$0           | \$1,312                                                     | \$2,649                                      | \$0           |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$101</b>  |                                                             |                                              |               |
| <b>Comparable Water Rate</b>               | <b>\$84</b>   |                                                             |                                              |               |
| Net Connections (New + Current)            | 2,730         | 2,730                                                       | 2,730                                        | 2,730         |
| Cost-Share Percent                         | 75%           | 75%                                                         | 75%                                          | 75%           |
| Local Share                                | \$0           | \$881,500                                                   | \$1,779,500                                  | \$0           |
| Other Funding                              | \$0           | \$0                                                         | \$0                                          | \$0           |
| Total Local                                | \$0           | \$881,500                                                   | \$1,779,500                                  | \$0           |
| <b>Payment Per User With Cost-Share</b>    | <b>\$0.00</b> | <b>\$1.63</b>                                               | <b>\$3.30</b>                                | <b>\$0.00</b> |
| Local Share                                | \$0           | \$3,526,000                                                 | \$7,118,000                                  | \$0           |
| Other Funding                              | \$0           | \$0                                                         | \$0                                          | \$0           |
| Total Local                                | \$0           | \$3,526,000                                                 | \$7,118,000                                  | \$0           |
| <b>Payment Per User Without Cost-Share</b> | <b>\$0.00</b> | <b>\$6.53</b>                                               | <b>\$13.19</b>                               | <b>\$0.00</b> |

### Explanation of Results:

The preferred alternative adds 35 users to the system and updates supporting infrastructure to meet demand. The present value cost per user is \$1,861 and construction cost per user is \$1,312. Monthly cost with 75% DWR Cost Share participation is \$1.63 and \$6.53 per user without DWR participation.

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



June 26, 2026

**Reice Haase**

Director, State Water Commission  
1200 Memorial Highway  
Bismarck, ND 58504

**Re: Northeast Regional Water District User and Reservoir Expansion Project –  
Construction Cost Share Application**

Dear Director Haase:

The Northeast Regional Water District (NRWD) respectfully submits this application for North Dakota State Water Commission construction cost-share funding for **Part 2 of the NRWD User and Reservoir Expansion Project**.

This phase of the project focuses on expanding and upgrading six existing reservoir and pump station sites that have remained largely unchanged since they were originally constructed more than 30 years ago. During that time, NRWD has experienced significant growth throughout its service area, placing increasing demands on infrastructure that was never designed to support today's customer base or water demands.

Over the past 15 years, NRWD has added more than 500 new rural water users, expanded service to the City of Langdon, experienced substantial growth throughout the Pembina Gorge region, and seen significant increases in agricultural water use, particularly for crop spraying. These changes have fundamentally altered system operations and have pushed the existing reservoir and pumping facilities to their practical limits during peak demand periods.

The proposed improvements are necessary to maintain reliable service, improve system resiliency, and ensure adequate storage and pumping capacity for existing customers while accommodating future growth. Without these upgrades, NRWD's ability to meet peak demands, maintain system pressures, and provide dependable service will continue to become increasingly challenged.

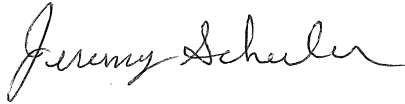
This project also protects the substantial public investment previously made in the district's water infrastructure. Expanding existing facilities is a cost-effective approach that maximizes the value of prior state investments while improving long-term operational efficiency and reducing the risk of service interruptions. The improvements will strengthen NRWD's ability to provide safe,

reliable drinking water to rural residents, communities, farms, and businesses throughout northeastern North Dakota.

State cost-share participation is essential to the successful completion of this project. The requested funding will allow NRWD to continue providing dependable water service while supporting economic development, agricultural productivity, and the long-term sustainability of the region.

NRWD appreciates the State Water Commission's continued partnership and commitment to investing in North Dakota's regional water infrastructure. Thank you for your consideration of this funding request. Should you have any questions or require additional information, please do not hesitate to contact me at (701) 370-0608.

Sincerely,

A handwritten signature in black ink, reading "Jeremy Schuler". The signature is fluid and cursive, with the first name "Jeremy" and last name "Schuler" clearly legible.

**Jeremy Schuler**  
General Manager  
Northeast Regional Water District

**MINUTES OF THE  
NORHTEAST REGIONAL WATER DISTRICT  
Monthly Meeting  
May 28, 2026**

The NRWD meeting was called to order by President Rick Bigwood at 7:02 AM at the Langdon office.

Directors present: Bruce Henschel(phone), Arnie Peterson, Rick Bigwood(phone), and Michele Schommer.

Others present were Jeremy Schuler, manager, and Geoff Slick, AE2S.

President Bigwood asked if there were any corrections or omissions for the April 30, 2026 minutes. Michele made a motion the minutes stand as presented, second by Arnie, MC.

Managers report: Water sales for March were 42.83 million gallons with a 114.1% accountability. This high accountability was due to a meter showing more gallons than were recorded. We now have 2,702 accounts and there were 7 leaks in the NV branch and none in the Langdon branch. Jeremy met with the FBI Partner on April 30<sup>th</sup> in regards to cyber security. Attended a manager meeting where they discussed educating the SWC and DWR staff on how important it is to continue funding for water projects around the state. He also virtually attended a Pre-commission meeting where there were discussions and concerns in regards to the proposed funding cuts for water projects.

Rick reported on LAWA. A meeting was held on May 11<sup>th</sup> to approve accepting the \$150,000,000 of Federal money that was received. They are also currently looking for an Executive Director for LAWA and have 7 candidates.

Michele reported on NRW. There will be a finance meeting coming up in June and other meetings scheduled for July.

Bruce reported on NDRWSA. Eric and the staff are preparing for the quarterly Board of Directors meeting coming up on June 30<sup>th</sup> at the Nome School. Eric is reviewing the proposed funding change for water projects and we will be discussing that at our next meeting.

Jeremy and the board discussed the lack of participation from our current lawyer at meetings that should have been attended. He will work on contacting him and will bring more info to the next monthly meeting.

Due to scheduling issues, we will combine June and July into one meeting. It will be on July 7<sup>th</sup> at 7:00 AM at the Akra office.



Geoff reported on the WTP/Wellfield project. It is mostly complete with some punch list items to do. Mostly cleanup and landscaping. Final completion of the project is expected in early August after the new blowers are installed.

Change orders were then presented. Michele made a motion to approve payment of change order #5 in the amount of \$18,736.00 for Swanberg Construction for the lead time on the blowers and other items. Second by Arne, all voting in favor, MC.

Michele made a motion to approve payment of change order #7 in the amount of \$32,974.79 for Sun Electric for lead time on the blowers and other materials and labor. Second by Bruce, all voting in favor, MC.

An invoice was then presented. Arnie made a motion to approve payment of the invoice for construction, electrical, and engineering, in the amount of \$167,139.46. There was second by Michele, all voting in favor, MC.

Geoff reported on the User Expansion project. They held a preconstruction meeting and Apex Drainage is looking at starting the first part of June. They expect to have the new users installed by the end of August. He noted that being they are a new company to work with, they will monitor them closely to make sure the work is done correctly.

Geoff reported the easements are 63% complete and they should all be done soon.

An invoice was presented for Apex Drainage for material. Michele made a motion to approve payment of the invoice in the amount of \$91,392.93 for material for this project. Second by Arnie, all voting favor, MC.

Jeremy informed the board that final design and bidding of the phase 2 of the User and Reservoir project could be complete by end of June, which would allow us enough time to submit to the SWC to be on the August meeting.

Michele made a motion to allow AE2S and Jeremy to apply for additional funding for phase 2 of the user and reservoir expansion project. Second by Bruce, all voting favor, MC.

After reviewing the paid bills, Bruce made a motion to approve the payment of bills #43150-43209. Second by Michele, all voting in favor, MC.

Our next meeting will be on July 7<sup>th</sup> at 7:00 AM at the Akra office.

Being no other business, meeting was adjourned.

Respectfully submitted,

Bruce Henschel

Secretary/Treasurer

# 1088332 - WAWSA R&T Stanley Part II Alt II & Little Knife Bay Preconstruction

## Application Details

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**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 30, 2026 2:41 PM  
**Initially Submitted By:** Christopher Barke  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Christopher Middle Name Barke  
First Name Last Name  
**Title:** Executive Director  
**Email\*:** chris.barke@wawsp.com  
**Address\*:** 1117 E Broadway

Williston North Dakota 58801  
City State/Province Postal Code/Zip

**Phone\*:** 701-774-6605 214  
Phone Ext.  
###-###-####

**Fax:** ###-###-####

**Comments:**

## Organization Information

**Status\*:** Approved

**Name\*:** Western Area Water Supply Authority

**Organization Type\*:** Municipal Government

**Tax Id:** 45-2909916

**Organization Website:**

**Address\*:** PO Box 2343

Williston North Dakota 58802-2343  
City State/Province Postal Code/Zip

**Phone\*:** (701) 774-6605 Ext.  
###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** WAWSA R&T Stanley Part II Alt II & Little Knife Bay

**Sponsor(s)\*:** Western Area Water Supply Authority

**County\*:** Multiple

**City\*:** Multiple

**Description of Request\*:** New

**Project Type:** Rural Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

Missouri River & Ray Aquifer

**Jurisdictions/Stakeholders**

**Involved\*:**

Western Area Water Supply Authority, City of Williston, McKenzie County Water Resource District, Northwest Rural Water District, R&T Water District, BDW Rural Water

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

Water demands in northwest North Dakota continue to expand with population growth, commercial and industrial water demand growth, and agricultural producers continue to look for reliable water supplies. WAWSA, in cooperation with its member entities, continues working to expand service to meet these growing demands.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The purpose of the proposed project is to supply quality potable drinking water to new R&T Water District rural users through the installation of a total of 62 miles of rural distribution pipeline to serve 82 new users. This project will also include a bulk service from the City of New Town and a new booster pump station.

**Describe the Objectives or Goals Specific to This Application\*:**

This application is requesting preconstruction cost share for the design, bidding, cultural resource review and US Army Corps permitting for the project.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

Project will provide service to 82 new rural water customers.

For this project,

|                                                       |                |
|-------------------------------------------------------|----------------|
| <b>Choose City, County, Water District or Other*:</b> | Water District |
|-------------------------------------------------------|----------------|

|                                                   |       |
|---------------------------------------------------|-------|
| <b>What is the Current Estimated Population?*</b> | 70000 |
|---------------------------------------------------|-------|

For this project,

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population?*</b> | 188 |
|-------------------------------------------|-----|

|                                                |     |
|------------------------------------------------|-----|
| <b>Have Assessment Districts Been Formed?*</b> | N/A |
|------------------------------------------------|-----|

|                                               |    |
|-----------------------------------------------|----|
| <b>Have Land or Easements Been Acquired?*</b> | No |
|-----------------------------------------------|----|



**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

Yes

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

No

**Have You Applied for any State Permits?\***

No

**Have You Applied for any Local Permits?\***

No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*,

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*** 9/2026

**Design Completion\*** 3/2027

**Bid\*** 4/2027

**Construction Start\*** 5/2027

**Construction Completion\*** 11/2028

**Explain Additional Timeline Issues\***

No anticipated issues at this time.

**Consulting Engineer\*** Weston McGruder, AE2S

**Engineer Direct Phone Number\*** 701-320-4838

**Engineer Email\*** weston.mcgruder@ae2s.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

Chris Barke 06/30/2026  
First Name Last Name Date

**Title/Position/Authority\*:**

Executive Director

**Address\*:**

1117 E Broadway  
Address Line 1  
Address Line 2  
Williston North Dakota 58801-\_\_\_\_  
City State Zip Code

**Direct Phone Number\*:**

701-570-0426

**Sponsor Email\*:**

chris.barke@wawsp.com

**Are You Seeking Department of Water Resources Cost-Share?\*:**

Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

Chris Brostuen  
First Name Last Name

**Authorized Signor Title/Position:**

Chairman

**Authorized Signor Email:**

brostuen@live.com

**Authorized Signor Direct Phone Number:**

701-557-8100

**Provide the Name for One Additional Board Member, if Applicable:**

First Name Last Name

**Additional Board Member Title/Position:**

**Additional Board Member Email:**

**Additional Board Member Direct**

**Phone Number:**

## Documentation

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### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** Yes

[CLICK HERE to see examples.](#)

**Project Specific Map** 01 Map.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** 02 WAWSA\_Board\_Meeting\_Minutes.pdf

**Cover Letter:**

03.1 WAWSA\_RTWD\_St Stanley\_Part\_II\_Alt\_II\_LKB\_PreConstruction\_Funding\_Cost\_Request\_Letter.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

04.2 WAWSA\_RTWD\_St Stanley\_Part\_II\_Alt\_II\_LKB\_Delineation\_Of\_Cost\_75.xlsx

**Type of Request:** Preconstruction

**Is This a Water Supply Project?:** Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:**

05 WAWSA\_RTWD\_St Stanley\_Part\_II\_Alt\_II\_LKB\_Preconstruction\_life\_cycle\_cost\_analysis\_worksheet.xlsx

**Is This a Rural Flood Control Project?:** No

Is This a Drain Reconstruction Project?: No

Is This a Flood Recovery Property Acquisition Project?: No

If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?: No

Sovereign Land Permit, if Required for Construction Request:

DWR Construction Permit, if Required for Construction Request:

Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:

Has a Feasibility/Engineering Study Been Completed for the Project?: No

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document:

04.1 WAWSA\_RTWD\_Stamley\_Part\_II\_Alt\_II\_LKB\_Delineation\_Of\_Cost\_60.xlsx

Other Applicable Document:

Other Applicable Document:

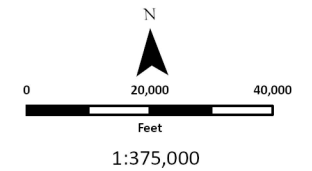
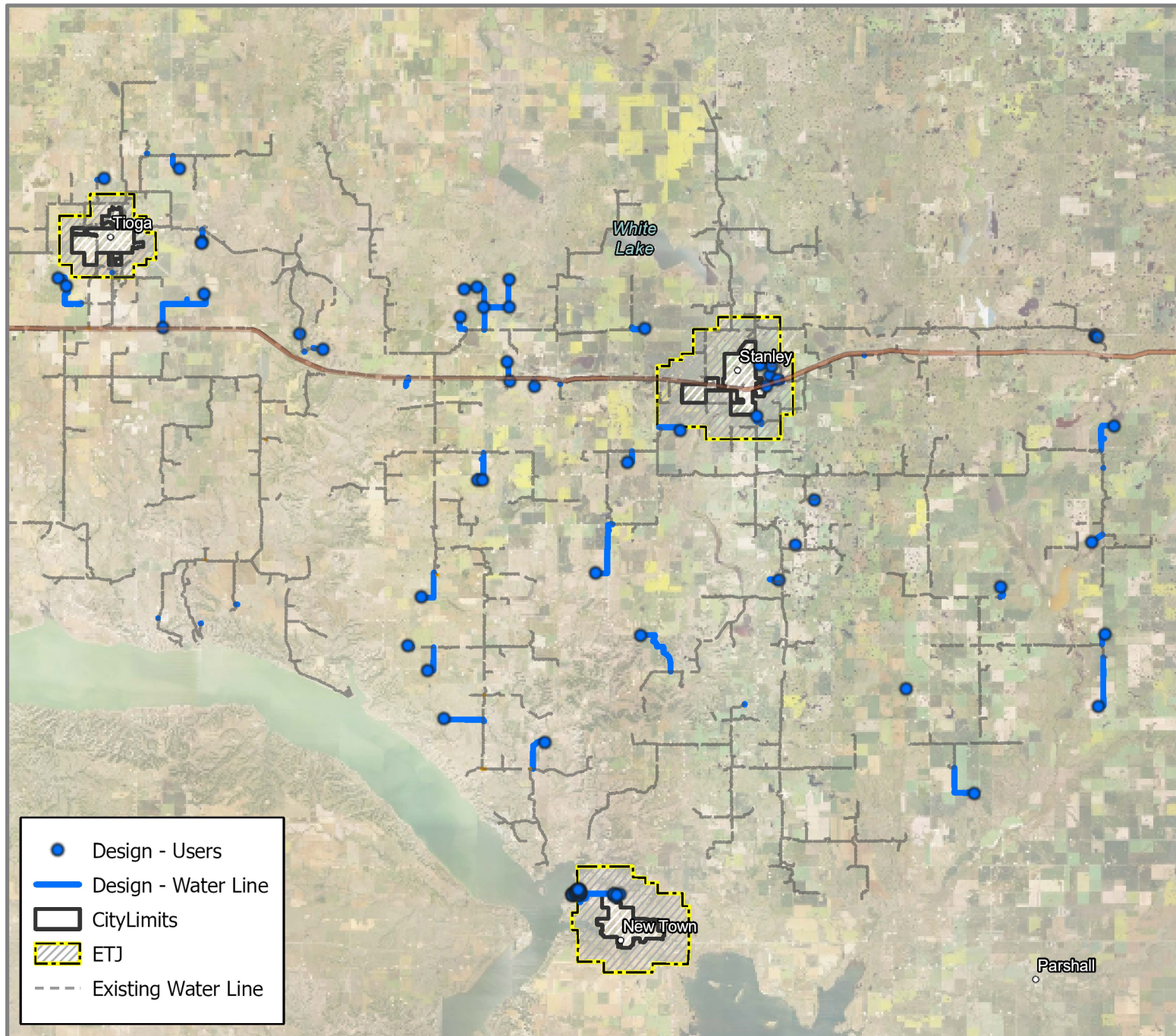
## Sources

**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

| Source | If Other, Specify Funding Source | Source Status | State Fiscal Year 1 | State Fiscal Year 2 | Beyond Current Biennium | Total Cost      | Type | Term | Interest Rate |
|--------|----------------------------------|---------------|---------------------|---------------------|-------------------------|-----------------|------|------|---------------|
|        |                                  |               | July to June        | July to June        |                         |                 |      |      |               |
|        |                                  |               | \$0.00              | \$4,023,000.00      | \$7,080,400.00          | \$11,103,400.00 |      |      |               |

| Source                                                                    | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status   | State<br>Fiscal<br>Year 1 | State Fiscal           | Beyond              | Total Cost      | Type  | Term  | Interest<br>Rate |
|---------------------------------------------------------------------------|-------------------------------------------|--------------------|---------------------------|------------------------|---------------------|-----------------|-------|-------|------------------|
|                                                                           |                                           |                    | July<br>to<br>June        | Year 2<br>July to June | Current<br>Biennium |                 |       |       |                  |
| Department of<br>Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                           | Current<br>Request | \$0.00                    | \$646,650.00           | \$0.00              | \$646,650.00    | Grant | 0.00  | 0.00             |
| Drinking Water<br>State<br>Revolving<br>Fund                              |                                           | Current<br>Request | \$0.00                    | \$326,350.00           | \$0.00              | \$326,350.00    | Loan  | 30.00 | 2.50             |
| Department of<br>Water<br>Resources<br>Cost Share<br>Construction         |                                           | Future<br>Request  | \$0.00                    | \$2,250,000.00         | \$5,310,300.00      | \$7,560,300.00  | Grant | 0.00  | 0.00             |
| Drinking Water<br>State<br>Revolving<br>Fund                              |                                           | Future<br>Request  | \$0.00                    | \$800,000.00           | \$1,770,100.00      | \$2,570,100.00  | Loan  | 30.00 | 2.50             |
|                                                                           |                                           |                    | \$0.00                    | \$4,023,000.00         | \$7,080,400.00      | \$11,103,400.00 |       |       |                  |





Locator Map Not to Scale

Williams &  
Mountrail County, ND

Item B

## STANLEY PART II ALT II & LITTLE KNIFE BAY

### PROJECT OVERVIEW MAP

WAWSA - R&T WD

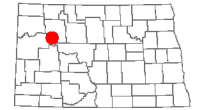
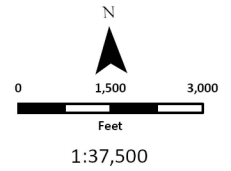
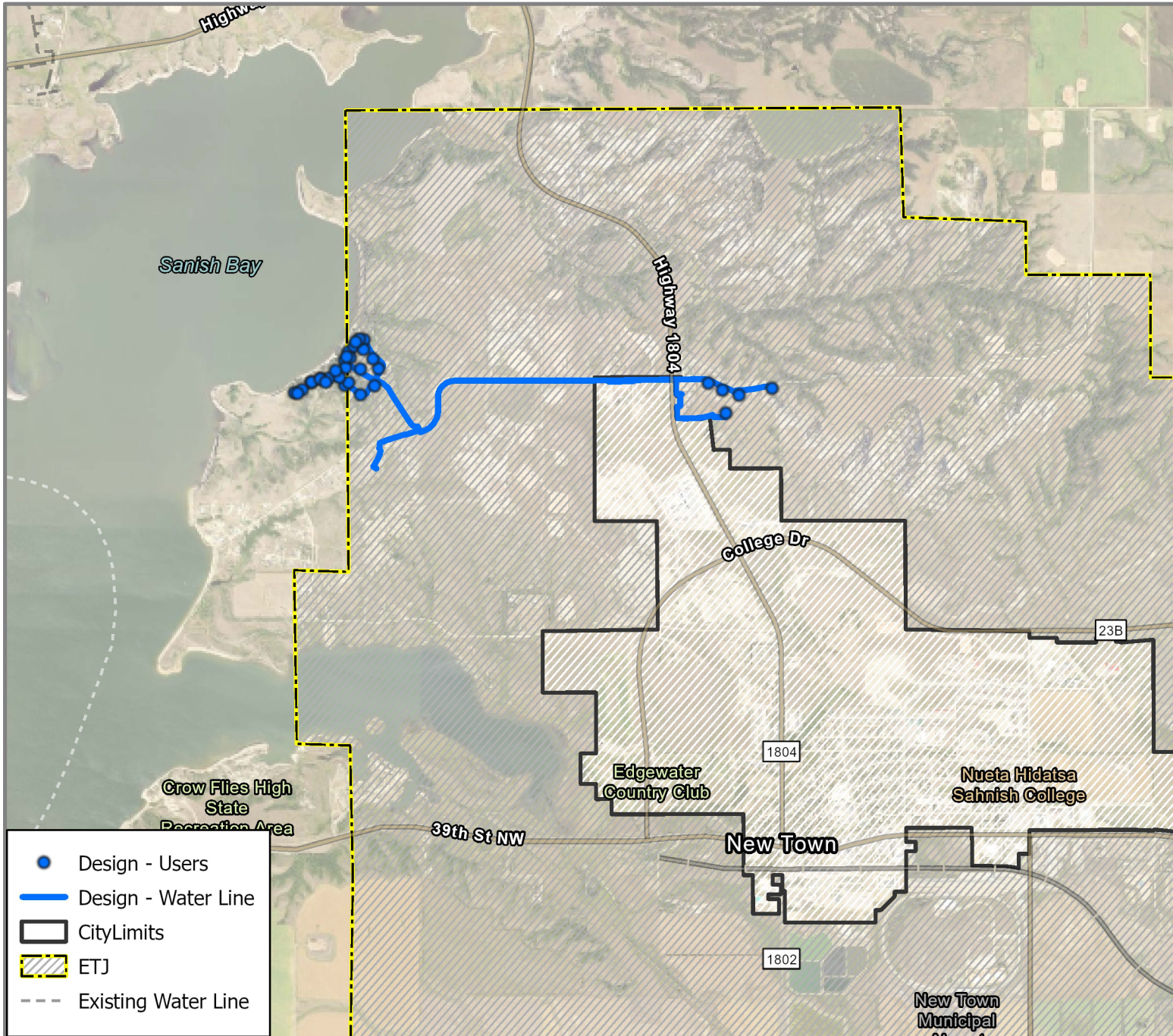
Date: 6/29/2026



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate.

Coordinate System: NAD 1983 2011 Contiguous USA Albers | Edited by: GOlson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx | NDDWR\_Cost\_Share\_AppB





Locator Map Not to Scale

Williams &  
Mountrail County, ND

Item B2

## STANLEY PART II ALT II & LITTLE KNIFE BAY

## NEW TOWN ETJ SERVICES DETAIL

WAWSA - R&T WD

Date: 6/29/2026

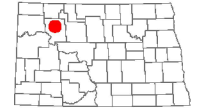
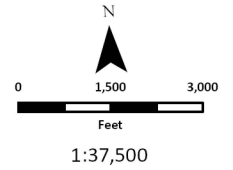
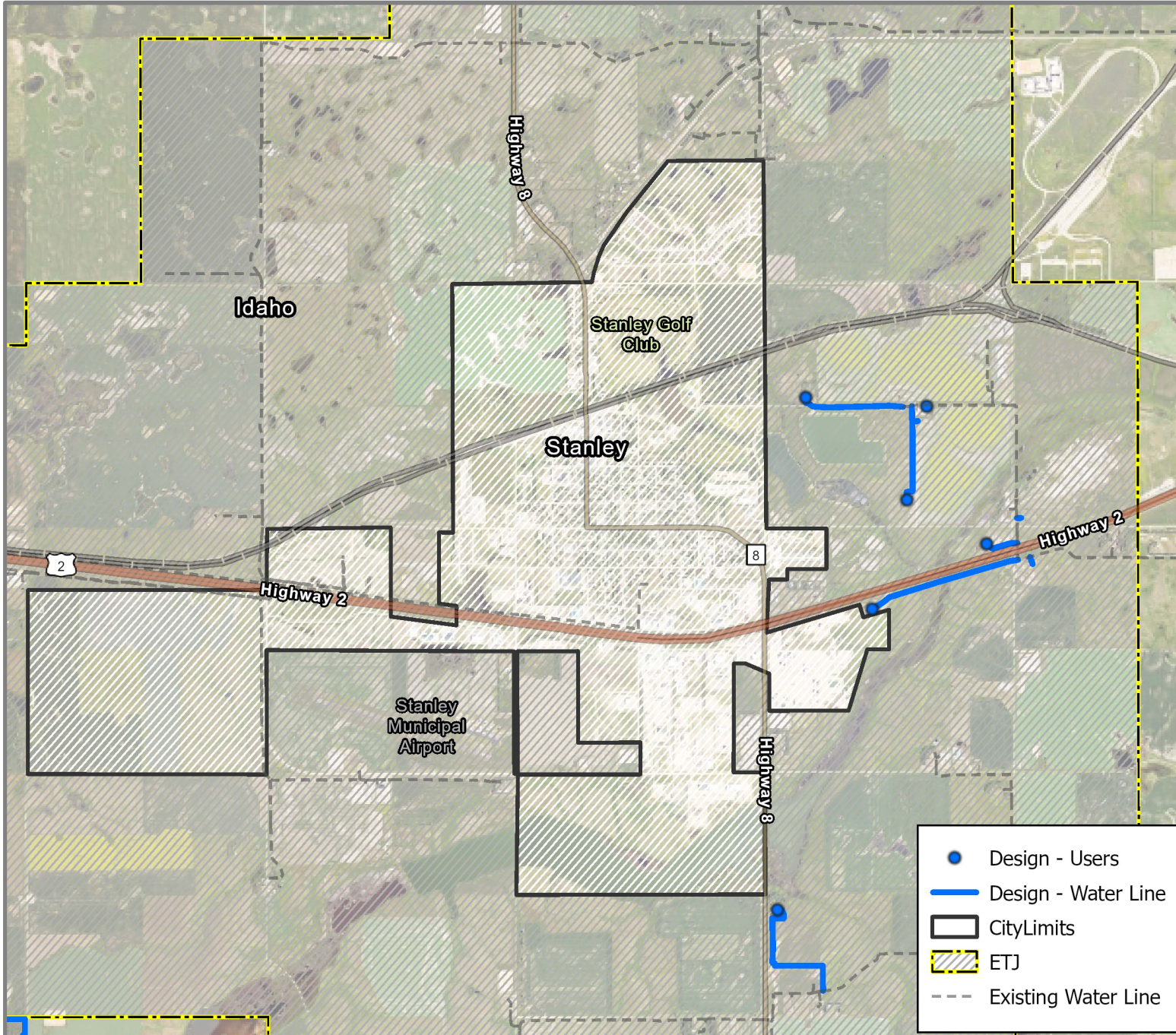


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Coordinate System: NAD 1983 2011 Contiguous USA Albers | Edited by: GOlson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx |

NDDWR\_Cost\_Share\_AppB\_Detail





Locator Map Not to Scale

Williams &  
Mountrail County, ND

Item B3

## STANLEY PART II ALT II & LITTLE KNIFE BAY

## STANLEY ETJ SERVICES DETAIL

WAWSA - R&T WD

Date: 6/29/2026



Information depicted may include data unverified by AE2S. Any reliance upon such data is at the user's own risk. AE2S does not warrant this map or its features are either spatially or temporally accurate.

Coordinate System: NAD 1983 2011 Contiguous USA Albers | Edited by: GOlson | W:\W\WAWSA\10670-2024-009\GIS\10670-2024-009 Stanley Part II Alt II & LKB - Engineering Staff - Sophia.aprx | NDDWR\_Cost\_Share\_AppB\_Detail





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received :

|            |                                                        |
|------------|--------------------------------------------------------|
| Date :     | 6/29/26                                                |
| Project :  | WAWSA R&T WD Stanley Part II Alt II & Little Knife Bay |
| Sponsor :  | Western Area Water Supply Authority                    |
| Contact :  | Chris Barke, Executive Director                        |
| Phone :    | 701-774-6605                                           |
| Engineer : | Cory Chome, PE, AE2S                                   |
| Phone :    | 701-221-0530                                           |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 7,953,057.50 | Total Cost-Share* : | \$ 5,907,793.13 |
| Ineligible Cost : | \$ 76,000.00    | Other Eligible:     | \$ -            |
| Eligible Cost :   | \$ 7,877,057.50 | Preconstruction :   | \$ 434,250.00   |
| Local Cost :      | \$ 2,045,264.38 | Construction :      | \$ 5,473,543.13 |

|                      |              |
|----------------------|--------------|
| Project Type:        | Cost-share % |
| Water Supply - Rural | 75%          |

|                                                                            |           | Cost Classification                      | Quantity | Unit | Unit Price | Total           | Cost-Share % | Cost-Share \$   |
|----------------------------------------------------------------------------|-----------|------------------------------------------|----------|------|------------|-----------------|--------------|-----------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                          |          |      |            |                 |              |                 |
| Item                                                                       | % of Cost |                                          |          |      |            |                 |              |                 |
| 1                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 2                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 3                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 4                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 5                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                            | 0.0%      | Other Eligible Total                     |          |      |            | \$ -            | 75%          | \$ -            |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                          |          |      |            |                 |              |                 |
| 6                                                                          | 0.9%      | Preliminary Design                       | 1        | NA   | 69,000.00  | \$ 69,000.00    | 75%          | \$ 51,750.00    |
| 7                                                                          | 4.5%      | Final Design                             | 1        | NA   | 356,000.00 | \$ 356,000.00   | 75%          | \$ 267,000.00   |
| 8                                                                          | 0.2%      | Bidding / Negotiations                   | 1        | NA   | 19,000.00  | \$ 19,000.00    | 75%          | \$ 14,250.00    |
| 9                                                                          | 1.7%      | Archeological Study                      | 1        | NA   | 135,000.00 | \$ 135,000.00   | 75%          | \$ 101,250.00   |
| 10                                                                         | 0.0%      |                                          |          |      | -          | \$ -            | 75%          | \$ -            |
|                                                                            | 7.3%      | Preconstruction Total                    |          |      |            | \$ 579,000.00   | 75%          | \$ 434,250.00   |
| Construction Engineering Costs                                             |           |                                          |          |      |            |                 |              |                 |
| 11                                                                         | 2.3%      | Construction Contract Management         | 1        | NA   | 181,000.00 | \$ 181,000.00   | 75%          | \$ 135,750.00   |
| 12                                                                         | 6.1%      | Project Inspection                       | 1        | NA   | 482,000.00 | \$ 482,000.00   | 75%          | \$ 361,500.00   |
| 13                                                                         | 0.4%      | Post-Construction / Warranty             | 1        | NA   | 33,000.00  | \$ 33,000.00    | 75%          | \$ 24,750.00    |
| 14                                                                         | 0.1%      | I&C System Services                      | 1        | NA   | 5,000.00   | \$ 5,000.00     | 75%          | \$ 3,750.00     |
|                                                                            | 8.8%      | Construction Engineering Total           |          |      |            | \$ 701,000.00   | 75%          | \$ 525,750.00   |
| Construction Costs                                                         |           |                                          |          |      |            |                 |              |                 |
| 15                                                                         | 8.8%      | Mobilization                             | 1        | LS   | 700,000.00 | \$ 700,000.00   | 75%          | \$ 525,000.00   |
| 16                                                                         | 1.6%      | Bonding                                  | 1        | LS   | 125,000.00 | \$ 125,000.00   | 75%          | \$ 93,750.00    |
| 17                                                                         | 0.9%      | Insurance                                | 1        | LS   | 70,000.00  | \$ 70,000.00    | 75%          | \$ 52,500.00    |
| 18                                                                         | 25.8%     | Water Main 2 in                          | 195350   | LF   | 10.50      | \$ 2,051,175.00 | 75%          | \$ 1,538,381.25 |
| 19                                                                         | 0.9%      | Water Main 3 in                          | 5500     | LF   | 12.50      | \$ 68,750.00    | 75%          | \$ 51,562.50    |
| 20                                                                         | 30.2%     | Boring - Non-Cased                       | 77400    | LF   | 31.00      | \$ 2,399,400.00 | 75%          | \$ 1,799,550.00 |
| 21                                                                         | 3.2%      | Meter - Frost Free                       | 44       | EA   | 5,750.00   | \$ 253,000.00   | 75%          | \$ 189,750.00   |
| 22                                                                         | 2.2%      | Pipeline Appurtenances                   | 1        | LS   | 175,000.00 | \$ 175,000.00   | 75%          | \$ 131,250.00   |
| 23                                                                         | 1.9%      | Oil/Gas/Saltwater Line Verification      | 155      | EA   | 1,000.00   | \$ 155,000.00   | 75%          | \$ 116,250.00   |
| 24                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 25                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 26                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 27                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 28                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 29                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 30                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 31                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 32                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 33                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 34                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 35                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 36                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                            |           | Construction Sub-Total                   |          |      |            | \$ 5,997,325.00 | 75%          | \$ 4,497,993.75 |
|                                                                            | 7.5%      | Allowable Contingency (10%)              |          |      |            | \$ 599,732.50   | 75%          | \$ 449,799.38   |
|                                                                            | 0.0%      | Elective Contingency Reduction           | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                            | 82.9%     | Construction Total                       |          |      |            | \$ 6,597,057.50 | 75%          | \$ 4,947,793.13 |
| Eligible Preconstruction                                                   |           |                                          |          |      |            | \$ 579,000.00   | 75%          | \$ 434,250.00   |
| Eligible Construction                                                      |           |                                          |          |      |            | \$ 7,298,057.50 | 75%          | \$ 5,473,543.13 |
| Eligible Total                                                             |           |                                          |          |      |            | \$ 7,877,057.50 | 75%          | \$ 5,907,793.13 |
| Ineligible Preconstruction Costs                                           |           |                                          |          |      |            |                 |              |                 |
| 37                                                                         | 0.2%      | Administrative Services/Support Services | 1        | LS   | 12,500.00  | \$ 12,500.00    | 0%           | \$ -            |
| 38                                                                         | 0.2%      | Legal Expenses                           | 1        | LS   | 12,500.00  | \$ 12,500.00    | 0%           | \$ -            |
| 39                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 40                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                            | 0.3%      | Preconstruction Ineligible Total         |          |      |            | \$ 25,000.00    | 0%           | \$ -            |
| Ineligible Construction Costs                                              |           |                                          |          |      |            |                 |              |                 |
| 41                                                                         | 0.6%      | Crop Damages                             | 1        | LS   | 51,000.00  | \$ 51,000.00    | 0%           | \$ -            |
| 42                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 43                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 44                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                            | 0.6%      | Construction Ineligible Total            |          |      |            | \$ 51,000.00    | 0%           | \$ -            |
| Ineligible Total                                                           |           |                                          |          |      |            | \$ 76,000.00    | 0%           | \$ -            |
| Project Total                                                              |           |                                          |          |      |            | \$ 7,953,057.50 |              |                 |
| Federal or State Funds That Supplant Costs                                 |           |                                          |          |      |            | \$ -            |              |                 |
| Eligible Cost Total                                                        |           |                                          |          |      |            | \$ 7,877,057.50 | 75%          | \$ 5,907,793.13 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received :

|            |                                                        |
|------------|--------------------------------------------------------|
| Date :     | 6/29/26                                                |
| Project :  | WAWSA R&T WD Stanley Part II Alt II & Little Knife Bay |
| Sponsor :  | Western Area Water Supply Authority                    |
| Contact :  | Chris Barke, Executive Director                        |
| Phone :    | 701-774-6605                                           |
| Engineer : | Cory Chome, PE, AE2S                                   |
| Phone :    | 701-221-0530                                           |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 3,150,337.50 | Total Cost-Share* : | \$ 1,875,802.50 |
| Ineligible Cost : | \$ 24,000.00    | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 3,126,337.50 | Preconstruction :   | \$ 212,400.00   |
| Local Cost :      | \$ 1,274,535.00 | Construction :      | \$ 1,663,402.50 |

|                                         |              |
|-----------------------------------------|--------------|
| Project Type:                           | Cost-share % |
| Water Supply - Rural Expansion into ETA | 60%          |

|                                                                            |           | Cost Classification                      | Quantity | Unit | Unit Price | Total           | Cost-Share % | Cost-Share \$   |
|----------------------------------------------------------------------------|-----------|------------------------------------------|----------|------|------------|-----------------|--------------|-----------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                          |          |      |            |                 |              |                 |
| Item                                                                       | % of Cost |                                          |          |      |            |                 |              |                 |
| 1                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 2                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 3                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 4                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 5                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
|                                                                            | 0.0%      | Other Eligible Total                     |          |      |            | \$ -            | 60%          | \$ -            |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                          |          |      |            |                 |              |                 |
| 6                                                                          | 1.7%      | Preliminary Design                       | 1        | NA   | 55,000.00  | \$ 55,000.00    | 60%          | \$ 33,000.00    |
| 7                                                                          | 5.1%      | Final Design                             | 1        | NA   | 160,000.00 | \$ 160,000.00   | 60%          | \$ 96,000.00    |
| 8                                                                          | 0.6%      | Bidding / Negotiations                   | 1        | NA   | 19,000.00  | \$ 19,000       | 60%          | \$ 11,400.00    |
| 9                                                                          | 1.4%      | Archeological Study                      | 1        | NA   | 45,000.00  | \$ 45,000.00    | 60%          | \$ 27,000.00    |
| 10                                                                         | 2.4%      | USACE Permitting                         | 1        | NA   | 75,000.00  | \$ 75,000       | 60%          | \$ 45,000.00    |
|                                                                            | 11.2%     | Preconstruction Total                    |          |      |            | \$ 354,000.00   | 60%          | \$ 212,400.00   |
| Construction Engineering Costs                                             |           |                                          |          |      |            |                 |              |                 |
| 11                                                                         | 2.1%      | Construction Contract Management         | 1        | NA   | 65,000.00  | \$ 65,000.00    | 60%          | \$ 39,000.00    |
| 12                                                                         | 6.3%      | Project Inspection                       | 1        | NA   | 200,000.00 | \$ 200,000.00   | 60%          | \$ 120,000.00   |
| 13                                                                         | 0.5%      | Post-Construction / Warranty             | 1        | NA   | 15,000.00  | \$ 15,000.00    | 60%          | \$ 9,000.00     |
| 14                                                                         | 0.5%      | I&C System Services                      | 1        | NA   | 15,000.00  | \$ 15,000.00    | 60%          | \$ 9,000.00     |
|                                                                            | 9.4%      | Construction Engineering Total           |          |      |            | \$ 295,000      | 60%          | \$ 177,000.00   |
| Construction Costs                                                         |           |                                          |          |      |            |                 |              |                 |
| 15                                                                         | 9.5%      | Mobilization                             | 1        | LS   | 300,000.00 | \$ 300,000.00   | 60%          | \$ 180,000.00   |
| 16                                                                         | 2.4%      | Bonding                                  | 1        | LS   | 75,000.00  | \$ 75,000.00    | 60%          | \$ 45,000.00    |
| 17                                                                         | 1.0%      | Insurance                                | 1        | LS   | 30,000.00  | \$ 30,000.00    | 60%          | \$ 18,000.00    |
| 18                                                                         | 6.0%      | Water Main 2 in                          | 18000    | LF   | 10.50      | \$ 189,000.00   | 60%          | \$ 113,400.00   |
| 19                                                                         | 1.6%      | Water Main 4 in                          | 3500     | LF   | 14.50      | \$ 50,750.00    | 60%          | \$ 30,450.00    |
| 20                                                                         | 7.6%      | Water Main 6 in                          | 11300    | LF   | 21.25      | \$ 240,125.00   | 60%          | \$ 144,075.00   |
| 21                                                                         | 16.0%     | Boring - Non-Cased                       | 16250    | LF   | 31.00      | \$ 503,750.00   | 60%          | \$ 302,250.00   |
| 22                                                                         | 19.0%     | Pump Station                             | 1        | EA   | 600,000.00 | \$ 600,000.00   | 60%          | \$ 360,000.00   |
| 23                                                                         | 6.9%      | Meter - Frost Free                       | 38       | EA   | 5,750.00   | \$ 218,500.00   | 60%          | \$ 131,100.00   |
| 24                                                                         | 0.8%      | Pipeline Appurtenances                   | 1        | LS   | 25,000.00  | \$ 25,000.00    | 60%          | \$ 15,000.00    |
| 25                                                                         | 0.6%      | Oil/Gas/Saltwater Line Verification      | 20       | EA   | 1,000.00   | \$ 20,000.00    | 60%          | \$ 12,000.00    |
| 26                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 27                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 28                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 29                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 30                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 31                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 32                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 33                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 34                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 35                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
| 36                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -            |
|                                                                            |           | Construction Sub-Total                   |          |      |            | \$ 2,252,125.00 | 60%          | \$ 1,351,275.00 |
|                                                                            | 7.1%      | Allowable Contingency (10%)              |          |      |            | \$ 225,212.50   | 60%          | \$ 135,127.50   |
|                                                                            | 0.0%      | Elective Contingency Reduction           | 0        |      | -          | \$ -            | 60%          | \$ -            |
|                                                                            | 78.6%     | Construction Total                       |          |      |            | \$ 2,477,337.50 | 60%          | \$ 1,486,402.50 |
| Eligible Preconstruction                                                   |           |                                          |          |      |            | \$ 354,000.00   | 60%          | \$ 212,400.00   |
| Eligible Construction                                                      |           |                                          |          |      |            | \$ 2,772,337.50 | 60%          | \$ 1,663,402.50 |
| Eligible Total                                                             |           |                                          |          |      |            | \$ 3,126,337.50 | 60%          | \$ 1,875,802.50 |
| Ineligible Preconstruction Costs                                           |           |                                          |          |      |            |                 |              |                 |
| 37                                                                         | 0.2%      | Administrative Services/Support Services | 1        | LS   | 7,500.00   | \$ 7,500        | 0%           | \$ -            |
| 38                                                                         | 0.2%      | Legal Expenses                           | 1        | LS   | 7,500.00   | \$ 7,500        | 0%           | \$ -            |
| 39                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 40                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                            | 0.5%      | Preconstruction Ineligible Total         |          |      |            | \$ 15,000       | 0%           | \$ -            |
| Ineligible Construction Costs                                              |           |                                          |          |      |            |                 |              |                 |
| 41                                                                         | 0.3%      | Crop Damages                             | 1        | LS   | 9,000.00   | \$ 9,000.00     | 0%           | \$ -            |
| 42                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 43                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 44                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                            | 0.3%      | Construction Ineligible Total            |          |      |            | \$ 9,000.00     | 0%           | \$ -            |
| Ineligible Total                                                           |           |                                          |          |      |            | \$ 24,000.00    | 0%           | \$ -            |
| Project Total                                                              |           |                                          |          |      |            | \$ 3,150,337.50 |              |                 |
| Federal or State Funds That Supplant Costs                                 |           |                                          |          |      |            | \$ -            |              |                 |
| Eligible Cost Total                                                        |           |                                          |          |      |            | \$ 3,126,337.50 | 60%          | \$ 1,875,802.50 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



## Life Cycle Cost Analysis Review

**Sponsor:** Western Area Water Supply Authority  
**Project Title:** R&T WD Stanley Part II Alt II & Little Knife Bay  
**Date:** July 1, 2026

### Explanation of Alternatives:

**Stanley Part II Alt II & Little Knife Bay - Preferred Alternative:** 62 miles of rural distribution pipeline is installed to meet growing demand and serve 38 rural users within ETJs of New Town and Stanley, and 44 rural users across Williams and Mountrail Counties. A bulk meter & booster pump station are installed to connect to the City of New Town and serve the Little Knife Bay Cabin Area.

**Do Nothing Alternative:** No water services are provided to 82 users signed up for the project and individuals continue source water through different means.

**Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection:** Rural installation as described in the preferred alternative is completed without the bulk connection to New Town. An additional 9.0 miles of 6 inch mainline is installed to total 71 miles of rural distribution pipeline serve

### Inputs:

|                                 |    |                                                    |    |
|---------------------------------|----|----------------------------------------------------|----|
| New Connections Served          | 82 | Current CIF Balance                                | NA |
| Future Connections Served       | 25 | Annual CIF Contribution                            | NA |
| Current Connections Served      | 0  | Cash Funding Target (Percentage %) New Assets      | NA |
| Net Connections (New + Current) | 82 | Cash Funding Target (Percentage %) Existing Assets | NA |
|                                 |    | Annual CIF Contribution suggested for the Project  | NA |

|                          | Stanley Part II Alt II & Little Knife Bay - Preferred Alternative | Do Nothing Alternative | Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection to City of New Town | -   |
|--------------------------|-------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------|-----|
| Construction Costs RURAL | #####                                                             |                        | \$8,500,436                                                                                     |     |
| Construction Cost ETA    | \$3,150,338                                                       | \$0                    | \$3,367,163                                                                                     | \$0 |
| Total Construction Cost  | \$11,103,395                                                      | \$0                    | \$11,867,599                                                                                    | \$0 |
| Annual O & M             | \$12,500                                                          | \$0                    | \$7,500                                                                                         | \$0 |

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                            | Stanley Part II Alt II & Little Knife Bay - Preferred Alternative | Do Nothing Alternative | Stanley Part II Alt II & Little Knife Bay - Rural Only & No Bulk Connection to City of New Town | -          |
|----------------------------|-------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------|------------|
| Present Value              |                                                                   |                        |                                                                                                 |            |
| Capital Costs              | \$10,929,000                                                      | \$0                    | \$11,681,000                                                                                    | \$0        |
| O&M                        | \$292,000                                                         | \$0                    | \$176,000                                                                                       | \$0        |
| Repair, Rehab, Replacement | \$2,549,000                                                       | \$0                    | \$1,547,000                                                                                     | \$0        |
| Salvage Value              | \$301,000                                                         | \$0                    | \$328,000                                                                                       | \$0        |
| <b>Total PVC</b>           | <b>\$13,469,000</b>                                               | <b>\$0</b>             | <b>\$13,076,000</b>                                                                             | <b>\$0</b> |
|                            | Rural                                                             | #####                  |                                                                                                 |            |
|                            | ETA                                                               | #####                  |                                                                                                 |            |
| <b>PV Cost Per User</b>    | <b>\$164,256</b>                                                  | <b>\$0</b>             | <b>\$159,463</b>                                                                                | <b>\$0</b> |
| Construction Cost Per User | \$135,407                                                         |                        | \$144,727                                                                                       |            |

|                                            |                    |               |                    |               |  |
|--------------------------------------------|--------------------|---------------|--------------------|---------------|--|
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$96</b>        |               |                    |               |  |
| <b>Comparable Water Rate</b>               | <b>\$84</b>        |               |                    |               |  |
| Net Connections (New + Current)            | 82                 | 82            | 82                 | -             |  |
| Cost-Share Percent RURAL                   | 75%                | 75%           | 75%                | 0%            |  |
| Local Share                                | \$2,390,748        | \$0           | \$2,125,109        | \$0           |  |
| Other Funding                              | \$0                | \$0           | \$0                | \$0           |  |
| Cost-Share Percent ETA                     | 60%                | 60%           | 60%                | 0%            |  |
| Local Share                                | \$1,562,404        | \$0           | \$1,346,865        | \$0           |  |
| Other Funding                              | \$0                | \$0           | \$0                | \$0           |  |
| <b>Total Local Share</b>                   | <b>\$3,953,152</b> | <b>\$0</b>    | <b>\$3,471,974</b> | <b>\$0</b>    |  |
| <b>Payment Per User With Cost-Share</b>    | <b>\$243.88</b>    | <b>\$0.00</b> | <b>\$214.20</b>    | <b>\$0.00</b> |  |
| Without Cost Share                         |                    |               |                    |               |  |
| Local Share                                | \$10,929,000       | \$0           | \$11,681,000       | \$0           |  |
| Other Funding                              | \$0                | \$0           | \$0                | \$0           |  |
| Total Local                                | \$10,929,000       | \$0           | \$11,681,000       | \$0           |  |
| <b>Payment Per User Without Cost-Share</b> | <b>\$674.24</b>    | <b>\$0.00</b> | <b>\$720.64</b>    | <b>\$0.00</b> |  |

### Explanation of Results:

The preferred alternative installs 62 miles of pipeline and constructs a bulk meter and booster pump station. Present value cost per user is \$164,256 and construction cost per user is \$135,407. The monthly cost with DWR cost-share participation is \$243.88 and \$674.24 per user without DWR participation.

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



June 30, 2026

Mr. Reice Haase, Director  
North Dakota Department of Water Resources  
900 E Boulevard Ave #770  
Bismarck ND 58505-0850

**Re: Western Area Water Supply Authority (WAWSA)  
R&T Water District (R&T WD)  
Stanley Part II Alt II & Little Knife Bay Project  
Pre-Construction Cost Share Request**

Dear Mr. Haase:

Over the past decade, WAWSA and its member entities have successfully used North Dakota Department of Water Resources (DWR) cost share funding to bring rural water service to over 4,300 new rural customers and to a majority of the Cities throughout northwestern North Dakota. WAWSA, in cooperation with the R&T WD, continues working to expand rural service in Mountrail County through an expansion project that would bring water service to 82 new service locations, including the Little Knife Bay Cottage Area north of New Town.

The costs for the project are estimated at \$11,103,395.00 with a 10% contingency as provided in the detailed cost estimate. **Currently, WAWSA is requesting approval of eligible pre-construction project costs equal to \$646,650.00. This cost is further broken into a 60% cost share of \$212,400.00 and a 75% cost share of \$434,250.00**

Thank you very much for your assistance with this important project for northwest North Dakota. If you have any questions, please do not hesitate to contact me at 701-774-6605.

Respectfully submitted,

A handwritten signature in blue ink that reads "Chris Barke". The signature is fluid and cursive, with the first name "Chris" and last name "Barke" clearly distinguishable.

Chris Barke, Executive Director  
WAWSA

**Western Area Water Supply Authority  
Board of Directors Meeting  
WAWSA Office June 18, 2026**

**Attendees**

Members Present: Doug Anderson, also voting for Gary Rust, Kent Bickler, Raoul Brandt, Ellis Haake, Robert Harms, Ward Koeser, Larry Novak, and Chris Brostuen

Members Present via Vido: Matt Beard

Members Absent: Gary Rust

Others Present: Chris Barke (WAWSA), Char Imsland (WAWSA), Dave Bell (WAWSA), Weston McGruder (AE2S), Cory Chorne (AE2S), Grant Meyer (AE2S), Curt Clarys (City of Williston), Kenny Bergstrom (City of Williston), Taylor Galeazzo (MCWRD), Ben Lokken (R&T), Dawn Viall (R&T), Jarrett Hillius (HDR), Jaron Smith (HDR), Cheryl McNeil (WAWSA) via video, Mark Von Wald (Accelerated Consulting) via video, Dustin Schultz (AE2S) via video.

**Meeting Called to Order**

Chairman Brostuen called the meeting to order at 9:00 am.

**Approval of the Agenda**

Brostuen presented the agenda for approval. He added item 2b. Williston/Trenton Connection under the Executive Director's report. **Anderson moved to approve the agenda as amended, Haake seconded.**

MOTION CARRIED UNANIMOUSLY BY VOICE VOTE.

**Approval of the Minutes**

The May 21, 2026, board meeting minutes were presented for approval. Novak pointed out a spelling error under the SWC update. **Koeser moved to approve the minutes as amended, Harms seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

**Financial Reports**

The Domestic and Industrial financial reports were presented to the board for their consideration and discussion.

The May capital accounting report was also presented to the board for their consideration and discussion.

### **Public Comment Period**

No public comments were presented.

### **Executive Director's Report**

Barke provided the board with an update on WAWSA's water usage and system updates.

Barke reported that the State Water Commission is hosting the Upper Missouri River Basin meeting at the Rough Rider Center in Watford City on July 15, 2026.

### **Williston/Trenton Connection**

Barke reported that the City of Williston and NWRWD reached an agreement on the Williston/Trenton connection. It was agreed that a connection would be made adjacent to the current TWUC infrastructure and the WAWSA 36" transmission line. **Anderson moved to approve the City of Williston's connection request to the 36" WAWSA transmission line, contingent upon approval of the NWRWD and the City of Williston agreement.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 9-0

### **State Water Commission Update**

Barke reported that the State Water Commission approved two of WAWSA's projects at their June 9, 2026, meeting. Approved were the WAWSA cellular telemetry SCADA project with a total project cost of \$137,500 and a 75% cost share of \$74,250, and the WTP Intake Phase II for additional funding of \$515,000 and a 75% cost share of \$386,250.

### **HDR Pre-Sedimentation and Sampling Tech Memo**

HDR presented to the board on sediment sampling completed in the last year and the overall analysis of the existing pre-treatment superstructure. They presented the following recommendations to help alleviate the sediment issues at the Williston WTP:

1. Lime pond reuse - \$33,949,000
2. Modify the existing basins - \$2,989,000
3. A forced vortex system - \$13,120,000
4. A combination of alternatives 2 and 3 - \$14,446,000

## AE2S Reports

McGruder provided the board with the construction project updates.

### WAWSA Cellular Telemetry Upgrades – TO 93

McGruder presented a task order agreement for \$137,500 for the WAWSA Cellular Telemetry Upgrades – TO 93 project. The task order includes professional services to perform site cellular surveys, installation and programming of cellular modem on private cellular networks, installation of antenna, polyhaser, and cabling, setup and programming of NetCloud user interface, and procurement of cellular modems, cabling, and hardware. **Novak moved to approve the task order agreement for \$137,500 for the WAWSA Cellular Telemetry Upgrades – TO 93 project, Bickler seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

### R&T Stanley Part II & Little Knife Bay Project

McGruder presented the board with a SWC cost share request letter for the R&T Stanley Part II & Little Knife Bay project. The total project cost is \$11,103,395, and WAWSA would be requesting 75% cost share equal to \$933,000. **Harms moved to approve the SWC funding request letter for the R&T Stanley Part II & Little Knife Bay project, Haake seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0

Carried: 8-0

## Invoices for Payment

The MCWRD Phase II Transmission Main – TO 88, System II Expansion – TO 90, and the NWRWD Trenton Rural Distribution – TO 85 invoices for engineering and construction for the month have a combined total of \$275,879.11.

## SWC Grant Requests

SWC \$13.5M grant request 31-061826, SWC \$9.7M grant request 15-061826, SWC \$8M grant request 26-061826, SWC \$2M grant request 09-061826, SWC \$14M grant request 12-061826, and SWC \$1M grant request 07-061826 were presented to the board for their approval. **Koeser moved to approve the SWC monthly grant requests as presented, Novak seconded.**

Aye: Anderson, Bickler, Brandt, Haake, Harms, Koeser, Novak, and Brostuen

Nay: 0



Carried: 8-0

Brostuen adjourned the meeting at 11:16 am.

---

Chris Brostuen, Chairman

---

Char Imsland, Secretary

# 1088415 - City of Medora - New Water Storage Reservoir - Copy

## Application Details

**Funding Opportunity:** 1088301-July 2026 - June 2027 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2027 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Jul 2, 2026 5:26 PM  
**Initially Submitted By:** Camie Janikowski  
**Last Submit Date:** Jul 10, 2026 10:51 AM  
**Last Submitted By:** Camie Janikowski

## Contact Information

### Primary Contact Information

**Active User\*:** yes  
**Type:** External User  
**Name:** Ms. Camie J Janikowski  
Salutation First Name Middle Name Last Name  
**Title:**  
**Email\*:** [camiej@broszengineering.com](mailto:camiej@broszengineering.com)  
**Address\*:** 109 S Main St  
Box 357  
Bowman North Dakota 58623  
City State/Province Postal Code/Zip  
**Phone\*:** 701-523-3340 8014  
Phone Ext.  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** City of Medora  
**Organization Type\*:** Municipal Government  
**Tax Id:** City of Medora  
**Organization Website:**  
**Address\*:** P.O. BOX418A

Medora North Dakota 58545-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** 701-623-4828 Ext.  
### ### #####

**Fax:** ### ### #####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** City of Medora New Water Storage Reservoir

**Sponsor(s)\*:** City of Medora

**County\*:** Billings

**City\*:** Medora

**Description of Request\*:** New

**Project Type:** Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or  
Municipal Water Supply, What is the Name  
of the Water Supply Source?:**

**Jurisdictions/Stakeholders Involved\*:**

City of Medora

**Describe the Problem/Need and the  
Circumstances that Led to This  
Application\*:**

The City of Medora currently has two water storage reservoirs in use. The original tank was constructed in 1963 with a storage capacity of 50,000-gallons. In 2014, a second reservoir was constructed having a usable storage capacity of 97,000-gallons. The City averaged 120,604 gallons per day of usage from 2020-2023. The current average demand exceeds the 2014 tanks capacity and the projected future demand will be approximately 227,000 gallons per day. The existing tank has met it's life expectancy and needs to be replaced while increasing storage capacity to meet current and future demands.

**Describe the Proposed or Chosen  
Solution(s) to Address the Problem/Need\*:**

Install a new 150,000 gallon storage reservoir to replace the existing 50,000 gallon storage reservoir and meet demand.

**Describe the Objectives or Goals Specific to  
This Application\*:**

To update the aged storage tank and increase storage quantity to meet existing and future capacity needs.

## Describe the Scope of Work or Project

### Activities Specific to This Application\*:

Install a new 150,000 gallon storage reservoir to replace the existing 50,000 gallon storage reservoir.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 140

For this project,

**What is the Benefited Population?\*** 140

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** N/A

**Have You Applied for any State Permits?\*** N/A

**Have You Applied for any Local Permits?\*** N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\*** No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 12/8/2023

**Design Completion\*:** 6/20/2026

**Bid\*:** TBA

**Construction Start\*:** TBA

**Construction Completion\*:** TBA

### Explain Additional Timeline Issues\*:

The project will be bid and construction date will start upon approval of cost-share. No additional timeline issues are anticipated. Supply availability and weather delays would be the only anticipated issues.

**Consulting Engineer\*:** Brosz Engineering

**Engineer Direct Phone Number\*:** 701-523-3340

**Engineer Email\*:** [shannonh@broszengineering.com](mailto:shannonh@broszengineering.com)

**Certification (Must Be Completed by Project Sponsor)**

It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:

Yes

Authorized Individual\*:

Ivy Maus 07/02/2026  
First Name Last Name Date

Title/Position/Authority\*:

City Auditor

Address\*:

PO Box 418  
Address Line 1  
Address Line 2  
  
Medora North Dakota 58645-0000  
City State Zip Code

Direct Phone Number\*:

701-623-4828

Sponsor Email\*:

[ivy\\_maus@medorand.gov](mailto:ivy_maus@medorand.gov)

Are You Seeking Department of Water Resources Cost-Share?\*

Yes

Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:

Ivy Maus  
First Name Last Name

Authorized Signor Title/Position:

City Auditor

Authorized Signor Email:

[ivy\\_maus@medorand.gov](mailto:ivy_maus@medorand.gov)

Authorized Signor Direct Phone Number:

701-623-4828

Provide the Name for One Additional Board Member, if Applicable:

First Name Last Name

Additional Board Member Title/Position:

Additional Board Member Email:

Additional Board Member Direct Phone Number:

## Documentation

### Documentation

Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:

No

[CLICK HERE](#) to see examples.

### Project Specific Map

[New Water Storage Reservoir - Map.pdf](#)

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:



**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** [Council July 7 2026 minutes.pdf](#)

**Cover Letter:** [DWR New Water Storage July 2026 Letter.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** [sfn\\_61801\\_delineation\\_of\\_cost Medora Water Tank.xlsx](#)

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** [2501168\\_MEDORA\\_TANK\\_PLAN\\_SET\\_\\_06-09-2026.pdf](#)

**Is This a Water Supply Project?:** Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** [Copy of life\\_cycle\\_cost\\_analysis\\_worksheet - Medora New Water Storage Reservoir 7\\_01\\_26.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** [Basic Asset Inventory Tool - Medora Water 7\\_01\\_2026.xlsx](#)

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

**Feasibility/Engineering Study Material:** [P-0045552 Medora Water Storage Tank - GT Report.pdf](#)

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):** Yes

**Other Applicable Document:** [MEDORA PRV RTU 2 Daily Pump Report.xlsx 2020-2023.xlsx](#)

**Other Applicable Document:**

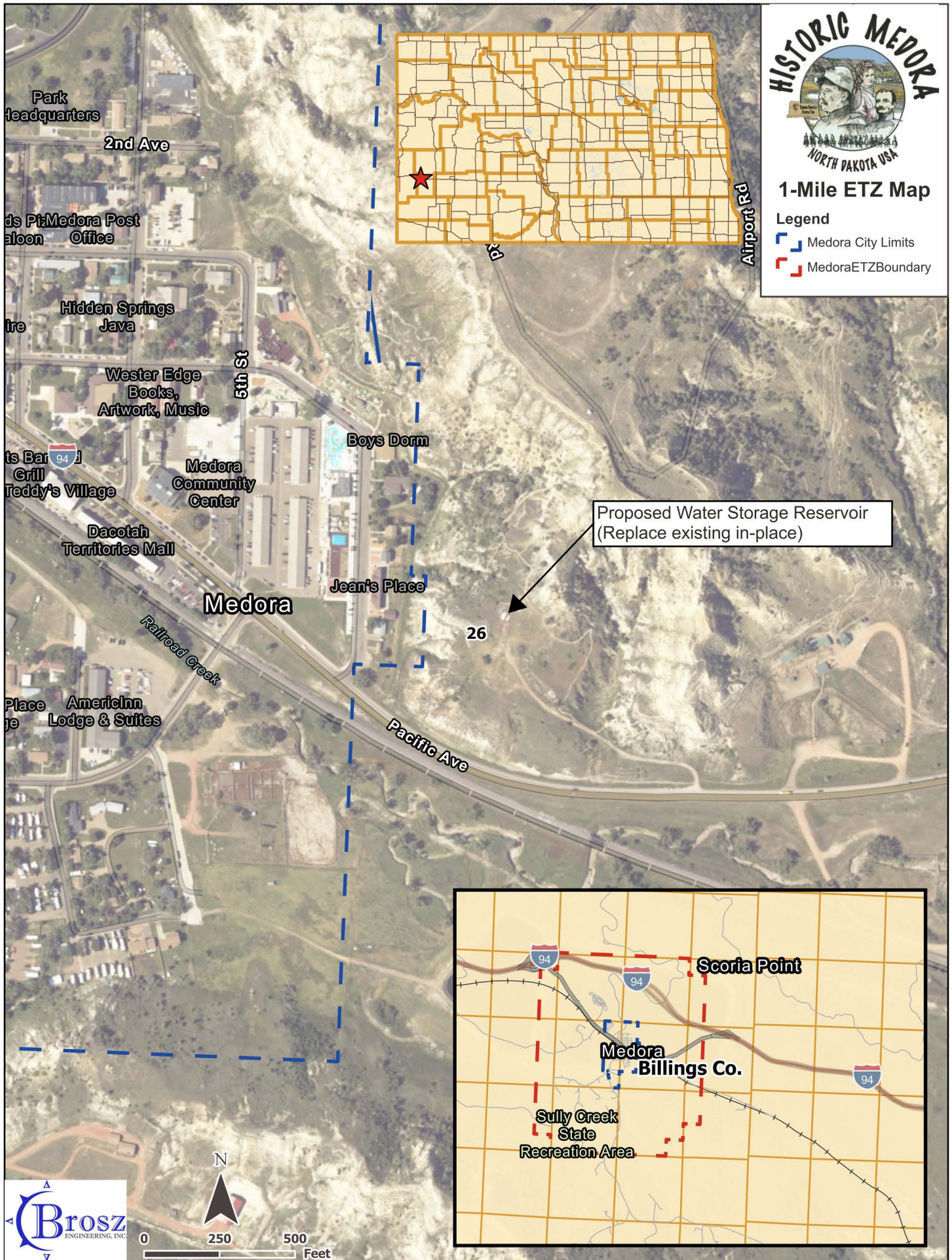
**Other Applicable Document:**

## Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

| Source                                                    | If Other, Specify Funding Source | Source Status    | State Fiscal Year 1 July to June | State Fiscal Year 2 July to June | Beyond Current Biennium | Total Cost     | Type  | Term | Interest Rate |
|-----------------------------------------------------------|----------------------------------|------------------|----------------------------------|----------------------------------|-------------------------|----------------|-------|------|---------------|
| Department of Water Resources Cost Share Pre-Construction |                                  | Current Request  | \$63,000.00                      | \$0.00                           | \$0.00                  | \$63,000.00    | Grant | 0.00 | 0.00          |
| Other                                                     | City of Medora                   | Already Approved | \$42,000.00                      | \$629,041.00                     | \$0.00                  | \$671,041.00   |       | 0.00 | 0.00          |
| Department of Water Resources Cost Share Construction     |                                  | Current Request  | \$0.00                           | \$943,561.00                     | \$0.00                  | \$943,561.00   | Grant | 0.00 | 0.00          |
|                                                           |                                  |                  | \$105,000.00                     | \$1,572,602.00                   | \$0.00                  | \$1,677,602.00 |       |      |               |









**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received :

|            |                                        |
|------------|----------------------------------------|
| Date :     | 7/1/26                                 |
| Project :  | New Water Storage Reservoir            |
| Sponsor :  | City of Medora                         |
| Contact :  | Ivy Maus, Auditor                      |
| Phone :    | 701-623-4828                           |
| Engineer : | Shannon Hewson, Brosz Engineering Inc. |
| Phone :    | 701-523-3340                           |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 1,677,601.90 | Total Cost-Share* : | \$ 1,006,561.14 |
| Ineligible Cost : | \$ -            | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 1,677,601.90 | Preconstruction :   | \$ 63,000.00    |
| Local Cost :      | \$ 671,040.76   | Construction :      | \$ 943,561.14   |

|                          |              |
|--------------------------|--------------|
| Project Type:            | Cost-share % |
| Water Supply - Municipal | 60%          |

|                                                                            |           | Cost Classification                         | Quantity | Unit | Unit Price   | Total           | Cost-Share % | Cost-Share \$   |
|----------------------------------------------------------------------------|-----------|---------------------------------------------|----------|------|--------------|-----------------|--------------|-----------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                             |          |      |              |                 |              |                 |
| Item                                                                       | % of Cost |                                             |          |      |              |                 |              |                 |
| 1                                                                          | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 2                                                                          | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 3                                                                          | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 4                                                                          | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 5                                                                          | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
|                                                                            | 0.0%      | Other Eligible Total                        |          |      |              | \$ -            | 60%          | \$ -            |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                             |          |      |              |                 |              |                 |
| 6                                                                          | 0.9%      | Geotechnical Investigations                 | 1        | LS   | 15,000.00    | \$ 15,000.00    | 60%          | \$ 9,000.00     |
| 7                                                                          | 2.1%      | Preliminary Design                          | 1        | LS   | 35,000.00    | \$ 35,000.00    | 60%          | \$ 21,000.00    |
| 8                                                                          | 2.1%      | Final Design                                | 1        | LS   | 35,000.00    | \$ 35,000.00    | 60%          | \$ 21,000.00    |
| 9                                                                          | 0.6%      | Bidding/Negotiations                        | 1        | LS   | 10,000.00    | \$ 10,000.00    | 60%          | \$ 6,000.00     |
| 10                                                                         | 0.6%      | Cultural Resources                          | 1        | LS   | 10,000.00    | \$ 10,000.00    | 60%          | \$ 6,000.00     |
|                                                                            | 6.3%      | Preconstruction Total                       |          |      |              | \$ 105,000.00   | 60%          | \$ 63,000.00    |
| Construction Engineering Costs                                             |           |                                             |          |      |              |                 |              |                 |
| 11                                                                         | 6.0%      | Project Inspection                          | 1        | LS   | 100,000.00   | \$ 100,000.00   | 60%          | \$ 60,000.00    |
| 12                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 13                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 14                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
|                                                                            | 6.0%      | Construction Engineering Total              |          |      |              | \$ 100,000      | 60%          | \$ 60,000.00    |
| Construction Costs                                                         |           |                                             |          |      |              |                 |              |                 |
| 15                                                                         | 8.3%      | Mobilization                                | 1        | LS   | 140,000.00   | \$ 140,000.00   | 60%          | \$ 84,000.00    |
| 16                                                                         | 0.3%      | Bonding                                     | 1        | LS   | 5,000.00     | \$ 5,000.00     | 60%          | \$ 3,000.00     |
| 17                                                                         | 0.3%      | Insurance                                   | 1        | LS   | 5,000.00     | \$ 5,000.00     | 60%          | \$ 3,000.00     |
| 18                                                                         | 1.4%      | Clearing & Grubbing                         | 1        | LS   | 23,750.00    | \$ 23,750.00    | 60%          | \$ 14,250.00    |
| 19                                                                         | 1.0%      | Erosion Control                             | 1        | LS   | 17,500.00    | \$ 17,500.00    | 60%          | \$ 10,500.00    |
| 20                                                                         | 3.4%      | Earthwork                                   | 1        | LS   | 56,329.00    | \$ 56,329.00    | 60%          | \$ 33,797.40    |
| 21                                                                         | 3.2%      | Pipeline Appurtenances                      | 1        | LS   | 54,000.00    | \$ 54,000.00    | 60%          | \$ 32,400.00    |
| 22                                                                         | 0.3%      | Tank Cleaning & Disinfection                | 1        | LS   | 5,000.00     | \$ 5,000.00     | 60%          | \$ 3,000.00     |
| 23                                                                         | 0.1%      | SS Overflow Piping                          | 12       | LF   | 150.00       | \$ 1,800.00     | 60%          | \$ 1,080.00     |
| 24                                                                         | 1.2%      | Water Main 6 in                             | 100      | LF   | 200.00       | \$ 20,000.00    | 60%          | \$ 12,000.00    |
| 25                                                                         | 0.2%      | Water Main 8 in                             | 20       | LF   | 200.00       | \$ 4,000.00     | 60%          | \$ 2,400.00     |
| 26                                                                         | 0.4%      | Fencing                                     | 1        | LS   | 6,350.00     | \$ 6,350.00     | 60%          | \$ 3,810.00     |
| 27                                                                         | 59.6%     | Reservoir & Storage - Concrete 150,000 gals | 1        | LS   | 1,000,000.00 | \$ 1,000,000.00 | 60%          | \$ 600,000.00   |
| 28                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 29                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 30                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 31                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 32                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 33                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 34                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 35                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
| 36                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 60%          | \$ -            |
|                                                                            |           | Construction Sub-Total                      |          |      |              | \$ 1,338,729.00 | 60%          | \$ 803,237.40   |
|                                                                            | 8.0%      | Allowable Contingency (10%)                 |          |      |              | \$ 133,872.90   | 60%          | \$ 80,323.74    |
|                                                                            | 0.0%      | Elective Contingency Reduction              | 0        |      | -            | \$ -            | 60%          | \$ -            |
|                                                                            | 87.8%     | Construction Total                          |          |      |              | \$ 1,472,601.90 | 60%          | \$ 883,561.14   |
| Eligible Preconstruction                                                   |           |                                             |          |      |              | \$ 105,000.00   | 60%          | \$ 63,000.00    |
| Eligible Construction                                                      |           |                                             |          |      |              | \$ 1,572,601.90 | 60%          | \$ 943,561.14   |
| Eligible Total                                                             |           |                                             |          |      |              | \$ 1,677,601.90 | 60%          | \$ 1,006,561.14 |
| Ineligible Preconstruction Costs                                           |           |                                             |          |      |              |                 |              |                 |
| 37                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 38                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 39                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 40                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
|                                                                            | 0.0%      | Preconstruction Ineligible Total            |          |      |              | \$ -            | 0%           | \$ -            |
| Ineligible Construction Costs                                              |           |                                             |          |      |              |                 |              |                 |
| 41                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 42                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 43                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
| 44                                                                         | 0.0%      |                                             | 0        |      | -            | \$ -            | 0%           | \$ -            |
|                                                                            | 0.0%      | Construction Ineligible Total               |          |      |              | \$ -            | 0%           | \$ -            |
| Ineligible Total                                                           |           |                                             |          |      |              | \$ -            | 0%           | \$ -            |
| Project Total                                                              |           |                                             |          |      |              | \$ 1,677,601.90 |              |                 |
| Federal or State Funds That Supplant Costs                                 |           |                                             |          |      |              | \$ -            |              |                 |
| Eligible Cost Total                                                        |           |                                             |          |      |              | \$ 1,677,601.90 | 60%          | \$ 1,006,561.14 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Medora  
**Project Title:** New Water Storage Reservoir  
**Date:** July 10, 2026

### Explanation of Alternatives:

Do Nothing/No Build: Existing tanks and system remain as-is and demand continues to exceed capacity.

**New Water Storage Reservoir - Preferred:** Existing 50,000 gallon reservoir is replaced with a new 150,000 gallon reservoir which is used in tandem with existing secondary tank with a usable capacity of 97,000 gallons to jointly meet current and future daily demand.

Update Existing Water Plant & Install Booster Pumps: This alternative is no longer considered feasible. It involved rehabilitating the existing clear well at the decommissioned water treatment plant for use as storage. However, the recent Pacific Avenue Water Main Replacement project disconnected the plant from the distribution system and the alternative has higher O&M costs, therefore, this it is not considered a viable option.

### Inputs:

|                                 |     |                                                    |           |
|---------------------------------|-----|----------------------------------------------------|-----------|
| New Connections Served          | 0   | Current CIF Balance                                | \$100,000 |
| Future Connections Served       | 40  | Annual CIF Contribution                            | \$20,000  |
| Current Connections Served      | 140 | Cash Funding Target (Percentage %) New Assets      | 35%       |
| Net Connections (New + Current) | 140 | Cash Funding Target (Percentage %) Existing Assets | 50%       |
|                                 |     | Annual CIF Contribution suggested for the Project  | \$17,601  |

|                   | No Build | New Water Storage Reservoir | Update Existing Water Plant & Install Booster Pumps | 0   |
|-------------------|----------|-----------------------------|-----------------------------------------------------|-----|
| Construction Cost | \$0      | \$1,677,602                 | \$947,100                                           | \$0 |
| Annual O & M      | \$10,000 | \$12,000                    | \$35,000                                            | \$0 |

### Details:

City is expanding to additional water users. The following 5 projects (8 connections) are currently being permitted 100-unit Hotel, 39-unit apartment building, another 20-unit Hotel Expansion, new riding stables with 3-apartments, new rodeo arena, 335-unit campground, and 3-cabins. There are additional users anticipated as included in the 2022 Medora Area Plan within the community.

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                                            | No Build         | New Water Storage Reservoir | Update Existing Water Plant & Install Booster Pumps | -             |
|--------------------------------------------|------------------|-----------------------------|-----------------------------------------------------|---------------|
| Present Value                              |                  |                             |                                                     |               |
| Capital Costs                              | \$0              | \$1,678,000                 | \$947,000                                           | \$0           |
| O&M                                        | \$252,000        | \$294,000                   | \$852,000                                           | \$0           |
| Repair, Rehab, Replacement                 | \$0              | \$355,000                   | \$446,000                                           | \$0           |
| Salvage Value                              | \$0              | \$10,000                    | \$27,000                                            | \$0           |
| <b>Total PVC</b>                           | <b>\$252,000</b> | <b>\$2,317,000</b>          | <b>\$2,218,000</b>                                  | <b>\$0</b>    |
| <b>PV Cost Per User</b>                    | <b>\$1,800</b>   | <b>\$16,550</b>             | <b>\$15,843</b>                                     | <b>\$0</b>    |
| Construction Cost Per User                 | \$0              | \$11,983                    | \$6,765                                             |               |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$50</b>      |                             |                                                     |               |
| <b>Comparable Water Rate</b>               | <b>\$65</b>      |                             |                                                     |               |
| Net Connections (New + Current)            | 140              | 140                         | 140                                                 | 140           |
| Cost-Share Percent                         | 60%              | 60%                         | 60%                                                 | 60%           |
| Local Share                                | \$0              | \$671,200                   | \$378,800                                           | \$0           |
| Other Funding                              | \$0              | \$0                         | \$0                                                 | \$0           |
| Total Local                                | \$0              | \$671,200                   | \$378,800                                           | \$0           |
| <b>Payment Per User With Cost-Share</b>    | <b>\$0.00</b>    | <b>\$24.25</b>              | <b>\$13.69</b>                                      | <b>\$0.00</b> |
| Local Share                                | \$0              | \$1,678,000                 | \$947,000                                           | \$0           |
| Other Funding                              | \$0              | \$0                         | \$0                                                 | \$0           |
| Total Local                                | \$0              | \$1,678,000                 | \$947,000                                           | \$0           |
| <b>Payment Per User Without Cost-Share</b> | <b>\$0.00</b>    | <b>\$60.63</b>              | <b>\$34.22</b>                                      | <b>\$0.00</b> |

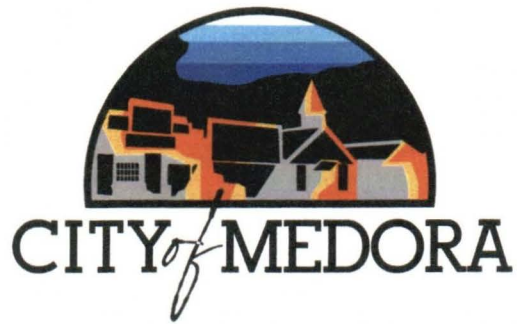
### Explanation of Results:

The preferred project expands usable storage capacity to meeting growing demand in the area. The present value cost per user is \$16,550 and construction cost per user is \$11,983. Monthly payment per user with DWR Cost Share participation is \$24.25 and \$60.63 per user without DWR participation.

| ND Dept. of Commerce | Year |      | Annual Population Growth Rate | Average Annual Population Increase/Decrease |
|----------------------|------|------|-------------------------------|---------------------------------------------|
|                      | 2020 | 2024 |                               |                                             |
| Population & Trends  | 115  | 160  | 9.8%                          | 11                                          |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.





July 2, 2026

ND Department of Water Resources

1200 Memorial Highway

Bismarck, ND 58504-5262

RE: City of Medora – New Water Storage Reservoir

To Whom it May Concern,

The City of Medora is planning a project to replace the existing water tanks with a new water storage reservoir. The City acknowledges that they are applying for Department of Water Resources Cost Share for the construction of this project.

Sincerely,

Ivy Maus

Administrator, City of Medora

City of Medora  
Minutes of Regular Meeting  
7/7/2026  
(Subject to Council review and approval)

**Call to Order**

The meeting was called to order at 6:59pm by Mayor Derwin Zuroff. In attendance were Council Members Clarence Sitter and Jim Bridger, alongside City Administrator Ivy Maus, City Attorney Sandra Kuntz, and City Engineer Shannon Hewson.

**Consent Agenda**

- Oath of Office

Appointed officials Jodi Johnson and Derek Tester took the Oath of Office.

- Portfolios

Following mutual nominations, the council unanimously elected Jodi Johnson as Council President and Clarence Sitter as Council Vice President.

- Minutes from June 2, 2026
- Minutes from Special Meeting June 18, 2026

The minutes from the regular meeting on June 2, 2026, and the special meeting on June 18, 2026, were reviewed. Bridger made a motion to approve the minutes from June 2, 2026 and June 18, 2026; Sitter seconded. Motion passed unanimously.

**Department Reports**

- Brosz Engineering Report

Hewson provided a summary of updates for items/projects they are currently working on.

Sitter made a motion to apply for DWR Cost Share; Bridger seconded. Motion passed unanimously.

Sitter made a motion to invite bids for the Water Storage Reservoir, with the bid opening set for August 11, 2026, at 1:30pm; Johnson seconded. Motion passed unanimously.

- Medora Lagoon Cell 4 Pay App #2

Johnson made a motion to approve Pay Application #2 for \$141,415.11 for the WWTF Cell #4 Repair with C3 Energy partners; Tester seconded. Motion passed unanimously.

- Medora Lift Station Change Order #2

Sitter made a motion to approve Medora Lift Station Change Order #2 for \$19,845.49; Tester seconded. Motion passed unanimously.

- JR Civil Medora Lift Station Pay App #3

Johnson made a motion to approve JR Civil Medora Lift Station Pay Application #3 for \$633,712.26; Bridger seconded. Motion passed unanimously.

- Change Order Cordova Construction #2

Bridger made a motion to approve Change Order #2 for the Pacific Avenue Water Main Replacement with Cordova Construction. The Change Order includes a price reduction of \$48,486.00 and a price increase of \$2,386.00; Sitter seconded. Motion passed unanimously.

- Pay Application Cordova Construction #4

Tester made a motion to approve Pay Application #4 for \$155,638.70 for the Pacific Avenue Water Main Replacement with Cordova Construction; Johnson seconded. Motion passed unanimously.

- City Attorney Report
  - Jim Bridger, Dakota Territories Lodging - Development Agreement Draft
  - Medora Riding Stables, TRMF - Development Agreement Draft
- Ambulance Report

A written report was provided.

- Police Department Report

A written report was provided.

- Public Works Report

A written report was provided.

- MCVB Report

A written report was provided.

- MCC Report
  - MCC Report

A written report was provided.

- City Auditor's Report

Council agreed to have the Budget meeting on July 29, 2026, at 6:00pm.

Maus noted that First State Bank required an additional authorized signer. Mayor Zuroff requested that Johnson be added to the account, as her responsibilities will include the financial portfolio, and that Tracy Sexton be removed.

## **Old Business**

- Resolution on Moratorium on development in ETZ public discussion about terms to lift the moratorium

City Attorney Kuntz requested an update regarding the council's consensus on partially or fully lifting the moratorium.

Johnson made a motion to partially lift the moratorium in Resolution 2026-04 to accommodate three projects, the AmericInn expansion (Dakota Territory Lodging), Little Missouri Cabins LLC, and the Medora Riding Stables; Tester seconded. Motion passed unanimously with Sitter and Bridger abstaining due to conflicts of interest.

## **New Business**

- Brady Martz Audit Review

Sitter made a motion to approve the 2021 and 2022 Brady Martz Audit Review; Johnson seconded. Motion passed unanimously.

- TRMF Storage Tank Fine

Bridger made a motion to fine TRMF \$250 for failing to file a zoning application before installing a water storage tank; Johnson seconded. Motion passed unanimously. Sitter abstained from the vote due to a conflict of interest.

- Zoning Permit - 2026-32 Medora Grazing Association

Sitter made a motion to approve Zoning Application 2026-32 Medora Grazing Association contingent upon final zoning approval, a development agreement, and a stormwater plan; Johnson seconded. Motion passed unanimously.

- Zoning Permit - 2026-33 TRMF Rodeo Arena Phase 2

Council tabled TRMF Rodeo Arena Phase 2 until next month until a development agreement is ready.

- Permit 2026-OE4 Special Event Muddy4ACause

Johnson made a motion to approve Special Event Permit 2026-OE4 Muddy4ACause; Bridger seconded. Motion passed unanimously.

## **Miscellaneous Business**

Zuroff noted that the city pool will be closed this summer.

Zuroff announced that the County is forming a redistricting committee and has invited him to join. He offered to step down if another individual wished to serve instead. However, with no objections raised, he will remain on the committee.

Following a resignation on the Zoning Board, Zuroff requested a two-week public posting to see if any community members want to apply.

- Financial Statements

|        |                                       |           |
|--------|---------------------------------------|-----------|
| -99836 | 871 RTC Networks                      | 151.58    |
| -99835 | 330 ROUGHRIDER ELECTRIC COOP, INC     | 3436.98   |
| -99834 | 330 ROUGHRIDER ELECTRIC COOP, INC     | 2080.40   |
| -99833 | 330 ROUGHRIDER ELECTRIC COOP, INC     | 67.00     |
| -99832 | 523 AT&T Mobility                     | 957.29    |
| -99831 | 871 RTC Networks                      | 804.85    |
| -99830 | 871 RTC Networks                      | 151.58    |
| -99829 | 352 SOUTHWEST WATER AUTHORITY         | 22432.96  |
| -99828 | 352 SOUTHWEST WATER AUTHORITY         | 59.28     |
| 3519   | 994 C3 Energy Partners LLC            | 227332.04 |
| 3520   | 884 CHOICE INSURANCE                  | 246.00    |
| 3521   | 921 Brosz Engineering, Inc.           | 102733.50 |
| 3522   | 354 SOUTHWESTERN DISTRICT HEALTH UNIT | 30.00     |
| 3523   | 286 ONE CALL CONCEPTS                 | 98.40     |
| 3524   | 305 PUMP SYSTEMS LLC                  | 2227.35   |
| 3525   | 990 JR Civil, LLC                     | 633712.26 |
| 3526   | 994 C3 Energy Partners LLC            | 141415.11 |

|       |                                      |           |
|-------|--------------------------------------|-----------|
| 3527  | 683 CORDOVA CONSTRUCTION             | 155638.70 |
| 3528  | 791 FIRST STATE BANK                 | 275.00    |
| 5512  | 884 CHOICE INSURANCE                 | 167.00    |
| 20666 | 135 FARMERS UNION                    | 4483.74   |
| 20681 | 913 Chad's Automotive Clinic         | 1338.26   |
| 20682 | 988 Santation Products               | 165.30    |
| 20683 | 33 BELFIELD AUTO SUPPLY, INC         | 184.90    |
| 20684 | 809 GEORGE'S TIRE LTD                | 40.00     |
| 20685 | 364 STEIN'S, INC                     | 1875.75   |
| 20686 | 897 GS Publishing, LLC               | 445.19    |
| 20687 | 557 Legal Edge Solutions, PLLC       | 4205.00   |
| 20688 | 73 CHILLER SYSTEMS, INC              | 5475.00   |
| 20689 | 226 MID-AMERICAN RESEARCH CHEMICAL   | 236.00    |
| 20690 | 989 Service Pro Express Lube         | 120.56    |
| 20691 | 613 MENARDS-DICKINSON                | 379.00    |
| 20692 | 377 TEMP RIGHT SERVICE, INC.         | 226.00    |
| 20693 | 261 NDLC                             | 382.00    |
| 20694 | 985 BradyMartz                       | 17964.35  |
| 20695 | 910 VIZION SIGNS                     | 88.00     |
| 20696 | 934 DAVE'S QUALITY CARPET CARE       | 275.00    |
| 20697 | 921 Brosz Engineering, Inc.          | 38885.00  |
| 20698 | 307 QUALITY QUICK PRINT              | 1035.00   |
| 20699 | 315 RAILROAD MANAGEMENT CO III, LLC  | 458.76    |
| 20700 | 52 BNSF RAILWAY COMPANY              | 2419.06   |
| 20701 | 420 FLOOR TO CEILING CARPET ONE INC. | 3258.16   |
| 20702 | 906 Superior Spas & Water, LLC       | 37.63     |
| 20703 | 815 BOSS OFFICE PRODUCTS             | 29.98     |
| 20704 | 268 ACE HARDWARE                     | 217.78    |
| 20705 | 146 GALLS, LLC                       | 168.56    |
| 20706 | 931 ALEX AIR APPARATUS 2, LLC        | 876.54    |
| 20707 | 795 BOESPFLUG TRAILERS               | 363.06    |
| 20708 | 884 CHOICE INSURANCE                 | 5948.00   |
| 20709 | 135 FARMERS UNION                    | 819.46    |
| 20710 | 791 FIRST STATE BANK                 | 163.11    |

|                                          |          |
|------------------------------------------|----------|
| AFLAC2 AFLAC                             | 245.94   |
| DEFERRED COMP NDPERS DEFERRED COMP DEP   | 1440.00  |
| DENTAL INSURANC AMERITAS                 | 1601.53  |
| FIT EFTPS                                | 17690.85 |
| GROUP TERM LIFE NDPERS HEALTH            | 20269.56 |
| NDPERS PUBLIC S NDPERS RETIREMENT        | 3907.08  |
| NDPERS RETIRMEN NDPERS                   | 6543.07  |
| SIT OFFICE OF STATE TAX COMM             | 822.36   |
| VISION INSURANC FIDELITY SECURITY LIFE ( | 159.35   |

Payroll for June \$41,348.04

- Claim Vouches, Financials — review and approval

Payroll, Claim Vouchers, Financial review and approval. Sitter made a motion for approval of the financials; Johnson seconded. Motion passed unanimously.



**Announcements**

- Deadline for Zoning Applications — Friday, July 10, 2026
- Zoning Meeting — Tuesday, July 21, 2026 @ 6:00pm
- Deadline for Council Agenda Items — Friday, July 24, 2026 @ 12:00pm
- Next Council Meeting — August 4, 2026 @ 7:00pm
- Adjourn

Johnson made a motion to adjourn at 8:55pm.

Attest: \_\_\_\_\_ Derwin Zuroff, Mayor

Attest: \_\_\_\_\_ Ivy Maus, City Auditor

# 1086375 - Pembina Dam Modification

## Application Details

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**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 29, 2026 10:31 AM  
**Initially Submitted By:** Terrel O'Gorman  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Ms. LuAnn L Kemp  
Salutation First Name Middle Name Last Name  
**Title:** Secretary  
**Email\*:** llkemp@nd.gov  
**Address\*:** 308 Courthouse Drive #5

Cavalier North Dakota 58220  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 265-4511 Ext.  
Phone  
###-###-####  
**Fax:** (701) 265-4561  
###-###-####

**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** Pembina County Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-6006376

**Organization Website:**

**Address\*:** 308 Courthouse Drive #5

**Phone\*:** Cavalier North Dakota 58220-\_\_\_\_  
City State/Province Postal Code/Zip  
(701) 265-4511 Ext.  
###-###-####

**Fax:** (701) 265-4561  
###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:** H3D9BHP2R5L7

**SAM Validation:** Active

**SAM Expiration Date:** 11/26/2026

**SAM Exclusion Flag:**

**SAM Last Updated:** Jun 8, 2026 12:01 AM

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Pembina Dam Modification

**Sponsor(s)\*:** Pembina County Water Resource District

**County\*:** Pembina

**City\*:** Pembina

**Description of Request\*:** New

**Project Type:** DAM Safety/EAP

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

**Jurisdictions/Stakeholders**

**Involved\*:**

City of Pembina

Pembina County Water Resource District

North Dakota Game and Fish Department

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The Pembina Dam is in need of modification to address the public safety issues associated with the low-head dam. The project will eliminate the hydraulic roller which will significantly improve public safety.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed project will install a rock arch rapids that maintains the crest of the dam. The crest of the rock arch rapids would be located near the crest of the existing dam. Rock arch rapids being a more natural design helps to limit future maintenance costs once constructed.

**Describe the Objectives or Goals Specific to This Application\*:**

The objective or goal of this application is to improve public safety by modifying the existing City of Pembina dam to eliminate the dangerous hydraulic roller.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

Rock riprap and boulders will be installed to create a rapids in the location of the existing dam. The dam abutments will be eliminated and slopes will be protected with rock riprap.

**For this project,**

|                                                       |      |
|-------------------------------------------------------|------|
| <b>Choose City, County, Water District or Other*:</b> | City |
|-------------------------------------------------------|------|

|                                                   |     |
|---------------------------------------------------|-----|
| <b>What is the Current Estimated Population*:</b> | 487 |
|---------------------------------------------------|-----|

**For this project,**

|                                           |     |
|-------------------------------------------|-----|
| <b>What is the Benefited Population*:</b> | 487 |
|-------------------------------------------|-----|

|                                                |    |
|------------------------------------------------|----|
| <b>Have Assessment Districts Been Formed*:</b> | No |
|------------------------------------------------|----|

|                                               |     |
|-----------------------------------------------|-----|
| <b>Have Land or Easements Been Acquired*:</b> | N/A |
|-----------------------------------------------|-----|

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

No

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

Section 404 - The project will fit under a Nationwide Permit per discussions with Samantha Samberg (USACOE). She is only waiting on SHPO.

**Have You Been approved for any Federal Permits?:**

Ongoing

**If Yes or Ongoing, Please Explain  
(include type/number):**

Corps Section 404 permit is in progress and expected approval waiting on SHPO. Cultural study was forwarded to SHPO in May 2026. Approval expected any day now.

**Have You Applied for any State Permits?\***

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

**Have You Been Approved for any State Permits?:**

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

1. Sovereign Lands Permit - APPROVED
2. Permit to construct or modify a dam - APPROVED

**Have You Applied for any Local Permits?\***

Yes

**If Yes or Ongoing, Please Explain  
(include type/number):**

Floodplain

**Have You Been Approved For Any Local Permits?:**

Yes



**If Yes or Ongoing, Please**

**Explain**

**(include type/number):**

City of Pembina approved the floodplain permit on 8/18/2025

Permit # 2025-0818

**Do You Expect Any Obstacles to** No

**Implementation (i.e. Problems  
with Land Acquisition, Permits,  
Funding, Local Opposition,  
Environmental Concerns, etc.)?**

**\*:**

**Have You Received, or Do You** No

**Anticipate Receiving Federal  
Funding?**

(Example: Hazard Mitigation Grant  
Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 9/27/2024

**Design Completion\*:** 9/30/2025

**Bid\*:** 9/15/2026

**Construction Start\*:** 9/25/2026

**Construction Completion\*:** 11/30/2027

**Explain Additional Timeline**

**Issues\*:**

None expected

**Consulting Engineer\*:** Erik S. Jones

**Engineer Direct Phone Number\*:** 701-499-2055

**Engineer Email\*:** ejones@houstoneng.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:**

LuAnn Kemp 06/29/2026  
First Name Last Name Date

**Title/Position/Authority\*:**

Secretary

**Address\*:**

308 Courthouse Drive #5  
Address Line 1  
Address Line 2  
Cavalier North Dakota 58220-0000  
City State Zip Code

**Direct Phone Number\*:**

701-265-4511

**Sponsor Email\*:**

llkemp@nd.gov

**Are You Seeking Department of Water Resources Cost-Share?\*:**

Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

LuAnn Kemp  
First Name Last Name

**Authorized Signor Title/Position:**

Secretary

**Authorized Signor Email:**

llkemp@nd.gov

**Authorized Signor Direct Phone Number:**

701-265-4511

**Provide the Name for One Additional Board Member, if Applicable:**

Donald Kemp  
First Name Last Name

**Additional Board Member Title/Position:**

Chairman

**Additional Board Member Email:** donkemp@polarcomm.com

**Additional Board Member Direct** 701-265-4511

**Phone Number:**

## Documentation

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### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

CLICK HERE to see examples.

**Project Specific Map** Grant\_ApplicationMap.\_092625\_1.pdf

Must Include Project Location in State

Using an Inset Map and

Distance/Direction to Nearest

Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** PCWRD June 23 2026 minutes.pdf

**Cover Letter:** CoverLetter\_PembinaDam6-30-2026.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** 2026-05-21\_Pembina Dam\_sfn\_61801\_delineation\_of\_cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** PembinaDamModification\_Plans Specs 2026-06-26.pdf

**Is This a Water Supply Project?:** No

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

Is This a Flood Recovery  
Property Acquisition Project?: No

If Request is for Construction of  
a Community Flood Control or  
Water Conveyance Project  
(Excluding Assessment Drain  
Projects), is the Total  
Construction Cost \$200,000 or  
More?: No

Sovereign Land Permit, if  
Required for Construction  
Request: SL2552\_Cover\_Letter.pdf

DWR Construction Permit, if  
Required for Construction  
Request: CP\_2794\_permit\_final.pdf

Conditional Letter of Map  
Revision (CLOMR), if Required  
for Construction Request:

Has a Feasibility/Engineering  
Study Been Completed for the  
Project?: Yes

Feasibility/Engineering Study  
Material: 2025-09-30 Design Report\_Pembina Dam Modification Rev.pdf

Photos of Problem/Issue: Pembina Dam2 8-30-24.jpg

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s): Yes

Other Applicable Document: PembinaCity-WRD-MOU.pdf

Other Applicable Document:

Other Applicable Document:

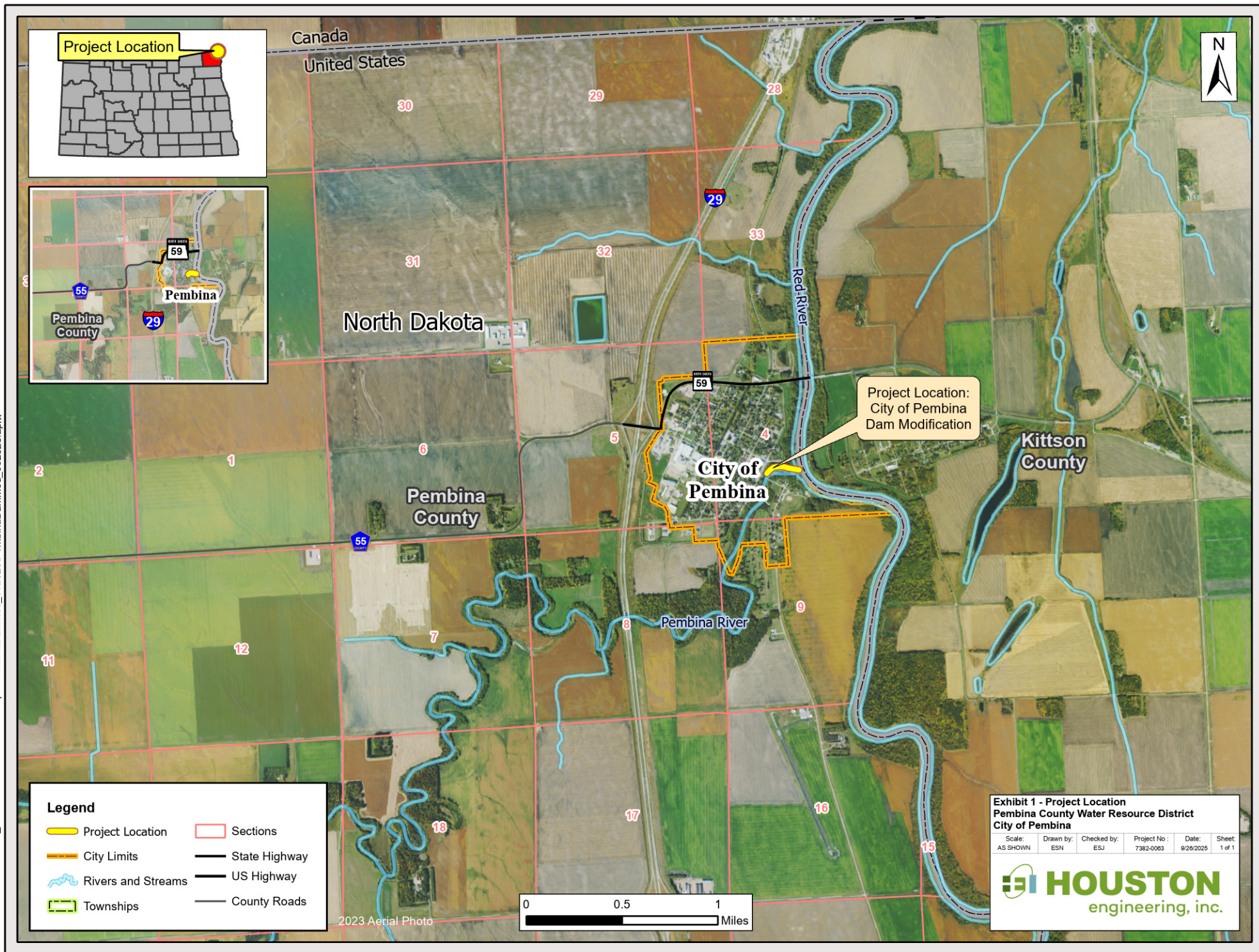
## Sources

**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

| Source | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status | State                     | State Fiscal           | Beyond              | Total Cost     | Type | Term | Interest<br>Rate |
|--------|-------------------------------------------|------------------|---------------------------|------------------------|---------------------|----------------|------|------|------------------|
|        |                                           |                  | Year 1<br>July to<br>June | Year 2<br>July to June | Current<br>Biennium |                |      |      |                  |
|        |                                           |                  | \$62,500.00               | \$1,636,135.00         | \$0.00              | \$1,698,635.00 |      |      |                  |

| Source                                                            | If Other,<br>Specify<br>Funding<br>Source | Source<br>Status    | State                               | State                            | Beyond              | Total Cost            | Type  | Term | Interest<br>Rate |
|-------------------------------------------------------------------|-------------------------------------------|---------------------|-------------------------------------|----------------------------------|---------------------|-----------------------|-------|------|------------------|
|                                                                   |                                           |                     | Fiscal<br>Year 1<br>July to<br>June | Fiscal<br>Year 2<br>July to June | Current<br>Biennium |                       |       |      |                  |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction |                                           | Current<br>Request  | \$50,000.00                         | \$1,223,976.00                   | \$0.00              | \$1,273,976.00        | Grant | 0.00 | 0.00             |
| Other                                                             | The Nature<br>Conservancy                 | Already<br>Approved | \$12,500.00                         | \$412,159.00                     | \$0.00              | \$424,659.00          |       | 0.00 | 0.00             |
|                                                                   |                                           |                     | <b>\$62,500.00</b>                  | <b>\$1,636,135.00</b>            | <b>\$0.00</b>       | <b>\$1,698,635.00</b> |       |      |                  |









**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

**PRE-BID AMOUNTS**

DWR Date Received : June 30, 2026

|            |                                        |
|------------|----------------------------------------|
| Date :     | 5/21/26                                |
| Project :  | Pembina Dam Modification               |
| Sponsor :  | Pembina County Water Resource District |
| Contact :  | LuAnn Kemp, Secretary                  |
| Phone :    | 701_265_4511                           |
| Engineer : | Erik Jones, Houston Engineering Inc.   |
| Phone :    | 701_237_5065                           |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 1,767,424.50 | Total Cost-Share* : | \$ 1,185,243.38 |
| Ineligible Cost : | \$ 187,100.00   | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 1,580,324.50 | Preconstruction :   | \$ -            |
| Local Cost :      | \$ 582,181.13   | Construction :      | \$ 1,185,243.38 |

|                                         |              |
|-----------------------------------------|--------------|
| Project Type:                           | Cost-share % |
| Dam - Low Head Roller Effect Mitigation | 75%          |

|                                                                                   | Cost Classification | Quantity | Unit | Unit Price | Total           | Cost-Share % | Cost-Share \$   |
|-----------------------------------------------------------------------------------|---------------------|----------|------|------------|-----------------|--------------|-----------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>       |                     |          |      |            |                 |              |                 |
| Item                                                                              | % of Cost           |          |      |            |                 |              |                 |
| 1                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 2                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 3                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 4                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 5                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 0.0%                |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b> |                     |          |      |            |                 |              |                 |
| 6                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 7                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 8                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 9                                                                                 | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 10                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 0.0%                |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Construction Engineering Costs</b>                                             |                     |          |      |            |                 |              |                 |
| 11                                                                                | 1.4%                | 1        | LS   | 25,000.00  | \$ 25,000.00    | 75%          | \$ 18,750.00    |
| 12                                                                                | 7.1%                | 1        | LS   | 125,000.00 | \$ 125,000.00   | 75%          | \$ 93,750.00    |
| 13                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 14                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 8.5%                |          |      |            | \$ 150,000      | 75%          | \$ 112,500.00   |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Construction Costs</b>                                                         |                     |          |      |            |                 |              |                 |
| 15                                                                                | 1.4%                | 1        | LS   | 25,000.00  | \$ 25,000.00    | 75%          | \$ 18,750.00    |
| 16                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 17                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 18                                                                                | 0.3%                | 160      | LF   | 36.00      | \$ 5,760.00     | 75%          | \$ 4,320.00     |
| 19                                                                                | 0.8%                | 1        | LS   | 15,000.00  | \$ 15,000.00    | 75%          | \$ 11,250.00    |
| 20                                                                                | 1.0%                | 443      | CY   | 40.00      | \$ 17,720.00    | 75%          | \$ 13,290.00    |
| 21                                                                                | 21.5%               | 2055     | CY   | 185.00     | \$ 380,175.00   | 75%          | \$ 285,131.25   |
| 22                                                                                | 34.6%               | 3170     | CY   | 193.00     | \$ 611,810.00   | 75%          | \$ 458,857.50   |
| 23                                                                                | 11.3%               | 1112     | LF   | 180.00     | \$ 200,160.00   | 75%          | \$ 150,120.00   |
| 24                                                                                | 0.8%                | 26       | EA   | 530.00     | \$ 13,780.00    | 75%          | \$ 10,335.00    |
| 25                                                                                | 0.2%                | 4        | EA   | 880.00     | \$ 3,520.00     | 75%          | \$ 2,640.00     |
| 26                                                                                | 0.8%                | 1        | LS   | 15,000.00  | \$ 15,000.00    | 75%          | \$ 11,250.00    |
| 27                                                                                | 0.3%                | 1        | LS   | 6,000.00   | \$ 6,000.00     | 75%          | \$ 4,500.00     |
| 28                                                                                | 0.4%                | 910      | SY   | 7.00       | \$ 6,370.00     | 75%          | \$ 4,777.50     |
| 29                                                                                | 0.0%                |          |      | -          | \$ -            | 75%          | \$ -            |
| 30                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 31                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 32                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 33                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 34                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 35                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
| 36                                                                                | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            | \$ 1,300,295.00 | 75%          | \$ 975,221.25   |
|                                                                                   | 7.4%                |          |      |            | \$ 130,029.50   | 75%          | \$ 97,522.13    |
|                                                                                   | 0.0%                | 0        |      | -          | \$ -            | 75%          | \$ -            |
|                                                                                   | 80.9%               |          |      |            | \$ 1,430,324.50 | 75%          | \$ 1,072,743.38 |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Eligible Preconstruction</b>                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ -            | 75%          | \$ -            |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Ineligible Preconstruction Costs</b>                                           |                     |          |      |            |                 |              |                 |
| 37                                                                                | 7.1%                | 1        | LS   | 125,000.00 | \$ 125,000      | 0%           | \$ -            |
| 38                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 39                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 40                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                                   | 7.1%                |          |      |            | \$ 125,000      | 0%           | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
| <b>Ineligible Construction Costs</b>                                              |                     |          |      |            |                 |              |                 |
| 41                                                                                | 3.5%                | 27       | LF   | 2,300.00   | \$ 62,100.00    | 0%           | \$ -            |
| 42                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 43                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
| 44                                                                                | 0.0%                | 0        |      | -          | \$ -            | 0%           | \$ -            |
|                                                                                   | 3.5%                |          |      |            | \$ 62,100.00    | 0%           | \$ -            |
|                                                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ 187,100.00   | 0%           | \$ -            |
|                                                                                   | 100.0%              |          |      |            | \$ 1,767,424.50 |              |                 |
|                                                                                   |                     |          |      |            |                 |              |                 |
|                                                                                   |                     |          |      |            | \$ -            |              |                 |
|                                                                                   |                     |          |      |            | \$ 1,580,324.50 | 75%          | \$ 1,185,243.38 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.







PEMBINA COUNTY  
**WATER RESOURCE DISTRICT**

308 Courthouse Drive #5  
Cavalier, North Dakota 58220  
Phone: 701-265-4511  
Fax: 701-265-4165

June 30, 2026

ND State Water Commission  
Bismarck, ND 58504

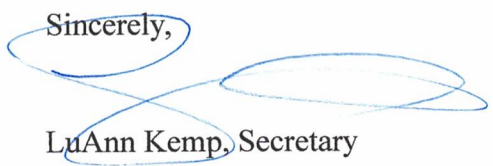
Dear Members:

The Pembina County Water Resource District (PCWRD), requests construction cost-share with the North Dakota Department of Water Resources (NDDWR) for Pembina City Dam Modifications. The project is a installation of a rock arch rapids to eliminate the high priority low head dam which presents a drowning hazard for local residents. This is a joint effort by the City of Pembina, Pembina County Water Resources, and the Nature Conservancy.

The total construction and construction engineering costs to implement the permanent grade stabilization is estimated to be \$1,698,635, and the Board hereby requests ND DWR cost-share in the amount of \$1,273,976 to complete dam safety modifications to the low head dam.

If you have any questions, please don't hesitate to call our office.

Sincerely,

  
LuAnn Kemp, Secretary

Enc

*Board Members*

*Richard Kendall, Randall Emanuelson, Ted Juht, William Gunderson, & Donald Kemp*

**These are DRAFT minutes, subject to amendment before final approval by  
the Pembina County Water Resource District**

June 23, 2026

MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Those present were Managers William Gunderson, Donald Kemp, Ted Juhl, Randall Emanuelson, and LuAnn Kemp, secretary. Attorney Robert Fleming also present. A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the minutes of June 2, 2026. A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the minutes of June 12, 2026.

The public comment period was held at 8:10 am. No public comments were received.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to amend the agenda to include: culvert request for Brown and Kemp, Drain 64 advertisement for bids, and Devon Johnson – Pembina County Highway.

Kelly Brown, Charlie Morrison, Mark Morrison, Travis Brown, and Landis McDonald met with the board regarding a request for an additional culvert into Drain 4 in the NE ¼ of Section 5-162-53. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the installation of an additional 36 inch x 50 foot culvert with trap into Drain 4. Quotes will be requested from contractors for direct hire.

Alex Spitsburg – Nodak Electric met with the board regarding projects that will be crossing legal assessment drains. A motion was made by Randall Emanuelson, seconded by Ted Juhl, by vote unanimously carried to approve the easement as amended to the correct township/range for Section 7-160-52. The board also reviewed the proposed work south of the border crossing near Walhalla.

A motion was made by Ted Juhl, seconded by William Gunderson, by vote unanimously carried to approve the Drain 64 Bid advertisement as presented.

The board reviewed the culvert request by D. Kemp for the SE ¼ Section 24-161-52 and issued no comment.

A motion as made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the bills as presented:

|       |                         |          |
|-------|-------------------------|----------|
| 14401 | Pembina County          | 56.28    |
| 14402 | LuAnn Kemp              | 98.38    |
| 14403 | Thorlakson Construction | 1,295.00 |

The board reviewed the Drain 64 ND DWR Drain permit. A motion was made by Ted Juhl, seconded by Randall Emanuelson, by vote unanimously carried to approve the permit after finding no downstream effects to the project.



June 23, 2026

MINUTES OF THE MEETING OF THE  
PEMBINA COUNTY WATER RESOURCE DISTRICT BOARD OF MANAGERS  
WATER RESOURCE DISTRICT OFFICE, CAVALIER ND

Page 2

The board reviewed the email from Ms. Landry regarding Bourbanis Dam. Minutes from July 1, 2025 stated:

A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve Kendall Construction to spray the dams and the area of concern on Bourbanis Dam clay stockpile based on the rates provided in the original bid Option A.

The board will direct Mr. Gemmil to spray the areas the stockpile again this year. No action was taken on the request for access or tree planting as those had been addressed previously with the landowner.

Mike Ferrie – Houston Engineering was present with project updates.

- Snagging and clearing – the project proposal will included approximately 3.75 miles starting near Morrison Dam and moving west to 94<sup>th</sup> Street. A motion was made by William Gunderson, seconded by Randall Emanuelson, by vote unanimously carried to approve the Notice of Hearing to set the date for the hearing as August 4<sup>th</sup> pending Commission availability.
- Drain 4 – ND DWR cost-share will be submitted by 6/29, project is moving forward with bidding late summer
- Tongue River Cutoff – the NRCS has indicated they would be agreeable to a modified use permit if requested by the landowner
- Olga Road – discussion on possibility to do a small repair on the road at this time
- Wieler Dam – the television/jetting is expected to take 2 days at a cost of \$12,000. Board will need to coordinate removal of animal gate on the 8 inch drain prior to expected work in mid-July.
- Drain 67A Culvert repairs – final site visit pending drier weather to allow for inspection of culverts – target bid date for mid-winter for 2027 work
- Drain 67C – Final pay will be processed at end of warranty period
- Drain 78 – mobilization for additional rip rap is expected when road conditions improve
- Assessment North of Drayton – the board reviewed the correspondence regarding benefit analysis for all parcels in drains that are impacted by a reassessment; a motion was made by Randall Eamneulson, seconded by Ted Juhl, by vote unanimously carried to pause the Assessment project at this time.

A motion was made by William Gunderson, seconded by Ted Juhl, by vote unanimously carried to approve the ND DWR Cost-share applications for Drain 4 and the City of Pembina Dam removal as presented and direct Secretary/Treasurer to sign the letter and application.

Manager Gunderson reported an area on Drain 79 that will need spraying for weeds and trees.

1088057 - Underwood Water System Improvements 2026-1

Application Details

|                               |                                                      |                                                                     |
|-------------------------------|------------------------------------------------------|---------------------------------------------------------------------|
| Funding Opportunity:          | 1085949-July 2025 - June 2026 Infrastructure Request | Commission Date : 5/21/26<br>Commission Action : Deferred (slbrost) |
| Funding Opportunity Due Date: | Jun 30, 2026 3:00 PM                                 |                                                                     |
| Program Area:                 | Funding for Infrastructure in ND - FIND              |                                                                     |
| Status:                       | Under Review                                         |                                                                     |
| Stage:                        | Final Application                                    |                                                                     |
| Initial Submit Date:          | Apr 24, 2026 2:22 PM                                 |                                                                     |
| Initially Submitted By:       | Jordyn Whebbe                                        |                                                                     |
| Last Submit Date:             | Apr 29, 2026 4:06 PM                                 |                                                                     |
| Last Submitted By:            | Josh Wayt                                            |                                                                     |

Contact Information

Primary Contact Information

|               |                                                                                                       |
|---------------|-------------------------------------------------------------------------------------------------------|
| Active User*: | Yes                                                                                                   |
| Type:         | External User                                                                                         |
| Name:         | Salutation Josh Middle Name Wayt<br>First Name Last Name                                              |
| Title:        | Funding Specialist                                                                                    |
| Email*:       | josh.wayt@mooreengineeringinc.com                                                                     |
| Address*:     | 925 10th Ave E<br>Suite 1<br><br>West Fargo North Dakota 58078<br>City State/Province Postal Code/Zip |
| Phone*:       | (701) 200-5455 Ext.<br>Phone<br>###-###-####                                                          |
| Fax:          | ###-###-####                                                                                          |
| Comments:     |                                                                                                       |

Organization Information

|                       |                      |
|-----------------------|----------------------|
| Status*:              | Approved             |
| Name*:                | City of Underwood    |
| Organization Type*:   | Municipal Government |
| Tax Id:               | 45-6002170           |
| Organization Website: | underwoodnd.org      |
| Address*:             | PO Box 168           |

Underwood North Dakota 58576  
City State/Province Postal Code/Zip

**Phone\*:** 701-442-5481 Ext.  
### ### #####

**Fax:** 701-442-5482  
### ### #####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:** 826295078

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

---

### *Infrastructure Funding Request*

**Project Name\*:** Underwood Water System Improvements 2026-1

**Sponsor(s)\*:** City of Underwood

**County\*:** McLean

**City\*:** Underwood

**Description of Request\*:** New

**Project Type:** Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or  
Municipal Water Supply, What is the Name  
of the Water Supply Source?:** North Central Rural Water Consortium II

**Jurisdictions/Stakeholders Involved\*:**

The City of Underwood and its 785 residents.

**Describe the Problem/Need and the  
Circumstances that Led to This  
Application\*:**

The City's water distribution system includes Cast Iron Pipe (CIP) that was originally installed in the 1940's. The CIP is now more than 80 years old and beyond its useful life. The City has experienced several costly and disruptive watermain breaks in recent years, some of which prompted boil orders.

**Describe the Proposed or Chosen  
Solution(s) to Address the Problem/Need\*:**

The project will replace deteriorated CIP water mains and associated services, hydrants, and gate valves for the most vulnerable area within the distribution system.

**Describe the Objectives or Goals Specific to  
This Application\*:**

The City is respectfully requesting 60% cost share for eligible construction costs.

## Describe the Scope of Work or Project

### Activities Specific to This Application\*:

The City is prioritizing distribution improvements within a 5-block area that is most vulnerable to breaks. The project's scope includes replacement of water mains, services, hydrants, and gate valves.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 785

For this project,

**What is the Benefited Population?\*** 785

**Have Assessment Districts Been Formed?\*** N/A

**Have Land or Easements Been Acquired?\*** N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** Yes

**If Yes, Describe the Condition of Drinking Water, Sanitary and Storm Sewer Utilities. When Were the Last Improvements Made to Any Underground Infrastructure? Give Approximate Years for Water Improvements and Sanitary and Storm Sewer Improvements.:**

The water distribution system consists of CIP that was originally installed in the 1940's. The sewer collection system is clay pipe that was also installed in the 1940's. The sewer main will be relined with a trenchless technology in a future project.

**Have You Applied For Any Federal Permits?\*** N/A

**Have You Applied for any State Permits?\*** N/A

**Have You Applied for any Local Permits?\*** N/A

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\*** No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 03/01/2023

**Design Completion\*:** 03/01/2026

**Bid\*:** 05/28/2026

**Construction Start\*:** 07/01/2026

**Construction Completion\*:** 10/20/2026

**Explain Additional Timeline Issues\*:**

No additional timeline issues are anticipated.

**Consulting Engineer\*:** Michael Gorder  
**Engineer Direct Phone Number\*:** 651-328-3354  
**Engineer Email\*:** [michael.gorder@mooreengineeringinc.com](mailto:michael.gorder@mooreengineeringinc.com)

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:** Yes

**Authorized Individual\*:** Jordyn Whebbe 04/24/2026  
First Name Last Name Date  
**Title/Position/Authority\*:** City Auditor  
**Address\*:** 88 Lincoln Ave  
Address Line 1  
Address Line 2  
Underwood North Dakota 58576-0168  
City State Zip Code

**Direct Phone Number\*:** 701-442-5481  
**Sponsor Email\*:** [ctyunder@westriv.com](mailto:ctyunder@westriv.com)

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:** Jordyn Whebbe  
First Name Last Name

**Authorized Signor Title/Position:** City Auditor  
**Authorized Signor Email:** [ctyunder@westriv.com](mailto:ctyunder@westriv.com)

**Authorized Signor Direct Phone Number:** 701-442-5481

**Provide the Name for One Additional Board Member, if Applicable:** Roxanne Kapanke  
First Name Last Name

**Additional Board Member Title/Position:** President of the Commission

**Additional Board Member Email:**

**Additional Board Member Direct Phone Number:**

## Documentation

### ***Documentation***

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE](#) to see examples.



**Project Specific Map**[22182A\\_Underwood\\_Exhibit\\_20251229.pdf](#)

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

No

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**[22182A\\_Underwood\\_MeetingMinutes\\_02.03.2026.docx](#)**Cover Letter:**[22182A\\_Underwood\\_CoverLetter\\_SIGNED.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:**

No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:**[22182A\\_Underwood\\_DelineationCost\\_V2.xlsx](#)**Type of Request:**

Construction

**Signed Plans and Specifications For Bidding:**

[22182A\\_Underwood\\_ProjectManual\\_Signed\\_20260422.pdf](#)**Is This a Water Supply Project?:**

Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:**[22182A\\_Underwood\\_LCCA.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:**[22182A\\_Underwood\\_BAIA.xlsx](#)**Is This a Rural Flood Control Project?:**

No

**Is This a Drain Reconstruction Project?:**

No

**Is This a Flood Recovery Property Acquisition Project?:**

No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:**

No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:**

Yes

**Feasibility/Engineering Study Material:**[22182A\\_Underwood\\_PARReport\\_Signed\\_20230330.pdf](#)**Photos of Problem/Issue:****GIS Files:**

Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**

No

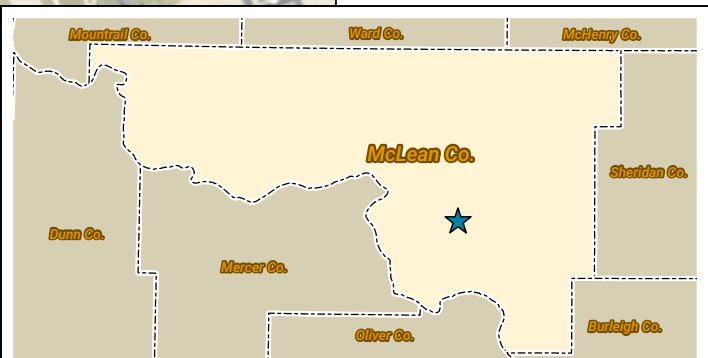
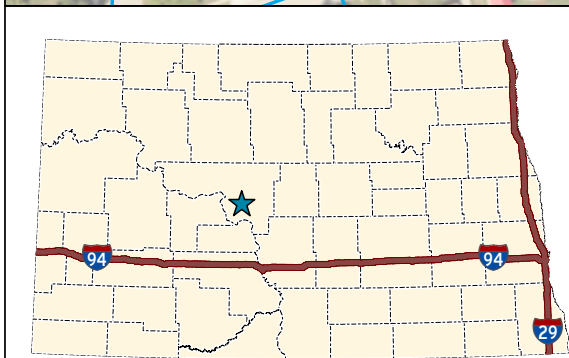
Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

| Source                                                    | If Other, Specify Funding Source | Source Status    | State Fiscal Year 1 July to June | State Fiscal Year 2 July to June | Beyond Current Biennium | Total Cost     | Type | Term | Interest Rate |
|-----------------------------------------------------------|----------------------------------|------------------|----------------------------------|----------------------------------|-------------------------|----------------|------|------|---------------|
| Department of Water Resources Cost Share Construction     |                                  | Current Request  | \$555,466.00                     | \$0.00                           | \$0.00                  | \$555,466.00   |      | 0.00 | 0.00          |
| Drinking Water State Revolving Fund                       |                                  | Already Approved | \$417,950.00                     | \$0.00                           | \$0.00                  | \$417,950.00   |      | 0.00 | 0.00          |
| Department of Water Resources Cost Share Pre-Construction |                                  | Already Approved | \$53,760.00                      | \$0.00                           | \$0.00                  | \$53,760.00    |      | 0.00 | 0.00          |
|                                                           |                                  |                  | \$1,027,176.00                   | \$0.00                           | \$0.00                  | \$1,027,176.00 |      |      |               |

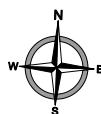
## Legend

- Replace 6" Cast Iron Water Main
- Hydrant Replacement
- ⊗ Gate Valve Replacement
- Water Main



## WATER SYSTEM IMPROVEMENTS UNDERWOOD, NORTH DAKOTA

Created By: BAS Date Created: 12/23/25 Date Saved: 12/29/25 Project Number: 22182A-105  
Map Name: DWR Main Map Exported By: brooksmith Date Exported: 12/29/25 Parcels: Aerial Image: NAIP  
Coordinate System: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
T:\Projects\2210P\22182A\10\_ArcPro\DWI\_22182A\_Underwood\DWI\_22182A.aprx





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received :

Date : 4/24/26  
Project : Underwood Water System Improvements 2026-1  
Sponsor : City of Underwood  
Contact : Jordyn Whebbe  
Phone : 701-442-5481  
Engineer : Tom Klabunde, Moore Engineering Inc.  
Phone : 651-328-3354

|                   |                 |                     |               |
|-------------------|-----------------|---------------------|---------------|
| Total Cost :      | \$ 1,027,176.80 | Total Cost-Share* : | \$ 609,226.08 |
| Ineligible Cost : | \$ 11,800.00    | Other Eligible :    | \$ -          |
| Eligible Cost :   | \$ 1,015,376.80 | Preconstruction :   | \$ 53,760.00  |
| Local Cost :      | \$ 417,950.72   | Construction :      | \$ 555,466.08 |

| Project Type:            | Cost-share % |
|--------------------------|--------------|
| Water Supply - Municipal | 60%          |

|                                                                            |           | Cost Classification                      | Quantity | Unit | Unit Price | Total           | Cost-Share % | Cost-Share \$ |
|----------------------------------------------------------------------------|-----------|------------------------------------------|----------|------|------------|-----------------|--------------|---------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                          |          |      |            |                 |              |               |
| Item                                                                       | % of Cost |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 1                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 2                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 3                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 4                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 5                                                                          | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
|                                                                            | 0.0%      | Other Eligible Total                     |          |      |            | \$ -            | 60%          | \$ -          |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                          |          |      |            |                 |              |               |
| 6                                                                          | 0.2%      | Feasibility Study                        | 1        | LS   | 2,000.00   | \$ 2,000.00     | 60%          | \$ 1,200.00   |
| 7                                                                          | 0.5%      | Environmental Documentation              | 1        | LS   | 5,600.00   | \$ 5,600.00     | 60%          | \$ 3,360.00   |
| 8                                                                          | 2.9%      | Preliminary Design                       | 1        | LS   | 30,000.00  | \$ 30,000.00    | 60%          | \$ 18,000.00  |
| 9                                                                          | 3.9%      | Final Design                             | 1        | LS   | 40,000.00  | \$ 40,000.00    | 60%          | \$ 24,000.00  |
| 10                                                                         | 1.2%      | Bidding/Negotiations                     | 1        | LS   | 12,000.00  | \$ 12,000.00    | 60%          | \$ 7,200.00   |
|                                                                            | 8.7%      | Preconstruction Total                    |          |      |            | \$ 89,600.00    | 60%          | \$ 53,760.00  |
| Construction Engineering Costs                                             |           |                                          |          |      |            |                 |              |               |
| 11                                                                         | 3.9%      | Construction Contract Mgmt.              | 1        | LS   | 40,000.00  | \$ 40,000.00    | 60%          | \$ 24,000.00  |
| 12                                                                         | 4.1%      | Project Inspection                       | 1        | LS   | 42,000.00  | \$ 42,000.00    | 60%          | \$ 25,200.00  |
| 13                                                                         | 1.0%      | Construction Staking                     | 1        | LS   | 10,000.00  | \$ 10,000.00    | 60%          | \$ 6,000.00   |
| 14                                                                         | 1.0%      | Record Drawings and Project Closeout     | 1        | LS   | 10,000.00  | \$ 10,000.00    | 60%          | \$ 6,000.00   |
|                                                                            | 9.9%      | Construction Engineering Total           |          |      |            | \$ 102,000.00   | 60%          | \$ 61,200.00  |
| Construction Costs                                                         |           |                                          |          |      |            |                 |              |               |
| 15                                                                         | 11.7%     | Mobilization                             | 1        | LS   | 120,000.00 | \$ 120,000.00   | 60%          | \$ 72,000.00  |
| 16                                                                         | 0.0%      | Bonding                                  | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 17                                                                         | 0.0%      | Insurance                                | 0        |      | -          | \$ -            | 60%          | \$ -          |
| 18                                                                         | 2.4%      | Traffic Control                          | 1        | LS   | 25,000.00  | \$ 25,000.00    | 60%          | \$ 15,000.00  |
| 19                                                                         | 0.7%      | Testing Allowance                        | 1        | LS   | 7,000.00   | \$ 7,000.00     | 60%          | \$ 4,200.00   |
| 20                                                                         | 1.5%      | Temporary Pumping                        | 1        | LS   | 15,000.00  | \$ 15,000.00    | 60%          | \$ 9,000.00   |
| 21                                                                         | 19.0%     | Water Main 8 in                          | 1500     | LF   | 130.00     | \$ 195,000.00   | 60%          | \$ 117,000.00 |
| 22                                                                         | 2.4%      | Connection to Existing Line              | 5        | EA   | 5,000.00   | \$ 25,000.00    | 60%          | \$ 15,000.00  |
| 23                                                                         | 2.8%      | Water Service Line                       | 385      | LF   | 75.00      | \$ 28,875.00    | 60%          | \$ 17,325.00  |
| 24                                                                         | 2.0%      | Curb Stop                                | 23       | EA   | 886.96     | \$ 20,400.00    | 60%          | \$ 12,240.00  |
| 25                                                                         | 3.5%      | Gate Valve                               | 8        | EA   | 4,500.00   | \$ 36,000.00    | 60%          | \$ 21,600.00  |
| 26                                                                         | 1.9%      | Hydrant                                  | 2        | EA   | 10,000.00  | \$ 20,000.00    | 60%          | \$ 12,000.00  |
| 27                                                                         | 0.3%      | Televise Main                            | 886      | LF   | 3.00       | \$ 2,658.00     | 60%          | \$ 1,594.80   |
| 28                                                                         | 0.4%      | Moving Sanitary System                   | 53       | LF   | 70.00      | \$ 3,710.00     | 60%          | \$ 2,226.00   |
| 29                                                                         | 2.1%      | Subgrade Preparation & Geotextiles       | 1810     | SY   | 12.00      | \$ 21,720.00    | 60%          | \$ 13,032.00  |
| 30                                                                         | 14.6%     | Road Repair                              | 1950     | SY   | 77.06      | \$ 150,275.00   | 60%          | \$ 90,165.00  |
| 31                                                                         | 1.9%      | Seeding & Hydraulic Mulch                | 2500     | SY   | 8.00       | \$ 20,000.00    | 60%          | \$ 12,000.00  |
| 32                                                                         | 1.9%      | Materials - Topsoil                      | 200      | CY   | 100.00     | \$ 20,000.00    | 60%          | \$ 12,000.00  |
| 33                                                                         | 0.1%      | Curb and Gutter                          | 10       | LF   | 130.00     | \$ 1,300.00     | 60%          | \$ 780.00     |
| 34                                                                         | 0.2%      | Valley Gutter                            | 8        | SY   | 300.00     | \$ 2,400.00     | 60%          | \$ 1,440.00   |
| 35                                                                         | 3.4%      | Remove Asphalt, Concrete, Curb, Hydrant  | 1        | LS   | 34,550.00  | \$ 34,550.00    | 60%          | \$ 20,730.00  |
| 36                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 60%          | \$ -          |
|                                                                            |           | Construction Sub-Total                   |          |      |            | \$ 748,888.00   | 60%          | \$ 449,332.80 |
|                                                                            | 7.3%      | Allowable Contingency (10%)              |          |      |            | \$ 74,888.80    | 60%          | \$ 44,933.28  |
|                                                                            | 0.0%      | Elective Contingency Reduction           | 0        |      | -          | \$ -            | 60%          | \$ -          |
|                                                                            | 80.2%     | Construction Total                       |          |      |            | \$ 823,776.80   | 60%          | \$ 494,266.08 |
| Eligible Preconstruction                                                   |           |                                          |          |      |            | \$ 89,600.00    | 60%          | \$ 53,760.00  |
| Eligible Construction                                                      |           |                                          |          |      |            | \$ 925,776.80   | 60%          | \$ 555,466.08 |
| Eligible Total                                                             |           |                                          |          |      |            | \$ 1,015,376.80 | 60%          | \$ 609,226.08 |
| Ineligible Preconstruction Costs                                           |           |                                          |          |      |            |                 |              |               |
| 37                                                                         | 0.6%      | Funding Assistance Labor                 | 1        | LS   | 6,500.00   | \$ 6,500.00     | 0%           | \$ -          |
| 38                                                                         | 0.3%      | Administrative Services/Support Services | 1        | LS   | 2,800.00   | \$ 2,800.00     | 0%           | \$ -          |
| 39                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -          |
| 40                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -          |
|                                                                            | 0.9%      | Preconstruction Ineligible Total         |          |      |            | \$ 9,300.00     | 0%           | \$ -          |
| Ineligible Construction Costs                                              |           |                                          |          |      |            |                 |              |               |
| 41                                                                         | 0.2%      | Legal Expenses                           | 1        | LS   | 2,500.00   | \$ 2,500.00     | 0%           | \$ -          |
| 42                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -          |
| 43                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -          |
| 44                                                                         | 0.0%      |                                          | 0        |      | -          | \$ -            | 0%           | \$ -          |
|                                                                            | 0.2%      | Construction Ineligible Total            |          |      |            | \$ 2,500.00     | 0%           | \$ -          |
| Ineligible Total                                                           |           |                                          |          |      |            | \$ 11,800.00    | 0%           | \$ -          |
| 100.0%                                                                     |           | Project Total                            |          |      |            | \$ 1,027,176.80 |              |               |
| Federal or State Funds That Supplant Costs                                 |           |                                          |          |      |            | \$ -            |              |               |
| Eligible Cost Total                                                        |           |                                          |          |      |            | \$ 1,015,376.80 | 60%          | \$ 609,226.08 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Underwood  
**Project Title:** Underwood Water System Improvements 2026-1  
**Date:** April 30, 2026

### Explanation of Alternatives:

- **Open Cut Watermain Replacement – Preferred Alternative:** Open-cut method is used to replace watermain, services, hydrants, and gate valves within a 5-block area identified as having the greatest need for improvement.  
 - **Do Nothing:** The existing distribution system would remain as-is with no improvements and any failures will be addressed as they occur.  
 - **Directional Drilling Watermain Replacement:** Directional drilling method is used to replace watermain, services, hydrants, and gate valves within a 5-block area identified as having the greatest need for improvement.

### Inputs:

|                                 |     |                                                    |           |
|---------------------------------|-----|----------------------------------------------------|-----------|
| New Connections Served          | 0   | Current CIF Balance                                | \$200,000 |
| Future Connections Served       | 0   | Annual CIF Contribution                            | \$20,000  |
| Current Connections Served      | 385 | Cash Funding Target (Percentage %) New Assets      | 10%       |
| Net Connections (New + Current) | 385 | Cash Funding Target (Percentage %) Existing Assets | 20%       |
|                                 |     | Annual CIF Contribution suggested for the Project  | \$5,293   |

|                   | Watermain Replacement (Preferred Alternative) | Do Nothing | Directional Drilling Watermain Replacement |  |
|-------------------|-----------------------------------------------|------------|--------------------------------------------|--|
| Construction Cost | \$1,027,176                                   | \$0        | \$1,125,676                                |  |
| Annual O & M      | \$1,000                                       | \$5,000    | \$1,000                                    |  |

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                                            | Open Cut Watermain Replacement (Preferred Alternative) | Do Nothing       | Directional Drilling Watermain Replacement |  |
|--------------------------------------------|--------------------------------------------------------|------------------|--------------------------------------------|--|
| Present Value                              |                                                        |                  |                                            |  |
| Capital Costs                              | \$1,027,000                                            | \$0              | \$1,126,000                                |  |
| O&M                                        | \$21,000                                               | \$126,000        | \$21,000                                   |  |
| Repair, Rehab, Replacement                 | \$175,000                                              | \$0              | \$118,000                                  |  |
| Salvage Value                              | \$25,000                                               | \$0              | \$18,000                                   |  |
| <b>Total PVC</b>                           | <b>\$1,198,000</b>                                     | <b>\$126,000</b> | <b>\$1,247,000</b>                         |  |
| <b>PV Cost Per User</b>                    | <b>\$3,112</b>                                         | <b>\$327</b>     | <b>\$3,239</b>                             |  |
| Construction Cost Per User                 | \$2,668                                                | \$0              | \$2,924                                    |  |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$51</b>                                            |                  |                                            |  |
| <b>Comparable Water Rate</b>               | <b>\$52</b>                                            |                  |                                            |  |
| Net Connections (New + Current)            | 385                                                    | 385              | 385                                        |  |
| Cost-Share Percent                         | 60%                                                    | 60%              | 60%                                        |  |
| Local Share                                | \$410,800                                              | \$0              | \$450,400                                  |  |
| Other Funding                              | \$0                                                    | \$0              | \$0                                        |  |
| Total Local                                | \$410,800                                              | \$0              | \$450,400                                  |  |
| <b>Payment Per User With Cost-Share</b>    | <b>\$5.40</b>                                          | <b>\$0.00</b>    | <b>\$5.92</b>                              |  |
| Local Share                                | \$1,027,000                                            | \$0              | \$1,126,000                                |  |
| Other Funding                              | \$0                                                    | \$0              | \$0                                        |  |
| Total Local                                | \$1,027,000                                            | \$0              | \$1,126,000                                |  |
| <b>Payment Per User Without Cost-Share</b> | <b>\$13.49</b>                                         | <b>\$0.00</b>    | <b>\$14.80</b>                             |  |

### Explanation of Results:

The preferred project uses open cut method for replacements. Present value cost per user is \$3,112 and construction cost per user is \$2,668. The monthly cost with 60% DWR cost-share participation is \$5.40 per user and \$13.49 per user without DWR participation.

|                      | Year |      | Annual Population Growth Rate | Average Annual Population Increase/Decrease |
|----------------------|------|------|-------------------------------|---------------------------------------------|
| ND Dept. of Commerce | 2010 | 2024 |                               |                                             |
| Population & Trends  | 778  | 771  | -0.1%                         | -1                                          |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.

LCCA Version                      Version 1.2024.04.18



# City of Underwood

PO Box 168 - 88 Lincoln Avenue  
Underwood, ND 58576  
Phone: 701-442-5481 Fax: 701-442-5482  
TTY: RELAY ND 1-800-366-6888

April 17, 2026

Lori Noack  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505-0850

RE: Underwood Water System Improvements  
DWR Construction Cost-Share Request

Dear Lori,

The City of Underwood has initiated a project to replace 5 blocks of existing water main. This section of water main consists of Cast Iron Pipe (CIP) that was originally installed in the 1940's. The CIP is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years. This project will use an open trench method to replace the watermain and associated water services, hydrants, and gate valves in the project area.

In January 2026, the City received \$53,760 in DWR cost share assistance to perform design and preconstruction engineering (DWR Project No. 2050UND). The City is now respectfully requesting 60% cost share assistance to support eligible construction and construction engineering costs to complete the project. The project is listed on the State's Water Development Plan.

The urgency of this project is underscored by a January 2026 watermain break in the project area that caused a loss of pressure and boil water advisory for the City. We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water to its residents and visitors. If you have any questions, please feel free to contact me or the City's Engineer, Michael Gorder, at [michael.gorder@mooreengineeringinc.com](mailto:michael.gorder@mooreengineeringinc.com) or (651) 328-3354.

Sincerely,

CITY OF UNDERWOOD, NORTH DAKOTA



Jordyn Whebbe  
City Auditor

The Underwood City Commission met February 3, 2026, at 6pm at city hall.

Commissioners present: Cabrera, Fischer, Kapanke, Sayler, Saxberg, absent, none.

Fischer, Cabrera, moved to approve January 13, 2026 meeting minutes, motion carried.

Sayler, Cabrera moved to approve the December 2025 and January 2026 monthly financial reports, motion carried.

Cabrera reported that the Library Board will be conducting interviews for head Librarian.

Sayler stated that city employees should not be climbing the water tower for any repairs needed, that a contractor with proper equipment should be contacted.

Moore Engineering reported that a punch list has been developed for items that need to be completed on the water tower project. Tom Klabunde explained that there are potential grant funds and revolving loan funds remaining from the project that could be used to replace the water main on County Road 14, and a few blocks of Garfield Avenue and/or 1<sup>st</sup> Street. This was an area of concern due to the recent main water break on County Rd. 14. He stated that if the Commission wanted to proceed with the project, he would need to submit an application to the North Dakota Department of Water Resources. Fischer, Sayler, moved to proceed with the cost-share reimbursement project, motion carried.

Sayler, Cabrera, moved to approve the Moore Engineering contract for the project, motion carried. Klabunde stated he would submit the Sletten Excavating bill, for the December water main break on County Road 14, to the State Revolving Fund for possible reimbursement.

The Commission directed city employees to replace old meters that hadn't been replaced with new meters instead of having Core and Main contractors finish the project. Klabunde stated that the underground part of the water tower project is complete with additional asphalt patching needed in some areas.

Fischer, Saxberg, moved to approve the estimated cost for using copper and aluminum wiring for connecting the new generator to the main lift station, motion carried. Klabunde mentioned that training on operation of the generator has been scheduled for city employees.

Kapanke, President of the City Commission, discussed a request for sanding/salting a business parking lot. Commissioners declined.

Public Works Superintendent, Amy Riddle, reported that Neal Repnow had completed maintenance on the main lift station and had taken the pump impellers to ND Sewage and Lift Station for repairs.

Fischer, Sayler, moved to approve the first reading of the Floodplain Management Ordinance #48, motion carried.

Saxberg, Cabrera, moved to approve advertising for a Deputy Auditor position with a March 13<sup>th</sup> deadline, motion carried.

Cabrera, Sayler, moved to approve hiring Diane Schell as a mentor for the new city auditor for \$15 per hour, motion carried.

Sayler, Cabrera, moved to accept Courtney Adams' resignation as of February 28<sup>th</sup>, motion carried.

Saxberg, Cabrera, moved to approve a bid from Fischer Lawn Care to mow the City Cemetery for \$50 per hour, the same rate as last year, voting aye: Cabrera, Kapanke, Sayler, and Saxberg, abstaining: Fischer, motion carried.

Saxberg, Cabrera, moved to approve the 2025 Annual Financial Statement as presented, motion carried.

Cabrera, Sayler, moved to approve the McLean County Joint Powers Agreement for the 2026 elections, motion carried.

Saxberg, Cabrera, moved to approve the destruction of records as presented, motion carried.

Cabrera, Sayler, moved to approve a gaming permit for the Washburn American Legion to run a Super Bowl sports pool, February 8<sup>th</sup> at Rusted Rail, motion carried.

Saxberg, Sayler, moved to approve a special liquor license for Rusted Rail to sell alcohol at a pinochle tournament at city hall February 7<sup>th</sup>, motion carried.

Commissioners discussed a metal garage that was moved onto city property near the fairgrounds, by Joe Schrodt, without permission. Cabrera, Fischer moved to send him a letter stating that he has until May 1<sup>st</sup> to remove the building, motion carried.

Cabrera, Saxberg, moved to pay for expenses from the recent water main break a disaster declaration, out of the Emergency Fund, carried motion.

Sayler, Saxberg, moved to approve payment of the bills, motion carried.

Fischer, Cabrera, moved to adjourn at 9pm, motion carried.

1087201 - Water Treatment Plant

Application Details

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Funding Opportunity:          | 1085949-July 2025 - June 2026 Infrastructure Request |
| Funding Opportunity Due Date: | Jun 30, 2026 3:00 PM                                 |
| Program Area:                 | Funding for Infrastructure in ND - FIND              |
| Status:                       | Under Review                                         |
| Stage:                        | Final Application                                    |
| Initial Submit Date:          | Apr 28, 2026 1:23 PM                                 |
| Initially Submitted By:       | Jamie Bolduc                                         |
| Last Submit Date:             | Jul 2, 2026 1:41 PM                                  |
| Last Submitted By:            | Jamie Bolduc                                         |

Contact Information

Primary Contact Information

|               |                                             |
|---------------|---------------------------------------------|
| Active User*: | Yes                                         |
| Type:         | External User                               |
| Name:         | Ms. Jamie Bolduc                            |
|               | Salutation First Name Middle Name Last Name |
| Title:        | City Auditor                                |
| Email*:       | auditor@cityofgrenora.com                   |
| Address*:     | PO BOX 296                                  |
|               | City of Grenora North Dakota 58845          |
|               | City State/Province Postal Code/Zip         |
| Phone*:       | 701-694-3391 1                              |
|               | Phone Ext.                                  |
|               | ###-###-####                                |
| Fax:          | 701-694-3392                                |
|               | ###-###-####                                |
| Comments:     |                                             |

Organization Information

|                       |                              |
|-----------------------|------------------------------|
| Status*:              | Approved                     |
| Name*:                | City of Grenora              |
| Organization Type*:   | Municipal Government         |
| Tax Id:               | 45-6002089                   |
| Organization Website: | http://www.cityofgrenora.com |
| Address*:             | PO BOX 296                   |

204 Main St

City of Grenora North Dakota 58845-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** 701-694-3391 1  
###-###-#### Ext.

**Fax:** 701-694-3392  
###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Grenora Water Treatment Plant

**Sponsor(s)\*:** City of Grenora

**County\*:** Williams

**City\*:** Grenora

**Description of Request\*:** New

**Project Type:** Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or  
Municipal Water Supply, What is the Name  
of the Water Supply Source?:** Grenora Aquifer

**Jurisdictions/Stakeholders Involved\*:**

City of Grenora  
NDDEQ  
USEPA

**Describe the Problem/Need and the  
Circumstances that Led to This  
Application\*:**

The primary concern of the City is the elevated levels of manganese present in the well water. Historically, the water samples have shown manganese levels exceeding the EPA health advisory level of 0.30 mg/L with the most recent sample taken on December 4, 2025 having a level of 0.38 mg/L. While the existing system is able to produce and treat the well water to current drinking water standards, the system is not capable of manganese removal.

**Describe the Proposed or Chosen  
Solution(s) to Address the Problem/Need\*:**

A pilot study has been conducted, and a greensands water filter system has been recommended for water treatment. Under the proposed conditions, a new facility will be constructed to house three 60-inch GreensandPlus? chambers. The three chambers allow for a design flow up to 175 gpm with all three chambers active.



**Describe the Objectives or Goals Specific to This Application\*:**

The goal of this application is to acquire funding assistance for the City of Grenora to be able to fund the preconstruction design of a new water treatment facility. The water treatment facility will be designed to reduce the manganese level in the well water to below the EPA's secondary standard of 0.05 mg/l.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

Full site, and water treatment system design are to be completed. Treatment facility needs include grading, a building, water treatment equipment, water handling equipment, mechanical, electrical, and sanitary sewer infrastructure.

For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 323

For this project,

**What is the Benefited Population?\*** 323

**Have Assessment Districts Been Formed?\*** No

**Have Land or Easements Been Acquired?\*** Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** No

**Have You Applied For Any Federal Permits?\*** No

**Have You Applied for any State Permits?\*** No

**Have You Applied for any Local Permits?\*** No

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\*** No

**Have You Received, or Do You Anticipate Receiving Federal Funding?** Yes

(Example: Hazard Mitigation Grant Program)

\*:

**Explain the Source, Timing and Amount of Federal Funds:**

Drinking Water State Revolving Fund (DWSRF) for \$2,553,000. 3 deadlines must be met; Submit a first loan draw by October 31, 2027, Issue notice of Award for the construction contract by June 30, 2028, and Use all loan forgiveness funds by December 31, 2030.

**Federal Funding Contact:** Shannon Fisher  
First Name Last Name

**Federal Funding Contact Number:** 701-328-5220

**Federal Funding Email:** [smfisher@nd.gov](mailto:smfisher@nd.gov)

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** April 2026

**Design Completion\*:** September 2026

**Bid\*:** October 2026

**Construction Start\*:** November 2026

**Construction Completion\*:** November 2027

**Explain Additional Timeline Issues\*:**

Design is slotted to begin in June of 2026. Notice of full award will be received in March or April of 2026. Following notification of full extent of funding, the project will complete design and proceed to bid by October of 2026.

**Consulting Engineer\*:** Austin Alexander

**Engineer Direct Phone Number\*:** 701-577-2222

**Engineer Email\*:** [austin.alexander@ackerman-estvold.com](mailto:austin.alexander@ackerman-estvold.com)

**Certification (Must Be Completed by Project Sponsor)**

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:** Yes

**Authorized Individual\*:** Jamie Bolduc 04/28/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** 204 Main Street  
Address Line 1  
PO Box 296  
Address Line 2  
Grenora North Dakota 58845-0000  
City State Zip Code

**Direct Phone Number\*:** 701-694-3391

**Sponsor Email\*:** [auditor@cityofgrenora.com](mailto:auditor@cityofgrenora.com)

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:** Brett Wilkins  
First Name Last Name

**Authorized Signor Title/Position:** Mayor

**Authorized Signor Email:** [Auditor@cityofgrenora.com](mailto:Auditor@cityofgrenora.com)

**Authorized Signor Direct Phone Number:** 701-694-3391

**Provide the Name for One Additional Board Member, if Applicable:** Blake Lampert  
First Name Last Name

**Additional Board Member Title/Position:** Council President

**Additional Board Member Email:** [auditor@cityofgrenora.com](mailto:auditor@cityofgrenora.com)

**Additional Board Member Direct Phone Number:** 701-694-3391

## Documentation

## Documentation

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:** No

[CLICK HERE](#) to see examples.

**Project Specific Map** [Project Location Map 8.5x11.pdf](#)

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

.\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** Yes

**Engineer's Estimate of Probable Cost** [Alt 2 - New Treatment Facility.pdf](#)

Separate Project Components by Type (Storm Sewer, Sanitary Sewer and Associated Roads, Drinking Water and Associated Roads, and Roads)

:

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** [June 25 2026 Special meeting minutes.pdf](#)

**Cover Letter:** [CoverLetter.pdf](#)

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE](#) for SFN 61801 Delineation of Costs Instructions and Current Version.

**Delineation of Costs SFN 61801:** [sfn\\_61801\\_delineation\\_of\\_cost 2.xlsx](#)

**Type of Request:** Preconstruction

**Is This a Water Supply Project?:** Yes

[CLICK HERE](#) for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.

**Life Cycle Cost Analysis:** [life\\_cycle\\_cost\\_analysis\\_Alts 1-4.xlsx](#)

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

Feasibility/Engineering Study Material:2026 Grenora Water Treatment Facility Plan\_June 2026\_Rev 01.pdf

Photos of Problem/Issue:

GIS Files:Please Compress All Files Into One .zip File.

Other Applicable Document(s):Yes

Other Applicable Document:2026 Grenora Water Treatment Facility Plan\_June 2026\_Rev 01.pdf

Other Applicable Document:life\_cycle\_cost\_analysis\_Alt 5.xlsx

Other Applicable Document:2026-06-26\_Mitchell Murray\_DEQ\_Response to Facility Plan Comments.pdf

Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

| Source                                                    | If Other, Specify Funding Source       | Source Status   | State Fiscal Year 1<br>July to June | State Fiscal Year 2<br>July to June | Beyond Current<br>Biennium | Total Cost     | Type  | Term  | Interest Rate |
|-----------------------------------------------------------|----------------------------------------|-----------------|-------------------------------------|-------------------------------------|----------------------------|----------------|-------|-------|---------------|
| Drinking Water State Revolving Fund                       | Loan Forgiveness Emerging Contaminants | Current Request | \$2,550,000.00                      | \$0.00                              | \$0.00                     | \$2,550,000.00 | Grant | 0.00  | 0.00          |
| Drinking Water State Revolving Fund                       |                                        | Current Request | \$340,000.00                        | \$0.00                              | \$0.00                     | \$340,000.00   | Loan  | 30.00 | 2.00          |
| Department of Water Resources Cost Share Construction     |                                        | Future Request  | \$390,000.00                        | \$0.00                              | \$0.00                     | \$390,000.00   | Grant | 0.00  | 0.00          |
| Department of Water Resources Cost Share Pre-Construction |                                        | Current Request | \$120,000.00                        | \$0.00                              | \$0.00                     | \$120,000.00   | Grant | 0.00  | 0.00          |
|                                                           |                                        |                 | \$3,400,000.00                      | \$0.00                              | \$0.00                     | \$3,400,000.00 |       |       |               |



**Graphic Scale:**

Attention is Drawn to the Fact That Drawing Scales  
May be Altered During Reproduction Processes.  
Scales Shown Hereon are Based on a Full Scale  
Sheet Size of 8.5" x 11".

Scale: 1" = 1000'

**Legend:**

- City Limit

- Project Area



Grenora Water Treatment  
Improvements Project  
Project Location Map  
Grenora, N.D.

1 OF 1

SCALE (H): 1" = 1000'  
SCALE (V): 1" = XX'  
DRAWN BY: WJM  
DESIGNED BY: WJM  
CHECKED BY: PDS  
DATE: 03/05/2026



1907 17th St SE • Minot, ND 58701  
701.837.8737 • www.ackerman-estvold.com  
Minot, ND | Fargo, ND | Williston, ND | Boise, ID

| NO. | REVISIONS | BY | DATE | APPR. |
|-----|-----------|----|------|-------|
|     |           |    |      |       |
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**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received : July 02, 2026

|            |                                      |
|------------|--------------------------------------|
| Date :     | 4/20/26                              |
| Project :  | Water Treatment Improvements Project |
| Sponsor :  | City of Grenora                      |
| Contact :  | Jamie Bolduc, City Auditor           |
| Phone :    | 000-0000-0000                        |
| Engineer : | Austin Alexander, Ackerman-Estvoid   |
| Phone :    | 701-577-2222                         |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 3,400,000.00 | Total Cost-Share* : | \$ 1,861,200.00 |
| Ineligible Cost : | \$ 298,000.00   | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 3,102,000.00 | Preconstruction :   | \$ 120,000.00   |
| Local Cost :      | \$ 1,538,800.00 | Construction :      | \$ 1,741,200.00 |

Cost Share at 15% after DEQ funding of 75%

|                          |              |
|--------------------------|--------------|
| Project Type:            | Cost-share % |
| Water Supply - Municipal | 60%          |

|                                                                      | Cost Classification  | Quantity | Unit | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|----------------------------------------------------------------------|----------------------|----------|------|------------|-------|--------------|---------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs |                      |          |      |            |       |              |               |
| 1                                                                    |                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 2                                                                    |                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 3                                                                    |                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 4                                                                    |                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
| 5                                                                    |                      | 0        |      | -          | \$ -  | 60%          | \$ -          |
|                                                                      | Other Eligible Total |          |      |            | \$ -  | 60%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |      |                       |   |    |            |               |     |               |
|----------------------------------------------------------------------------|------|-----------------------|---|----|------------|---------------|-----|---------------|
| 6                                                                          | 5.9% | Final Design          | 1 | LS | 200,000.00 | \$ 200,000.00 | 60% | \$ 120,000.00 |
| 7                                                                          | 0.0% |                       |   |    |            | \$ -          | 60% | \$ -          |
| 8                                                                          | 0.0% |                       |   |    |            | \$ -          | 60% | \$ -          |
| 9                                                                          | 0.0% |                       | 0 |    | -          | \$ -          | 60% | \$ -          |
| 10                                                                         | 0.0% |                       | 0 |    | -          | \$ -          | 60% | \$ -          |
|                                                                            | 5.9% | Preconstruction Total |   |    |            | \$ 200,000.00 | 60% | \$ 120,000.00 |

At 15%  
=\$30,000

| Construction Engineering Costs |      |                                |   |    |            |               |     |               |
|--------------------------------|------|--------------------------------|---|----|------------|---------------|-----|---------------|
| 11                             | 1.2% | Construction Contract Mgmt.    | 1 | LS | 40,000.00  | \$ 40,000.00  | 60% | \$ 24,000.00  |
| 12                             | 5.9% | Construction Observation       | 1 | LS | 200,000.00 | \$ 200,000.00 | 60% | \$ 120,000.00 |
| 13                             | 0.0% |                                | 0 |    | -          | \$ -          | 60% | \$ -          |
| 14                             | 0.0% |                                | 0 |    | -          | \$ -          | 60% | \$ -          |
|                                | 7.1% | Construction Engineering Total |   |    |            | \$ 240,000    | 60% | \$ 144,000.00 |

| Construction Costs |       |                                                  |     |    |              |                 |     |                 |
|--------------------|-------|--------------------------------------------------|-----|----|--------------|-----------------|-----|-----------------|
| 15                 | 5.9%  | Mobilization                                     | 1   | LS | 200,000.00   | \$ 200,000.00   | 60% | \$ 120,000.00   |
| 16                 | 0.7%  | Bonding                                          | 1   | LS | 25,000.00    | \$ 25,000.00    | 60% | \$ 15,000.00    |
| 17                 | 0.7%  | Insurance                                        | 1   | LS | 25,000.00    | \$ 25,000.00    | 60% | \$ 15,000.00    |
| 18                 | 50.0% | Water Treatment                                  | 1   | LS | 1,700,000.00 | \$ 1,700,000.00 | 60% | \$ 1,020,000.00 |
| 19                 | 5.1%  | Raw water Main 8in                               | 700 | LF | 250.00       | \$ 175,000.00   | 60% | \$ 105,000.00   |
| 20                 | 0.6%  | Water Distribution Main - Connection             | 100 | LF | 200.00       | \$ 20,000.00    | 60% | \$ 12,000.00    |
| 21                 | 1.5%  | Backwash Storage Tank                            | 1   | LS | 50,000.00    | \$ 50,000.00    | 60% | \$ 30,000.00    |
| 22                 | 0.7%  | Sanitary Sewer Improvements                      | 1   | LS | 25,000.00    | \$ 25,000.00    | 60% | \$ 15,000.00    |
| 23                 | 5.9%  | Site Improvements - Grading, Access, and Parking | 1   | LS | 200,000.00   | \$ 200,000.00   | 60% | \$ 120,000.00   |
| 24                 | 0.0%  |                                                  | 0   |    |              | \$ -            | 60% | \$ -            |
| 25                 | 0.0%  |                                                  | 0   |    |              | \$ -            | 60% | \$ -            |
| 26                 | 0.0%  |                                                  | 0   |    |              | \$ -            | 60% | \$ -            |
| 27                 | 0.0%  |                                                  | 0   |    |              | \$ -            | 60% | \$ -            |
| 28                 | 0.0%  |                                                  | 0   |    |              | \$ -            | 60% | \$ -            |
| 29                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 30                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 31                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 32                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 33                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 34                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 35                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
| 36                 | 0.0%  |                                                  | 0   |    | -            | \$ -            | 60% | \$ -            |
|                    |       | Construction Sub-Total                           |     |    |              | \$ 2,420,000.00 | 60% | \$ 1,452,000.00 |
| 7.1%               |       | Allowable Contingency (10%)                      |     |    |              | \$ 242,000.00   | 60% | \$ 145,200.00   |
| 0.0%               |       | Elective Contingency Reduction                   | 0   |    |              | \$ -            | 60% | \$ -            |
| 78.3%              |       | Construction Total                               |     |    |              | \$ 2,662,000.00 | 60% | \$ 1,597,200.00 |

|                          |                 |     |                 |
|--------------------------|-----------------|-----|-----------------|
| Eligible Preconstruction | \$ 200,000.00   | 60% | \$ 120,000.00   |
| Eligible Construction    | \$ 2,902,000.00 | 60% | \$ 1,741,200.00 |
| Eligible Total           | \$ 3,102,000.00 | 60% | \$ 1,861,200.00 |

|                                  |      |                                  |   |    |            |            |    |      |
|----------------------------------|------|----------------------------------|---|----|------------|------------|----|------|
| Ineligible Preconstruction Costs |      |                                  |   |    |            |            |    |      |
| 37                               | 5.9% | Land                             | 1 | LS | 200,000.00 | \$ 200,000 | 0% | \$ - |
| 38                               | 2.9% | Plat of Subdivision              | 1 | LS | 98,000.00  | \$ 98,000  | 0% | \$ - |
| 39                               | 0.0% |                                  | 0 |    | -          | \$ -       | 0% | \$ - |
| 40                               | 0.0% |                                  | 0 |    | -          | \$ -       | 0% | \$ - |
|                                  | 8.8% | Preconstruction Ineligible Total |   |    |            | \$ 298,000 | 0% | \$ - |

| Ineligible Construction Costs |      |                               |   |  |   |      |    |      |
|-------------------------------|------|-------------------------------|---|--|---|------|----|------|
| 41                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 42                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 43                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
| 44                            | 0.0% |                               | 0 |  | - | \$ - | 0% | \$ - |
|                               | 0.0% | Construction Ineligible Total |   |  |   | \$ - | 0% | \$ - |

|                  |                 |    |      |
|------------------|-----------------|----|------|
| Ineligible Total | \$ 298,000.00   | 0% | \$ - |
| Project Total    | \$ 3,400,000.00 |    |      |

|                                            |                 |     |                 |
|--------------------------------------------|-----------------|-----|-----------------|
| Federal or State Funds That Supplant Costs | \$ -            |     |                 |
| Eligible Cost Total                        | \$ 3,102,000.00 | 60% | \$ 1,861,200.00 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Grenora  
**Project Title:** Water Treatment Improvements  
**Date:** July 7, 2026

### Explanation of Alternatives:

**Do Nothing:** Existing system remains as-is to serve existing and future users. The levels of manganese within the drinking water remains above the NDDEQ recommendation and EPA health advisory levels.

**New Water Treatment Facility w/ Greensand Filtration - Preferred:** A new water treatment facility is constructed on a site the city is in the process of buying from the railroad. The new facility consists of a 16' x 24' masonry structure and includes a greensands filtration system and an automated chemical injection system to address the high levels of manganese in the water and chlorinate water for the entire distribution system.

**Alternative 3 – The existing North well house is expanded to include the proposed water treatment system described above. Additional easement or land acquisition would be needed.**

**Alternative 4 - New Wells in Fox Hills Aquifer:** Two new wells drilled in the Fox Hills Aquifer. There is an existing observation well approximately 4 miles east of Grenora in the Fox Hills aquifer with a depth of approximately 1600 feet (the aquifer is approximately 1300 feet deep). Water levels in the well are typically 70 feet below the surface.

### Inputs:

|                                 |     |                                                    |     |
|---------------------------------|-----|----------------------------------------------------|-----|
| New Connections Served          | 0   | Current CIF Balance                                | N/A |
| Future Connections Served       | 40  | Annual CIF Contribution                            | N/A |
| Current Connections Served      | 164 | Cash Funding Target (Percentage %) New Assets      | N/A |
| Net Connections (New + Current) | 164 | Cash Funding Target (Percentage %) Existing Assets | N/A |
|                                 |     | Annual CIF Contribution suggested for the Project  | N/A |

|                   | Alternative 1 - Do Nothing | Alternative 2 - New Water Treatment Facility w/ Greensand Filtration | Alternative 3 - North Well House Water Treatment Facility | Alternative 4 - New Wells in Fox Hills Aquifer |
|-------------------|----------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|
| Construction Cost | \$0                        | \$3,400,000                                                          | \$3,780,000                                               | \$7,350,000                                    |
| Annual O & M      | \$20,000                   | \$25,000                                                             | \$25,000                                                  | \$30,000                                       |

### Details:

Regionalization was considered to connect the City of Grenora to the Northwest Rural Water District (NWRWD). However, the existing rural water lines near the City are 6-inch and do not have the capacity to meet the City's needs. To meet the City's needs, 20 miles of a new 8-inch water transmission line would need to be constructed and connected to the NWRWD system at a point where capacity is available.

### LCCA Model Results:

Scenario Analysis - Present Value Life Cycle Cost Summary

|                                               | Alternative 1 - Do Nothing | Alternative 2 - New Water Treatment Facility w/ Greensand Filtration | Alternative 3 - North Well House Water Treatment Facility | Alternative 4 - New Wells in Fox Hills Aquifer |
|-----------------------------------------------|----------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------|
| Present Value                                 |                            |                                                                      |                                                           |                                                |
| Capital Costs                                 | \$0                        | \$3,400,000                                                          | \$3,780,000                                               | \$7,350,000                                    |
| O&M                                           | \$508,000                  | \$609,000                                                            | \$609,000                                                 | \$727,000                                      |
| Repair, Rehab, Replacement                    | \$17,000                   | \$1,106,000                                                          | \$1,463,000                                               | \$1,381,000                                    |
| Salvage Value                                 | \$2,000                    | \$186,000                                                            | \$218,000                                                 | \$217,000                                      |
| <b>Total PVC</b>                              | <b>\$523,000</b>           | <b>\$4,929,000</b>                                                   | <b>\$5,634,000</b>                                        | <b>\$9,241,000</b>                             |
| <b>PV Cost Per User</b>                       | <b>\$3,189</b>             | <b>\$30,055</b>                                                      | <b>\$34,354</b>                                           | <b>\$56,348</b>                                |
| Construction Cost per User                    | \$0                        | \$20,732                                                             | \$23,049                                                  | \$44,817                                       |
| <b>Current Water Rate (Cost Per 5000g)</b>    | <b>\$39</b>                |                                                                      |                                                           |                                                |
| <b>Comparable Water Rate</b>                  | <b>\$65</b>                |                                                                      |                                                           |                                                |
| Net Connections (New + Current)               | 164                        | 164                                                                  | 164                                                       | 164                                            |
| Cost-Share Percent                            | 60%                        | 60%                                                                  | 60%                                                       | 60%                                            |
| Adjusted Cost Share Percent after DEQ Funding |                            | 15%                                                                  |                                                           |                                                |
| Local Share                                   | \$0                        | \$340,000                                                            | \$1,512,000                                               | \$2,940,000                                    |
| Other Funding                                 | \$0                        | \$2,550,000                                                          | \$0                                                       | \$0                                            |
| Total Local                                   | \$0                        | \$340,000                                                            | \$1,512,000                                               | \$2,940,000                                    |
| <b>Payment Per User With Cost-Share</b>       | <b>\$0.00</b>              | <b>\$10.49</b>                                                       | <b>\$46.64</b>                                            | <b>\$90.69</b>                                 |
| Local Share                                   | \$0                        | \$850,000                                                            | \$3,780,000                                               | \$7,350,000                                    |
| Other Funding                                 | \$0                        | \$2,550,000                                                          | \$0                                                       | \$0                                            |
| Total Local                                   | \$0                        | \$850,000                                                            | \$3,780,000                                               | \$7,350,000                                    |
| <b>Payment Per User Without Cost-Share</b>    | <b>\$0.00</b>              | <b>\$26.22</b>                                                       | <b>\$116.60</b>                                           | <b>\$226.72</b>                                |

### Explanation of Results:

The preferred alternative constructs a new water treatment facility and addresses concerns of high manganese levels. Present value cost per user is \$30,055 and construction cost per user is \$20,732. DEQ funding is approved at \$2,550,000. Monthly payment per user is \$10.49 with DWR Cost-Share participation and \$26.22 without DWR participation.

|                      | Year      | Annual Population Growth Rate | Average Annual Population Increase/Decrease |
|----------------------|-----------|-------------------------------|---------------------------------------------|
| ND Dept. of Commerce | 2020 2024 |                               |                                             |
| Population & Trends  | 218 220   | 0.2%                          | 1                                           |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



PO Box 296  
Grenora ND 58845  
(701) 694-3391  
[auditor@cityofgrenora.com](mailto:auditor@cityofgrenora.com)

April 22, 2026

Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505

RE: Water Treatment Improvements Project  
City of Grenora, ND

The City of Grenora is located in the NW corner of Williams County along ND Highway 50 approximately 5 miles from the Montana border with a population of 323 (2023 census data). The City owns and operates its municipal water system which is supplied by 2 municipal wells located approximately 1/4 mile south of the City along County Road 5. Due to elevated levels of manganese in the source water, the City is proposing to build a treatment facility to reduce the manganese levels to below the EPA secondary standards.

The project has recently completed the planning phase and will be moving into final design. The City of Grenora is requesting 60% pre-construction cost share assistance from the North Dakota Department of Water Resources for construction of the municipal water supply project.

Grenora has contracted with Ackerman-Estvold Engineering for consulting services related to planning, design, and project administration. Ackerman-Estvold is also assisting with preparing and submitting the cost share application. Please feel free to contact me or the project engineer, Austin Alexander with any questions.

Respectfully,

A handwritten signature in black ink, appearing to read "Brett Wilkins", is written over a horizontal line.

Brett Wilkins  
Mayor  
City of Grenora



PO Box 296  
Grenora ND 58845  
(701) 694-3391  
[auditor@cityofgrenora.com](mailto:auditor@cityofgrenora.com)

Special meeting of the Grenora City Council was held on Thursday June 25, 2026

Mayor; Brett Wilkins

Council; Blake Lampert, Jim Miller, Royce Crone, Doug Carr

Also present, Jamie Bolduc, Jeremy Wright

Absent:

Public Present: Gene & Tabitha Parpart, Danita Bloom, Pauline Kilbride, Randy Muse, David Pittenger, Josh East, Jen McNamara.

Mayor Brett Wilkins called the meeting to order at 6:00 p.m.

Pledge of Allegiance-NDCC 40-06-02

Motion to approve the Agenda by Doug Carr, 2<sup>nd</sup> by Royce Crone. Roll call vote Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Public Comment:

Danita Bloom addressed the council: "Before anything proceeds, I want to go on formal record in the minutes. A draw of the hat or pick & pull out of a hat, is used in scenarios that require purely random, unbiased selection. Highly effective for awarding prizes, selecting competition winners, assigning random items, allocating Secret Santa recipients. This method is effective if there is a TRUE TIE. In this case I feel this is not a true tie when I was denied my right to vote. If I was the only one to receive the wrong ballot, my vote would have made a difference in this situation and there would be a FAIR result rather than a 50/50 chance that the results will reflect what my chois is. I ask that I get a chance to submit my vote to break this tie and make this an election that reflects what the people voted for rather than a chance a lottery. My request again is that this statement is part of today's minutes and council is supplied with a copy of my written statement." Copies were supplied to all members of the Council.

Motion to move forward with the land survey with Ackerman Estvold for the water treatment plant and the survey required for the PSA with RR property by Blake Lampert, 2<sup>nd</sup> by Jim Miller. Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Motion to move forward with the cost share application for DWR funding by Royce Crone, 2<sup>nd</sup> by Jim Miller. Roll call vote, Doug Carr-Y, Royce Crone-Y, Jim Miller-Y, Blake Lampert-Y. Motion carried.

Discussion was had regarding the Election Audit findings by the Williams County Canvassing Board for the June 2026 Election results. The mayor race resulted in a Tie. Discussion only, no action taken.

Mayor Candidates Name Draw Tie breaker: Both Mayor Candidates David Pittenger and Blake Lampert were each given 5 index cards. The Candidates then wrote their own names on their 5 cards and folded in half and placed them in the basket. The basket was shaken multiple times, and the City Auditor drew a name. Dave Pittenger's name was drawn as the winning tie breaker.

David Pittenger addressed the City Council after the name draw and rescinded his name from the mayor position. David will file a written statement with the filing clerk of the City of Grenora. The City Auditor will work with the City Attorney to determine the appropriate actions moving forward.

### **Adjournment**

Mayor Brett Wilkins called the meeting adjourned at 6:39 p.m.

---

Brett Wilkins  
Mayor

---

Jamie Bolduc  
City Auditor



1087322 - Steele Water Main Replacement - Phase 1

Application Details

|                                                      |                                |                      |
|------------------------------------------------------|--------------------------------|----------------------|
| <b>Funding Opportunity:</b>                          | <b>Initial Submit Date:</b>    | Feb 23, 2026 6:34 PM |
| 1085949-July 2025 - June 2026 Infrastructure Request | <b>Initially Submitted By:</b> | April Rutledge       |
| <b>Funding Opportunity Due Date:</b>                 | <b>Last Submit Date:</b>       |                      |
| Jun 30, 2026 3:00 PM                                 | <b>Last Submitted By:</b>      |                      |
| <b>Program Area:</b>                                 |                                |                      |
| Funding for Infrastructure in ND - FIND              |                                |                      |
| <b>Status:</b>                                       |                                | Submitted            |
| <b>Stage:</b>                                        |                                | Final Application    |

Contact Information

Primary Contact Information

|                                         |                                     |
|-----------------------------------------|-------------------------------------|
| <b>Active User*:</b>                    | Yes                                 |
| <b>Type:</b>                            | External User                       |
| <b>Name:</b>                            | Salutation    Melissa<br>First Name |
| Middle Name                             | Rotzien                             |
| Last Name                               |                                     |
| <b>Title:</b>                           |                                     |
| <b>Email*:</b>                          |                                     |
| melissa.rotzien@mooreengineeringinc.com |                                     |
| <b>Address*:</b>                        |                                     |
| 4503 Coleman Street, Suite 105          |                                     |

Organization Information

|                              |                      |
|------------------------------|----------------------|
| <b>Status*:</b>              | Approved             |
| <b>Name*:</b>                | City of Steele       |
| <b>Organization Type*:</b>   | Municipal Government |
| <b>Tax Id:</b>               |                      |
| <b>Organization Website:</b> |                      |
| <b>Address*:</b>             | PO Box 346           |

|                  |              |                |                     |                   |
|------------------|--------------|----------------|---------------------|-------------------|
|                  | Bismarck     | North Dakota   | 58482-_____         |                   |
|                  | City         | State/Province | Postal Code/Zip     |                   |
| 58503            |              |                |                     |                   |
| Postal Code/Zip  |              |                |                     |                   |
| <b>Phone*:</b>   | 701-751-8374 | Ext.           | <b>Phone*:</b>      | 701-475-2805 Ext. |
|                  | Phone        |                |                     | ###-###-####      |
|                  | ###-###-#### |                |                     |                   |
| <b>Fax:</b>      |              |                | <b>Fax:</b>         | ###-###-####      |
|                  | ###-###-#### |                |                     |                   |
| <b>Comments:</b> |              |                | <b>Vendor ID:</b>   |                   |
|                  |              |                | <b>PeopleSoft</b>   |                   |
|                  |              |                | <b>Supplier ID:</b> |                   |
|                  |              |                | <b>Comments:</b>    |                   |
|                  |              |                | <b>Location</b>     |                   |
|                  |              |                | <b>Code:</b>        |                   |

# Infrastructure Funding Request

## Infrastructure Funding Request

|                                                                                                                  |                                  |
|------------------------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Project Name*:</b>                                                                                            | Water Main Replacement - Phase 1 |
| <b>Sponsor(s)*:</b>                                                                                              | City of Steele                   |
| <b>County*:</b>                                                                                                  | Kidder                           |
| <b>City*:</b>                                                                                                    | Steele                           |
| <b>Description of Request*:</b>                                                                                  | New                              |
| <b>Project Type:</b>                                                                                             | Municipal Water Supply           |
| <b>If Project is a Study, What Type?:</b>                                                                        |                                  |
| <b>If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:</b> | City of Steele                   |
| <b>Jurisdictions/Stakeholders Involved*:</b>                                                                     |                                  |
| City of Steele                                                                                                   |                                  |

**Describe the Problem/Need  
and the Circumstances that  
Led to This Application\*:**

The City has existing Cast Iron Pipe (CIP) watermain, originally installed in the 1940's. The CIP watermain is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years.

**Describe the Proposed or  
Chosen Solution(s) to  
Address the Problem/Need\*:**

The proposed project will replace the existing watermain through pipe bursting, a trenchless construction method. Directional drilling will be used for interconnection of watermain network. Additionally, new curb stops, service connections, gate valves, and hydrant connections will be installed using open cut excavation.

**Describe the Objectives or  
Goals Specific to This  
Application\*:**

The objective is to obtain DWR preconstruction cost-share and DWSRF loan application.

**Describe the Scope of Work  
or Project Activities Specific  
to This Application\*:**

The project scope specific to this application includes preliminary and final design engineering, bidding and negotiation, and permitting services.

**For this project,**

**Choose City, County, Water  
District or Other\*:** City

**What is the Current  
Estimated Population\*:** 660

**For this project,**

**What is the Benefited  
Population\*:** 660

**Have Assessment Districts  
Been Formed\*:** Ongoing

**Have Land or Easements  
Been Acquired\*:** N/A

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***

No

**Are There Any Road Improvements Included as Part of the Project?\***

No

**Have You Applied For Any Federal Permits?\***

N/A

**Have You Applied for any State Permits?\***

N/A

**Have You Applied for any Local Permits?\***

Ongoing

**If Yes or Ongoing, Please Explain (include type/number):**

BNSF Railway permitting is in process.

**Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?\***

No

**Have You Received, or Do You Anticipate Receiving Federal Funding?**

No

(Example: Hazard Mitigation Grant Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 04/2026

**Design Completion\*:** 07/2026

**Bid\*:** 08/2026

**Construction Start\*:** 05/2027

**Construction Completion\*:** 10/2027

**Explain Additional Timeline Issues\*:**  
N/A

**Consulting Engineer\*:** AJ Tuck, PE, Moore Engineering

**Engineer Direct Phone Number\*:** 701-751-8371

**Engineer Email\*:** aj.tuck@mooreengineeringinc.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

**Authorized Individual\*:** April Rutledge 02/23/2026  
First Name Last Name Date

**Title/Position/Authority\*:** Auditor

**Address\*:** PO Box 346  
Address Line 1  
Address Line 2



|                                                                                                                                 |                                         |              |            |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------|------------|
|                                                                                                                                 | Steele                                  | North Dakota | 58482-0251 |
|                                                                                                                                 | City                                    | State        | Zip Code   |
| <b>Direct Phone Number*:</b>                                                                                                    | 701-475-2805                            |              |            |
| <b>Sponsor Email*:</b>                                                                                                          | cityofsteele@bektel.com                 |              |            |
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b>                                                               | Yes                                     |              |            |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Jonathan Harter<br>First Name Last Name |              |            |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Mayor                                   |              |            |
| <b>Authorized Signor Email:</b>                                                                                                 | cityofsteele@bektel.com                 |              |            |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-400-3462                            |              |            |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | First Name Last Name                    |              |            |
| <b>Additional Board Member Title/Position:</b>                                                                                  |                                         |              |            |
| <b>Additional Board Member Email:</b>                                                                                           |                                         |              |            |
| <b>Additional Board Member Direct Phone Number:</b>                                                                             |                                         |              |            |

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

31234\_Steele\_Exhibit\_Phase1\_DWR\_20260223.pdf

Must Include Project Location in  
State Using an Inset Map and  
Distance/Direction to Nearest  
Community

\*:

**Are You Seeking Funding  
From the State Revolving  
Fund or BND Infrastructure  
Revolving Loan Fund?\***

Yes

**Engineer's Estimate of  
Probable Cost**

31234\_EPOC\_20260220\_CostShareSummary\_20260220.pdf

Separate Project Components by  
Type (Storm Sewer, Sanitary  
Sewer and Associated Roads,  
Drinking Water and Associated  
Roads, and Roads)

:

**Are You Seeking Department  
of Water Resources Cost-  
Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is  
Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager,  
Executive Director, Etc.).

**Minutes:**

31234\_Steele\_PhaseIWatermain\_MeetingMinutes.pdf

**Cover Letter:**

31234\_Steele\_CoverLetter\_Signed.pdf

**Are You Seeking Cost-Share  
for a Main Street Initiative  
Related Project?:**

No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN  
61801:**

31234\_Steele\_Delineation\_20260220.xlsx

**Type of Request:**

Preconstruction

**Is This a Water Supply  
Project?:**

Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:**

31234\_Steele\_LCCA\_20260223.xlsx

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No

**If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:** No

**Sovereign Land Permit, if Required for Construction Request:**

**DWR Construction Permit, if Required for Construction Request:**

**Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:**

**Has a Feasibility/Engineering Study Been Completed for the Project?:** Yes

**Feasibility/Engineering Study Material:** 31234\_FacilityPlan\_Report\_20260220.pdf

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**

## Sources

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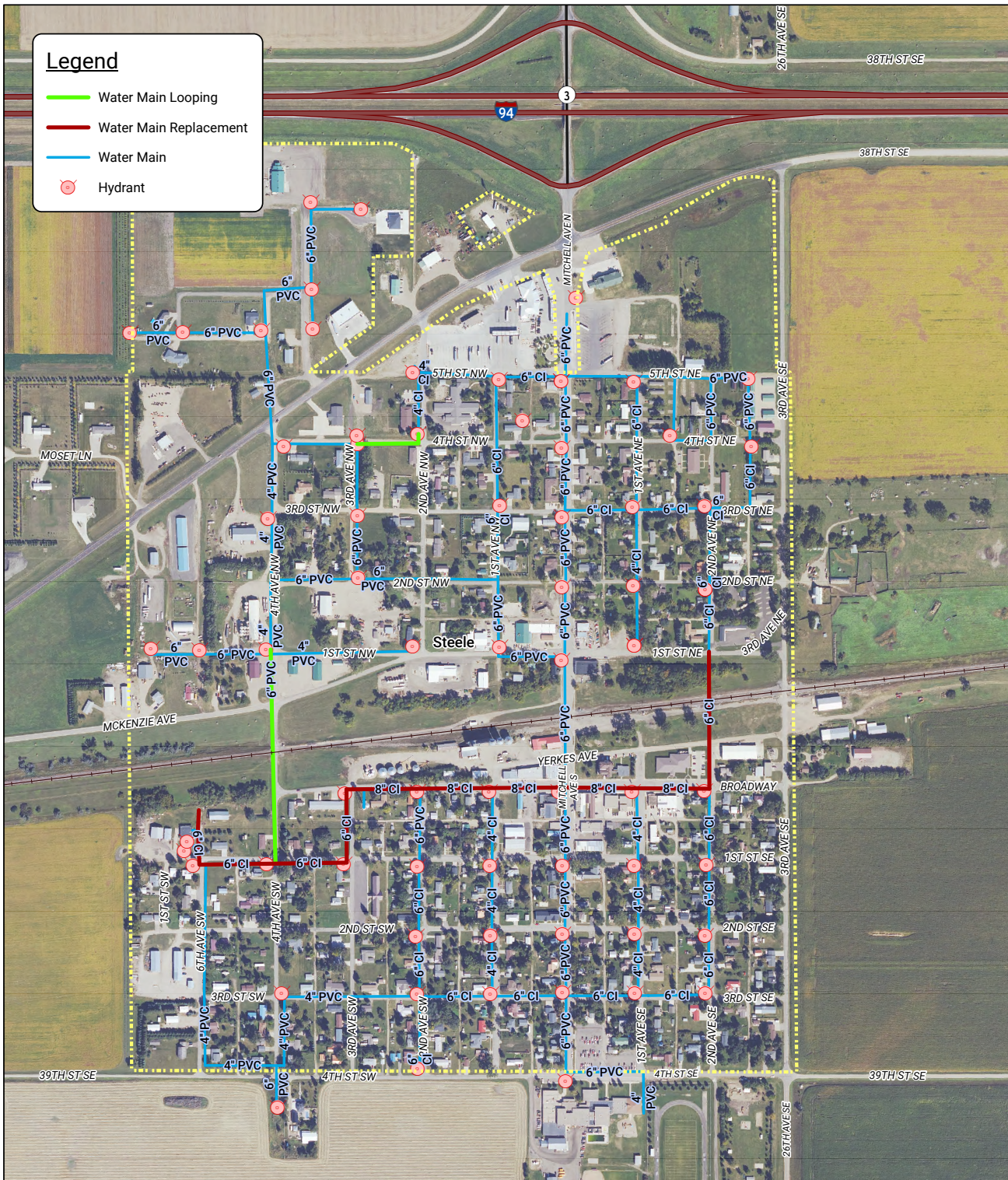
**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

| Source                                                    | If Other, Specify Source | Status          | State Fiscal Year 1 | State Fiscal Year 2   | Beyond Current Biennium | Total Cost            | Type  | Term  | Interest Rate |
|-----------------------------------------------------------|--------------------------|-----------------|---------------------|-----------------------|-------------------------|-----------------------|-------|-------|---------------|
|                                                           |                          |                 | July to June        | July to June          |                         |                       |       |       |               |
| Drinking Water State Revolving Fund                       |                          | Current Request | \$0.00              | \$500,000.00          | \$956,000.00            | \$1,456,000.00        | Loan  | 30.00 | 2.00          |
| Department of Water Resources Cost Share Pre-Construction |                          | Current Request | \$0.00              | \$124,200.00          | \$0.00                  | \$124,200.00          | Grant | 0.00  | 0.00          |
| Department of Water Resources Cost Share Construction     |                          | Future Request  | \$0.00              | \$500,000.00          | \$1,458,955.00          | \$1,958,955.00        | Grant | 0.00  | 0.00          |
|                                                           |                          |                 | <b>\$0.00</b>       | <b>\$1,124,200.00</b> | <b>\$2,414,955.00</b>   | <b>\$3,539,155.00</b> |       |       |               |



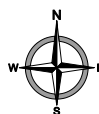
## Legend

- Water Main Looping
- Water Main Replacement
- Water Main
- Hydrant



## WATER SYSTEM REPLACEMENT STEELE, NORTH DAKOTA

Created By: BAS Date Created: 02/18/25 Date Saved: 02/20/25 Project Number: 31234 Map Name: Map  
Exported By: brook smith Date Exported: 02/20/25 Parcels: N/A Aerial Image: 2024 NADP S025  
Elevation Data: Coordinate System: NAD 1983 StatePlane North Dakota South FIPS 3202 Feet Vertical Datum: NAVD1988  
Q:\Projects\31234\31234 Steele\WaterMain\Phase1\IGS\4PDX\Steele Water Main Replacement\Steele Water Main Replacement.aprx



0 150 300 600  
Feet







**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

DWR Date Received : February 23, 2026

|            |                                      |
|------------|--------------------------------------|
| Date :     | 2/20/26                              |
| Project :  | Water Main Replacement - Phase 1     |
| Sponsor :  | City of Steele                       |
| Contact :  | April Rutledge, Auditor              |
| Phone :    | (701) 475-2805                       |
| Engineer : | AJ Tuck, PE, Moore Engineering, Inc. |
| Phone :    | (701) 751-8371                       |

|                   |                 |                     |                 |
|-------------------|-----------------|---------------------|-----------------|
| Total Cost :      | \$ 3,539,155.00 | Total Cost-Share* : | \$ 2,083,155.00 |
| Ineligible Cost : | \$ 67,230.00    | Other Eligible :    | \$ -            |
| Eligible Cost :   | \$ 3,471,925.00 | Preconstruction :   | \$ 124,200.00   |
| Local Cost :      | \$ 1,456,000.00 | Construction :      | \$ 1,958,955.00 |

|                          |              |
|--------------------------|--------------|
| Project Type:            | Cost-share % |
| Water Supply - Municipal | 60%          |

| Item                                                                              | % of Cost | Cost Classification                         | Quantity | Unit  | Unit Price | Total           | Cost-Share % | Cost-Share \$   |
|-----------------------------------------------------------------------------------|-----------|---------------------------------------------|----------|-------|------------|-----------------|--------------|-----------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>       |           |                                             |          |       |            |                 |              |                 |
| 1                                                                                 | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
| 2                                                                                 | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
| 3                                                                                 | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
| 4                                                                                 | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
| 5                                                                                 | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
|                                                                                   | 0.0%      | Other Eligible Total                        |          |       |            | \$ -            | 60%          | \$ -            |
| <b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b> |           |                                             |          |       |            |                 |              |                 |
| 6                                                                                 | 0.8%      | Preliminary Design                          | 1        | L SUM | 30,000.00  | \$ 30,000.00    | 60%          | \$ 18,000.00    |
| 7                                                                                 | 4.2%      | Final Design                                | 1        | L SUM | 150,000.00 | \$ 150,000.00   | 60%          | \$ 90,000.00    |
| 8                                                                                 | 0.4%      | Bidding/Negotiations                        | 1        | L SUM | 15,000.00  | \$ 15,000.00    | 60%          | \$ 9,000.00     |
| 9                                                                                 | 0.3%      | Permit Related                              | 1        | L SUM | 12,000.00  | \$ 12,000.00    | 60%          | \$ 7,200.00     |
| 10                                                                                | 0.0%      |                                             |          |       | -          | \$ -            | 60%          | \$ -            |
|                                                                                   | 5.8%      | Preconstruction Total                       |          |       |            | \$ 207,000.00   | 60%          | \$ 124,200.00   |
| <b>Construction Engineering Costs</b>                                             |           |                                             |          |       |            |                 |              |                 |
| 11                                                                                | 5.7%      | Construction Engineering                    | 1        | L SUM | 200,000.00 | \$ 200,000.00   | 60%          | \$ 120,000.00   |
| 12                                                                                | 0.1%      | DWR Reimbursement Assistance                | 1        | L SUM | 5,000.00   | \$ 5,000.00     | 60%          | \$ 3,000.00     |
| 13                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 60%          | \$ -            |
| 14                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 60%          | \$ -            |
| 15                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 60%          | \$ -            |
| 16                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 17                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
|                                                                                   | 5.8%      | Construction Engineering Total              |          |       |            | \$ 205,000.00   | 60%          | \$ 123,000.00   |
| <b>Construction Costs</b>                                                         |           |                                             |          |       |            |                 |              |                 |
| 18                                                                                | 1.1%      | Testing Allowance                           | 1        | LSUM  | 40,000.00  | \$ 40,000.00    | 60%          | \$ 24,000.00    |
| 19                                                                                | 0.7%      | Traffic Control                             | 1        | LSUM  | 25,000.00  | \$ 25,000.00    | 60%          | \$ 15,000.00    |
| 20                                                                                | 7.1%      | Mobilization                                | 1        | LSUM  | 250,000.00 | \$ 250,000.00   | 60%          | \$ 150,000.00   |
| 21                                                                                | 0.6%      | Storm Water Management                      | 1        | LSUM  | 20,000.00  | \$ 20,000.00    | 60%          | \$ 12,000.00    |
| 22                                                                                | 2.8%      | Surface Removal                             | 1        | LSUM  | 100,000.00 | \$ 100,000.00   | 60%          | \$ 60,000.00    |
| 23                                                                                | 16.8%     | Pipe Bursting - 8" Watermain                | 3500     | LF    | 170.00     | \$ 595,000.00   | 60%          | \$ 357,000.00   |
| 24                                                                                | 9.5%      | Directional Drill - 8" Watermain            | 2100     | LF    | 160.00     | \$ 336,000.00   | 60%          | \$ 201,600.00   |
| 25                                                                                | 1.6%      | Watermain - 6"                              | 450      | LF    | 125.00     | \$ 56,250.00    | 60%          | \$ 33,750.00    |
| 26                                                                                | 0.6%      | Watermain - 8"                              | 150      | LF    | 145.00     | \$ 21,750.00    | 60%          | \$ 13,050.00    |
| 27                                                                                | 7.9%      | Casing Pipe - 14"                           | 400      | LF    | 700.00     | \$ 280,000.00   | 60%          | \$ 168,000.00   |
| 28                                                                                | 0.2%      | Connect to Water Tower                      | 1        | EA    | 6,000.00   | \$ 6,000.00     | 60%          | \$ 3,600.00     |
| 29                                                                                | 1.4%      | Connect to Existing Watermain               | 12       | EA    | 4,000.00   | \$ 48,000.00    | 60%          | \$ 28,800.00    |
| 30                                                                                | 3.6%      | Hydrant - 6"                                | 12       | EA    | 10,500.00  | \$ 126,000.00   | 60%          | \$ 75,600.00    |
| 31                                                                                | 4.2%      | Gate Valve - 8"                             | 25       | EA    | 6,000.00   | \$ 150,000.00   | 60%          | \$ 90,000.00    |
| 32                                                                                | 1.5%      | Gate Valve - 6"                             | 12       | EA    | 4,500.00   | \$ 54,000.00    | 60%          | \$ 32,400.00    |
| 33                                                                                | 2.2%      | Curb Stop & Box - 1"                        | 45       | EA    | 1,750.00   | \$ 78,750.00    | 60%          | \$ 47,250.00    |
| 34                                                                                | 4.2%      | Directional Drill - Water Service Pipe - 1" | 2000     | LF    | 75.00      | \$ 150,000.00   | 60%          | \$ 90,000.00    |
| 35                                                                                | 1.3%      | Water Service Connection - 1"               | 45       | EA    | 1,000.00   | \$ 45,000.00    | 60%          | \$ 27,000.00    |
| 36                                                                                | 0.0%      | Television Inspection of Sewer Main         | 0        | LF    | 5.00       | \$ -            | 60%          | \$ -            |
| 37                                                                                | 0.0%      | Television Inspection of Sewer Service      | 0        | EA    | 500.00     | \$ -            | 60%          | \$ -            |
| 38                                                                                | 0.0%      | Sanitary Sewer Spot Repair                  | 0        | EA    | 3,000.00   | \$ -            | 60%          | \$ -            |
| 39                                                                                | 11.3%     | Surface Restoration                         | 1        | LSUM  | 400,000.00 | \$ 400,000.00   | 60%          | \$ 240,000.00   |
| 40                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 41                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 42                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 43                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 44                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 45                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
| 46                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 60%          | \$ -            |
|                                                                                   | 7.9%      | Construction Sub-Total                      |          |       |            | \$ 2,781,750.00 | 60%          | \$ 1,669,050.00 |
|                                                                                   | 0.0%      | Allowable Contingency (10%)                 |          |       |            | \$ 278,175.00   | 60%          | \$ 166,905.00   |
|                                                                                   | 0.0%      | Elective Contingency Reduction              | 0        |       |            | \$ -            | 60%          | \$ -            |
|                                                                                   | 86.5%     | Construction Total                          |          |       |            | \$ 3,059,925.00 | 60%          | \$ 1,835,955.00 |
| <b>Eligible Preconstruction</b>                                                   |           |                                             |          |       |            |                 |              |                 |
|                                                                                   |           | Eligible Preconstruction                    |          |       |            | \$ 207,000.00   | 60%          | \$ 124,200.00   |
|                                                                                   |           | Eligible Construction                       |          |       |            | \$ 3,264,925.00 | 60%          | \$ 1,958,955.00 |
|                                                                                   |           | Eligible Total                              |          |       |            | \$ 3,471,925.00 | 60%          | \$ 2,083,155.00 |
| <b>Ineligible Preconstruction Costs</b>                                           |           |                                             |          |       |            |                 |              |                 |
| 47                                                                                | 0.2%      | Permit Related                              | 1        | L SUM | 8,000.00   | \$ 8,000.00     | 0%           | \$ -            |
| 48                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 0%           | \$ -            |
| 49                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 0%           | \$ -            |
| 50                                                                                | 0.0%      |                                             | 1        | L SUM |            | \$ -            | 0%           | \$ -            |
| 51                                                                                | 0.0%      |                                             | 0        |       |            | \$ -            | 0%           | \$ -            |
|                                                                                   | 0.2%      | Preconstruction Ineligible Total            |          |       |            | \$ 8,000.00     | 0%           | \$ -            |
| <b>Ineligible Construction Costs</b>                                              |           |                                             |          |       |            |                 |              |                 |
| 52                                                                                | 0.4%      | Bonding, Legal, Advertisement               | 1        | L SUM | 15,000.00  | \$ 15,000.00    | 0%           | \$ -            |
| 53                                                                                | 1.1%      | Other Constr. (Not Water Related)           | 1        | L SUM | 40,000.00  | \$ 40,000.00    | 0%           | \$ -            |
| 54                                                                                | 0.1%      | Ineligible Contingencies                    | 1        | L SUM | 4,000.00   | \$ 4,000.00     | 0%           | \$ -            |
| 55                                                                                | 0.0%      | DWSRF Loan Rounding                         | 1        | L SUM | 230.00     | \$ 230.00       | 0%           | \$ -            |
| 56                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 0%           | \$ -            |
| 57                                                                                | 0.0%      |                                             |          |       |            | \$ -            | 0%           | \$ -            |
|                                                                                   | 1.7%      | Construction Ineligible Total               |          |       |            | \$ 59,230.00    | 0%           | \$ -            |
| <b>Ineligible Total</b>                                                           |           |                                             |          |       |            |                 |              |                 |
|                                                                                   |           | Ineligible Total                            |          |       |            | \$ 67,230.00    | 0%           | \$ -            |
| 100.0%                                                                            |           | Project Total                               |          |       |            | \$ 3,539,155.00 |              |                 |
| <b>Federal or State Funds That Supplant Costs</b>                                 |           |                                             |          |       |            |                 |              |                 |
|                                                                                   |           | Federal or State Funds That Supplant Costs  |          |       |            | \$ -            |              |                 |
|                                                                                   |           | Eligible Cost Total                         |          |       |            | \$ 3,471,925.00 | 60%          | \$ 2,083,155.00 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:**  
**Project Title:**

City of Steele  
Water Main Replacement - Phase 1

**Date:**

March 2, 2026

### Explanation of Alternatives:

- Water Main Replacement Trenchless - **Preferred** Alternative: Replace and install water main infrastructure using trenchless construction methods. Pipe bursting used to replace existing cast-iron water main and directional drilling used to install the new water main and services. Hydrants, valves, curb stops, and service connections require excavation method for replacement.
- Water Main Replacement Excavation – Alternative 2: Replace and install water main, valves, hydrants and service connections using open cut excavation method. This method allows a more homogenous compaction but requires a larger surface restoration. Not recommended by sponsor.
- “Do-Nothing” Alternative: Maintain the aging watermain, service pipes, valves, and hydrants in as-is condition with no improvements and address infrastructure failures as they occur.

### Inputs:

|                                 |     |
|---------------------------------|-----|
| New Connections Served          | 0   |
| Future Connections Served       | 0   |
| Current Connections Served      | 350 |
| Net Connections (New + Current) | 350 |

|                                                    |    |
|----------------------------------------------------|----|
| Current CIF Balance                                | NA |
| Annual CIF Contribution                            | NA |
| Cash Funding Target (Percentage %) New Assets      | NA |
| Cash Funding Target (Percentage %) Existing Assets | NA |
| Annual CIF Contribution suggested for the Project  | NA |

|                   | Water Main Replacement - Phase 1 - Trenchless (Preferred) | Water Main Replacement - Phase 1 - Excavation | Do Nothing |
|-------------------|-----------------------------------------------------------|-----------------------------------------------|------------|
| Construction Cost | \$3,539,155                                               | \$4,098,293                                   | \$0        |
| Annual O & M      | \$20,000                                                  | \$20,000                                      | \$20,000   |

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

| Present Value                     | Water Main Replacement - Phase 1 - Trenchless (Preferred) | Water Main Replacement - Phase 1 - Excavation | Do Nothing       |
|-----------------------------------|-----------------------------------------------------------|-----------------------------------------------|------------------|
| Capital Costs                     | \$3,539,000                                               | \$4,098,000                                   | \$0              |
| O&M                               | \$488,000                                                 | \$488,000                                     | \$508,000        |
| Repair, Rehab, Replacement        | \$191,000                                                 | \$0                                           | \$0              |
| Salvage Value                     | \$46,000                                                  | \$0                                           | \$0              |
| <b>Total PVC</b>                  | <b>\$4,172,000</b>                                        | <b>\$4,586,000</b>                            | <b>\$508,000</b> |
| <b>PV Cost Per User</b>           | <b>\$11,920</b>                                           | <b>\$13,103</b>                               | <b>\$1,451</b>   |
| <b>Construction Cost Per User</b> | <b>\$10,112</b>                                           | <b>\$11,709</b>                               |                  |

|                                            |                |                |               |               |
|--------------------------------------------|----------------|----------------|---------------|---------------|
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$52</b>    |                |               |               |
| <b>Comparable Water Rate</b>               | <b>\$61</b>    |                |               |               |
| Net Connections (New + Current)            | 350            | 350            | 350           | 350           |
| Cost-Share Percent                         | 60%            | 60%            | 60%           | 60%           |
| Local Share                                | \$1,415,600    | \$1,639,200    | \$0           | \$0           |
| Other Funding                              | \$0            | \$0            | \$0           | \$0           |
| Total Local                                | \$1,415,600    | \$1,639,200    | \$0           | \$0           |
| <b>Payment Per User With Cost-Share</b>    | <b>\$20.46</b> | <b>\$23.69</b> | <b>\$0.00</b> | <b>\$0.00</b> |
| Local Share                                | \$3,539,000    | \$4,098,000    | \$0           | \$0           |
| Other Funding                              | \$0            | \$0            | \$0           | \$0           |
| Total Local                                | \$3,539,000    | \$4,098,000    | \$0           | \$0           |
| <b>Payment Per User Without Cost-Share</b> | <b>\$51.15</b> | <b>\$59.23</b> | <b>\$0.00</b> | <b>\$0.00</b> |

### Explanation of Results:

The preferred project replaces and installs water main infrastructure using trenchless construction methods. Total present value cost is \$4,172,000 and total construction cost is \$3,539,155. Present value cost per user is \$11,920 and construction cost per user is \$10,112. The monthly cost with 60% DWR cost-share participation is \$20.46 per user and \$51.15 per user without DWR participation.

|                      | Year |      | Annual Population Growth Rate | Average Annual Population Increase/Decrease |
|----------------------|------|------|-------------------------------|---------------------------------------------|
| ND Dept. of Commerce | 2010 | 2024 |                               |                                             |
| Population & Trends  | 715  | 655  | -0.6%                         | -4                                          |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.

LCCA Version

Version 1.2024.04.18

**City of Steele  
PO Box 346  
Steele, ND 58482**

February 20, 2026

Lori Noack  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505-0850

RE: Water Main Replacement – Phase 1  
Steele, ND  
DWR Preconstruction Cost-Share Request

Dear Lori:

The City of Steele has initiated a project to replace existing Cast Iron Pipe (CIP) watermain, originally installed in the 1940's. The CIP watermain is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years. The proposed project will replace the existing watermain through pipe bursting, a trenchless construction method. Directional drilling will be used for interconnection of watermain network. Additionally, new curb stops, service connections, gate valves, and hydrant connections will be installed using open cut excavation.

The City has contracted with Moore Engineering, Inc. to perform design and preconstruction engineering services. The City respectfully requests 60 percent cost share for preconstruction activities, which include preliminary and final design, bidding/negotiation. The remaining project costs will be funded through a DWSRF loan.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water for its residents and visitors. If you have any questions, please contact me at (701) 475-2805 or the City's engineer, AJ Tuck, at [aj.tuck@mooreengineeringinc.com](mailto:aj.tuck@mooreengineeringinc.com) or (701) 751-8371.

Sincerely,

CITY OF STEELE, NORTH DAKOTA



April Rutledge  
City Auditor

February 2026 City Council Meeting  
Minutes of the City Council of Steele, North Dakota  
Held on February 9, 2026  
In the Steele Community Building

\*Mayor Jon Harter called the meeting to order at 7:00 PM.

\*Roll Call

Present: Jon Harter, Josh Rode, Luke Reski, Bob Anderson, Stuart Blotter, Jorey Kartes, Jason Rutledge

Also Present: Leigh Nolan, Wendlin Rohrich, Jason Grzadzieleski, Norm Fries, April Rutledge

\*Motion by Luke Reski, seconded by Josh Rode to approve the agenda - Motion Carried.

\*Motion by Jorey Kartes, seconded by Jason Rutledge to approve the minutes from the January 12, 2026 regular meeting and the February 4, 2026 special meeting – Motion Carried.

\* Visitors were Lowell Mallard from Butler Machinery in Bismarck and AJ Tuck from Moore Engineering in Bismarck. Lowell presented a proposal for a new skid steer. Decision on this purchase was tabled until the next meeting. AJ discussed previous invoices, updates on available grants, and a water main project.

\* Motion by Luke Reski, seconded by Josh Rode to apply for pre-construction engineering for Project A: Steele Water Main Improvements (to start Spring of 2027) – Motion Carried.

\*City employees reported on meters, pickup sent to Pifer's, street closures for All Steele Reunion.

\* Motion by Jorey Kartes, seconded by Jason Rutledge to allow requested street closures, along with other requests, for the All Steele Reunion – Motion Carried.

\*Wendlin Rohrich presented the police report.

\*Mary Rohrich presented the Community Coordinator report. Discussion on the need for a park maintenance supervisor, possibly someone to help with both park and city duties.

\*Upgrades to heating thermostats at the Community Center will be purchased.

\*Motion by Luke Reski, seconded by Jorey Kartes to approve the financial report – Motion Carried.

\*Motion by Bob Anderson, seconded by Josh Rode to approve the pledge pools of Choice Bank and First Community Credit Union – Motion Carried.

\*Motion by Josh Rode, seconded by Jason Rutledge to approve Jon Harter, April Rutledge, Norm Fries, and Jason Rutledge as authorized signers on the city account at FCCU – Motion Carried.

\*Motion by Josh Rode, seconded by Jorey Kartes to accept the second reading of Ordinance 122. Roll call vote: Josh Rode – yes, Luke Reski – yes, Bob Anderson – yes, Stuart Blotter - yes, Jorey Kartes – yes, Jason Rutledge – yes. Motion Carried.

\*Next meeting on March 9th, 2026 at 7:00 PM.

\*Motion by Josh Rode, seconded by Jason Rutledge to adjourn – Motion Carried.

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Jon Harter, Mayor

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April Rutledge, City Auditor



# 1087585 - Almont Phase 1 Infrastructure Improvements

## Application Details

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**Funding Opportunity:** 1085949-July 2025 - June 2026 Infrastructure Request  
**Funding Opportunity Due Date:** Jun 30, 2026 3:00 PM  
**Program Area:** Funding for Infrastructure in ND - FIND  
**Status:** Submitted  
**Stage:** Final Application

**Initial Submit Date:** Jun 30, 2026 2:55 PM  
**Initially Submitted By:** Lynne Jacobson  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Melissa Middle Name Rotzien  
First Name Last Name  
**Title:**  
**Email\*:** melissa.rotzien@mooreengineeringinc.com  
**Address\*:** 4503 Coleman Street, Suite 105  
  
Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** 701-751-8374 Ext.  
Phone  
###-###-####  
**Fax:** ###-###-####  
**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** City of Almont

**Organization Type\*:** Municipal Government

**Tax Id:** 45-0371045

**Organization Website:**

**Address\*:** P.O. Box 73  
108 Burt Avenue

Almont North Dakota 58520-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** 701-843-7589 Ext.  
###-###-####

**Fax:** ###-###-####

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:**

**SAM Validation:**

**SAM Expiration Date:**

**SAM Exclusion Flag:**

**SAM Last Updated:**

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Phase 1 Infrastructure Improvements

**Sponsor(s)\*:** City of Almont

**County\*:** Morton

**City\*:** Almont

**Description of Request\*:** New

**Project Type:** Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:**

Missouri West Water System

**Jurisdictions/Stakeholders Involved\*:**

The City of Almont

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

The City of Almont has existing asbestos-cement pipe (ACP) water mains with a history of breaks and vitrified clay pipe (VCP) sanitary sewer mains that have reached the end of its useful life.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

Phase 1 will replace the aging water main and sanitary sewer from right-of-way to right-of-way and the roadway will be restored with a new asphalt section.

The City is prioritizing Main Street water and sanitary sewer infrastructure. Main Street is a low area of town with water and sewer infrastructure that have surpassed its useful life. This area is also home to several businesses in the community. Replacing the infrastructure in this area will begin the process of upgrading utilities and will provide a renewed main street for the businesses in Almont. The proposed project would replace asbestos-cement pipe (ACP) water mains with a history of breaks and vitrified clay pipe (VCP) sanitary sewer mains that have reached the end of their useful life.

**Describe the Objectives or Goals Specific to This Application\*:**

The objective of this application is to obtain DWR approval of eligible construction project costs.

The project has received CDBG funds. CDBG funding requires all other funding to be secured before releasing funds and authorizing bidding. Therefore, the City is requesting the DWR Construction Cost Share Request prior to bidding the project.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of work includes soft costs associated with the construction phase (i.e., construction engineering, staking, inspection, and contingencies).

**For this project,**

**Choose City, County, Water District or Other\*:**

City

**What is the Current Estimated Population?\***

100

**For this project,**

**What is the Benefited Population?\***

100

**Have Assessment Districts  
Been Formed?\***: N/A

**Have Land or Easements Been  
Acquired?\***: N/A

**Are There Any Properties with  
Wells, Drain Fields, or Holding  
Tanks Within the Project Area  
That Will Benefit from the  
Project?\***: No

**Are There Any Road  
Improvements Included as Part  
of the Project?\***: Yes

**If Yes, Describe the Condition of  
Drinking Water, Sanitary and  
Storm Sewer Utilities. When  
Were the Last Improvements  
Made to Any Underground  
Infrastructure? Give  
Approximate Years for Water  
Improvements and Sanitary and  
Storm Sewer Improvements.:**

Water distribution system: existing ACP water main, installed approximately 1958. Utility replacement is included in the project's improvements. Sanitary sewer collection system: existing VCP sewer main, installed approximately 1966. Utility replacement is included in the project's improvements. Existing sanitary lift station had pumps replaced in 2013, but no major upgrades to the original lift station structure, valving or piping (1960's). The original cast-iron pipes and valves in the lift station are severely corroded.

**Have You Applied For Any  
Federal Permits?\***: N/A

**Have You Applied for any State  
Permits?\***: N/A

**Have You Applied for any Local  
Permits?\***: N/A

**Do You Expect Any Obstacles to  
Implementation (i.e. Problems  
with Land Acquisition, Permits,  
Funding, Local Opposition,  
Environmental Concerns, etc.)?  
\*:** No

**Have You Received, or Do You  
Anticipate Receiving Federal  
Funding?** No

(Example: Hazard Mitigation Grant  
Program)

**\*:**

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** July 2025

**Design Completion\*:** May 2026

**Bid\*:** Jan 2027

**Construction Start\*:** May 2027

**Construction Completion\*:** October 2027

**Explain Additional Timeline  
Issues\*:**

N/A

**Consulting Engineer\*:** AJ Tuck, PE, Moore Engineering, Inc.

**Engineer Direct Phone Number\*:** 701-751-8371

**Engineer Email\*:** aj.tuck@mooreengineeringinc.com

### ***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

Yes

**Authorized Individual\*:** Lynne Jacobson 06/30/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** P.O. Box 73  
Address Line 1  
Address Line 2

Almont North Dakota 58520-0073  
City State Zip Code

**Direct Phone Number\*:** 701-391-7345

**Sponsor Email\*:** lynne@westriv.com



|                                                                                                                                 |                                               |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b> :                                                             | Yes                                           |
| <b>Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:</b> | Russell      Kramer<br>First Name   Last Name |
| <b>Authorized Signor Title/Position:</b>                                                                                        | Mayor                                         |
| <b>Authorized Signor Email:</b>                                                                                                 | lynne@westriv.com                             |
| <b>Authorized Signor Direct Phone Number:</b>                                                                                   | 701-391-7345                                  |
| <b>Provide the Name for One Additional Board Member, if Applicable:</b>                                                         | First Name   Last Name                        |
| <b>Additional Board Member Title/Position:</b>                                                                                  |                                               |
| <b>Additional Board Member Email:</b>                                                                                           |                                               |
| <b>Additional Board Member Direct Phone Number:</b>                                                                             |                                               |

## Documentation

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### ***Documentation***

|                                                                                                                |                                        |
|----------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.*:</b>               | No                                     |
| CLICK HERE to see examples.                                                                                    |                                        |
| <b>Project Specific Map</b>                                                                                    | 30491_Almont_Exhibits_DWR_20251205.pdf |
| Must Include Project Location in State<br>Using an Inset Map and<br>Distance/Direction to Nearest<br>Community |                                        |
| *:                                                                                                             |                                        |

|                                                                                                            |    |
|------------------------------------------------------------------------------------------------------------|----|
| <b>Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?*</b> : | No |
|------------------------------------------------------------------------------------------------------------|----|

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| <b>Are You Seeking Department of Water Resources Cost-Share?*</b> : | Yes |
|---------------------------------------------------------------------|-----|

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

|                                                                                                                                                                                          |                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>Minutes:</b>                                                                                                                                                                          | Almont_Minutes_20260504.pdf                               |
| <b>Cover Letter:</b>                                                                                                                                                                     | 30491_Almont_Construction_CoverLetter_20260617_Signed.pdf |
| <b>Are You Seeking Cost-Share for a Main Street Initiative Related Project?:</b>                                                                                                         | No                                                        |
| CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.                                                                                                          |                                                           |
| <b>Delineation of Costs SFN 61801:</b>                                                                                                                                                   | 30491_Almont_Delineation_20260616.xlsx                    |
| <b>Type of Request:</b>                                                                                                                                                                  | Construction                                              |
| <b>Signed Plans and Specifications For Bidding:</b>                                                                                                                                      | 30491_MainStSewerWater_signed.pdf                         |
| <b>Is This a Water Supply Project?:</b>                                                                                                                                                  | Yes                                                       |
| CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.                                                                                         |                                                           |
| <b>Life Cycle Cost Analysis:</b>                                                                                                                                                         | 30491_Almont_LCCA_20260619.xlsx                           |
| CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.                                                                                                                 |                                                           |
| <b>Asset Inventory Assessment:</b>                                                                                                                                                       | 30491_Almont_BAIA_20260612.xlsx                           |
| <b>Is This a Rural Flood Control Project?:</b>                                                                                                                                           | No                                                        |
| <b>Is This a Drain Reconstruction Project?:</b>                                                                                                                                          | No                                                        |
| <b>Is This a Flood Recovery Property Acquisition Project?:</b>                                                                                                                           | No                                                        |
| <b>If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:</b> | No                                                        |
| <b>Sovereign Land Permit, if Required for Construction Request:</b>                                                                                                                      |                                                           |
| <b>DWR Construction Permit, if Required for Construction Request:</b>                                                                                                                    |                                                           |
| <b>Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:</b>                                                                                                 |                                                           |
| <b>Has a Feasibility/Engineering Study Been Completed for the Project?:</b>                                                                                                              | Yes                                                       |

Feasibility/Engineering Study  
Material:

30491\_Almont\_PER\_Amendment2\_20250714.pdf

Photos of Problem/Issue:

GIS Files:

Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Yes

Other Applicable Document:

30491\_PreliminaryProjectManualSigned\_20260427.pdf

Other Applicable Document:

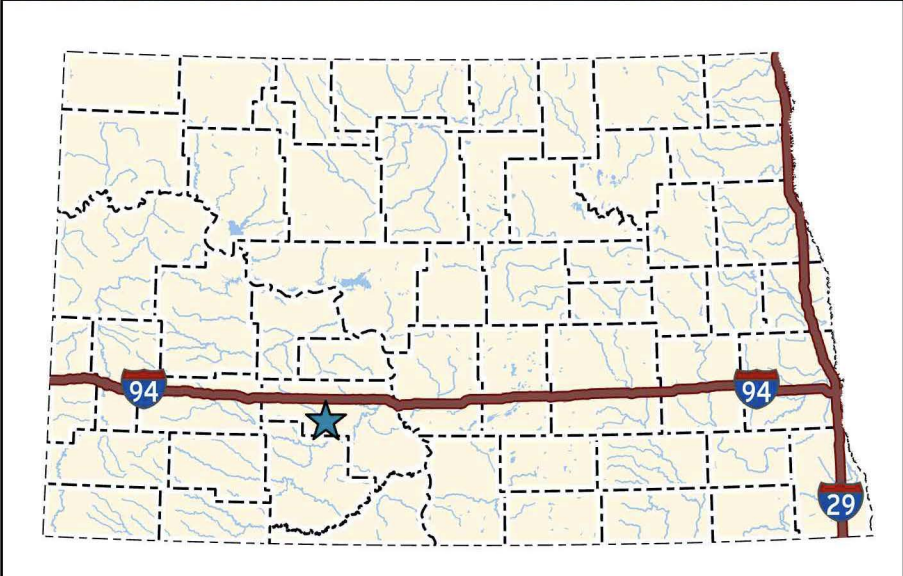
Other Applicable Document:

## Sources

**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

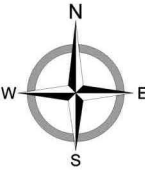
| Source                                                                    | If Other,<br>Specify<br>Funding<br>Source         | Source<br>Status    | State<br>Fiscal<br>Year 1 | State Fiscal           | Beyond              | Total Cost     | Type  | Term  | Interest<br>Rate |
|---------------------------------------------------------------------------|---------------------------------------------------|---------------------|---------------------------|------------------------|---------------------|----------------|-------|-------|------------------|
|                                                                           |                                                   |                     | July to<br>June           | Year 2<br>July to June | Current<br>Biennium |                |       |       |                  |
| Other                                                                     | Community<br>Development<br>Block Grant<br>(CDBG) | Future<br>Request   | \$0.00                    | \$1,000,000.00         | \$0.00              | \$1,000,000.00 | Grant | 0.00  | 0.00             |
| Department<br>of Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                                   | Already<br>Approved | \$33,000.00               | \$0.00                 | \$0.00              | \$33,000.00    | Grant | 0.00  | 0.00             |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction         |                                                   | Current<br>Request  | \$0.00                    | \$47,540.03            | \$0.00              | \$47,540.03    | Grant | 0.00  | 0.00             |
| Drinking<br>Water State<br>Revolving<br>Fund                              |                                                   | Future<br>Request   | \$0.00                    | \$137,000.00           | \$0.00              | \$137,000.00   | Loan  | 30.00 | 2.00             |
| Clean Water<br>State<br>Revolving<br>Fund                                 |                                                   | Future<br>Request   | \$0.00                    | \$126,000.00           | \$0.00              | \$126,000.00   | Loan  | 30.00 | 2.00             |
|                                                                           |                                                   |                     | \$33,000.00               | \$1,310,540.03         | \$0.00              | \$1,343,540.03 |       |       |                  |





**PROPOSED WATER  
ALMONT, NORTH DAKOTA**

Created By: KMV Date Created: 01/06/2025 Date Saved: 12/03/25 Date Exported: 12/05/25  
Exported By: brook.smith Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A  
Horizontal Datum: NAD 1983 StatePlane North Dakota South FIPS 3302 Feet Vertical Datum: NAVD1988  
T:\Projects\23700\23784\10\_ArcPro\23784 Almont Utility Updates\23784 Almont Utility Updates.aprx



0 225 450 Feet







**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SPN 61801 (11/2025)

DWR Date Received :

Date : 6/2/26  
Project : Phase 1 Infrastructure Improvements  
Sponsor : City of Almont  
Contact : Lynne Jacobson, Auditor  
Phone : (701) 843-7589  
Engineer : AJ Tuck, PE, Moore Engineering  
Phone : (701) 751-8371

|                   |                 |                     |               |
|-------------------|-----------------|---------------------|---------------|
| Total Cost :      | \$ 1,343,540.03 | Total Cost-Share* : | \$ 80,540.03  |
| Ineligible Cost : | \$ 1,209,306.65 | Other Eligible :    | \$ -          |
| Eligible Cost :   | \$ 134,233.38   | Preconstruction :   | \$ 33,000.00  |
| Local Cost :      | \$ 1,263,000.00 | Construction :      | \$ 272,647.30 |

| Project Type:            | Cost-share % |
|--------------------------|--------------|
| Water Supply - Municipal | 60%          |

| Item                                                                              | % of Cost | Cost Classification                            | Quantity | Unit  | Unit Price | Total           | Cost-Share % | Cost-Share \$ |
|-----------------------------------------------------------------------------------|-----------|------------------------------------------------|----------|-------|------------|-----------------|--------------|---------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>       |           |                                                |          |       |            |                 |              |               |
| 1                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 2                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 3                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 4                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 5                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
|                                                                                   | 0.0%      | Other Eligible Total                           |          |       |            | \$ -            | 60%          | \$ -          |
| <b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b> |           |                                                |          |       |            |                 |              |               |
| 6                                                                                 | 3.3%      | Preliminary & Design Engineering               | 1        | L SUM | 44,000.00  | \$ 44,000.00    | 60%          | \$ 26,400.00  |
| 7                                                                                 | 0.2%      | Advertising and Publishing                     | 1        | L SUM | 2,750.00   | \$ 2,750.00     | 60%          | \$ 1,650.00   |
| 8                                                                                 | 0.6%      | Soil Borings                                   | 1        | L SUM | 8,250.00   | \$ 8,250.00     | 60%          | \$ 4,950.00   |
| 9                                                                                 | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 10                                                                                | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
|                                                                                   | 4.1%      | Preconstruction Total                          |          |       |            | \$ 55,000.00    | 60%          | \$ 33,000.00  |
| <b>Construction Engineering Costs</b>                                             |           |                                                |          |       |            |                 |              |               |
| 11                                                                                | 1.2%      | Construction Phase                             | 1        | L SUM | 15,643.31  | \$ 15,643.31    | 60%          | \$ 9,385.99   |
| 12                                                                                | 1.6%      | RPR Services                                   | 1        | L SUM | 20,857.75  | \$ 20,857.75    | 60%          | \$ 12,514.65  |
| 13                                                                                | 0.4%      | Post Construction Phase                        | 1        | L SUM | 5,214.44   | \$ 5,214.44     | 60%          | \$ 3,128.66   |
| 14                                                                                | 0.0%      |                                                | 0        |       | -          | \$ -            | 60%          | \$ -          |
|                                                                                   | 3.1%      | Construction Engineering Total                 |          |       |            | \$ 41,716.00    | 60%          | \$ 25,029.30  |
| <b>Construction Costs</b>                                                         |           |                                                |          |       |            |                 |              |               |
| 15                                                                                | 3.9%      | Mobilization                                   | 0.521444 | L SUM | 100,000.00 | \$ 52,144.38    | 60%          | \$ 31,286.63  |
| 16                                                                                | 0.0%      | Bonding                                        | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 17                                                                                | 0.0%      | Insurance                                      | 0        |       | -          | \$ -            | 60%          | \$ -          |
| 18                                                                                | 1.0%      | Testing Allowance                              | 0.521444 | ALLOW | 25,000.00  | \$ 13,036.09    | 60%          | \$ 7,821.66   |
| 19                                                                                | 0.4%      | Storm Water Management                         | 0.521444 | L SUM | 10,000.00  | \$ 5,214.44     | 60%          | \$ 3,128.66   |
| 20                                                                                | 0.4%      | Traffic Control                                | 0.521444 | L SUM | 10,000.00  | \$ 5,214.44     | 60%          | \$ 3,128.66   |
| 21                                                                                | 0.4%      | Temporary Water                                | 0.521444 | L SUM | 10,000.00  | \$ 5,214.44     | 60%          | \$ 3,128.66   |
| 22                                                                                | 0.1%      | Electromagnetic Locator                        | 0.5      | EA    | 4,000.00   | \$ 2,000.00     | 60%          | \$ 1,200.00   |
| 23                                                                                | 0.0%      | Inlet Protection                               | 0        | EA    | 200.00     | \$ -            | 60%          | \$ -          |
| 24                                                                                | 0.1%      | Removal of Concrete                            | 100      | SY    | 15.00      | \$ 1,500.00     | 60%          | \$ 900.00     |
| 25                                                                                | 0.3%      | Removal of Gate Valve                          | 4        | EA    | 1,000.00   | \$ 4,000.00     | 60%          | \$ 2,400.00   |
| 26                                                                                | 0.4%      | Removal of Hydrant                             | 3        | EA    | 2,000.00   | \$ 6,000.00     | 60%          | \$ 3,600.00   |
| 27                                                                                | 0.1%      | Removal of Asbestos Cement Pipe                | 10       | LF    | 100.00     | \$ 1,000.00     | 60%          | \$ 600.00     |
| 28                                                                                | 0.0%      | Sanitary Sewer Manhole - Repair Invert & Bench | 0        | EA    | 2,000.00   | \$ -            | 60%          | \$ -          |
| 29                                                                                | 0.0%      | Sanitary Sewer Main Spot Repair                | 0        | EA    | 10,000.00  | \$ -            | 60%          | \$ -          |
| 30                                                                                | 0.0%      | Sanitary Sewer CIPP - 8"                       | 0        | LF    | 60.00      | \$ -            | 60%          | \$ -          |
| 31                                                                                | 0.0%      | Televise - Mainline - Pre-Construction         | 0        | LF    | 5.00       | \$ -            | 60%          | \$ -          |
| 32                                                                                | 0.0%      | Televise - Mainline - Post-Construction        | 0        | LF    | 2.00       | \$ -            | 60%          | \$ -          |
| 33                                                                                | 0.0%      | Extensive Cleaning                             | 0        | HR    | 300.00     | \$ -            | 60%          | \$ -          |
| 34                                                                                | 0.0%      | Protruding Tap Removal                         | 0        | EA    | 250.00     | \$ -            | 60%          | \$ -          |
| 35                                                                                | 0.0%      | Manhole Casting - Remove & Replace             | 0        | EA    | 1,600.00   | \$ -            | 60%          | \$ -          |
| 36                                                                                | 0.2%      | Connect to Existing Watermain                  | 1        | EA    | 3,000.00   | \$ 3,000.00     | 60%          | \$ 1,800.00   |
| 37                                                                                | 6.0%      | Water Main - 6" - C900                         | 1000     | LF    | 80.00      | \$ 80,000.00    | 60%          | \$ 48,000.00  |
| 38                                                                                | 2.2%      | Curb Stop & Box - 1"                           | 23       | EA    | 1,300.00   | \$ 29,900.00    | 60%          | \$ 17,940.00  |
| 39                                                                                | 3.9%      | Water Service Line - 1"                        | 800      | LF    | 65.00      | \$ 52,000.00    | 60%          | \$ 31,200.00  |
| 40                                                                                | 1.7%      | Water Service Line Connection - 1"             | 23       | EA    | 1,000.00   | \$ 23,000.00    | 60%          | \$ 13,800.00  |
| 41                                                                                | 1.5%      | Gate Valve & Box - 6"                          | 4        | EA    | 5,000.00   | \$ 20,000.00    | 60%          | \$ 12,000.00  |
| 42                                                                                | 2.7%      | Hydrant - 8"                                   | 3        | EA    | 12,000.00  | \$ 36,000.00    | 60%          | \$ 21,600.00  |
| 43                                                                                | 0.0%      | Common Excavation                              | 0        | CY    | 100.00     | \$ -            | 60%          | \$ -          |
| 44                                                                                | 0.1%      | Subgrade Preparation                           | 350      | SY    | 5.00       | \$ 1,750.00     | 60%          | \$ 1,050.00   |
| 45                                                                                | 0.1%      | Full Depth Reclamation                         | 350      | SY    | 5.00       | \$ 1,750.00     | 60%          | \$ 1,050.00   |
| 46                                                                                | 0.1%      | Geogrid                                        | 350      | SY    | 5.00       | \$ 1,750.00     | 60%          | \$ 1,050.00   |
| 47                                                                                | 0.3%      | Remove and Relay Blended Base Course           | 350      | SY    | 10.00      | \$ 3,500.00     | 60%          | \$ 2,100.00   |
| 48                                                                                | 0.0%      | Aggregate Base Course CL5                      | 5        | TON   | 50.00      | \$ 250.00       | 60%          | \$ 150.00     |
| 49                                                                                | 0.9%      | Superpave FAA 42/43                            | 80       | TON   | 150.00     | \$ 12,000.00    | 60%          | \$ 7,200.00   |
| 50                                                                                | 1.0%      | Sidewalk Concrete - 5"                         | 110      | SY    | 120.00     | \$ 13,200.00    | 60%          | \$ 7,920.00   |
| 51                                                                                | 0.0%      | Remove and Reset Fence                         | 0        | LF    | 20.00      | \$ -            | 60%          | \$ -          |
| 52                                                                                | 0.0%      | Topsoil - 6"                                   | 12       | CY    | 40.00      | \$ 480.00       | 60%          | \$ 288.00     |
| 53                                                                                | 0.0%      | Seeding - Type III                             | 127.5    | SY    | 5.00       | \$ 637.50       | 60%          | \$ 382.50     |
| 54                                                                                | 0.0%      | Hydraulic Mulch                                | 127.5    | SY    | 5.00       | \$ 637.50       | 60%          | \$ 382.50     |
| 55                                                                                | 0.0%      |                                                |          |       |            | \$ -            | 60%          | \$ -          |
| 56                                                                                | 0.0%      |                                                |          |       |            | \$ -            | 60%          | \$ -          |
| 57                                                                                | 0.0%      |                                                |          |       |            | \$ -            | 60%          | \$ -          |
|                                                                                   | 2.8%      | Construction Sub-Total                         |          |       |            | \$ 375,178.78   | 60%          | \$ 225,107.27 |
|                                                                                   | 0.0%      | Allowable Contingency (10%)                    |          |       |            | \$ 37,517.88    | 60%          | \$ 22,510.73  |
|                                                                                   | 0.0%      | Elective Contingency Reduction                 | 0        |       | -          | \$ -            | 60%          | \$ -          |
|                                                                                   | 30.7%     | Construction Total                             |          |       |            | \$ 412,696.66   | 60%          | \$ 247,618.00 |
| <b>Eligible Preconstruction</b>                                                   |           |                                                |          |       |            |                 |              |               |
|                                                                                   |           | Eligible Preconstruction                       |          |       |            | \$ 55,000.00    | 60%          | \$ 33,000.00  |
|                                                                                   |           | Eligible Construction                          |          |       |            | \$ 454,412.16   | 60%          | \$ 272,647.30 |
|                                                                                   |           | Eligible Total                                 |          |       |            | \$ 509,412.16   | 60%          | \$ 305,647.30 |
| <b>Ineligible Preconstruction Costs</b>                                           |           |                                                |          |       |            |                 |              |               |
| 58                                                                                | 2.4%      | Preliminary & Design Engineering               | 1        | L SUM | 32,750.00  | \$ 32,750.00    | 0%           | \$ -          |
| 59                                                                                | 0.5%      | Advertising and Publishing                     | 1        | L SUM | 7,250.00   | \$ 7,250.00     | 0%           | \$ -          |
| 60                                                                                | 0.7%      | Bidding and Negotiating Phase                  | 1        | L SUM | 10,000.00  | \$ 10,000.00    | 0%           | \$ -          |
| 61                                                                                | 0.0%      |                                                | 0        |       | -          | \$ -            | 0%           | \$ -          |
|                                                                                   | 3.7%      | Preconstruction Ineligible Total               |          |       |            | \$ 50,000.00    | 0%           | \$ -          |
| <b>Ineligible Construction Costs</b>                                              |           |                                                |          |       |            |                 |              |               |
| 62                                                                                | 1.5%      | Funding Agency Administration                  | 1        | L SUM | 20,000.00  | \$ 20,000.00    | 0%           | \$ -          |
| 63                                                                                | 1.1%      | Legal & Bond Counsel                           | 1        | L SUM | 15,000.00  | \$ 15,000.00    | 0%           | \$ -          |
| 64                                                                                | 1.1%      | Construction Phase                             | 1        | L SUM | 14,356.69  | \$ 14,356.69    | 0%           | \$ -          |
| 65                                                                                | 1.4%      | RPR Services                                   | 1        | L SUM | 19,142.25  | \$ 19,142.25    | 0%           | \$ -          |
| 66                                                                                | 0.4%      | Post Construction Phase                        | 1        | L SUM | 4,785.56   | \$ 4,785.56     | 0%           | \$ -          |
| 67                                                                                | 4.8%      | Construction Contingencies                     | 1        | L SUM | 64,562.12  | \$ 64,562.12    | 0%           | \$ -          |
| 68                                                                                | 48.1%     | Other Construction                             | 1        | L SUM | 645,621.22 | \$ 645,621.22   | 0%           | \$ -          |
| 69                                                                                | 0.0%      | Loan Rounding                                  | 1        | L SUM | 660.03     | \$ 660.03       | 0%           | \$ -          |
|                                                                                   | 58.4%     | Construction Ineligible Total                  |          |       |            | \$ 784,127.87   | 0%           | \$ -          |
| <b>Ineligible Total</b>                                                           |           |                                                |          |       |            |                 |              |               |
|                                                                                   |           | Ineligible Total                               |          |       |            | \$ 834,127.87   | 0%           | \$ -          |
|                                                                                   | 100.0%    | Project Total                                  |          |       |            | \$ 1,343,540.03 |              |               |
| <b>Federal or State Funds That Supplant Costs</b>                                 |           |                                                |          |       |            |                 |              |               |
|                                                                                   |           | Federal or State Funds That Supplant Costs     |          |       |            | \$ 375,178.78   |              |               |
|                                                                                   |           | Eligible Cost Total                            |          |       |            | \$ 134,233.38   | 60%          | \$ 80,540.03  |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



## Life Cycle Cost Analysis Review

**Sponsor:** City of Almont  
**Project Title:** Phase 1 Infrastructure Improvements  
**Date:** July 1, 2026

### Explanation of Alternatives:

**Do Nothing:** Existing ACP watermain remains in place and breaks are addressed as they occur. City is responsible for repairs with no funding support and no internal staff to complete the repairs.

**Main Street Sewer and Water Improvements [Preferred]:** Existing ACP water main, valves, hydrants, water services and curb stops are replaced using open cut construction method. This alternative includes sewer project costs including lining existing sanitary sewer main, replacing sanitary manholes and services. Surface restoration includes the full street width.

**Main Street Sewer and Water Improvements Eligible Costs Only:** This alternative includes only water project eligible costs for reference.

### Inputs:

|                                 |    |                                                    |          |
|---------------------------------|----|----------------------------------------------------|----------|
| New Connections Served          | 0  | Current CIF Balance                                | \$54,000 |
| Future Connections Served       | 0  | Annual CIF Contribution                            | \$0      |
| Current Connections Served      | 73 | Cash Funding Target (Percentage %) New Assets      | 20%      |
| Net Connections (New + Current) | 73 | Cash Funding Target (Percentage %) Existing Assets | 20%      |
|                                 |    | Annual CIF Contribution suggested for the Project  | \$10,129 |

|                   | Do Nothing | Main Street Sewer and Water Improvements [Preferred] | Main Street Water Improvement Eligible Costs Only | -   |
|-------------------|------------|------------------------------------------------------|---------------------------------------------------|-----|
| Construction Cost | \$0        | \$1,343,540                                          | \$509,412                                         | \$0 |
| Annual O & M      | \$10,000   | \$10,000                                             | \$10,000                                          | \$0 |

### Details:

Facility plan describes a trenchless alternative as non-viable, a pipe bursting alternative as non-viable due to health and safety hazards and a direction drilling alternative as non-viable due to street replacement needs.

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

| Present Value                              | Do Nothing       | Main Street Sewer and | Main Street Water Improvement | -             |
|--------------------------------------------|------------------|-----------------------|-------------------------------|---------------|
| Capital Costs                              | \$0              | \$1,344,000           | \$509,000                     | \$0           |
| O&M                                        | \$252,000        | \$242,000             | \$242,000                     | \$0           |
| Repair, Rehab, Replacement                 | \$0              | \$51,000              | \$51,000                      | \$0           |
| Salvage Value                              | \$0              | \$12,000              | \$12,000                      | \$0           |
| <b>Total PVC</b>                           | <b>\$252,000</b> | <b>\$1,625,000</b>    | <b>\$790,000</b>              | <b>\$0</b>    |
| <b>PV Cost Per User</b>                    | <b>\$3,452</b>   | <b>\$22,260</b>       | <b>\$10,822</b>               | <b>\$0</b>    |
| Construction Cost Per User                 | \$0              | \$18,405              | \$6,978                       | \$0           |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$80</b>      |                       |                               |               |
| <b>Comparable Water Rate</b>               | <b>\$65</b>      |                       |                               |               |
| Net Connections (New + Current)            | 73               | 73                    | 73                            | 73            |
| Cost-Share Percent                         | 60%              | 60%                   | 60%                           | 60%           |
| Local Share                                | \$0              | \$537,600             | \$203,600                     | \$0           |
| Other Funding                              | \$0              | \$0                   | \$0                           | \$0           |
| Total Local                                | \$0              | \$537,600             | \$203,600                     | \$0           |
| <b>Payment Per User With Cost-Share</b>    | <b>\$0.00</b>    | <b>\$37.26</b>        | <b>\$14.11</b>                | <b>\$0.00</b> |
| Local Share                                | \$0              | \$1,344,000           | \$509,000                     | \$0           |
| Other Funding                              | \$0              | \$0                   | \$0                           | \$0           |
| Total Local                                | \$0              | \$1,344,000           | \$509,000                     | \$0           |
| <b>Payment Per User Without Cost-Share</b> | <b>\$0.00</b>    | <b>\$93.14</b>        | <b>\$35.27</b>                | <b>\$0.00</b> |

### Explanation of Results:

Preferred alternative is a joint water main and sewer project and replaces existing ACP watermain. Present value cost per user is \$10,822 and construction cost per user is \$6,978. Monthly payment per user with DWR Cost-Share participation is \$37.26 and \$93.14 without DWR

|                      | Year |      | Annual Population Growth | Average Annual Population |
|----------------------|------|------|--------------------------|---------------------------|
| ND Dept. of Commerce | 2020 | 2024 | Rate                     | Increase/Decrease         |
| Population & Trends  | 95   | 98   | 0.3%                     | 1                         |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



# City of Almont

**P.O. Box 73      Almont, ND 58520**



June 17, 2026

Lori Noack  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck ND 58505-0850

RE:      Phase 1 Infrastructure Improvements  
         Almont, North Dakota  
         DWR Construction Cost-Share Request

Dear Ms. Noack,

The City of Almont has initiated a project to replace the existing watermain, sanitary sewer, and roadway on Main Street. This section of watermain consists of Asbestos Cement Pipe (ACP) that was originally installed in the 1950's. The ACP is now beyond its useful life, resulting in several costly and disruptive watermain breaks in recent years. This project will use an open trench method to replace the watermain and associated water services, hydrants, and gate valves in the project area. Additionally, this project will replace sanitary sewer main, sanitary manholes, and sanitary services in the project area.

The City has contracted with Moore Engineering, Inc. to perform construction engineering services. The City respectfully requests 60% cost share for the remaining eligible construction costs, which include construction engineering, staking, inspection, and construction contingencies.

DWR Preconstruction Cost Share amount of \$33,000 was approved in December 2025. Other project funding includes Community Development Block Grant (CDBG), Drinking Water State Revolving Fund (DWSRF), and Clean Water State Revolving Fund (CWSRF). CDBG funding requires all other funding to be secured before releasing funds and authorizing bidding. Therefore, the City is requesting the DWR Construction Cost Share Request prior to bidding the project.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water for its residents and visitors. If you have any questions, please contact me or the City's Engineer, AJ Tuck, at [aj.tuck@mooreengineeringinc.com](mailto:aj.tuck@mooreengineeringinc.com) or (701) 751-8371.

Sincerely,

CITY OF ALMONT, NORTH DAKOTA

Lynne Jacobson

City Auditor

**Minutes of Almont City**  
**May 4, 2026**

**Present:** Russell Kramer, Kaity Olson-Brett, Sharmayne Erhardt, Andrew Heinrich, Seth Feland and Lynne Jacobson.

Also present were: Bryce Sayler, Ron Groninger, Steve Kunz and Jackie Taylor

Meeting was called to order at 7:30 p.m. Minutes from the previous meeting were read. Seth made a motion to accept the minutes as read; Sharmayne seconded; motion passed. Treasurer's report was provided. Seth made a motion to accept; Andrew seconded; motion passed. Lynne presented the bill from 7 Arrows Tree Service with landfill tickets which were not part of the quote. Seth made a motion to pay; Andrew seconded; motion passed.

Jackie Taylor was presented to discuss her water billing. Council accepted her proposal for payment. Steve Kunz was present to discuss his water billing. After discussion council agreed to waive 2025 charges, and a meter will be installed at his residence.

**Old Business:**

Lynne advised that Tank Maintenance Solutions/Northern Steel has completed the repair to the water tank, however, Lynne advised that further repairs need to be done as there is still seepage. Lynne is in the process of obtaining quotes for the additional repairs needed and will present them once she receives them.

Lynne advised that a letter has been sent by the county to the owner of the mobile home on Main Street and Lynne advised that she also sent a text message to the owner.

Lynne presented the revised numbers from the county on the Board of Equalization. Kaity made a motion to accept the numbers; Sharmayne seconded; motion passed.

A second and final reading of the flood plain ordinance was done. Seth made a motion to accept as read; Sharmayne seconded; motion passed.

Bryce Sayler with Moore Engineering was present to bring the council up to speed on the status of the water/sewer project.

1. Kaity made a motion to submit an application to DWR for construction funds in the amount of \$59,400 (for water main items); Seth seconded; motion passed.
2. Discussion was held regarding the necessity for a survey of existing Main Street buildings and awnings if sidewalks were to be removed for curb stop installation (approx.

cost \$10,000). Council decided to place the curb stops in the road to avoid the expense of the survey.

3. Bryce advised he is still waiting on the testing results of the contaminated soil due to petroleum.
4. Bryce presented the plans and specifications. After a review and discussion; Kaity made a motion to accept and to submit to the NDDEQ for approval; Sharmayne seconded; motion passed.
5. Bryce advised that once final approval is received from the NDDEQ and DWR he needs a motion for the auditor to advertise for bids. Kaity made a motion to go ahead; Seth seconded; motion passed.
6. Bryce presented a Moore Engineering invoice for \$10,000 and requested a motion to pay. Seth made a motion to pay; Andrew seconded; motion passed. Lynne will pay once funds are received.

### **New Business:**

Lynne advised that she has received the completed Consumer Confidence Reports and will get copies made for distribution in May's water billing.

Lynne advised that she has been contacted by Ideal Energy regarding replacement of all non-LED street lights. Ideal advised they are working with the Department of Commerce and that a 100% grant is available. The money will have to be fronted by the city initially. The company is supposed to come out within the next couple of weeks to get a count and figures. Once received Lynne will present to the council for further discussion.

Russ advised that there is a leak on the lot owned by Lynnea Koehler. Andrew offered to contact her regarding a repair of the leak.

Mowing was discussed. Sharmayne made a motion to have interested parties send a letter/email to the city email by June 1<sup>st</sup>; Kaity seconded; motion passed. Lynne advised she will put an ad in the paper and on Facebook with the requirements and wages.

A motion to adjourn was made by Seth and seconded by Kaity. Meeting adjourned at 9:11 p.m.

*Lynne Jacobson*  
5.6.26

# 1087337 - Casselton Downtown Improvements Project

## Application Details

|                                                      |                                |                      |
|------------------------------------------------------|--------------------------------|----------------------|
| <b>Funding Opportunity:</b>                          | <b>Initial Submit Date:</b>    | Feb 23, 2026 5:08 PM |
| 1085949-July 2025 - June 2026 Infrastructure Request | <b>Initially Submitted By:</b> | Sheila Klevgard      |
| <b>Funding Opportunity Due Date:</b>                 | <b>Last Submit Date:</b>       |                      |
| Jun 30, 2026 3:00 PM                                 | <b>Last Submitted By:</b>      |                      |
| <b>Program Area:</b>                                 |                                |                      |
| Funding for Infrastructure in ND - FIND              |                                |                      |
| <b>Status:</b>                                       |                                | Submitted            |
| <b>Stage:</b>                                        |                                | Final Application    |

## Contact Information

### Primary Contact Information

|                      |                                   |
|----------------------|-----------------------------------|
| <b>Active User*:</b> | Yes                               |
| <b>Type:</b>         | External User                     |
| <b>Name:</b>         | Salutation Josh<br>First Name     |
| Middle Name          | Wayt<br>Last Name                 |
| <b>Title:</b>        | Funding Specialist                |
| <b>Email*:</b>       | josh.wayt@mooreengineeringinc.com |
| <b>Address*:</b>     | 925 10th Ave E                    |

### Organization Information

|                              |                            |
|------------------------------|----------------------------|
| <b>Status*:</b>              | Approved                   |
| <b>Name*:</b>                | City of Casselton          |
| <b>Organization Type*:</b>   | Municipal Government       |
| <b>Tax Id:</b>               |                            |
| <b>Organization Website:</b> |                            |
| <b>Address*:</b>             | 702 1st St N<br>PO Box 548 |



|                  |                     |                     |                   |
|------------------|---------------------|---------------------|-------------------|
| Suite 1          |                     | Casselton           | North Dakota      |
|                  |                     | City                | State/Province    |
| West Fargo       | North Dakota        | 58012-0548          |                   |
| City             | State/Province      | Postal Code/Zip     |                   |
| 58078            |                     |                     |                   |
| Postal Code/Zip  |                     | <b>Phone*:</b>      | 701-347-4861 Ext. |
| <b>Phone*:</b>   | (701) 200-5455 Ext. |                     | ###-###-####      |
|                  | Phone               | <b>Fax:</b>         | ###-###-####      |
|                  | ###-###-####        | <b>Vendor ID:</b>   |                   |
| <b>Fax:</b>      | ###-###-####        | <b>PeopleSoft</b>   |                   |
| <b>Comments:</b> |                     | <b>Supplier ID:</b> |                   |
|                  |                     | <b>Comments:</b>    |                   |
|                  |                     | <b>Location</b>     |                   |
|                  |                     | <b>Code:</b>        |                   |

# Infrastructure Funding Request

## Infrastructure Funding Request

|                                                                                                                  |                                                            |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|
| <b>Project Name*:</b>                                                                                            | Casselton Downtown Improvements Project                    |
| <b>Sponsor(s)*:</b>                                                                                              | City of Casselton                                          |
| <b>County*:</b>                                                                                                  | Cass                                                       |
| <b>City*:</b>                                                                                                    | Casselton                                                  |
| <b>Description of Request*:</b>                                                                                  | New                                                        |
| <b>Project Type:</b>                                                                                             | Municipal Water Supply                                     |
| <b>If Project is a Study, What Type?:</b>                                                                        |                                                            |
| <b>If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:</b> | Sheyenne Delta Aquifer via Cass Rural Water Users District |
| <b>Jurisdictions/Stakeholders Involved*:</b>                                                                     |                                                            |
|                                                                                                                  | The City of Casselton and its 2,479 residents.             |

**Describe the Problem/Need  
and the Circumstances that  
Led to This Application\*:**

The storm drainage in the project area is minimal, with much of the area relying on surface drainage. The existing storm sewers are undersized, resulting in localized flooding during heavy rain events. The need for an expanded storm drainage system in the project area is a key catalyst for this project.

The wastewater collection system in the project area is VCP that was installed before the 1960's. The VCP in the project area was relined and spray coated in 2012. The relined pipe was televised in 2023, identifying overall good condition with several sags, which have required jetting annually.

The roads in the project area were installed prior to the 1960's and have received minimal repairs over the years. A 2023 pavement condition assessment using the PASER system determined that most of the roads are in poor condition, exhibiting widespread cracking, potholes, and surface wear. The sidewalks also show significant deterioration characterized by uneven surfaces and large cracks.

**Describe the Proposed or  
Chosen Solution(s) to  
Address the Problem/Need\*:**

The project will replace and expand the storm drainage system to address localized flooding issues. Additionally, this project will fully replace the wastewater collection system in the project area. This includes mains, services, and manholes.

The project will also replace the metal components of the drinking water system, which tend to corrode in the acidic soils of the Red River Valley. These components include the fittings, gate valves, hydrants, curb stops, and services. The water mains were installed in the 1980's and consist of 6" to 10" PVC pipes.

Finally, the roads in the project area will be replaced. The proposed road configuration includes diagonal parking and sidewalks with streetscaping such as planters and bike racks at select intersection corners.

**Describe the Objectives or  
Goals Specific to This  
Application\*:**

The City is respectfully requesting 60% cost share for construction of improvements to the drinking water system from the Department of Water Resources. Furthermore, the City would like to initiate applications to the Drinking Water and Clean Water Revolving Funds in the SRF Tracker portal.

**Describe the Scope of Work  
or Project Activities Specific  
to This Application\*:**

The City is respectfully requesting DWR funding to support construction and construction

engineering/contract management tasks. This funding is specifically for work related to the replacement of the metal components of the drinking water system, which include the fittings, gate valves, hydrants, curb stops, and services.

**For this project,**

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\*** 2479

**For this project,**

**What is the Benefited Population?\*** 2479

**Have Assessment Districts Been Formed?\*** Yes

**Date Formed:** 05/05/2025

**Have Land or Easements Been Acquired?\*** Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\*** No

**Are There Any Road Improvements Included as Part of the Project?\*** Yes

**If Yes, Describe the Condition of Drinking Water, Sanitary and Storm Sewer Utilities.**

**When Were the Last Improvements Made to Any Underground Infrastructure? Give Approximate Years for Water Improvements and Sanitary and Storm Sewer Improvements.:**

The VCP sewer collection system was installed prior to the 1960's. The sewers were relined in 2012, but sagging has been a persistent problem that requires jetting on a yearly basis. The PVC water mains were installed in the 1980's. The PVC will remain in use, but the metal fittings, gate valves, hydrants, curb stops, and services will be replaced. These metal components are susceptible to corrosion in the

area's acidic soils.

**Have You Applied For Any  
Federal Permits?\*** N/A

**Have You Applied for any  
State Permits?\*** Yes

**If Yes or Ongoing, Please  
Explain  
(include type/number):**

NDDOT permits for drinking water, sanitary sewer, and storm sewer utility crossing and Right-of-Way occupancy.

**Have You Been Approved for  
any State Permits?:** Ongoing

**If Yes or Ongoing, Please  
Explain  
(include type/number):**

Permit approvals are anticipated in April 2026.

**Have You Applied for any  
Local Permits?\*** N/A

**Do You Expect Any  
Obstacles to Implementation  
(i.e. Problems with Land  
Acquisition, Permits,  
Funding, Local Opposition,  
Environmental Concerns,  
etc.)?\*** No

**Have You Received, or Do  
You Anticipate Receiving  
Federal Funding?** No

(Example: Hazard Mitigation Grant  
Program)

\*:

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 05/01/2025

**Design Completion\*:** 03/01/2026

**Bid\*:** 03/12/2026 **3/23/26**

**Construction Start\*:** 05/01/2026

**Construction Completion\*:** 10/31/2026

**Explain Additional Timeline**

**Issues\*:**

No additional timeline issues are anticipated at this time.

**Consulting Engineer\*:** Brandon Oye

**Engineer Direct Phone Number\*:** 701-306-3951

**Engineer Email\*:** brandon.oye@mooreengineeringinc.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to** Yes

**Intentionally Falsify**

**Statements as Part of the**

**Cost-Share Application**

**Process Per NDCC 12.1-11-**

**02. Therefore, I Certify That,**

**to the Best of My Knowledge,**

**the Provided Information is**

**True and Accurate, and in**

**Execution of This Project, the**

**Sponsor Will Follow All**

**Applicable Laws and**

**Permitting Requirements. I**

**Further Certify Assurance of**

**Sustainable Operation,**

**Maintenance, and**

**Replacement of The Assets**

**For Which We Are**

**Requesting Cost-Share.\*:**

**Authorized Individual\*:** Sheila Klevgard 02/23/2026

First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** 702 1st St N  
Address Line 1



PO Box 548  
Address Line 2  
Casselton North Dakota 58012-0548  
City State Zip Code

**Direct Phone Number\*:** 701-347-5854

**Sponsor Email\*:** cassaudit@casselton.org

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:** Michael Faught  
First Name Last Name

**Authorized Signor Title/Position:** Mayor

**Authorized Signor Email:** michael.faught@casselton.org

**Authorized Signor Direct Phone Number:** 701-388-3182

**Provide the Name for One Additional Board Member, if Applicable:** First Name Last Name

**Additional Board Member Title/Position:**

**Additional Board Member Email:**

**Additional Board Member Direct Phone Number:**

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

23053\_CasseltonDowntown\_Exhibit\_20260209.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\***

Yes

**Engineer's Estimate of Probable Cost**

23053\_CasseltonDowntown\_CostEstimate\_20260223.xlsm

Separate Project Components by Type (Storm Sewer, Sanitary Sewer and Associated Roads, Drinking Water and Associated Roads, and Roads)

:

**Are You Seeking Department of Water Resources Cost-Share?\***

Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:**

23053\_CasseltonDowntown\_Minutes\_20260202.pdf

**Cover Letter:**

23053\_CasseltonDowntown\_CoverLetter\_SIGNED.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:**

No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

23053\_CasseltonDowntown\_Delineation\_V2.xlsx

|                                                                                                                                                                                          |                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Type of Request:</b>                                                                                                                                                                  | Construction                              |
| <b>Signed Plans and Specifications For Bidding:</b>                                                                                                                                      | 23053 CasseltonDowntown Plans_SIGNED.pdf  |
| <b>Is This a Water Supply Project?:</b>                                                                                                                                                  | Yes                                       |
| CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.                                                                                         |                                           |
| <b>Life Cycle Cost Analysis:</b>                                                                                                                                                         | 23053_CasseltonDowntown_LCCA.xlsx         |
| CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.                                                                                                                 |                                           |
| <b>Asset Inventory Assessment:</b>                                                                                                                                                       | 23053_CasseltonDowntown_BAIA20260216.xlsx |
| <b>Is This a Rural Flood Control Project?:</b>                                                                                                                                           | No                                        |
| <b>Is This a Drain Reconstruction Project?:</b>                                                                                                                                          | No                                        |
| <b>Is This a Flood Recovery Property Acquisition Project?:</b>                                                                                                                           | No                                        |
| <b>If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:</b> | No                                        |
| <b>Sovereign Land Permit, if Required for Construction Request:</b>                                                                                                                      |                                           |
| <b>DWR Construction Permit, if Required for Construction Request:</b>                                                                                                                    |                                           |
| <b>Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:</b>                                                                                                 |                                           |
| <b>Has a Feasibility/Engineering Study Been Completed for the Project?:</b>                                                                                                              | Yes                                       |

**Feasibility/Engineering Study** 23053\_FINAL Engineers Report-2025-05-02.pdf

**Material:**

**Photos of Problem/Issue:**

**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable** Yes

**Document(s):**

**Other Applicable Document:** 23053\_CasseltonDowntown\_SADistrict\_Approval.pdf

**Other Applicable Document:** 23053\_DowntownCasselton\_20260223.pdf

**Other Applicable Document:**

## Sources

***Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)***

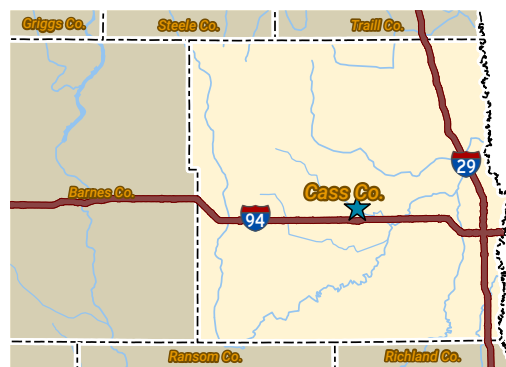
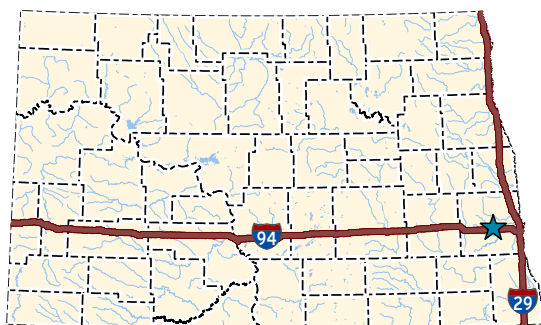
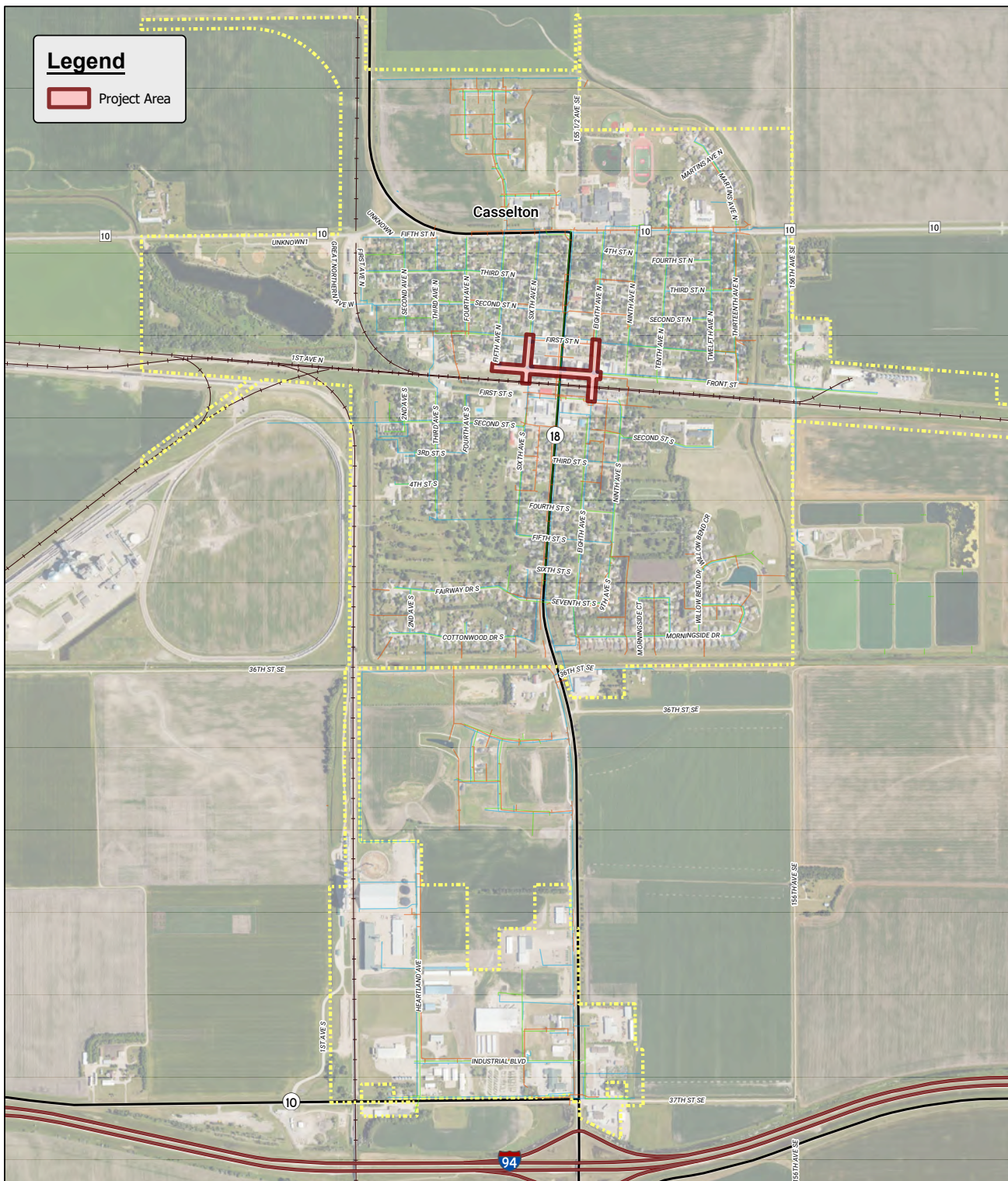
| Source                                                                    | If Other,<br>Specify<br>Funding Source | Source<br>Status    | State<br>Fiscal<br>Year 1<br>July to<br>June | State Fiscal<br>Year 2<br>July to June | Beyond<br>Current<br>Biennium | Total Cost                   | Type | Term | Interest<br>Rate |
|---------------------------------------------------------------------------|----------------------------------------|---------------------|----------------------------------------------|----------------------------------------|-------------------------------|------------------------------|------|------|------------------|
| Department<br>of Water<br>Resources<br>Cost Share<br>Pre-<br>Construction |                                        | Already<br>Approved | \$78,920.00                                  | \$0.00                                 | \$0.00                        | \$78,920.00                  |      | 0.00 | 0.00             |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction         |                                        | Current<br>Request  | \$0.00                                       | \$618,388.00                           | \$0.00                        | \$618,388.00<br>\$525,218.00 |      | 0.00 | 0.00             |
| Drinking<br>Water State<br>Revolving<br>Fund                              |                                        | Current<br>Request  | \$0.00                                       | \$1,162,182.00                         | \$0.00                        | \$1,162,182.00               |      | 0.00 | 0.00             |
| Clean Water<br>State<br>Revolving                                         |                                        | Future<br>Request   | \$0.00                                       | \$7,000,000.00                         | \$0.00                        | \$7,000,000.00               |      | 0.00 | 0.00             |

|       |                  |                     |                    |                       |               |                       |      |      |
|-------|------------------|---------------------|--------------------|-----------------------|---------------|-----------------------|------|------|
| Fund  |                  |                     |                    |                       |               |                       |      |      |
| Other | Local<br>funding | Already<br>Approved | \$0.00             | \$570,510.00          | \$0.00        | \$570,510.00          | 0.00 | 0.00 |
|       |                  |                     | <b>\$78,920.00</b> | <b>\$9,351,080.00</b> | <b>\$0.00</b> | <b>\$9,430,000.00</b> |      |      |



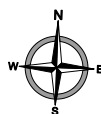
## Legend

 Project Area

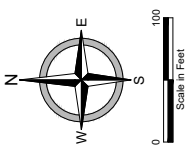
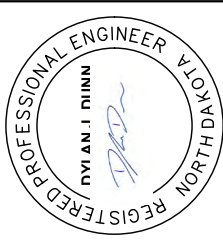


## WATER SYSTEM IMPROVEMENTS 2025 CASSELTON, NORTH DAKOTA

Created By: KMY Date Created: 01/06/2025 Date Saved: 02/09/25 Date Exported: 02/09/25  
Exported By: tennerschmidt Parcel Date: State Parcels N/A Aerial Image: NAIP Elevation Data: N/A  
Horizontal Datum: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
T:\Projects\23000\23053\10\_ArcPro\23053\_DWR\_Exhibit\23053\_DWR\_Exhibit.aprx



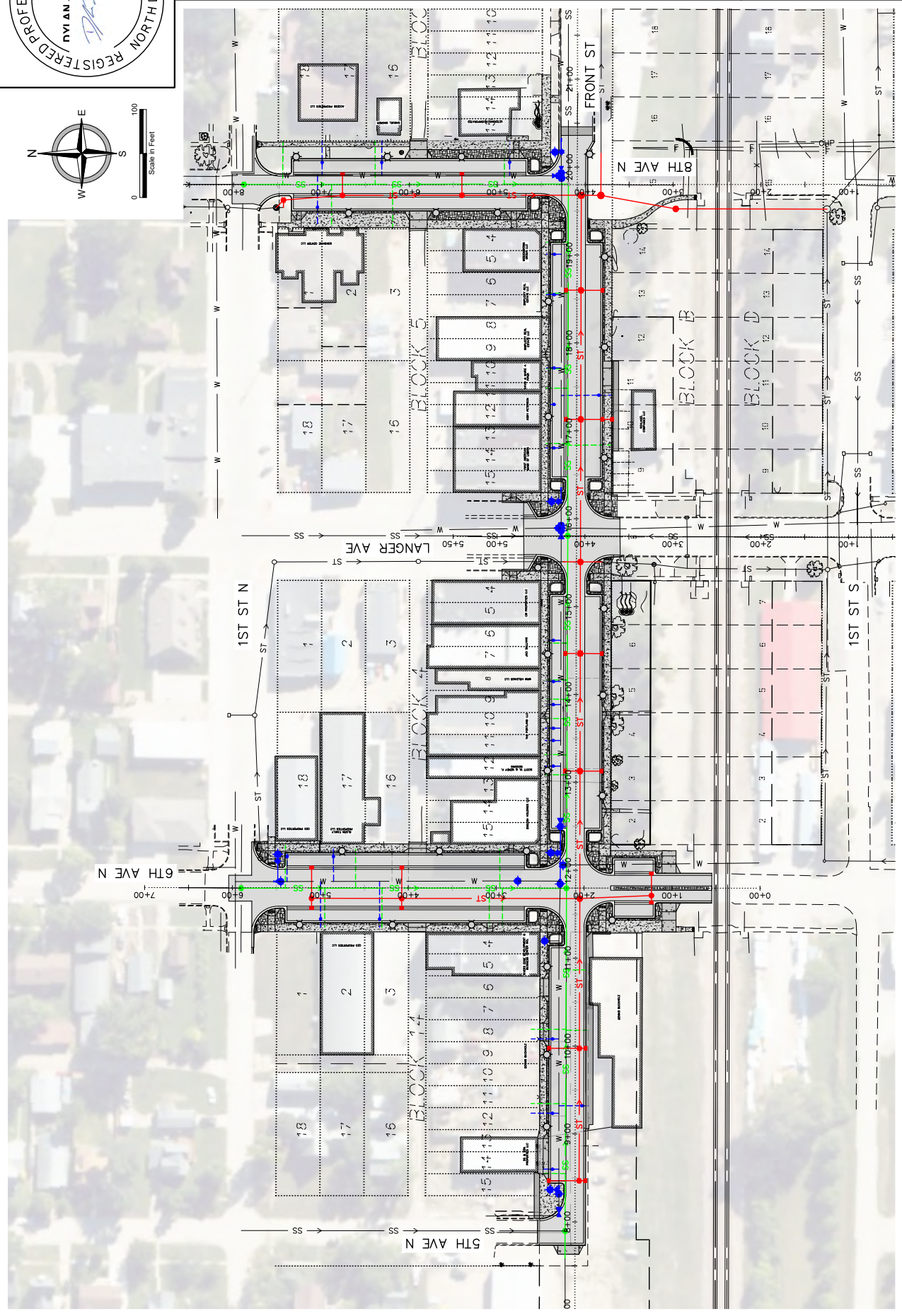




PROJECT LAYOUTS  
SEWER, WATER, AND STREET IMPROVEMENT DISTRICT NO. 2026-1  
DOWNTOWN IMPROVEMENTS  
CASSETON, NORTH DAKOTA  
PROPOSED CONDITIONS

|             |         |
|-------------|---------|
| DATE:       | ---     |
| REV. DATE:  | ---     |
| REV. NUM:   | ---     |
| RECORD:     | ---     |
| PROJECT No: | 23053   |
| MANAGER:    | BLO     |
| DESIGNER:   | DJDTJAB |
| DRAWER:     | URL     |
| REVIEWER:   | NPG     |

C-102





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SFN 61801 (11/2025)

Post Bid

DWR Date Received : 3/24/2026

|            |                                    |
|------------|------------------------------------|
| Date :     | 2/23/26                            |
| Project :  | Downtown Improvements              |
| Sponsor :  | City of Casselton                  |
| Contact :  | Sheila Klevgard, Auditor           |
| Phone :    | 701-347-4861                       |
| Engineer : | Dylan Dunn, Moore Engineering Inc. |
| Phone :    | 701-551-1075                       |

|                   |                  |                     |               |
|-------------------|------------------|---------------------|---------------|
| Total Cost :      | \$ 10,290,000.00 | Total Cost-Share* : | \$ 604,138.67 |
| Ineligible Cost : | \$ 9,283,102.21  | Other Eligible :    | \$ -          |
| Eligible Cost :   | \$ 1,006,897.79  | Preconstruction :   | \$ 78,920.40  |
| Local Cost :      | \$ 9,685,861.33  | Construction :      | \$ 525,218.27 |

|                          |              |
|--------------------------|--------------|
| Project Type:            | Cost-share % |
| Water Supply - Municipal | 60%          |

| Cost Classification                                                         | Quantity | Unit                        | Unit Price | Total | Cost-Share % | Cost-Share \$ |
|-----------------------------------------------------------------------------|----------|-----------------------------|------------|-------|--------------|---------------|
| <b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b> |          |                             |            |       |              |               |
| 1                                                                           | 0.0%     | 0                           | -          | \$ -  | 60%          | \$ -          |
| 2                                                                           | 0.0%     | 0                           | -          | \$ -  | 60%          | \$ -          |
| 3                                                                           | 0.0%     | 0                           | -          | \$ -  | 60%          | \$ -          |
| 4                                                                           | 0.0%     | 0                           | -          | \$ -  | 60%          | \$ -          |
| 5                                                                           | 0.0%     | 0                           | -          | \$ -  | 60%          | \$ -          |
|                                                                             | 0.0%     | <b>Other Eligible Total</b> |            | \$ -  | 60%          | \$ -          |

| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |      |                                         |   |    |            |               |     |              |
|----------------------------------------------------------------------------|------|-----------------------------------------|---|----|------------|---------------|-----|--------------|
| 6                                                                          | 1.0% | Final Design                            | 1 | LS | 107,614.00 | \$ 107,614.00 | 60% | \$ 64,568.40 |
| 7                                                                          | 0.1% | Bidding/Negotiations                    | 1 | LS | 6,447.00   | \$ 6,447      | 60% | \$ 3,868.20  |
| 8                                                                          | 0.1% | ROW, Outreach, Utility Coordination     | 1 | LS | 8,120.00   | \$ 8,120      | 60% | \$ 4,872.00  |
| 9                                                                          | 0.1% | Environmental Assessment and Permitting | 1 | LS | 5,317.00   | \$ 5,317      | 60% | \$ 3,190.20  |
| 10                                                                         | 0.0% | DWR Reimbursement Assistance            | 1 | LS | 4,036.00   | \$ 4,036      | 60% | \$ 2,421.60  |
|                                                                            | 1.3% | Preconstruction Total                   |   |    |            | \$ 131,534.00 | 60% | \$ 78,920.40 |

| Construction Engineering Costs |      |                                |   |    |           |              |     |              |
|--------------------------------|------|--------------------------------|---|----|-----------|--------------|-----|--------------|
| 11                             | 0.4% | Construction Contract Mgmt.    | 1 | LS | 39,204.63 | \$ 39,204.63 | 60% | \$ 23,522.78 |
| 12                             | 0.5% | Project Inspection             | 1 | LS | 48,608.83 | \$ 48,608.83 | 60% | \$ 29,165.30 |
| 13                             | 0.3% | DWR Reimbursement Assistance   | 1 | LS | 26,000.00 | \$ 26,000.00 | 60% | \$ 15,600.00 |
| 14                             | 0.0% |                                |   |    |           | \$ -         | 60% | \$ -         |
|                                | 1.1% | Construction Engineering Total |   |    |           | \$ 113,813   | 60% | \$ 68,288.08 |

| Construction Costs |      |                                |      |     |            |               |     |               |
|--------------------|------|--------------------------------|------|-----|------------|---------------|-----|---------------|
| 15                 | 0.6% | Mobilization                   | 1    | LS  | 65,646.98  | \$ 65,646.98  | 60% | \$ 39,388.19  |
| 16                 | 0.0% | Bonding                        | 0    |     |            | \$ -          | 60% | \$ -          |
| 17                 | 0.0% | Insurance                      | 0    |     |            | \$ -          | 60% | \$ -          |
| 18                 | 0.0% | Temporary Water                | 1    | LS  | 1.00       | \$ 1.00       | 60% | \$ 0.60       |
| 19                 | 0.0% | Hydrant - Remove               | 5    | EA  | 700.00     | \$ 3,500.00   | 60% | \$ 2,100.00   |
| 20                 | 0.1% | Gate - Remove                  | 17   | EA  | 650.00     | \$ 11,050.00  | 60% | \$ 6,630.00   |
| 21                 | 0.1% | Removal of Water Pipe          | 898  | LF  | 6.00       | \$ 5,388.00   | 60% | \$ 3,232.80   |
| 22                 | 0.2% | Water Main 6 in                | 107  | LF  | 170.00     | \$ 18,190.00  | 60% | \$ 10,914.00  |
| 23                 | 0.4% | Water Main 8 in                | 149  | LF  | 285.00     | \$ 42,465.00  | 60% | \$ 25,479.00  |
| 24                 | 0.0% | Water Main 10 in               | 10   | LF  | 455.00     | \$ 4,550.00   | 60% | \$ 2,730.00   |
| 25                 | 0.3% | Fittings                       | 1050 | LBS | 30.00      | \$ 31,500.00  | 60% | \$ 18,900.00  |
| 26                 | 0.3% | Connection to Existing Line    | 24   | EA  | 1,500.00   | \$ 36,000.00  | 60% | \$ 21,600.00  |
| 27                 | 0.9% | Curb Stop                      | 23   | EA  | 3,997.83   | \$ 91,950.00  | 60% | \$ 55,170.00  |
| 28                 | 0.3% | Water Service Line             | 694  | LF  | 39.47      | \$ 27,390.00  | 60% | \$ 16,434.00  |
| 29                 | 1.0% | Gate Valve                     | 18   | EA  | 5,666.67   | \$ 102,000.00 | 60% | \$ 61,200.00  |
| 30                 | 0.4% | Hydrant                        | 5    | EA  | 9,000.00   | \$ 45,000.00  | 60% | \$ 27,000.00  |
| 31                 | 0.2% | Removals - Surface             | 1    | LS  | 24,443.82  | \$ 24,443.82  | 60% | \$ 14,666.29  |
| 32                 | 0.2% | Earthwork                      | 1    | LS  | 18,153.62  | \$ 18,153.62  | 60% | \$ 10,892.17  |
| 33                 | 1.3% | Paving                         | 1    | LS  | 133,100.45 | \$ 133,100.45 | 60% | \$ 79,860.27  |
| 34                 | 0.1% | Surface Restoration            | 1    | LS  | 5,292.33   | \$ 5,292.33   | 60% | \$ 3,175.40   |
| 35                 | 0.1% | Traffic Control                | 1    | LS  | 10,874.35  | \$ 10,874.35  | 60% | \$ 6,524.61   |
| 36                 | 0.2% | General                        | 1    | LS  | 15,822.93  | \$ 15,822.93  | 60% | \$ 9,493.76   |
|                    |      | Construction Sub-Total         |      |     |            | \$ 692,318.48 | 60% | \$ 415,391.09 |
|                    | 0.7% | Allowable Contingency (10%)    |      |     |            | \$ 69,231.85  | 60% | \$ 41,539.11  |
|                    | 0.0% | Elective Contingency Reduction | 0    |     | -          | \$ -          | 60% | \$ -          |
|                    | 7.4% | Construction Total             |      |     |            | \$ 761,550.33 | 60% | \$ 456,930.20 |

|                          |                        |     |                      |
|--------------------------|------------------------|-----|----------------------|
| Eligible Preconstruction | \$ 131,534.00          | 60% | \$ 78,920.40         |
| Eligible Construction    | \$ 875,363.79          | 60% | \$ 525,218.27        |
| <b>Eligible Total</b>    | <b>\$ 1,006,897.79</b> | 60% | <b>\$ 604,138.67</b> |

|                                  |      |                                           |   |    |            |            |    |    |   |
|----------------------------------|------|-------------------------------------------|---|----|------------|------------|----|----|---|
| Ineligible Preconstruction Costs |      |                                           |   |    |            |            |    |    |   |
| 37                               | 8.5% | Other Preconstr. Eng. (Not Water Related) | 1 | LS | 870,123.37 | \$ 870,123 | 0% | \$ | - |
| 38                               | 0.0% |                                           | 0 |    | -          | \$ -       | 0% | \$ | - |
| 39                               | 0.0% |                                           | 0 |    | -          | \$ -       | 0% | \$ | - |
| 40                               | 0.0% |                                           | 0 |    | -          | \$ -       | 0% | \$ | - |
|                                  | 8.5% | Preconstruction Ineligible Total          |   |    |            | \$ 870,123 | 0% | \$ | - |

| Ineligible Construction Costs |       |                                        |   |    |              |                 |    |      |
|-------------------------------|-------|----------------------------------------|---|----|--------------|-----------------|----|------|
| 41                            | 69.8% | Other Constr. (Not Water Related)      | 1 | LS | 7,181,849.68 | \$ 7,181,849.68 | 0% | \$ - |
| 42                            | 10.7% | Other Constr. Eng. (Not Water Related) | 1 | LS | 1,096,129.16 | \$ 1,096,129.16 | 0% | \$ - |
| 43                            | 1.3%  | Legal Expenses                         | 1 | LS | 135,000.00   | \$ 135,000.00   | 0% | \$ - |
| 44                            | 0.0%  |                                        | 0 |    | -            | \$ -            | 0% | \$ - |
|                               | 81.8% | Construction Ineligible Total          |   |    |              | \$ 8,412,978.84 | 0% | \$ - |

|                         |                         |           |             |
|-------------------------|-------------------------|-----------|-------------|
| <b>Ineligible Total</b> | <b>\$ 9,283,102.21</b>  | <b>0%</b> | <b>\$ -</b> |
| <b>Project Total</b>    | <b>\$ 10,290,000.00</b> |           |             |

|                                                   |                        |            |                      |
|---------------------------------------------------|------------------------|------------|----------------------|
| <b>Federal or State Funds That Supplant Costs</b> | <b>\$ -</b>            |            |                      |
| <b>Eligible Cost Total</b>                        | <b>\$ 1,006,897.79</b> | <b>60%</b> | <b>\$ 604,138.67</b> |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.

## Life Cycle Cost Analysis Review

**Sponsor:** City of Casselton  
**Project Title:** Downtown Improvements  
**Date:** March 24, 2026

### Explanation of Alternatives:

- **Partial Water Replacement - Preferred Alternative:** Replace only metal components of the drinking water system (fittings, gate valves, hydrants, curb stops, and service lines) as a part of a large project that fully replaces storm, sewer, and street infrastructure.
- **Full-Scope Infrastructure Project - Partial Water Replacement:** Replace only metal components of the drinking water system (fittings, gate valves, hydrants, curb stops, and service lines) and fully replace storm, sewer, and street infrastructure
- **Full-Scope Infrastructure Project - Full Water Replacement:** Fully replace water, storm, sewer, and street infrastructure.
- **“Do-Nothing”:** Water, sanitary sewer, storm sewer, and street infrastructure in the project area remain as-is. No rehabilitation or replacements occur.

### Inputs:

|                                 |    |                                                    |           |
|---------------------------------|----|----------------------------------------------------|-----------|
| New Connections Served          | 0  | Current CIF Balance                                | \$220,000 |
| Future Connections Served       | 0  | Annual CIF Contribution                            | \$64,200  |
| Current Connections Served      | 28 | Cash Funding Target (Percentage %) New Assets      | 10%       |
| Net Connections (New + Current) | 28 | Cash Funding Target (Percentage %) Existing Assets | 20%       |
|                                 |    | Annual CIF Contribution suggested for the Project  | \$432     |

|                   | Preferred: Partial Water Replacement and Full Storm, Sewer, and Street Replacement - Eligible Costs | Full- Scope Infrastructure Project - Partial Water Replacement | Full Scope Infrastructure Project - Full Water Replacement | Do Nothing |
|-------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------|
| Construction Cost | \$1,006,600                                                                                         | \$10,290,000                                                   | \$10,494,200                                               | \$0        |
| Annual O & M      | \$10,000                                                                                            | \$10,000                                                       | \$10,000                                                   | \$30,000   |

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                                            | Preferred: Partial Water Replacement and Full Storm, Sewer, and Street Replacement - Eligible Costs | Full- Scope Infrastructure Project - Partial Water Replacement | Full Scope Infrastructure Project - Full Water Replacement | Do Nothing       |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------|------------------------------------------------------------|------------------|
| Present Value                              |                                                                                                     |                                                                |                                                            |                  |
| Capital Costs                              | \$1,007,000                                                                                         | \$10,290,000                                                   | \$10,494,000                                               | \$0              |
| O&M                                        | \$242,000                                                                                           | \$242,000                                                      | \$242,000                                                  | \$757,000        |
| Repair, Rehab, Replacement                 | \$55,000                                                                                            | \$85,000                                                       | \$104,000                                                  | \$0              |
| Salvage Value                              | \$13,000                                                                                            | \$21,000                                                       | \$26,000                                                   | \$0              |
| <b>Total PVC</b>                           | <b>\$1,291,000</b>                                                                                  | <b>\$10,596,000</b>                                            | <b>\$10,814,000</b>                                        | <b>\$757,000</b> |
| <b>PV Cost Per User</b>                    | <b>\$46,107</b>                                                                                     | <b>\$378,429</b>                                               | <b>\$386,214</b>                                           | <b>\$27,036</b>  |
| Construction Cost Per User                 | \$35,950                                                                                            | \$367,500                                                      | \$374,793                                                  | \$0              |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$48</b>                                                                                         |                                                                |                                                            |                  |
| <b>Comparable Water Rate</b>               | <b>\$61</b>                                                                                         |                                                                |                                                            |                  |
| Net Connections (New + Current)            | 28                                                                                                  | 28                                                             | 28                                                         | 28               |
| Cost-Share Percent                         | 60%                                                                                                 | 60%                                                            | 60%                                                        | 60%              |
| Local Share                                | \$402,800                                                                                           | \$4,116,000                                                    | \$4,197,600                                                | \$0              |
| Other Funding                              | \$0                                                                                                 | \$0                                                            | \$0                                                        | \$0              |
| Total Local                                | \$402,800                                                                                           | \$4,116,000                                                    | \$4,197,600                                                | \$0              |
| <b>Payment Per User With Cost-Share</b>    | <b>\$72.77</b>                                                                                      | <b>\$743.65</b>                                                | <b>\$758.39</b>                                            | <b>\$0.00</b>    |
| Local Share                                | \$1,007,000                                                                                         | \$10,290,000                                                   | \$10,494,000                                               | \$0              |
| Other Funding                              | \$0                                                                                                 | \$0                                                            | \$0                                                        | \$0              |
| Total Local                                | \$1,007,000                                                                                         | \$10,290,000                                                   | \$10,494,000                                               | \$0              |
| <b>Payment Per User Without Cost-Share</b> | <b>\$181.94</b>                                                                                     | <b>\$1,859.12</b>                                              | <b>\$1,895.98</b>                                          | <b>\$0.00</b>    |

### Explanation of Results:

The preferred project replaces all metal components of the drinking water system as a part of a larger infrastructure project that fully replaces storm, sewer, and street infrastructure. Total present value cost is \$1,291,000 and total construction cost is \$1,006,600. Present value cost per user is \$46,107 and construction cost per user is \$35,950. The monthly cost with 60% DWR cost-share participation is \$72.77 per user and \$181.94 per user without DWR participation.

| ND Dept. of Commerce | Year  |       | Annual Population Growth Rate | Average Annual Population Increase/Decrease |
|----------------------|-------|-------|-------------------------------|---------------------------------------------|
|                      | 2010  | 2020  |                               |                                             |
| Population & Trends  | 2,329 | 2,486 | 0.5%                          | 16                                          |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.



SHEILA K. KLEVGARD, Auditor

MICHAEL FAUGHT, Mayor

LEE GROSSMAN, City Attorney

February 10th, 2026

Lori Noack  
 Cost Share Program Administrator  
 North Dakota Department of Water Resources  
 1200 Memorial Highway  
 Bismarck, ND 58505-0850

RE: Casselton Downtown Improvements Project Construction Funding Request

Dear Lori:

The City of Casselton has initiated a project to replace the metal components of the drinking water system within a 5-block section of downtown Casselton. These components – which include fittings, gate valves, hydrants, curb stops, and service lines – are susceptible to corrosion in the acidic soils of the Red River Valley. The project area's PVC water mains were installed in the 1980's and do not require replacement or rehabilitation.

The project's scope also includes the replacement of the existing VCP sewer collection system, which was installed prior to the 1960's, and the replacement and expansion of the storm drainage system. The existing storm sewers are undersized, and the project area experiences localized flooding during heavy rainfall events. Finally, the project will replace the streets in the project area. A recent assessment found the roadway surfaces to be in poor condition, characterized by widespread cracking, potholes, and surface wear.

In September 2025, the City received \$78,920 in DWR preconstruction cost share assistance for preliminary design, environmental assessment, geotechnical investigations, final design, and bidding/negotiation (DWR Project No. 2050CAS). The City is now respectfully requesting 60% cost share for construction of the drinking water infrastructure improvements described above.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water to its residents and visitors. If you have any questions, please feel free to contact me or the City's engineer, Brandon Oye, at [brandon.oye@mooreengineeringinc.com](mailto:brandon.oye@mooreengineeringinc.com) or (701) 282-4692.

Sincerely,

Sheila Klevgard  
 City Auditor

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**CITY OF CASSELTON** PO Box 548 Casselton, North Dakota 58012

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**CITY OF CASSELTON**  
**Monday, February 2, 2026**  
**REGULAR MEETING 7:00 P.M.**  
**Council Chambers**

Present: Mayor Michael Faught, Councilmembers Sam Wagner, Blaine Nichols, Charlie Francis, Jake Ansberry, and Mason Vance. Also present: Jared Nelson, Deputy Kayla Voigt, Deputy Emma Saewert, Wanda Wilcox, Becky Dunker, Tom Roach, John Hejl, City Auditor Sheila Klevgard, Public Works Supervisor Will Lipp, City Engineer Brandon Oye, Dylan Dunn, Economic Development Director Adrienne Olson, Attorney Lee Grossman, and via Zoom: Mike Blevins, Sheila Krueger, Jared, KT Reel.

Following the Pledge of Allegiance Councilman Wagner made a motion, seconded by Councilmember Ansberry to approve the agenda with the addition of discussion regarding the graphics on the new garbage truck in the Public Works section of the meeting. All voted aye on roll call vote; **motion passed.**

**Consent Calendar**

The sheriff's deputy reported an animal bite due to reaching in on a dog fight, attempt to break into the coin operated laundry machine at Wurzer Apartments, several domestic reports for the same couple, and fraud has been reported targeting owners of lost animals requiring payment of fines to get the animal back. Report of suspicious activity at 2:00 am of people moving stuff out of the neighbor's house who were known to be out of town. It turns out that they were given permission, but it is a good reminder to stay in contact with your neighbors. Deputy Emma Saewert is the new night deputy through July; she grew up in Casselton and is happy to be back. Voigt is continuing work to amend the city court timeline and parking issues. Councilman Wagner made a motion, seconded by Councilman Vance to approve the police report, judge's report and delinquent utilities list. All voted aye on roll call vote; **motion passed.**

**Bills**

Pictures were used from Steve Carvell Photography and converted to the format required by the graphics company and enlarged for the wrap on the garbage truck. Councilmember Ansberry made a motion, seconded by Councilman Wagner to approve the following bills and refunds. All voted aye on roll call vote except Councilman Francis who voted nay; **motion passed.**

|                         |             |
|-------------------------|-------------|
| Advantage Computer      | \$575.00    |
| American Welding        | \$520.00    |
| Astoria Hotel           | \$880.00    |
| Auto Value              | \$29.98     |
| Bank of North Dakota    | \$30,787.50 |
| Richard Butler          | \$84.94     |
| Cass County Electric    | \$674.34    |
| Cass County Finance     | \$17,786.87 |
| Cass Rural Water Users  | \$24,324.40 |
| Casselton Parks & Rec   | \$14,304.24 |
| CEO Properties          | \$450.00    |
| City of Fargo           | \$5,709.45  |
| Dakota Supply Group     | \$1,596.66  |
| Economic Dev Assn of ND | \$300.00    |
| Empower                 | \$500.00    |
| Everspring Inn & Suites | \$110.00    |
| Freedom and Glory       | \$512.25    |
| Hardware Hank           | \$84.01     |
| Hawkins, Inc.           | \$1,535.06  |
| Thomas Henry            | \$83.84     |
| iSolved                 | \$50.00     |

|                       |             |
|-----------------------|-------------|
| Jerry's Excavating    | \$2,142.86  |
| Jim's Towing          | \$370.00    |
| Nathan Keller         | \$21.39     |
| Knight Printing       | \$206.20    |
| Larson Welding        | \$187.42    |
| Lemke Exteriors       | \$3,050.00  |
| William Lipp          | \$25.00     |
| Luz Alterations       | \$26.75     |
| Maguire Iron          | \$7,175.00  |
| Mid America Meter     | \$321.50    |
| Midnight Solutions    | \$463.54    |
| Moore Engineering     | \$97,768.51 |
| NDLC                  | \$2,281.00  |
| NDPHIT                | \$19,057.54 |
| ND DOT                | \$4,337.90  |
| North Dakota One Call | \$13.50     |
| Old National Bank     | \$4,788.47  |
| Adrienne Olson        | \$66.60     |
| Open A Over Lazy H    | \$450.00    |
| Ottertall Power       | \$6,531.26  |
| Petro Serve USA       | \$540.29    |

**CITY OF CASSELTON**  
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**REGULAR MEETING 7:00 P.M.**  
**Council Chambers**

|                               |            |
|-------------------------------|------------|
| Powerplan                     | \$128.60   |
| Principal Life Ins Co         | \$95.44    |
| Sam's Club                    | \$37.60    |
| Sanford Health Occ Med Clinic | \$57.00    |
| Steve Carvell Photography     | \$650.00   |
| SW&L Attorneys                | 13378.8    |
| TJ Holdings                   | \$1,750.00 |

|                    |            |
|--------------------|------------|
| US Postal Service  | \$402.01   |
| Verizon Wireless   | \$124.80   |
| Vestis             | \$269.54   |
| Waste Management   | \$3,975.64 |
| Watts Ace Hardware | \$56.55    |
| Xcel               | \$604.00   |

**Financial Statement**

Councilman Wagner made a motion, seconded by Councilman Vance, to approve the financial statements. General Fund \$218,249.59; Special Revenue Funds \$4,951,321.80; Debt Service Funds \$923,993.11; Self-Finance Funds \$973,786.30; Construction Funds \$(1,018,562.90); Special Assessment Funds \$1,418,550.26; Enterprise Funds \$625,579.25; Trust and Agency Funds \$63,143.53; total \$8,156,060.94. All voted aye on roll call vote; **motion passed.**

**Committee Reports**

*Public Works* – The landfill fee for water heaters is at \$18 which is the same as small appliances such as microwaves. Recommendation was to increase the fee to \$25, in line with the large appliance rate, as it is about the same amount of metal. Councilman Wagner made a motion, seconded by Councilman Ansberry, to approve changing the fee from \$18 to \$25. All voted aye on roll call vote; **motion passed.**

Six places were called for bids on a service truck with a crane. Wallwork Truck Center came in with lowest price of \$124,745; \$50,000 less than budgeted. The old service truck will get sold after the new one is received, which is expected to take six to eight weeks as the service body needs to get installed. Councilman Wagner made a motion, seconded by Councilman Nichols, to approve the purchase of a new service truck from Wallworks for \$124,745. All voted aye on roll call vote; **motion passed.**

The approved amount from the January meeting for the new garbage truck included an estimate of \$3,500 for a graphics wrap which included the price for the photo from Steve Carvell Photography; the city logo that was put on the last truck was \$1,000. Councilman Francis would have liked for there to have been some discussion on it, even though the cost was shown on the document presented for approval. Councilman Wagner suggested to go the minimalist route in the future.

*Economic Development* – On the Third Thursday of each month businesses on Front Street are staying open later; and at 9 am on the fourth Thursday businesses are meeting at Java Jungle to connect with others; CBA is hiring a part-time coordinator with half of the membership fees to drive more business activity. The traffic study will start by early March to see if any upgrades will be needed on Governor's Drive. \$10,000 Thrive grant was awarded to Red Baron; a limit of five grants are allocated from sales tax each year.

**Cemetery GIS**

Becky Dunker, cemetery board president, online mapping system was available on the city website to help family members find loved ones' graves. It was started in 2018 at a cost of \$3,285 to Bolton & Menk to create and update the system and took two years to enter information of over 2,000 graves. GIS for the cemetery has not been available on the city website since it is no longer served by Bolton & Menk since last summer. ARC-GIS online account is set up with and paid to ESRI and Moore Engineering now hosts the data; only a few of their cities request the login to make their own edits. Dunker stated that Bolton & Menk's data didn't come through completely to Moore but a copy of all data that was entered was available in Excel. The cemetery did not know hosting of the data was getting switched over to Moore but had been told they will not be charged for edits to get them back to where they were at the time of the switch over. Dunker requested assurance they will not be charged which Brandon Oye provided. It was noted that city data was prioritized ahead of cemetery data as city employees use the information to complete their work daily. Councilman Wagner made a motion, seconded by Councilman Francis, to cover the cemetery GIS expenses and any edit

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charges perpetually. All voted aye on roll call vote; **motion passed.**

**Engineer's Agenda**

*Governor's Drive Shared Use Path (Phase 1); Path Imp. District No. 2024-2 – No update.*

**Downtown Improvements** – Engineers would like to get bids now even though there are a few small changes that still need to be made. The tree board recommends that no trees are planted but did provide a list of tree varieties as requested. Additional changes need to be made on the storm water model requiring work to cross the tracks on the east side of the project and will require a permit. This addition may require the bid deadline to be a bit later. Councilman Wagner made a motion, seconded by Councilman Vance, to approve the resolution to approve plans and specs contingent on approval by Moore Engineering and the public works supervisor. All voted aye on roll call vote; **motion passed.** Councilman Wagner made a motion, seconded by Councilman Ansberry, to approve the resolution directing the auditor to advertise for bids. All voted aye on roll call vote; **motion passed.** Councilman Wagner made a motion, seconded by Councilman Ansberry, to authorize the auditor to submit the application with DWR for a 60% construction cost share. All voted aye on roll call vote; **motion passed.** The project is currently tracking ahead of schedule by about two weeks.

**Water System Study** – Still need to finalize scoping of what will be included in the study and what outputs will be provided but an engineering agreement was presented to allow them to start on water system model updates and the Department of Water Resources application should be submitted now to include all engineering costs. No additional work will be performed prior to submission of the application. Councilman Ansberry made a motion, seconded by Councilman Wagner, to approve the engineering agreement. All voted aye on roll call vote; **motion passed.** Councilman Wagner made a motion, seconded by Councilman Vance, to authorize the auditor to submit the pre-construction cost share application with DWR. All voted aye on roll call vote; **motion passed.**

**Highway 18 Corridor Study** – Moore was asked to sit on the review committee in addition to Will Lipp and Adrienne Olson. Councilman Wagner made a motion, seconded by Councilman Ansberry, to approve the engineering agreement. All voted aye on roll call vote; **motion passed.** A study would be needed to show support for any proposed lane changes to the highway.

Councilman Wagner made a motion to adjourn at 8:00 pm.

Next regular meeting Monday, March 2, 2026, at 7:00 pm.

Respectfully Submitted,

Approved:

Sheila K Klevgard  
City Auditor

Michael Faught  
Mayor

**CITY OF CASSELTON**  
**Monday, May 5, 2025**  
**REGULAR MEETING 7:00 P.M.**  
**Council Chambers**

Present: Mayor Michael Faught, Councilmen Blaine Nichols, Charlie Francis, Sam Wagner, Sarah Michels, Mason Vance and Jake Ansberry. Also present: Gary Lee, Gary Gunderson, Bill Hejl, Brandy Pyle, Michele Rieniets, Barry Heck, Randy Krause, Ian Krause, Alex Richard, Steve Link, City Auditor Sheila Klevgard, Public Works Director Kevin Mayer, Public Works Supervisor Will Lipp, City Engineer Brandon Oye, Dylan Dunn, Economic Development Director Adrienne Olson, Deputy Kayla Voigt, City Attorney Lee Grossman and via Zoom: Denny Buchholz, Audrey Gunderson, Michael Faught, Michael Olson, Midwest Inspection Services, Thomas Buchholz, Alan Halvorson, Angela Kolden, Dan Weber.

Following the Pledge of Allegiance Councilman Michels made a motion, seconded by Councilman Ansberry to approve the agenda. All voted aye on roll call vote; **motion passed.**

**Consent Calendar**

Police report: There were 405 calls for service including two vehicles impounded due to unpaid parking tickets, nine disturbance calls on neighbors and a laser pointer pointed at cars, which is dangerous. Reminder that people do not need to let someone into their house if they don't know who they are. Tips of the month: Report odd or strange activity immediately, check on your storage units regularly as there was a burglary at the fenced storage units in town and although a golf cart or OHV may be street legal, the driver must also be properly licensed. Also, a golf cart can cross Langer Avenue but cannot be driven down it. Councilman Vance made a motion, seconded by Councilman Ansberry to approve the police report, judge's report, and delinquent utilities list, gaming site authorization for Horse Race North Dakota at Dusty's Bar & Grill, and raffle permit for Swanks Car Club. All voted aye on roll call vote; **motion passed.**

**Bills**

Councilman Vance made a motion, seconded by Councilman Nichols to approve the following bills and refunds. All voted aye on roll call vote; **motion passed.**

|                          |              |
|--------------------------|--------------|
| Auto Value               | \$949.97     |
| Bank of North Dakota     | \$433,981.51 |
| Todd Berger              | \$232.50     |
| Bremer Cardmember Svcs   | \$1,677.95   |
| Business Essentials      | \$63.31      |
| Cass County Electric     | \$470.53     |
| Cass County Finance      | \$17,458.08  |
| Cass County Reporter     | \$1,077.41   |
| Cass Rural Water Users   | \$32,137.60  |
| Casselton Development Co | \$300.00     |
| Casselton Fire Dept      | \$24,750.00  |
| Casselton Parks & Rec    | \$13,594.50  |
| CEO Properties           | \$450.00     |
| City of Fargo            | \$5,135.37   |
| Empower                  | \$500.00     |
| Gordy's Service Center   | \$232.60     |
| Todd W & Lori A Hanson   | \$300.00     |
| Hardware Hank            | \$55.83      |
| Inland Truck Parts       | \$264.70     |
| Mary Jendro              | \$232.50     |
| Job Dev Authority        | \$761.03     |
| Knight Printing          | \$303.24     |

|                             |             |
|-----------------------------|-------------|
| Gary Lee                    | \$232.50    |
| Loeering Properties         | \$396.72    |
| Mac's                       | \$96.27     |
| Mid America Meter           | \$873.50    |
| Midnight Solutions          | \$384.10    |
| Midwest Inspection Services | \$928.20    |
| Moore Engineering           | \$38,873.90 |
| North Dakota One Call       | \$57.85     |
| Adrienne Olson              | \$180.00    |
| Open A Over Lazy H          | \$450.00    |
| Ottertail Power             | \$6,415.40  |
| Petro Serve USA             | \$726.46    |
| Powerplan                   | \$152.92    |
| Principal Life Ins Co       | \$131.23    |
| RDO Equipment               | \$606.54    |
| Phillip Reeves              | \$232.50    |
| Sam's Club                  | \$74.52     |
| Francie Strand              | \$232.50    |
| SW&L Attorneys              | \$11,660.80 |
| Roy Swanson Sr              | \$1,050.00  |
| Swanston Equipment          | \$1,282.95  |
| Team Laboratory             | \$17,320.00 |

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|                  |            |
|------------------|------------|
| TJ Holdings      | \$1,750.00 |
| Tim Utt          | \$40.00    |
| Verizon Wireless | \$216.79   |
| Vestis           | \$388.28   |

|                    |            |
|--------------------|------------|
| Waste Management   | \$3,894.07 |
| Watts Ace Hardware | \$109.72   |
| Corey & Nikki Wixo | \$300.00   |
| Xcel               | \$248.57   |

**Financial Statement**

Councilman Nichols made a motion, seconded by Councilman Vance, to approve the financial statement. General Fund \$184,049.96; Special Revenue Funds \$4,743,807.11; Debt Service Funds \$1,673,288.23; Self-Finance Funds \$1,235,235.33; Construction Funds \$(328,531.21); Special Assessment Funds \$1,317,932.85; Enterprise Funds \$663,878.70; Trust and Agency Funds \$41,638.62; total \$9,531,299.59. All voted aye on roll call vote; **motion passed.**

**Correspondence**

The next county Road Advisory Committee meeting is scheduled for July 21, 2025. Public Works Director Kevin Mayer submitted a letter announcing his retirement date as July 25, 2025.

**Public Forum**

State Representative Brandy Pyle read her statement regarding the behavior and word choice of certain council members and how it reflected poorly on the city. After her statement Councilman Wagner thanked her as a state representative for passing the Primary Residence Credit which stacked on top of the homestead and veteran's credits. She also responded that the sanitary sewer funding that passed will require some time for DEQ to get the program up and running.

**Public Works**

Most of the meeting was on the Downtown Reconstruction project which will be addressed later in the meeting. New committee members received background information and an update on 2023-3 project improvements.

**Committee Reports**

*Ordinance* – They are searching for someone to do a dust study and anticipate it would need to be addressed by someone like Department of Environmental Quality. Councilman Ansberry's business collects samples for air quality testing and sends the samples to a lab in Wisconsin. They are also searching for someone to perform a noise study and working on changes to the liquor ordinance.

*Finance* – They discussed what sales tax could be used for and will continue discussions as they start working on the budget.

*Fire and Police* – They need to review proposed changes in the contract before bringing to council.

*Property* – Denny Buchholz is willing to sell his Car Doctor property as well as the property across the street to the north. Councilman Francis made a motion, seconded by Councilman Ansberry to pursue an appraisal for both properties. All voted aye on voice vote; **motion passed.**

*EDC* – The Renaissance Zone area has been approved by the state with the only requirement of removing one block as the plan has one too many blocks shown. Block 26 will be removed as this block contains all residential homes which are unlikely to use the incentive. The mural will be installed tomorrow with an event at 4:00pm on Wednesday with ice cream and chalk art. About 50 people visited the four open building spaces and available apartments.

**Zoom Meeting Policy**

This topic was tabled at the request of the mayor at the last meeting, but he was not in attendance at this meeting so Councilman Francis made a motion, seconded by Councilman Vance to table the topic again until next month. All voted aye on roll call vote; **motion passed.**



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**Resolution to Vacate Street**

No comments were received from the public so council can move forward with the resolution to vacate as an ordinance which will get recorded with the adjacent properties. Councilman Michels made a motion, seconded by Councilman Francis to approve the resolution to vacate the street. All voted aye on roll call vote; **motion passed.**

**Records Disposal**

Councilman Francis made a motion, seconded by Councilman Ansberry to approve the disposal of records. All voted aye on roll call vote; **motion passed.**

**Tower Site Lease Agreement**

The original agreement was from 2001; the new agreement was presented with revisions by SWL Attorneys. Great Plains Tower Properties would like to get NDDOT equipment on their tower with the NDDOT requesting a 50-year lease period. Great Plains requested 75 years, but the attorney recommended the 50-year term. The dollar amount will need to have an annual increase to prevent a stagnant rental rate. Councilman Francis made a motion, seconded by Councilman Michels to approve the agreement with the shown changes and a starting rate of \$500 per month with a 10% increase every five years. All voted aye on roll call vote; **motion passed.**

**Easement with Cass Rural Water Users**

Cass Rural Water Users is requesting a pipeline easement through the triangle area between Highway 10 and 18. Councilman Francis made a motion, seconded by Councilman Michels to approve the easement. All voted aye on roll call vote; **motion passed.**

**First Reading of Sales Tax Ordinance**

The election results for approval of the ordinance passed by 77%. Councilman Ansberry made a motion, seconded by Councilman Vance to approve the first reading of the ordinance. All voted aye on roll call vote; **motion passed.**

**Official Newspaper**

Councilman Francis made a motion, seconded by Councilman Vance to designate the Cass County Reporter as the official city newspaper. All voted aye on roll call vote; **motion passed.**

**Engineer's Agenda**

*2<sup>nd</sup> Street N Water & Cottonwood/Morningside Water Main Looping; District No. 2023-1* – Moore will be getting an update on timing for the chip seal soon.

*Governor's Drive Shared Use Path (Phase 1); Path Imp. District No. 2024-2* – The preconstruction meeting is set for tomorrow at 2:00pm. The plan is to start with the bridge which will take the longest, with the project being complete by the end of September/early October. Letters have been sent to the properties along the project area.

*Downtown Improvements* – Moore completed the engineer's report. An improvement district is needed to special assess the project although the plan is to cover the citywide specials with sales tax. Councilman Francis made a motion, seconded by Councilman Ansberry to approve the Resolution to Create Improvement District 2026-1. All voted aye on roll call vote; **motion passed.** Councilman Vance made a motion, seconded by Councilman Francis to approve the resolution calling for the engineer's report. All voted aye on roll call vote; **motion passed.** Councilman Ansberry made a motion, seconded by Councilman Michels to approve the resolution to approve the engineer's report. All voted aye on roll call vote; **motion passed.** Councilman Ansberry made a motion, seconded by Councilman Francis to approve the resolution declaring the necessity of the improvements. All voted aye on roll call vote; **motion passed.** Notice of the project will be published with the date of the protest meeting which can be no sooner than 30 days after publication. Councilman Francis made a motion, seconded by Councilman Nichols to schedule the protest meeting for June 16, 2025 at 7:00pm in the Veterans Memorial Auditorium. All voted aye on roll call vote; **motion passed.** Oye recommended to

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try to share the plan with the community prior to the meeting date and communicate that there will be an update on the project during the regular June council meeting. Residents as a whole will see an increase in their water bill only.

*Flood Damage Ordinance & Basement Exception* – It is a tight timeframe for submittal to FEMA for review and approval by September 6. KLJ indicated six weeks for their geotechnical report and final report on structural design requirements for floodproof basements, and FEMA indicated six weeks for their approval. KLJ will provide their fees and agreement for approval which may require a special meeting to meet the deadlines. The basement exception is needed to allow basements in the floodplain. Councilman Michels made a motion, seconded by Councilman Ansberry to pay for this project from the Sewer Surcharge Reserve fund. All voted aye on roll call vote; **motion passed**.

The Moore & Friends Golf Tourney will be on July 30<sup>th</sup> at 1:15pm at the Valley City Town & Country Club.

Councilman Francis made a motion to adjourn at 8:38 pm.

Next regular meeting Monday, June 2, 2025, at 7:00 pm.

Respectfully Submitted,

Approved:

Sheila K Klevgard  
City Auditor

Michael Faught  
Mayor

# 1087627 - North Main Water Loop

## Application Details

|                                                      |                                |                      |
|------------------------------------------------------|--------------------------------|----------------------|
| <b>Funding Opportunity:</b>                          | <b>Initial Submit Date:</b>    | Apr 23, 2026 3:56 PM |
| 1085949-July 2025 - June 2026 Infrastructure Request | <b>Initially Submitted By:</b> | Chayla Hansen        |
| <b>Funding Opportunity Due Date:</b>                 | <b>Last Submit Date:</b>       |                      |
| Jun 30, 2026 3:00 PM                                 | <b>Last Submitted By:</b>      |                      |
| <b>Program Area:</b>                                 |                                |                      |
| Funding for Infrastructure in ND - FIND              |                                |                      |
| <b>Status:</b>                                       |                                | Submitted            |
| <b>Stage:</b>                                        |                                | Final Application    |

## Contact Information

### Primary Contact Information

|                      |                                         |
|----------------------|-----------------------------------------|
| <b>Active User*:</b> | Yes                                     |
| <b>Type:</b>         | External User                           |
| <b>Name:</b>         | Salutation    Melissa<br>First Name     |
| Middle Name          | Rotzien                                 |
| Last Name            |                                         |
| <b>Title:</b>        |                                         |
| <b>Email*:</b>       | melissa.rotzien@mooreengineeringinc.com |
| <b>Address*:</b>     |                                         |
|                      | 4503 Coleman Street, Suite 105          |

### Organization Information

|                              |                       |
|------------------------------|-----------------------|
| <b>Status*:</b>              | Approved              |
| <b>Name*:</b>                | City of Harwood       |
| <b>Organization Type*:</b>   | Political Subdivision |
| <b>Tax Id:</b>               | 45-0371534            |
| <b>Organization Website:</b> |                       |
| <b>Address*:</b>             | 108 Main Street       |
|                              | PO Box 65             |

|                  |              |                |                                    |
|------------------|--------------|----------------|------------------------------------|
|                  | Harwood      | North Dakota   |                                    |
|                  | City         | State/Province |                                    |
|                  |              |                | 58042-0000                         |
|                  | Bismarck     | North Dakota   | Postal Code/Zip                    |
|                  | City         | State/Province |                                    |
| 58503            |              |                | <b>Phone*:</b> (701) 281-0314 Ext. |
| Postal Code/Zip  |              |                | ###-###-####                       |
| <b>Phone*:</b>   | 701-751-8374 | Ext.           | <b>Fax:</b> ###-###-####           |
|                  | Phone        |                |                                    |
|                  | ###-###-#### |                | <b>Vendor ID:</b>                  |
| <b>Fax:</b>      | ###-###-#### |                | <b>PeopleSoft</b>                  |
|                  |              |                | <b>Supplier ID:</b>                |
| <b>Comments:</b> |              |                | <b>Comments:</b>                   |
|                  |              |                | <b>Location</b>                    |
|                  |              |                | <b>Code:</b>                       |
|                  |              |                | <b>SAM UEI #:</b>                  |
|                  |              |                | <b>SAM</b>                         |
|                  |              |                | <b>Validation:</b>                 |
|                  |              |                | <b>SAM</b>                         |
|                  |              |                | <b>Expiration</b>                  |
|                  |              |                | <b>Date:</b>                       |
|                  |              |                | <b>SAM</b>                         |
|                  |              |                | <b>Exclusion</b>                   |
|                  |              |                | <b>Flag:</b>                       |
|                  |              |                | <b>SAM Last</b>                    |
|                  |              |                | <b>Updated:</b>                    |

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

|                                 |                       |
|---------------------------------|-----------------------|
| <b>Project Name*:</b>           | North Water Main Loop |
| <b>Sponsor(s)*:</b>             | City of Harwood       |
| <b>County*:</b>                 | Cass                  |
| <b>City*:</b>                   | Harwood               |
| <b>Description of Request*:</b> | New                   |

**Project Type:** Municipal Water Supply

**If Project is a Study, What Type?:**

**If Project is Rural Water Supply or Municipal Water Supply, What is the Name of the Water Supply Source?:** City of Harwood; West Fargo Aquifer

**Jurisdictions/Stakeholders Involved\*:**

City of Harwood

**Describe the Problem/Need and the Circumstances that Led to This Application\*:**

Existing water mains within the north subdivisions of the City of Harwood have a problem with dead ends that can lead to stagnation in the water distribution system. During periods of low water use, water sits in the pipes for long durations of time and the residual chlorine breaks down within the system. Regular flushing is required to maintain water quality and decrease the risk of contamination. Dead-ends also provide more challenges with maintenance of the water system, as locating and repairing leaks can be more challenging than with the service redundancy of a looped system.

**Describe the Proposed or Chosen Solution(s) to Address the Problem/Need\*:**

The proposed solution consists of a project to construct a water main loop east of Interstate 29 in the northern portion of the City. Constructing a new section of water main that connects the two dead-ends will provide the north side of the City with a looped system. This will provide increased water volume, water quality, improved water pressure, and eliminate stagnation issues. The project will accommodate ongoing growth the City has experienced in recent years. This project is on the State Water Plan maintained by the DWR as well as the Intended Use Plan administered by the NDDEQ.

**Describe the Objectives or Goals Specific to This Application\*:**

The objective of this application is to obtain DWR approval of eligible construction project costs.

**Describe the Scope of Work or Project Activities Specific to This Application\*:**

The scope of work includes the construction of the project, and all eligible "soft costs" associated with the construction phase (i.e., construction engineering, project inspection, geotechnical, right-of-way coordination).



For this project,

**Choose City, County, Water District or Other\*:** City

**What is the Current Estimated Population?\***: 800

For this project,

**What is the Benefited Population?\***: 800

**Have Assessment Districts Been Formed?\***: N/A

**Have Land or Easements Been Acquired?\***: Ongoing

**Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?\***: No

**Are There Any Road Improvements Included as Part of the Project?\***: No

**Have You Applied For Any Federal Permits?\***: N/A

**Have You Applied for any State Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

NDDOT Utility Occupancy Permit - ongoing. The permit will not be secured until a contractor has been awarded.

**Have You Been Approved for any State Permits?\***: No

**Have You Applied for any Local Permits?\***: Yes

**If Yes or Ongoing, Please Explain (include type/number):**

BNSF Railway Utility Crossing permit #26W-28640

Magellan Pipeline - General Encroachment permit is approved, permit #26-508

Cass County Utility permit is approved, permit # 2026-08

**Have You Been Approved For** Yes

**Any Local Permits?:**

**If Yes or Ongoing, Please**

**Explain**

**(include type/number):**

BNSF Railway - Utility Crossing permit is approved, permit #26W-28640

Magellan Pipeline - General Encroachment permit is approved, permit #26-508

Cass County - Utility permit is approved, permit # 2026-08

**Do You Expect Any** No

**Obstacles to Implementation**

**(i.e. Problems with Land**

**Acquisition, Permits,**

**Funding, Local Opposition,**

**Environmental Concerns,**

**etc.)?\*::**

**Have You Received, or Do** No

**You Anticipate Receiving**

**Federal Funding?**

(Example: Hazard Mitigation Grant  
Program)

\*::

## Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 08/2025

**Design Completion\*:** 04/2026

**Bid\*:** 4/30/2026

**Construction Start\*:** 07/01/2026

**Construction Completion\*:** 09/25/2026

**Explain Additional Timeline**

**Issues\*:**

N/A

**Consulting Engineer\*:** Andrew Aakre, PE, Moore Engineering

**Engineer Direct Phone Number\*:** 701-499-5887

**Engineer Email\*:** andrew.aakre@mooreengineeringinc.com

***Certification (Must Be Completed by Project Sponsor)***

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application Process Per NDCC 12.1-11-02. Therefore, I Certify That, to the Best of My Knowledge, the Provided Information is True and Accurate, and in Execution of This Project, the Sponsor Will Follow All Applicable Laws and Permitting Requirements. I Further Certify Assurance of Sustainable Operation, Maintenance, and Replacement of The Assets For Which We Are Requesting Cost-Share.\*:**

**Authorized Individual\*:** Chayla Hansen 04/23/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** 108 Main Street  
Address Line 1  
Address Line 2

City of Harwood North Dakota 58042-\_\_\_\_\_  
City State Zip Code

**Direct Phone Number\*:** 701-281-0314

**Sponsor Email\*:** auditor@cityofharwood.com

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

**Enter the Full Name of the Individual Who Has Legal Authority to Sign the Cost-Share Agreement on Behalf of the Sponsor:**

Blake Hankey  
First Name Last Name

**Authorized Signor Title/Position:**

Mayor

**Authorized Signor Email:**

bhankey@cityofharwood.com

**Authorized Signor Direct Phone Number:**

701-281-0314

**Provide the Name for One Additional Board Member, if Applicable:**

Jamie Nettum  
First Name Last Name

**Additional Board Member Title/Position:**

City Councilman

**Additional Board Member Email:**

jnettum@cityofharwood.com

**Additional Board Member Direct Phone Number:**

701-281-0314

## Documentation

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### *Documentation*

**Project in Extraterritorial Jurisdiction? If Yes, Add Boundary to Project Specific Map.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

24754\_DWR\_Exhibit\_20260422\_r.pdf

Must Include Project Location in State Using an Inset Map and Distance/Direction to Nearest Community

\*:

**Are You Seeking Funding From the State Revolving Fund or BND Infrastructure Revolving Loan Fund?\*** No

**Are You Seeking Department of Water Resources Cost-Share?\*** Yes

Attach Minutes (Can Be Draft and Unsigned), and a Cover Letter Acknowledging the Cost-Share Request that is Signed by a Representative of the Sponsoring Entity (Mayor, Board Chair, City Administrator, District Manager, Executive Director, Etc.).

**Minutes:** Harwood\_Minutes\_20260406.pdf

**Cover Letter:** 24754\_Harwood\_Construction\_CoverLetter\_20260406.pdf

**Are You Seeking Cost-Share for a Main Street Initiative Related Project?:** No

[CLICK HERE for SFN 61801 Delineation of Costs Instructions and Current Version.](#)

**Delineation of Costs SFN 61801:**

24754\_Harwood\_Construction\_DelineationCosts\_20260422\_MAR.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** 24754\_BiddingProjectManual\_20260408\_Signed.pdf

**Is This a Water Supply Project?:** Yes

[CLICK HERE for Life Cycle Cost Analysis Instructions and Current Version, as Shown on Title Tab.](#)

**Life Cycle Cost Analysis:** 24754\_Harwood\_Construction\_LCCA\_20260422.xlsx

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:** 24754\_Harwood\_Construction\_BAIA.xlsx

**Is This a Rural Flood Control Project?:** No

**Is This a Drain Reconstruction Project?:** No

**Is This a Flood Recovery Property Acquisition Project?:** No



If Request is for Construction of a Community Flood Control or Water Conveyance Project (Excluding Assessment Drain Projects), is the Total Construction Cost \$200,000 or More?:

No

Sovereign Land Permit, if Required for Construction Request:

DWR Construction Permit, if Required for Construction Request:

Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:

Has a Feasibility/Engineering Study Been Completed for the Project?:

Yes

Feasibility/Engineering Study Material: 24754\_FacilityPlan\_20250728\_Signed.pdf

Photos of Problem/Issue:

GIS Files: Please Compress All Files Into One .zip File.

Other Applicable Document(s):

Sources

Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)

|        |                                  | State               |         |         |          |            |      | Interest |      |
|--------|----------------------------------|---------------------|---------|---------|----------|------------|------|----------|------|
|        |                                  | Fiscal State Fiscal |         |         |          |            |      |          |      |
|        |                                  | Year 1              | Year 2  | Beyond  |          |            |      |          |      |
|        |                                  | July to             | July to | Current |          |            |      |          |      |
| Source | If Other, Specify Funding Source | Status              | June    | June    | Biennium | Total Cost | Type | Term     | Rate |

|                                                                           |                     |                    |                     |               |                     |       |      |      |
|---------------------------------------------------------------------------|---------------------|--------------------|---------------------|---------------|---------------------|-------|------|------|
| Department<br>of Water<br>Resources<br>Cost Share<br>Pre-<br>Construction | Already<br>Approved | \$47,640.00        | \$0.00              | \$0.00        | \$47,640.00         | Grant | 0.00 | 0.00 |
| Department<br>of Water<br>Resources<br>Cost Share<br>Construction         | Current<br>Request  | \$0.00             | \$491,128.86        | \$0.00        | \$491,128.86        | Grant | 0.00 | 0.00 |
| Drinking<br>Water State<br>Revolving<br>Fund                              | Future<br>Request   | \$0.00             | \$412,179.24        | \$0.00        | \$412,179.24        | Loan  | 0.00 | 0.00 |
|                                                                           |                     | <b>\$47,640.00</b> | <b>\$903,308.10</b> | <b>\$0.00</b> | <b>\$950,948.10</b> |       |      |      |





**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SPN 61801 (11/2025)

DWR Date Received : April 23, 2026

Date : 4/22/26  
Project : North Water Main Loop  
Sponsor : City of Harwood  
Contact : Chayla Hansen, City Auditor  
Phone : 701-281-0314  
Engineer : Andrew Aakre, PE, Moore Engineering  
Phone : (701) 499-5887

|                   |               |                     |               |
|-------------------|---------------|---------------------|---------------|
| Total Cost :      | \$ 950,948.10 | Total Cost-Share* : | \$ 538,768.86 |
| Ineligible Cost : | \$ 53,000.00  | Other Eligible:     | \$ -          |
| Eligible Cost :   | \$ 897,948.10 | Preconstruction :   | \$ 47,640.00  |
| Local Cost :      | \$ 412,179.24 | Construction :      | \$ 491,128.86 |

|                          |              |
|--------------------------|--------------|
| Project Type:            | Cost-share % |
| Water Supply - Municipal | 60%          |

|                                                                            |           | Cost Classification                       | Quantity | Unit  | Unit Price | Total         | Cost-Share % | Cost-Share \$ |
|----------------------------------------------------------------------------|-----------|-------------------------------------------|----------|-------|------------|---------------|--------------|---------------|
| BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs       |           |                                           |          |       |            |               |              |               |
| Item                                                                       | % of Cost |                                           |          |       |            |               |              |               |
| 1                                                                          | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 2                                                                          | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 3                                                                          | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 4                                                                          | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 5                                                                          | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 0.0%      | Other Eligible Total                      |          |       |            | \$ -          | 60%          | \$ -          |
| Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs |           |                                           |          |       |            |               |              |               |
| 6                                                                          | 6.2%      | Design and Bidding / Negotiations         | 1        | LS    | 59,100.00  | \$ 59,100.00  | 60%          | \$ 35,460.00  |
| 7                                                                          | 1.5%      | Environmental Document                    | 1        | LS    | 14,300.00  | \$ 14,300.00  | 60%          | \$ 8,580.00   |
| 8                                                                          | 0.6%      | DWR Reimbursement Assistance              | 1        | LS    | 6,000.00   | \$ 6,000.00   | 60%          | \$ 3,600.00   |
| 9                                                                          | 0.0%      |                                           |          |       |            | \$ -          | 60%          | \$ -          |
| 10                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 60%          | \$ -          |
|                                                                            | 8.3%      | Preconstruction Total                     |          |       |            | \$ 79,400.00  | 60%          | \$ 47,640.00  |
| Construction Engineering Costs                                             |           |                                           |          |       |            |               |              |               |
| 11                                                                         | 7.5%      | Construction Engineering                  | 1        | LS    | 71,500.00  | \$ 71,500.00  | 60%          | \$ 42,900.00  |
| 12                                                                         | 0.8%      | Geotechnical                              | 1        | LS    | 7,500.00   | \$ 7,500.00   | 60%          | \$ 4,500.00   |
| 13                                                                         | 0.5%      | ROW & Acquisition Services                | 1        | LS    | 5,000.00   | \$ 5,000.00   | 60%          | \$ 3,000.00   |
| 14                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 60%          | \$ -          |
| 15                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 60%          | \$ -          |
| 16                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 60%          | \$ -          |
| 17                                                                         | 0.0%      |                                           | 0        |       | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 8.8%      | Construction Engineering Total            |          |       |            | \$ 84,000     | 60%          | \$ 50,400.00  |
| Construction Costs                                                         |           |                                           |          |       |            |               |              |               |
| 18                                                                         | 6.0%      | Mobilization                              | 1        | L SUM | 57,500.00  | \$ 57,500.00  | 60%          | \$ 34,500.00  |
| 19                                                                         | 0.0%      | Bonding                                   | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 20                                                                         | 0.0%      | Insurance                                 | 0        |       | -          | \$ -          | 60%          | \$ -          |
| 21                                                                         | 1.2%      | Storm Water Management                    | 1        | L SUM | 11,500.00  | \$ 11,500.00  | 60%          | \$ 6,900.00   |
| 22                                                                         | 0.6%      | Traffic Control                           | 1        | L SUM | 5,750.00   | \$ 5,750.00   | 60%          | \$ 3,450.00   |
| 23                                                                         | 1.6%      | Railroad Permit                           | 1        | L SUM | 15,000.00  | \$ 15,000.00  | 60%          | \$ 9,000.00   |
| 24                                                                         | 0.7%      | Electromagnetic Locator                   | 1        | L SUM | 7,000.00   | \$ 7,000.00   | 60%          | \$ 4,200.00   |
| 25                                                                         | 0.3%      | Removal of Pavement                       | 114      | SY    | 25.00      | \$ 2,850.00   | 60%          | \$ 1,710.00   |
| 26                                                                         | 0.1%      | Removal of Curb & Gutter                  | 29       | LF    | 25.00      | \$ 725.00     | 60%          | \$ 435.00     |
| 27                                                                         | 0.2%      | Remove and Reinstall Wood Fence           | 20       | LF    | 75.00      | \$ 1,500.00   | 60%          | \$ 900.00     |
| 28                                                                         | 0.1%      | Remove and Reset Sign                     | 1        | EA    | 500.00     | \$ 500.00     | 60%          | \$ 300.00     |
| 29                                                                         | 6.2%      | Water Main - 8" (Open Cut)                | 692      | LF    | 85.00      | \$ 58,820.00  | 60%          | \$ 35,292.00  |
| 30                                                                         | 0.2%      | Water Main - 6"                           | 22       | LF    | 75.00      | \$ 1,650.00   | 60%          | \$ 990.00     |
| 31                                                                         | 9.4%      | Water Main - 8" (HDD)                     | 614      | LF    | 145.00     | \$ 89,030.00  | 60%          | \$ 53,418.00  |
| 32                                                                         | 25.8%     | Steel Casing Pipe - 16" (Boring)          | 614      | LF    | 400.00     | \$ 245,600.00 | 60%          | \$ 147,360.00 |
| 33                                                                         | 5.5%      | Directional Drilling                      | 614      | LF    | 85.00      | \$ 52,190.00  | 60%          | \$ 31,314.00  |
| 34                                                                         | 1.3%      | Gate Valve - 6"                           | 3        | EA    | 4,000.00   | \$ 12,000.00  | 60%          | \$ 7,200.00   |
| 35                                                                         | 2.3%      | Gate Valve - 8"                           | 4        | EA    | 5,500.00   | \$ 22,000.00  | 60%          | \$ 13,200.00  |
| 36                                                                         | 1.7%      | Hydrant - 6"                              | 2        | EA    | 8,000.00   | \$ 16,000.00  | 60%          | \$ 9,600.00   |
| 37                                                                         | 1.1%      | Water Main - Connect to Existing          | 2        | EA    | 5,000.00   | \$ 10,000.00  | 60%          | \$ 6,000.00   |
| 38                                                                         | 0.2%      | Curb & Gutter                             | 29       | LF    | 50.00      | \$ 1,450.00   | 60%          | \$ 870.00     |
| 39                                                                         | 0.1%      | Subgrade Preparation                      | 114      | SY    | 8.00       | \$ 912.00     | 60%          | \$ 547.20     |
| 40                                                                         | 0.1%      | Geotextile Fabric - Type S1               | 114      | SY    | 6.00       | \$ 684.00     | 60%          | \$ 410.40     |
| 41                                                                         | 0.3%      | Aggregate Base Course - Type A1 - Class 5 | 54       | TON   | 55.00      | \$ 2,970.00   | 60%          | \$ 1,782.00   |
| 42                                                                         | 1.1%      | Asphalt Patching                          | 114      | SY    | 90.00      | \$ 10,260.00  | 60%          | \$ 6,156.00   |
| 43                                                                         | 1.6%      | Topsoil                                   | 430      | CY    | 35.00      | \$ 15,050.00  | 60%          | \$ 9,030.00   |
| 44                                                                         | 0.4%      | Silt Fence                                | 1210     | LF    | 3.00       | \$ 3,630.00   | 60%          | \$ 2,178.00   |
| 45                                                                         | 0.3%      | Inlet Protection                          | 5        | EA    | 500.00     | \$ 2,500.00   | 60%          | \$ 1,500.00   |
| 46                                                                         | 0.5%      | Seeding Class III                         | 2600     | SY    | 2.00       | \$ 5,200.00   | 60%          | \$ 3,120.00   |
| 47                                                                         | 0.5%      | Hydraulic Mulch                           | 2600     | SY    | 2.00       | \$ 5,200.00   | 60%          | \$ 3,120.00   |
| 48                                                                         | 0.1%      | Herbicide Weed Control                    | 2600     | SY    | 0.50       | \$ 1,300.00   | 60%          | \$ 780.00     |
| 49                                                                         | 0.3%      | Water                                     | 60       | M GAL | 50.00      | \$ 3,000.00   | 60%          | \$ 1,800.00   |
| 50                                                                         | 0.6%      | Testing Allowance                         | 1        | ALLOW | 6,000.00   | \$ 6,000.00   | 60%          | \$ 3,600.00   |
|                                                                            |           | Construction Sub-Total                    |          |       |            | \$ 667,771.10 | 60%          | \$ 400,662.60 |
|                                                                            | 7.0%      | Allowable Contingency (10%)               |          |       |            | \$ 66,777.10  | 60%          | \$ 40,066.26  |
|                                                                            | 0.0%      | Elective Contingency Reduction            | 0        |       | -          | \$ -          | 60%          | \$ -          |
|                                                                            | 77.2%     | Construction Total                        |          |       |            | \$ 734,548.10 | 60%          | \$ 440,728.86 |
| Ineligible Preconstruction Costs                                           |           |                                           |          |       |            |               |              |               |
| 51                                                                         | 1.5%      | Study & Report Services                   | 1        | LS    | 14,700.00  | \$ 14,700     | 0%           | \$ -          |
| 52                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 53                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 54                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 55                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 56                                                                         | 0.0%      |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 57                                                                         | 0.0%      |                                           | 0        |       | -          | \$ -          | 0%           | \$ -          |
|                                                                            | 1.5%      | Preconstruction Ineligible Total          |          |       |            | \$ 14,700     | 0%           | \$ -          |
| Ineligible Construction Costs                                              |           |                                           |          |       |            |               |              |               |
| 58                                                                         | 0.8%      | Legal Expenses                            | 1        | LS    | 8,000.00   | \$ 8,000.00   | 0%           | \$ -          |
| 59                                                                         | 1.1%      | Funding Assistance                        | 1        | LS    | 10,300.00  | \$ 10,300.00  | 0%           | \$ -          |
| 60                                                                         | 0.5%      | Easements                                 | 1        | LS    | 5,000.00   | \$ 5,000.00   | 0%           | \$ -          |
|                                                                            |           | Permit Fees                               | 1        | LS    | 15,000.00  | \$ 15,000.00  | 0%           | \$ -          |
|                                                                            |           |                                           |          |       |            | \$ -          | 0%           | \$ -          |
|                                                                            |           |                                           |          |       |            | \$ -          | 0%           | \$ -          |
| 61                                                                         | 0.0%      |                                           | 0        |       | -          | \$ -          | 0%           | \$ -          |
|                                                                            | 2.5%      | Construction Ineligible Total             |          |       |            | \$ 38,300.00  | 0%           | \$ -          |
| Ineligible Total                                                           |           |                                           |          |       |            |               |              |               |
|                                                                            |           | Ineligible Total                          |          |       |            | \$ 53,000.00  | 0%           | \$ -          |
|                                                                            | 98.4%     | Project Total                             |          |       |            | \$ 950,948.10 |              |               |
| Federal or State Funds That Supplant Costs                                 |           |                                           |          |       |            |               |              |               |
|                                                                            |           | Eligible Cost Total                       |          |       |            | \$ 897,948.10 | 60%          | \$ 538,768.86 |

\* The cost-share estimate is for planning and informational purposes only and does not guarantee a financial commitment from the State Water Commission.



## Life Cycle Cost Analysis Review

Sponsor: City of Harwood  
Project Title: North Water Main Loop

Date: April 30, 2026

### Explanation of Alternatives:

Do Nothing: Existing water distribution system remains as-is and stagnation due to dead-ends remains a problem  
**Water Main Loop (Preferred Alternative):** The city water system is connected on each side of Interstate 29 to form a looped system. Directional drilling is used to construct the water main under the interstate and BNSF railroad.

### Inputs:

|                                 |     |                                                    |           |
|---------------------------------|-----|----------------------------------------------------|-----------|
| New Connections Served          | 0   | Current CIF Balance                                | \$100,000 |
| Future Connections Served       | 0   | Annual CIF Contribution                            | \$50,000  |
| Current Connections Served      | 291 | Cash Funding Target (Percentage %) New Assets      | 10%       |
| Net Connections (New + Current) | 291 | Cash Funding Target (Percentage %) Existing Assets | 20%       |
|                                 |     | Annual CIF Contribution suggested for the Project  | \$1,443   |

|                   | Do Nothing | Water Main Loop<br>(Preferred Alternative) |  |  |
|-------------------|------------|--------------------------------------------|--|--|
| Construction Cost | \$0        | \$950,948                                  |  |  |
| Annual O & M      | \$25,000   | \$23,000                                   |  |  |

### LCCA Model Results:

#### Scenario Analysis - Present Value Life Cycle Cost Summary

|                                            | Do Nothing       | Water Main Loop<br>(Preferred Alternative) |  |  |
|--------------------------------------------|------------------|--------------------------------------------|--|--|
| Present Value                              |                  |                                            |  |  |
| Capital Costs                              | \$0              | \$951,000                                  |  |  |
| O&M                                        | \$634,000        | \$561,000                                  |  |  |
| Repair, Rehab, Replacement                 | \$0              | \$263,000                                  |  |  |
| Salvage Value                              | \$0              | \$39,000                                   |  |  |
| <b>Total PVC</b>                           | <b>\$634,000</b> | <b>\$1,736,000</b>                         |  |  |
| <b>PV Cost Per User</b>                    | <b>\$2,179</b>   | <b>\$5,966</b>                             |  |  |
| Construction Cost Per User                 | \$0              | \$3,268                                    |  |  |
| <b>Current Water Rate (Cost Per 5000g)</b> | <b>\$14</b>      |                                            |  |  |
| <b>Comparable Water Rate</b>               | <b>\$52</b>      |                                            |  |  |
| Net Connections (New + Current)            | 291              | 291                                        |  |  |
| Cost-Share Percent                         | 60%              | 60%                                        |  |  |
| Local Share                                | \$0              | \$380,400                                  |  |  |
| Other Funding                              | \$0              | \$0                                        |  |  |
| Total Local                                | \$0              | \$380,400                                  |  |  |
| <b>Payment Per User With Cost-Share</b>    | <b>\$0.00</b>    | <b>\$6.61</b>                              |  |  |
| Local Share                                | \$0              | \$951,000                                  |  |  |
| Other Funding                              | \$0              | \$0                                        |  |  |
| Total Local                                | \$0              | \$951,000                                  |  |  |
| <b>Payment Per User Without Cost-Share</b> | <b>\$0.00</b>    | <b>\$16.53</b>                             |  |  |

### Explanation of Results:

Preferred alternative constructs a water main loop to address system problems with stagnation due to dead ends. Present value cost per user is \$5,966 and construction cost per user is \$3,268. The monthly cost with 60% DWR cost-share participation is \$6.61 per user and \$16.53 per user without DWR participation.

| ND Dept. of Commerce<br>Population & Trends | Year |      | Annual Population Growth<br>Rate | Average Annual Population<br>Increase/Decrease |
|---------------------------------------------|------|------|----------------------------------|------------------------------------------------|
|                                             | 2010 | 2024 |                                  |                                                |
|                                             | 718  | 839  | 1.2%                             | 9                                              |

The economic model appears to have functioned properly. The results are deemed to be reliable and repeatable with the inputs provided by the project sponsor.  
LCCA Version                      Version 1.2024.04.18



April 6, 2026

Lori Noack  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505-0850

RE: North Water Main Loop Construction Funding Request

Dear Lori:

The City of Harwood has initiated a project to construct a water main loop east of Interstate 29 at the northern portion of the City. During periods of low water use, water sits in the pipes for long durations of time and the residual chlorine breaks down within the system. The project will accommodate ongoing growth the City has experienced in recent years. The City has platted a residential development at the north end of town, and the City plans to build the development once floodplain impacts are reduced by the construction of the Fargo-Moorhead diversion.

The City has contracted with Moore Engineering, Inc. to perform construction engineering services. The City respectfully requests 60 percent cost share for eligible construction activities, which include construction engineering services, right-of-way and acquisition services, easements, and contingencies.

DWR approved preconstruction costs of \$47,640 in February 2025. Remaining project costs are through local funding sources and local cost share.

We appreciate your willingness to support the City's efforts to provide safe, reliable, and cost-effective drinking water to its residents and visitors. If you have any questions, please contact me at (701) 281-0314 or the City's engineer, Andrew Aakre, at (701) 282-4692 or [andrew.aakre@mooreengineeringinc.com](mailto:andrew.aakre@mooreengineeringinc.com).

Sincerely,

CITY OF HARWOOD, NORTH DAKOTA

A handwritten signature in cursive script that reads "Chayla Hansen".

Chayla Hansen  
City Auditor

**HARWOOD CITY COUNCIL MINUTES***City of Harwood, North Dakota***Regular Meeting****April 6th, 2026**

**Call to Order/Roll Call:** At 6:30 pm, Mayor Blake Hankey called the meeting to order. Roll call included Jamie Nettum, Chris Higgins, Dick Sundberg, Chris Fix, and Chayla Hansen, City Auditor; Others in attendance included City Engineer Assistant Brandon Smith, City Attorney Sarah Wear, and Public Works Supervisor Jeremy Snyder. Public attendees from the sign-in sheet: Eric Sinner, Cairn Reisch, Mark Kerkvliet, Darlene Meyer

JoAnn Spiesz, Mike Peterson, Josh Diede, Marge Lonski, Mike Kvanvg, Josh Olson, Mike Blevins, Nancy Coolidge, Mark Coolidge, Rich & Mary Hoffman, and Mitch Goodmanson.

**Tax Equalization Meeting:** Devin Arp from Cass County Appraiser presenting: Motion made by Higgins, seconded by Fix, to open the Tax Equalization Meeting. All in favor voted aye, motion carried. There were no residents wanting to protest their valuations. Motion made by Sundberg to accept the evaluations and close the Tax Equalization meeting, seconded by Fix. All in favor voted aye, motion carried.

**Call to Order & Roll Call-Same as before.**

**Approved Agenda:** Motion to approve the agenda with moving Tony Grindberg to the top of new business. by Fix, seconded by Higgins. All in favor voted aye, motion carried.

**Approve March Bills, March Meeting Minutes, and Financial Report, Consent Agenda.** Motion to approve the consent agenda by Sundberg, seconded by Higgins. All voted aye, and the motion carried.

| <u>Fund</u>                          | <u>Begin</u>   | <u>Receipts</u> | <u>Disbursements</u> | <u>Transfers</u> | <u>Journ<br/>al<br/>Entrie<br/>s</u> | <u>Payroll</u> | <u>Balance</u> | -                 |
|--------------------------------------|----------------|-----------------|----------------------|------------------|--------------------------------------|----------------|----------------|-------------------|
| <b>11300-Checking</b>                |                |                 |                      |                  |                                      |                |                |                   |
| 100 - GENERAL FUND                   | \$731,069.30   | \$200,167.19    | \$-184,459.62        | \$0.00           | \$0.00                               | \$3,009.19     | \$749,786.06   | In<br>Balanc<br>e |
| 201 - HIGHWAY DISTRIBUTION           | \$152,100.31   | \$16,933.41     | \$-14,605.02         | \$0.00           | \$0.00                               |                | \$-149,771.92  | In<br>Balanc<br>e |
| 203 - CITY SHARE SPECIAL ASSESSMENTS | -\$21,782.15   | \$6,558.90      |                      | \$0.00           | \$0.00                               |                | -\$15,223.25   | In<br>Balanc<br>e |
| 205 - Community Center               | -\$72,868.51   | \$27,241.00     | -\$23,221.63         | \$0.00           | \$0.00                               | \$1,246.77     | -\$70,095.91   | In<br>Balanc<br>e |
| 206 - EMERGENCY FUND                 | \$403.06       |                 |                      | \$0.00           | \$0.00                               |                | \$403.06       | In<br>Balanc<br>e |
| 207 - ARPA FUNDS                     | \$131,072.19   |                 |                      | \$0.00           | \$0.00                               |                | \$131,072.19   | In<br>Balanc<br>e |
| 208 - Municipal Infrastructure Funds | \$271,520.51   |                 |                      | \$0.00           | \$0.00                               |                | \$271,520.51   | In<br>Balanc<br>e |
| 210 - Harwood Trust Fund             | \$126,326.42   |                 | -\$48,724.75         | \$0.00           | \$0.00                               |                | \$77,601.67    | In<br>Balanc<br>e |
| 220 - CITY SALES TAX FUND            | \$1,070,041.95 | \$295,957.34    | -\$22,012.22         | \$0.00           | \$0.00                               |                | \$1,343,987.07 | In<br>Balanc<br>e |
| 318 - WATER DISTRIBUTION #98-1       | -\$7,317.01    |                 |                      | \$0.00           | \$0.00                               |                | -\$7,317.01    | In<br>Balanc<br>e |
| 322 - STREET IMPROVEMENT 2006-1      | -\$20,749.72   |                 |                      | \$0.00           | \$0.00                               |                | -\$20,749.72   | In<br>Balanc<br>e |
| 324 - URBAN RENEWAL (TIF) 2007-1     | \$55,116.48    | \$28,162.50     |                      | \$0.00           | \$0.00                               |                | \$83,278.98    | In<br>Balanc<br>e |
| 325 - STREET IMPROVEMENT 2011-1      | \$70,411.96    | \$39,860.48     |                      | \$0.00           | \$0.00                               |                | \$110,272.44   | In<br>Balanc<br>e |
| 326 - WATER IMPROVEMENT 2015-1       | \$51,890.32    | \$46,124.44     | -\$13,387.50         | \$0.00           | \$0.00                               |                | \$84,627.26    | In<br>Balanc<br>e |

|                                      |                              |                            |                             |                      |                      |                           |                              |            |
|--------------------------------------|------------------------------|----------------------------|-----------------------------|----------------------|----------------------|---------------------------|------------------------------|------------|
| 327 - STREET IMPROVEMENT 2016-1      | \$9,937.32                   | \$55,804.99                |                             | \$0.00               | \$0.00               |                           | \$64,857.37                  | In Balance |
| 328 - BENDER LANE SEWER PROJ 2020-1  | -\$13,439.24                 | \$43,330.54                | -\$884.94                   | \$0.00               | \$0.00               |                           | -\$19,588.70                 | In Balance |
| 329 - Freedland Drive 2022-1         | -\$99,318.15                 | \$110,997.54               | -\$49,480.00                | \$0.00               | \$0.00               |                           | \$11,679.39                  | In Balance |
| 428 - BENDER LANE SEWER CONSTRUCTION | \$52,108.78                  |                            |                             | \$0.00               | \$0.00               |                           | \$52,108.78                  | In Balance |
| 429 - Street Imp. Dist. 2022-1 Const | \$5,682.47                   |                            |                             | \$0.00               | \$0.00               |                           | \$5,682.47                   | In Balance |
| 430 - Street Imp. Dist. 2023-1 Const | \$0.00                       |                            |                             | \$0.00               | \$0.00               |                           | \$0.00                       | In Balance |
| 501 - WATER FUND                     | \$201,226.42                 | \$48,983.38                | -\$10,215.67                | \$0.00               | \$0.00               | \$30,577.62               | \$209,416.51                 | In Balance |
| 502 - SEWER FUND                     | \$221,854.81                 | \$45,215.27                | -\$37,819.80                | \$0.00               | \$0.00               | \$16,409.26               | \$212,841.02                 | In Balance |
| 503 - WASTE FUND                     | \$7,315.92                   | \$26,871.54                | -\$13,317.50                | \$0.00               | \$0.00               |                           | \$20,869.96                  | In Balance |
| 510 - SURCHARGE FUND                 | \$131,538.65                 | \$4,411.39                 | -\$27,100.00                | \$0.00               | \$0.00               |                           | \$108,850.04                 | In Balance |
|                                      | <b><u>\$2,749,941.47</u></b> | <b><u>\$996,619.91</u></b> | <b><u>-\$445,228.65</u></b> | <b><u>\$0.00</u></b> | <b><u>\$0.00</u></b> | <b><u>\$45,224.46</u></b> | <b><u>\$3,256,108.27</u></b> |            |

The board, on motion, approved the following March bills:

|       |                             |             |
|-------|-----------------------------|-------------|
| 23487 | City of Fargo               | \$14.00     |
| 23488 | Macs                        | \$13.96     |
| 23489 | Moore Engineering           | \$21,716.50 |
| 23490 | Ohnstad-Twitchell           | \$11,741.20 |
| 23491 | Asp of Moorhead             | \$146.00    |
| 23492 | Curts Lock & Key            | \$3.71      |
| 23493 | Deans Bulk Service          | \$1,067.20  |
| 23494 | Ground Control              | \$4,886.27  |
| 23495 | Matts Redi-Rolloff          | \$7,020.00  |
| 23496 | Berts Truck Equipment       | \$36.27     |
| 23497 | Harwood Park Board          | \$5,803.90  |
| 23498 | IRS                         | \$232.50    |
| 23499 | Josh Diede                  | \$25.00     |
| 23500 | North Central International | \$69.46     |
| 23501 | Trista Ames                 | \$900.00    |
| 23502 | ND Child Support            | \$184.62    |
| 23504 | Petro Serve                 | \$213.10    |
| 23507 | Midwest Pest Control        | \$120.00    |
| 23508 | Starion Bond Service        | \$49,480.00 |
| 23509 | Hawkins                     | \$416.00    |
| 23510 | Minnkota EnviroServices     | \$90.00     |
| 23512 | Business Essentials         | \$654.09    |
| 23513 | Chayla Hansen               | \$483.49    |
| 23514 | Clifford Elevator           | \$462.50    |
| 23515 | Immense Impact LLC          | \$1,361.00  |
| 23516 | Laney's                     | \$16,965.00 |
| 23517 | Menards-Fargo               | \$26.24     |
| 53518 | Bert's Truck Repair         | \$1,895.06  |
| 23519 | Hawkins                     | \$10.00     |
| 23520 | US Bank                     | \$241.35    |
| 23522 | Menards                     | \$93.19     |
| 23523 | Josh Diede                  | \$25.79     |
| 23524 | Sign Badgers                | \$1,393.54  |

|       |                          |             |
|-------|--------------------------|-------------|
| 23525 | Harwood Park Board       | \$390.00    |
| 23526 | USPS                     | \$171.41    |
| 23527 | Auto Value               | \$199.95    |
| 23528 | Moore Engineering        | \$4,284.75  |
| 09012 | IRS                      | \$4,493.15  |
| 09019 | USPS                     | \$7.55      |
| 09020 | Verizon                  | \$142.51    |
| 09003 | Bank North               | \$25.00     |
| 09009 | Eide Bailey              | \$430.00    |
| 09017 | NDPERS                   | \$8,454.88  |
| 09007 | Column Software          | \$304.76    |
| 09104 | Midco                    | \$449.32    |
| 09015 | ND One-Call              | \$10.89     |
| 09004 | Cass County Electric     | \$3,571.00  |
| 09022 | Zoom                     | \$17.62     |
| 09005 | Food                     | \$56.73     |
| 09006 | City of Fargo            | \$12,638.75 |
| 09001 | AFLAC                    | \$416.96    |
| 09013 | Microsoft                | \$120.00    |
| 09010 | First International Bank | \$65.00     |
| 09018 | PSN                      | \$164.39    |
| 09002 | Astoria                  | \$310.24    |
| 09008 | eBay                     | \$69.22     |
| 09021 | Vivint                   | \$344.20    |
| 09016 | ND State Treasurer       | \$245.51    |
| 09011 | Forum                    | \$14.99     |

**Law Enforcement Report:** March 162 calls, February 166 calls

**New Business:**

- a) Tony Grinberg/Excel Energy-Tony explained that natural gas can be in the town's future. We are a few years away, but it is a possibility. More to come in the next few years, but he wanted to explain the possibility of natural gas in our area.
- b) First Reading Fireworks Ordinance-Motion to approve first reading by Fix, seconded by Nettum. All in favor voted aye, motion carried.
- c) Liquor/Cabaret Ordinance-Motion to approve first reading by Nettum, seconded by Higgins. All in favor voted aye, motion carried.
- d) Cabaret License Fees-Motion made to change the fee to 10% of the liquor license fee, so \$100 by Higgins, seconded by Sundberg. All in favor voted aye, motion carried.
- e) Designation of Newspaper-Motion made to designate the Fargo Forum as the City's newspaper of choice by Sundberg, seconded by Fix. All in favor voted aye, motion carried.
- f) Mike-Red Dragon Contract-Motion made to renew the contract for another three years with Red Dragon Fireworks by Fix, seconded by Nettum. All in favor voted aye, motion carried.
- g) Aerial Spraying Map-Special meeting 4/8 12:30 to approve a map that includes the Lake Shure area.
- h) Dirt Pile Plan-Applied Digital will add a ramp at their expense. The city will add a culvert and signs stating, "You are entering at your own risk." "City isn't responsible for accidents; "City of Harwood residents only," no vehicle over 26,000 pounds". Motion is made to add the culvert and signs shown above and to use sales tax funds for up to \$2,000. The hours are 8-8 daily.
- i) Sopp Property Line-The city will have no response to this property line issue.
- j) Rivertree Park-Relocating an approach approximately 75-100 ft to the east and adding a culvert to the approach as well to prevent water from flowing.
- k) Wild Turkeys-Nate Keller explained the issue with the wild turkeys and that DNR will be willing to trap and relocate the turkeys. They only do this in the winter, so we will have to wait till next year. Council felt this was appropriate.
- l) RV Park- A request was made by an employee of APLD for a possible RV park within the city, and the council said they are not interested in an RV Park.
- m) Fire Department Gaming Application-Motion made by Fix to approve the application, seconded by Higgins. All in favor voted aye, motion carried.

**Public Comment:** Ryan Volk, Mark Kerkvliet, Richard Hoffman, and Nancy Coolidge.

**Old Business:** Lee Allen Update-The semi-trailer has been removed, but there are still items left at the site. City Attorney asked for pictures of those items and will send a letter.

**Engineer Report:**



**ENGINEER'S AGENDA**  
**City of Harwood Council Meeting**  
**April 6th, 2026**

**1. North Water Main Loop**

- a. Met with Public Works 3/16 to go through the plans. We have finished the plans and are ready to go to bid.
- b. **Requesting motion approving plans and specifications.** Motion made to approve the plans and specifications by Higgins, seconded by Fix. All in favor voted aye, motion carried.
  - i. Plans attached.
- c. **Requesting motion approving plans and specifications.** Motion made to approve plans and specifications by Nettum, seconded by Higgins. All in favor voted aye, motion carried.
  - i. Planned bid date April 30<sup>th</sup>.
- d. **Requesting motion to apply for Department of Water Resources (DWR) cost-share dollars for the construction. Motion made to apply for DWR cost-share dollars for the construction by Sundberg, seconded by Fix. All in favor voted aye, motion carried.**
  - i. Letter attached. If approved, please print it on letterhead, sign it, and return it to our office. We will put together the cost-share application.
  - ii. DWR may not have funding available at this time, as the legislature did not appropriate as many dollars as the funding bucket as there is demand, but we should still apply.

**2. Capital Improvement Plan**

- a) Met with Public Works and Council Member Sundberg on 3/16 to go over the infrastructure project priorities.
- b) We have started putting cost estimates together for those projects.
- c) Planning for council discussions this summer, ahead of the budgeting process.

**3. Department of Water Resources Water Development Plan (2027-2029 biennium)**

- a. Want to submit the "Triangle" area water main replacement project to the DWR Water Development. Plan to potentially make the project eligible for cost-share dollars.
  - i. Ted Avenue, Wally Street, Truman Drive, Chapin Drive
- b. **Requesting a motion to authorize Moore Engineering to submit the Project Information and Planning Form for the Harwood Water Main Replacement project to be included in the 2027-2029 Water Development plan maintained by the ND Department of Water Resources.** Motion was made to authorize Moore Engineering to submit the Project Information and Planning Form by Sundberg, seconded by Higgins. All in favor voted aye, motion carried.

**Public Works Report:** Requesting not to put the garbage can in the roadway, as it is hard to plow snow around. Requesting to add calcium chloride to the tires of the small tractor. Motion made to purchase the tubes and chloride for \$600 out of sales tax by Nettum, seconded by Fix. All in favor voted aye, motion carried. **Auditor Report:** Out of office 04/10 and working remotely 04/13 and 04/14 for surgery.

**Portfolio Reports: Sundberg:** Attended the Reed Township meeting to see how winter road maintenance was handled. He has a new contact, Greg, to work with in the future. **Higgins:** Went over some key items from the Strategic Planning meeting -Stop sign Prairie Dr.-Flags for 4th of July-Flashing lights on stop signs-Maps-Slope of Ditches. Nettum: No. **Fix:** Working to get quotes from Stalker and Sign Solutions for a portable radar. Should have more next month. **Hankey:** Discussed possible deputy and will check with other towns that have a deputy how they feel it is going. Municipal Court-check with other cities.

**Announcements:** Next Council meeting, Monday, May 4th, at 6:30 pm at the City Hall.

**Adjourn:** Motion to adjourn by Sundberg, seconded by Higgins. All in favor voted aye, motion carried. Meeting adjourned at 8:57 pm.

\_\_\_\_\_  
Blake Hankey, Mayor

Attest: \_\_\_\_\_  
Chayla Hansen, Auditor

Date of Approval \_\_\_\_\_