

**State Water Commission Pre-Commission Meeting  
#201 Hardmeyer Hall, Bank of North Dakota  
1200 Memorial Highway, Bismarck, ND 58504  
Thursday, May 21, 2026 – 1:00 PM CT**

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

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**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 – 1:30 C. Southwest Pipeline Project (SWPP) (**Justin Froseth**)
1. Contract 7-5C: Rural Service Area Expansion in the Hebron Service Area
  2. Contract 1-1C: Modifications to Existing Intake Pump Stations
  3. Replacement and Extraordinary Maintenance Fund Reimbursement
- 1:30 – 1:35 D. State Owned Projects (**Justin Froseth**)
1. Replacement and Extraordinary Maintenance Projects Reimbursement Process
- 1:35– 1:40 E. Northwest Area Water Supply (NAWS) (**Brandon Hicks**)
1. Contract 1-1A: Intake and Snake Creek Pumping Plant Modifications Funding Allocation Update
- 1:40 – 1:45 F. Flood Control (**Abigail Franklund**)
- |                    |                         |             |   |
|--------------------|-------------------------|-------------|---|
| 1. Maple River WRD | Davenport Flood Project | \$2,044,749 | C |
|--------------------|-------------------------|-------------|---|
- 1:45 – 2:00 G. General Water (**Abigail Franklund**)
- |                    |                                 |           |    |
|--------------------|---------------------------------|-----------|----|
| 1. Dickinson       | Manns Dam Final Design          | \$351,080 | PC |
| 2. DWR             | USGS Cooperative Monitoring     | \$538,390 | O  |
| 3. Grand Forks WRD | Grand Forks Co Dams EAP Updates | \$204,000 | O  |
- 2:00 – 2:15 H. Presentation of Water Supply Buckets and Priorities (**Duane Pool**)—No Attachment
- 2:15 – 2:25 I. Water Supply (Regional)(**Julie Prescott**)
- Projects Considered Based on Cost-Share Prioritization Framework and Available Funding*
- |          |                                  |           |    |
|----------|----------------------------------|-----------|----|
| 1. WAWSA | Private Cellular Telemetry SCADA | \$74,250  | C  |
| 2. WAWSA | WTP Intake Phase II              | \$386,250 | CI |

2:25 – 2:45 J. Water Supply (Rural) (Julie Prescott)

Projects Considered Based on Cost-Share Prioritization Framework and Available Funding

1.	ASWUD	Bottineau County Expansion Ph 1 & 2	\$1,901,250	PC
2.	Cass RWD	2026 System Improvements	\$3,095,397	C
3.	Missouri West WS	Flasher Elevated Tank	\$191,250	PC
4.	Garrison RWD	Pump Station #5 (6) and Reservoir	\$1,002,254	C

2:45 – 3:10 K. Water Supply (Municipal) (Julie Prescott)

Projects Considered Based on Cost-Share Prioritization Framework and Available Funding

1.	Williston	2026 Williston Square Improvements	\$1,020,748	C
2.	Enderlin	Water Supply Study	\$99,000	O
3.	Bowman	New Water Storage Reservoir	\$1,656,600	C
4.	Underwood	Water System Improvements	\$555,466	C
5.	Mohall	Northwest Water & Sewer Replacements	\$90,000	PC

3:10 – 3:15 L. Water Supply (Municipal) (Julie Prescott)—No Attachment

Projects Deferred Pending Available Funding

1.	Bismarck	WU152 2026 Watermain Replacement	\$2,440,567	C
2.	Steele	Watermain Replacement	\$124,200	PC
3.	Casselton	Downtown Improvements Project	\$525,218	C
4.	Harwood	North Main Water Loop	\$491,129	C
5.	Grafton	Water System Replacement Phase I	\$2,556,064	C
6.	Regent	Main Avenue Reconstruction	\$644,705	C
7.	Watford City	2026 Water Main Replacement	\$2,130,923	C
8.	West Fargo	1 <sup>st</sup> Avenue E Reconstruction	\$1,136,346	C
9.	West Fargo	Meadow Ridge Reconstruction Phase I	\$1,120,118	C
10.	Williston	West Broadway Improvements	\$395,962	C
11.	Rolla	WTP Improvements	\$15,000	O
12.	Binford	Water & Wastewater System Improvements	\$300,000	PC
13.	Mandan	Intake Phase III Study	\$135,000	O
14.	Stanley	Capital Improvements Project IV	\$95,460	PC

3:15 – 3:45 M. Governance and Finance Study Discussion (Reice Haase)—No Attachment

3:45 – 4:45 N. SWC Cost-Share Study Discussion (Pat Fridgen)

O. Adjourn

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

**TO:** Members of the State Water Commission  
**FROM:** Justin Froseth P.E., SWPP Project Manager  
**SUBJECT:** SWPP Contract 7-5C – Rural Service Area Expansion in the Hebron Service Area  
**DATE:** May 13, 2026

Contract 7-5C, Rural Service Area Expansion in the Hebron Service Area, is a rural water expansion project that will provide new water service to approximately 180 rural users.

Key components of the project include installation of approximately 150 miles of pipeline ranging in diameter from 1.5 inches to 10 inches. The 8-inch and 10-inch transmission lines are designed to accommodate future system expansion beyond the immediate project area and support connection of hundreds of additional signups through future projects. Additional major project features include construction of a Variable Frequency Drive (VFD) booster station and numerous railroad and roadway pipeline crossings.

A public bid opening was held on Tuesday, May 5, 2026. Four bids were received from the following contractors: Abbott, Arne, Schwindt, Inc. of Moorhead, Minnesota; BEK Consulting of Dickinson, North Dakota; Carstensen Contracting of Dell Rapids, South Dakota; and Wagner Construction of International Falls, Minnesota. The project was divided into three schedules: Schedule 1A, 1B, and 2. The project as bid, allowed award to only one single bidder for Schedules 1A and 1B. Documents allowed award of Schedule 2 to a different bidder if it was advantageous to the State. Bid results identified Carstensen Contracting as the low bidder for Schedules 1A and 1B and Abbott, Arne, Schwindt, Inc. as the low bidder for Schedule 2. Overall bid totals were approximately 20 percent below the engineer's estimate when considering all schedules.

The maximum cost per Equivalent Service Unit (ESU) approved for this project is \$75,980. Based on the bid prices received, the maximum cost/ESU is exceeded for Bid Schedule 2. The current signups in the area already includes many high service unit signups as there were concerns with them meeting the maximum cost/ESU limit. BW/AECOM's review of bids and recommendation to award the contract is attached. DWR staff is evaluating the potential for including existing Subsequent Customers in the maximum cost/ESU calculation. A recommendation to award the contract, request for funding authorization, and decision on maximum cost/ESU calculation will be brought forward at the June State Water Commission meeting.

JF:/1736-99

Attachment



May 13, 2026

North Dakota State Water Commission  
 Attn: Mr. Justin Froseth  
 1200 Missouri Ave  
 Bismarck, ND 58504

**SUBJECT: SWPP Contract 7-5C, Rural Service Area Expansion in the Hebron Service Area  
 Review of Bids Received  
 W.O. 3033.A44**

Justin:

On Tuesday, May 5, 2026, bids were opened for Southwest Pipeline Project (SWPP) Contract 7-5C, Rural Service Area Expansion in the Hebron Service Area. The scope of work under Contract 7-5C consists of three (3) Bid Schedules. Bid Schedule 1A and Bid Schedule 1B will be awarded, if awarded, to a single Contractor. Bid Schedule 2 could be awarded, if awarded, to the Bid Schedule 1 Contractor or a separate Contractor based on the Bids received. The project is located in Stark, Grant, and Morton Counties of North Dakota. Bid Schedule No. 1A includes furnishing and installing approximately 22 miles of 8” – 10” ASTM D2241 gasketed joint pipe, road crossings, railroad crossings, connections to existing pipelines, and other related appurtenances. Bid Schedule No. 1B includes furnishing and installing approximately 109 miles of 1.5” – 4” ASTM D2241 gasketed joint pipe, 164 services, road crossings, railroad crossings, connections to existing pipelines, and other related appurtenances. Bid Schedule No. 2 includes furnishing and installing approximately 20.6 miles of 1.5” – 4” ASTM D2241 gasketed joint pipe, 17 services, road crossings, railroad crossings, connections to existing pipelines, one (1) prefabricated below grade VFD booster station, and other related appurtenances. Bid Schedule No. 2 has a delayed start date of May 1st, 2027. The Substantial Completion Date for all Bid Schedules is October 31, 2027.

Four bid packages were received for SWPP Contract 7-5C. A tabulation of the bid results is attached. A copy of the bid tab has been provided to all bidders and other interested parties. All of the bids were considered responsive and read aloud at the bid opening. A summary of the bids received is shown on the table below.

SOUTHWEST PIPELINE PROJECT CONTRACT 7-5C RURAL SERVICE AREA EXPANSION IN THE HEBRON SERVICE AREA		
BID SCHEDULE 1A		
Bidder	Bid Amount Bid Schedule 1A	Amount Higher Than Low Bid
Carstensen Contracting Dell Rapids, SD	\$4,617,250.00	-
Abbott, Arne, Schwindt, Inc. Moorhead, MN	\$5,300,000.00	+ \$682,750.00 14.8%
BEK Consulting Dickinson, ND	\$4,948,100.00	+ \$330,850.00 7.2%
Wagner Construction International Falls, MN	\$5,397,858.50	+ \$780,608.50 16.9%
Engineer's Estimate	\$5,944,840.00	+ \$1,327,590.00 28.8%

<b>SOUTHWEST PIPELINE PROJECT  CONTRACT 7-5C  RURAL SERVICE AREA EXPANSION IN THE HEBRON  SERVICE AREA</b>		
<b>BID SCHEDULE 1B</b>		
<b>Bidder</b>	<b>Bid Amount  Bid Schedule 1B</b>	<b>Amount Higher  Than Low Bid</b>
Carstensen Contracting Dell Rapids, SD	\$9,579,025.50	-
Abbott, Arne, Schwindt, Inc. Moorhead, MN	\$9,600,000.00	+ \$20,974.50 0.2%
BEK Consulting Dickinson, ND	\$13,024,800.00	+ \$3,445,774.50 36.0%
Wagner Construction International Falls, MN	\$17,085,212.00	+ \$7,506,186.50 78.4%
Engineer's Estimate	\$11,384,695.00	+ \$1,805,669.50 18.9%

<b>SOUTHWEST PIPELINE PROJECT  CONTRACT 7-5C  RURAL SERVICE AREA EXPANSION IN THE HEBRON  SERVICE AREA</b>		
<b>BID SCHEDULE 2</b>		
<b>Bidder</b>	<b>Bid Amount  Bid Schedule 2</b>	<b>Amount Higher  Than Low Bid</b>
Carstensen Contracting Dell Rapids, SD	\$2,482,636.00	+ \$382,636.00 18.2%
Abbott, Arne, Schwindt, Inc. Moorhead, MN	\$2,100,000.00	-
BEK Consulting Dickinson, ND	\$3,478,600.00	+ \$1,378,600.00 65.6%
Wagner Construction International Falls, MN	\$3,763,699.00	+ \$1,663,699.00 79.2%
Engineer's Estimate	\$2,888,165.00	+ \$788,165.00 37.5%

Based on our review of the apparent low bid received for Bid Schedules 1A and 1B from Carstensen Contracting, Inc., the Bid appears to be in accordance with the Invitation for Construction Bids and the Bid Documents. It is thus considered to be a responsive bid.

Based on our review of the apparent low bid received for Bid Schedule 2 from Abbott, Arne, Schwindt, Inc., the Bid appears to be in accordance with the Invitation for Construction Bids and the Bid Documents. It is thus considered to be a responsive bid.

Carstensen Contracting, Inc. recently completed Contract HI-2021 for SWPP. Carstensen Contracting, Inc. has completed main transmission pipelines for SWPP such as Contracts 2-8E and 2-8F. Carstensen Contracting

has not completed a rural expansion project to date for SWPP but has completed similar projects on other rural water projects within the State of North Dakota and South Dakota. These projects are generally similar to the work associated with Bid Schedule 1A and Bid Schedule 1B. Carstensen Contracting, Inc. is thus considered a qualified contractor for the work associated with Bid Schedule 1A and Bid Schedule 1B.

Abbott, Arne, Schwindt, Inc., has completed past rural water projects for SWPP with the most recent projects being the OMND rural distribution contracts 7-9A and 7-9B. Additionally, Bartlett & West has years of experience with Abbott, Arne, Schwindt, Inc. on other rural water projects within the State of North Dakota and South Dakota. These projects are generally similar to the work associated with Bid Schedule 2. Abbott, Arne, Schwindt, Inc. is thus considered a qualified contractor for the work associated with Bid Schedule 2.

This project is intended to increase the hydraulic capacity in the Hebron Service Area which allows additional users to be connected to SWPP. This project includes 181 signups throughout the Hebron Service Area. A review of the received unit pricing for the low bidders indicates some variance between pricing for bid items such as the mobilization, PVC piping, crossings, valves, and tie-ins. This variance could be attributed to the extensive nature of this project. Overall, the comparison of the apparent low bids received is below Engineer's estimate and is considered fair market value for this type of Project.

The maximum cost per equivalent service unit (ESU) for this project was set at \$75,980 as authorized by the SWC in its October 10, 2024 SWC meeting. BW/AECOM is currently evaluating Bid Schedules 1B and Bid Schedule 2 to identify the high-cost users based on the provided bid prices. The preliminary analysis indicates that the inclusion of existing subsequent users may be necessary to meet the maximum cost per ESU for portions of Bid Schedule 1B and all of Bid Schedule 2. Based on the bid prices received for Bid Schedule 1B, Bid Schedule 1B has 170.5 ESU's and the average cost per ESU is \$64,609.26 with 15% added for project costs. Bid Schedule 2 provides service to 24 ESU's and the average cost per ESU is \$85,247.90 with the VFD booster cost removed from evaluation and adding 15% for project costs. Bid Schedule 2 does have 10.5 ESU's for currently served subsequent users in this area and when considering these subsequent users into the project feasibility, the average cost per ESU is \$59,302.89 with the VFD booster cost removed from evaluation and 15% added for estimated project costs.

The contract documents require that the SWC award the contract, if awarded, within 60 calendar days after the bid opening as stipulated on the Bid Form. That date would be July 4, 2026. Subject to approval by your legal counsel that the bid documents are in order from a legal standpoint, we recommend that the North Dakota State Water Commission award SWPP Contract 7-5C Bid Schedules 1A & 1B, to Carstensen Contracting, Inc. in the amount of \$14,196,275.50. BW/ACOM recommends SWPP Contract 7-5C Bid Schedule 2 to be awarded to Abbott, Arne Schwindt, Inc. in the amount of \$2,100,000.00 contingent on the SWC's decision to utilize existing subsequent users in the evaluation of the feasibility criteria.

Sincerely,

BARTLETT & WEST/AECOM

Keegan Richards, P.E.  
Project Engineer

Copy: SWA – Jen Murray  
File: SWPP Contract 7-5C: 9.0



PROJECT: SOUTHWEST PIPELINE PROJECT  
 RURAL SERVICE AREA EXPANSION IN THE  
 HEBRON SERVICE AREA  
 CONTRACT 7-5C

3456 East Century Avenue  
 BISMARCK, ND 58503  
 (701) 258-1110

DATE: May 5, 2026  
 LOCATION: ND DEPARTMENT OF WATER RESOURCES

3033.A44

CCI: 14158

Item No.	Description	Engineer's Estimate	CARSTENSEN CONTRACTING, INC. DELL RAPIDS, SD	ABBOTT, ARNE, SCHWINDT, INC. MOORHEAD, MN	BEK CONSULTING DICKINSON, ND	WAGNER CONSTRUCTION, INC. dba WAGNER PLACE INTERNATIONAL FALLS, MN
	<b>Bid Schedule No. 1A – 7-5C MTL Pipe &amp; Appurtenances</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>
	Total Base Bid Price	\$ 5,944,840.00	\$ 4,617,250.00	\$ 5,300,000.00	\$ 4,948,100.00	\$ 5,397,858.50
	Bid Adjustment (Addition) or (Deduction)	\$ -	\$ -			
	<b>TOTAL BID SCHEDULE 1A</b>	<b>\$ 5,944,840.00</b>	<b>\$ 4,617,250.00</b>	<b>\$ 5,300,000.00</b>	<b>\$ 4,948,100.00</b>	<b>\$ 5,397,858.50</b>
	<b>Bid Schedule No. 1B - 7-5C West Project Area Rural Pipe &amp; Appurtenances</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>
	Total Base Bid Price	\$ 11,384,695.00	\$ 9,579,025.50	\$ 9,600,000.00	\$ 13,024,800.00	\$ 17,085,212.00
	Bid Adjustment (Addition) or (Deduction)	\$ -	\$ -			
	<b>TOTAL BID SCHEDULE 1B</b>	<b>\$ 11,384,695.00</b>	<b>\$ 9,579,025.50</b>	<b>\$ 9,600,000.00</b>	<b>\$ 13,024,800.00</b>	<b>\$ 17,085,212.00</b>
	<b>Bid Schedule No. 2 – 7-5C East Project Area Rural Pipe &amp; Appurtenances</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>	<b>Value/Price</b>
	Total Base Bid Price	\$ 2,888,165.00	\$ 2,482,636.00	\$ 2,100,000.00	\$ 3,478,600.00	\$ 3,763,699.00
	Bid Adjustment (Addition) or (Deduction)	\$ -	\$ -			
	<b>TOTAL BID SCHEDULE 2</b>	<b>\$ 2,888,165.00</b>	<b>\$ 2,482,636.00</b>	<b>\$ 2,100,000.00</b>	<b>\$ 3,478,600.00</b>	<b>\$ 3,763,699.00</b>
	<b>TOTAL BID SCHEDULES 1A, 1B, &amp; 2</b>	<b>\$ 20,217,700.00</b>	<b>\$ 16,678,911.50</b>	<b>\$ 17,000,000.00</b>	<b>\$ 21,451,500.00</b>	<b>\$ 26,246,769.50</b>

	<b>SUBCONTRACTORS</b>					
	<b>BORING</b>				LAKE REGION DRILLING DEVILS LAKE, ND	LAKE REGION & EXTREME UNDERGROUND DEVILS LAKE, ND
	<b>SEEDING &amp; RECLAMATION</b>				PREMIER LANDSCAPING MINOT, ND	PREMIER LANDSCAPING MINOT, ND
	<b>ELECTRICAL</b>		BURLINGTON ELECTRIC BURLINGTON, ND	BURLINGTON ELECTRIC BURLINGTON, ND	YES, LLC DICKINSON, ND	BURLINGTON ELECTRIC BURLINGTON, ND
	<b>CONCRETE</b>				WINN CONSTRUCTION DICKINSON, ND	WCI MINOT, ND
	<b>FENCING</b>				ABC FENCING BELFIELD, ND	PREMIER LANDSCAPING MINOT, ND
	<b>SUPPLIERS</b>					
	<b>MANHOLES</b>		RINKER BISMARCK, ND	RINKER MENOKEN, ND	ECP RAPID CITY, SD	RINKER MENOKEN, ND
	<b>VALVES &amp; APPURTENANCES</b>		FERGUSON BISMARCK, ND	FERGUSON BISMARCK, ND	FERGUSON BISMARCK, ND	CORE & MAIN OR FERGUSON MINOT OR BISMARCK, ND
	<b>PIPING</b>		FERGUSON BISMARCK, ND	NORTHERN PIPE PRODUCTS FARGO, ND	FERGUSON BISMARCK, ND	CORE & MAIN OR FERGUSON MINOT OR BISMARCK, ND
	<b>PREFABRICATED VAULTS</b>		DPC WATERTOWN, SD	DAKOTA PUMP MITCHELL, SD	USEMCO WATERTOWN, SD	DPC OR DAKOTA PUMP FARGO, ND

**TO:** Members of the State Water Commission  
**FROM:** Justin Froseth P.E., SWPP Project Manager  
**SUBJECT:** SWPPP Contract 1-1C – Modifications to Existing Intake Pump Stations  
**DATE:** May 13, 2026

Contract 1-1C – Modifications to Existing Intake Pump Stations, is a project to install equipment and complete necessary construction modifications to increase pumping capacity within the existing Southwest Pipeline Project's intake by 3,000 gallons per minute.

The project follows Contract 1-1B, which was the procurement of some of the critical equipment necessary to increase the existing intake's pumping capacity

The attached advertisement for bids was first published on April 24, 2026, with a bid opening scheduled for Tuesday, May 19, 2026. A verbal update of the bid results will be presented during the May 21, 2026, Pre-Commission meeting.

Recommendation to award the contract and the request for funding authorization will be presented at the June State Water Commission meeting.

JF:/1736-99  
Attachment

**ADVERTISEMENT FOR BIDS  
ND STATE WATER COMMISSION  
BISMARCK, ND  
MODIFICATIONS TO EXISTING INTAKE PUMP STATIONS  
SWPP CONTRACT 1-1C**

ND State Water Commission (Owner) is requesting Bids for the construction of the following Project:

**MODIFICATIONS TO EXISTING INTAKE PUMP STATIONS  
SWPP CONTRACT 1-1C**

Bids for the construction of the Project will be received by mail or in-person at the **ND Department of Water Resources** located at **1200 Memorial Highway, Bismarck, ND**, until **11:00 AM, May 19, 2026** local time. At that time the Bids received will be publicly opened and read. Attendees of the bid opening must check in at the Bank of North Dakota lobby and receive a visitor's ID badge. Attendees will be escorted to the Bid opening room by Department of Water Resources staff.

Mailed Bids shall be addressed to Justin Froseth, P.E., North Dakota Department of Water Resources (NDDWR), with an internal envelope containing the bid clearly indicated to be a Sealed Bid for Modifications to Existing Intake Pump Stations, SWPP Contract 1-1C.

The Project includes the following Work:

**The scope of Work generally consists of the replacement of one existing 100 hp and one existing 300 hp pump with 200 hp and 600 hp pumps respectively, installing Variable Frequency Drive (VFD)'s, electrical, and HVAC equipment and making piping improvements at the Southwest Pipeline Project's existing intake facilities on Renner Bay, Lake Sakakawea in Mercer County, ND.**

The project is located at 6153 3<sup>rd</sup> St. NW about 18 miles NW of Beulah, ND. Separate Bid Schedules and Scopes of Work are provided under this Project for the General, Mechanical, and Electrical Contracts. A Combined Single Bid is also provided under the Project to encompass all individual Scopes of Work.

The Work classifications are as follows:

**General Construction – includes but is not limited to: removing one 100 hp vertical turbine pump with 101 foot column in the existing Basin Electric Pump Station (BEPC); removing one 300 hp vertical turbine can pump and appurtenant piping and valves, in the existing SWPP Intake Pump Station; removal of existing 26-inch piping; the installation of one Owner purchased 200 hp vertical turbine pump with 101 foot column in the existing BEPC Intake Pump Station; installation of one Owner purchased 600 hp vertical turbine pump in existing SWPP Intake Booster Pump Station; installation of two 8-inch, four 16-inch, and one 24-inch Owner purchased class 300 butterfly valves; installation of one 16-inch, and one 8-inch Owner purchased class 300 silent check valves; furnishing and installing 8-inch, 16-inch, and 26-inch steel piping; furnishing and installing one 24-inch magnetic flow meter; furnishing and installing appurtenant pressure gages, air release valves, concrete support pads for electrical transformers, housekeeping pad for external holding tank, interior housekeeping pads for VFDs and electrical switchboard, installation of bollards, removal and replacement of one pipeline Combination Air Release Valve, site restoration, gravel surfacing, and other items.**

**Mechanical Construction – includes but is not limited to: removing two existing air handling units; furnishing and installing two water source heat pumps with associated plumbing, controls, and support systems; reposition one existing electric unit heater to new location; furnishing and installing a 2000 gallon external holding tank with anti-flotation pad, and associated sump discharge piping.**

**Electrical Construction – includes but is not limited to: replacement of existing lighting systems fixtures; furnishing and installing all wiring and field connection to and for electrical items supplied under the General and Mechanical contracts, Owner purchased equipment, and utility transformer; installation of two) Owner purchased VFDs, installation of one Owner purchased 1000kVA pad mounted external transformer; installation of one Owner purchased 480V switchboard; performing short circuit and protective device coordination study and arc flash hazard analysis; perform field testing of Owner purchased equipment and existing 1500kW standby generator.**

The Project has a Substantial Completion date of June 30, 2027 .

Each Bid must be accompanied by a separate envelope containing a copy of a current and valid North Dakota Contractor's License issued at least ten days prior to Bid opening, and a Bidder's Bond in a sum equal to five percent of the full amount of the Bid, executed by the Bidder as Principal and by a Surety, conditioned that if the Principal's Bid is accepted and the Contract awarded to Principal, the Principal, within ten days after notice of award, shall execute a Contract in accordance with the terms of the Bid and a Contractor's Bond as required by law and regulations and determinations of the North Dakota State Water Commission. Bidders shall submit proof of qualification to perform the Work as described in the Instructions to Bidders.

The Issuing Office for paper copies of the Bidding Documents is:

**Bartlett & West/AECOM  
3456 E Century Avenue  
Bismarck ND, 58503**

Prospective Bidders may obtain or examine the Bidding Documents at the Issuing Office on Monday through Friday between the hours of 8 AM and 5 PM and may obtain copies of the Bidding Documents from the Issuing Office as described below.

Bidding Documents may be obtained from the Issuing Office during the hours indicated above. Bidding Documents are available online (as portable document format (PDF) files) for a non-refundable charge of \$50 at [www.questcdn.com](http://www.questcdn.com) by entering the following Quest project number 10141573. Please contact Quest CDN.com at 952.233.1632 or [info@questcdn.com](mailto:info@questcdn.com) for assistance. Alternatively, printed Bidding Documents may be obtained from the Issuing Office via in-person pick-up or via mail, upon Issuing Offices receipt of payment. The non-refundable cost of printed Bidding Documents is \$200 per set. Upon Issuing Office's receipt of payment, printed Bidding Documents will be sent via the prospective Bidder's delivery method of choice; the shipping charge will depend on the shipping method chosen. Partial sets of Bidding Documents will not be available from the Issuing Office. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including addenda, if any, obtained from sources other than the Issuing Office or designated website.

Prospective Bidders are urged to register with the designated website as a plan holder, even if Bidding Documents are obtained from a plan room or source other than the designated website in either electronic or paper format. The designated website will be updated periodically with addenda, lists of registered plan holders, reports, and other information relevant to submitting a Bid for the Project. All official notifications, addenda, and other Bidding Documents will be offered only through the designated website.

All Bids will be made on the basis of cash payment for such Work. The State of North Dakota, acting through the ND State Water Commission, reserves the right to award the Contract, if awarded, based on the lowest responsive Bid(s) that is in the best interest and most advantageous to the Owner, to reject any and all Bids, to consider other factors in selecting the Bid which is in the best interest of the Owner,

and to waive any and all irregularities in any Bid. The Owner reserves the right to hold all Bids for a period of sixty calendar days after the date of the Bid opening to complete financial arrangements.

**This Advertisement is issued by:**

Owner: **North Dakota State Water Commission**

By: **Reice Haase**

Title: **Secretary**

Date: **April 23, 2026**

MEMORANDUM

**TO:** Lt. Governor Michelle Strinden  
**FROM:** Reice Haase, Secretary  
**SUBJECT:** SWPP – Reimbursement From Reserve Fund For Replacement and Extraordinary Maintenance  
**DATE:** May 13, 2026

The Southwest Water Authority (SWA) maintains a reserve fund for Replacement and Extraordinary Maintenance (REM), as required by authorizing legislation. The agreement transferring operation and maintenance responsibilities for the Southwest Pipeline Project (SWPP) from the State Water Commission (Commission) to SWA provides that expenditures from the REM fund must be authorized by the Commission. The agreement further states that the reserve fund is to be maintained, with accrued interest, at an amount determined by the Commission.

Known REM projects are included in SWA's annual budget, which is approved by the Commission during its December meeting. For projects arising after budget approval, SWA consults with Department of Water Resources (DWR) staff to determine whether the project qualifies for REM funding. SWA initially pays for REM project construction through its operations and maintenance fund and subsequently seeks reimbursement from the REM fund following completion of the work and approval by both the SWA Board and the Commission.

The Commission received the attached April 6, 2026, letter from SWA requesting reimbursement of \$649,315.22 from the REM fund. SWA also provided supporting documentation detailing the expenses associated with each request. The supporting documentation totals 86 pages and is available upon request.

Reimbursement is requested for the following items:

1. Work under SWA Contract CP-2024-1, Cathodic Protection Improvements, has been completed by WBI Energy Corrosion Services. The project included installation of three deep-well anode beds, one shallow anode bed, two rectifiers, and associated electrical components. This project was included in the 2026 REM budget in the amount of \$650,000 and was previously approved through the budgeting process. The total project cost was \$567,165.24, which has been paid.

SWPP – Reimbursement From Reserve Fund For Replacement And Extraordinary Maintenance

Page 2 of 2

May 13, 2026

2. SWA purchased 119 reverse osmosis membranes for the OMND Water Treatment Plant from Consolidated Water Solutions. This purchase was included in the 2026 REM budget in the amount of \$65,000 and was previously approved through the budgeting process. The total expense was \$60,690.00, which has been paid.
3. Replacement of the Coffin Butte VFD pumps and motor has been completed. A mechanical seal leak caused by pump shaft scarring necessitated full replacement of the pumps and motor. This work was included in the 2026 REM budget under pumps and motor replacements in the amount of \$175,000 and was previously approved through the budgeting process. The total expense was \$21,459.98, which has been paid.

The REM fund balance was \$28,989,217.38 as of February 28, 2026.

**I recommend the State Water Commission approve the reimbursement from the Southwest Pipeline Project's reserve fund for Replacement and Extraordinary Maintenance (REM) in the amount of \$649,315.22.**

RH:JF: /1736-99

Attachment



April 6, 2026

Mr. Reice Haase  
Director of ND Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505

RE: Reimbursement from the Reserve Fund for Replacement and Extraordinary Maintenance

Mr. Haase:

Work on SWA Contract CP-2024-1 Cathodic Protection Improvements has been completed by WBI Energy Corrosion Services. The contract consists of three deep well anode beds, one shallow anode bed, two rectifiers and the electrical components. This is a budgeted item for the REM Fund for 2026. The amount in the budget is \$650,000.00 and was previously approved in the budgeting process. The total expense was \$567,165.24 and has been paid.

Material was purchased from Consolidated Water Solutions for 119 RO Membranes at the OMND WTP. This is a budgeted item for the REM Fund for 2026. The amount in the budget is \$65,000.00 and was previously approved in the budgeting process. The total expense was \$60,690.00 and has been paid.

The Coffin Butte VFD pumps and motor replacement is complete. A mechanical seal leak caused by pump shaft scarring required full replacement of the pumps and motor. This is a budgeted item for the REM Fund for 2026. The amount in the budget for pumps and motor replacements is \$175,000.00 and was previously approved in the budgeting process. The total expense was \$21,459.98 and has been paid.

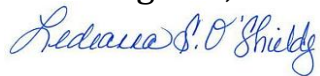
The current balance in the Reserve Fund for Replacement and Extraordinary Maintenance is \$28,989,217.38 as of February 28, 2026.

**I respectfully request the SWC for reimbursement for Contract CP-2024-1 Cathodic Protection Improvements, OMND WTP RO Membranes, and the Coffin Butte VFD pumps and motor replacement from the Reserve fund for Replacement and Extraordinary Maintenance, and release of \$649,315.22.**

The SWA Board of Directors took similar action at its April 6, 2026, meeting.

If you should have any questions or require further information, please let me know.

Kind regards,



Ledeanna S. O'Shields  
CFO/Office Administrator  
Southwest Water Authority

Enclosures

CC: Jen Murray, Manager/CEO, SWA  
Sindhuja S. Pillai-Grinolds, PE, Director of Water Development, DWR  
Justin Froseth, PE, SWPP Manager, Water Development Division, DWR

MEMORANDUM

**TO:** Members of the State Water Commission  
**FROM:** Justin Froseth P.E., SWPP Project Manager  
**SUBJECT:** Replacement and Extraordinary Maintenance Projects Reimbursement Process  
**DATE:** May 13, 2026

State owned projects, Southwest Pipeline Project (SWPP) and the Northwest Area Water Supply (NAWS), project collect and maintain a reserve fund for Replacement and Extraordinary Maintenance (REM) in accordance with the North Dakota Century Code. The REM eligibility criterion for SWPP was last approved at the March 29, 2017 State Water Commission (Commission) meeting. The approved eligibility criterion for use of REM funds is a single event which has a repair or replacement cost of \$20,000 or more. Annual maintenance items have not been eligible for REM funds.

The REM policy adopted for NAWS at the June 13, 2012 SWC meeting noted that items over \$15,000 are eligible for REM funds. Department of Water Resources (DWR) staff recommends increasing the REM eligibility criterion for NAWS to \$20,000 or more per project to have uniformity between the two state owned projects.

**REM Approval Process For SWPP:**

The agreement for the transfer of management, operations, and maintenance responsibilities of the SWPP from the Commission to the Southwest Water Authority, notes that the Commission shall determine whether or not a proposed project is replacement or extraordinary maintenance. If the Commission determines that the proposed project is replacement or extraordinary maintenance, the Commission shall authorize such expenditures. The agreement further states that the reserve fund is to be maintained, with accrued interest, at an amount determined by the Commission.

Known REM projects are included in SWA's annual budget, which is approved by the Commission during its December meeting. For projects arising after budget approval, SWA consults with DWR staff to determine whether the project qualifies for REM funding. SWA initially pays for REM project construction through its operations and maintenance fund and subsequently seeks reimbursement from the REM fund following completion of the work and approval by both the SWA Board and the Commission.

May 13, 2026

To streamline the approval process, DWR staff proposes that reimbursement of REM projects already included in the annual budget be approved by the Commission Secretary after staff review and recommendation, which will eliminate an additional Commission approval.

Occasionally, projects that were not anticipated during the annual budget process and cannot be delayed may be eligible for REM funds. In those cases, DWR staff will seek Commission approval regarding REM fund eligibility.

**REM Approval Process For NAWS:**

Commission owns and operates the NAWS project. NAWS project has not typically presented an annual budget to the Commission. Instead, approval of the water rates are presented. DWR staff will present annual budgets which will include projects anticipated to use REM funds starting in 2027. On NAWS, currently there are two approved REM eligible projects: 1. Repair or replacement of the NAWS high service pump #1 at the High Service Pump Station and 2. Repair or replacement of Booster Pump Station #4's Variable Frequency Drive #2.

Similar to the proposal above for SWPP, DWR staff recommends that reimbursement requests for REM projects, already approved as eligible REM projects, be approved by the Secretary following staff review and recommendation, eliminating the need for an additional Commission approval. Beginning in 2027, REM-eligible projects will be incorporated into an annual budget submitted to the Commission for approval.

**I recommend the eligibility criterion for Northwest Area Water Supply Project's Replacement and Extraordinary Maintenance funds as a single project exceeding \$20,000.**

**I recommend the Commission authorize the Secretary to approve the reimbursement from the Southwest Pipeline and Northwest Area Water Supply project's Replacement and Extraordinary Maintenance funds for Commission approved eligible Replacement and Extraordinary Maintenance projects.**

RH:SSP/1736-99; 237-4

**TO:** Lt. Governor Michelle Strinden  
Members of the State Water Commission

**FROM:** Reice Haase, Secretary

**SUBJECT:** NAWS – Contract 1-1A Intake and Snake Creek Pumping Plant  
Modifications – Funding Allocation Update

**DATE:** May 11, 2026

The scope of work for Contract 1-1A includes the construction of a new NAWS raw water intake, large diameter (48") intake pipeline with isolation valve, steel intake bulkhead, small diameter airburst, and chemical feed pipelines in Lake Sakakawea outside the existing Bureau of Reclamation's (BOR) Snake Creek Pumping Plant. A portion of the cofferdam removal costs will be reimbursed by Garrison Diversion Conservancy District (GDCCD) and BOR. Contract 1-1A was bid with two Bid Schedules. Bid Schedule A: Contract No.1 is for Dredging, Pipeline, and Facility construction. Bid Schedule B: Contract No. 2 is for Isolation Valve Construction. Bid Schedule B: Contract 2 included two Bid Alternates. Bid Alternate A.1 for Butterfly Isolation Valve and Bid Alternate A.2 for Axial Isolation Valve. The two Bid Alternates were included due to concerns with obtaining the valve that meets the BOR's Buy American specifications.

NAWS Contract 1-1A Contract No. 1 – Dredging, Pipeline, and Facility Construction and NAWS Contract 1-1A Contract No. 2 – Isolation Valve Construction with Bid Alternate A.2, Axial Isolation Valve were awarded to Engineering and Construction Innovations, Inc (ECI) of Oakdale, MN. At the August 2025, State Water Commission (SWC) meeting, it was noted that federal Municipal, Rural, and Industrial (MR&I) funding, funding from BOR/GDCCD, and funding from City of Minot's sales tax fund was planned to be used for Contract 1-1A Contract 1. Contract 2, Bid Alternate A.2 included non Buy American compliant valve, so funding from Resource Trust Fund and City of Minot's sales tax fund were planned to be used for Contract 1-1A Contract 2. Resources Trust Fund and City of Minot's sales tax fund was planned to be used for the construction management services. Based on that, SWC approved an allocation of \$18.97 million in federal MR&I water supply funding and \$2.79 million from the unallocated funds carried over from the 2023-2025 biennium for NAWS Contract 1-1A.

The Contractor has notified the Engineer that the intake screen structure, which is currently part of Contract 1-1A, Contract No. 1, do not meet the BOR's Buy American specifications and is not eligible for federal funding. The cost for furnishing and installing

NAWS – Contract 1-1A Intake and Snake Creek Pumping Plant Modifications – Funding Allocation Update

Page 2 of 2

May 11, 2026

the intake structure is approximately \$335,000. Change Orders will be issued to move the scope of work that covers the furnishing and installation of the intake screen structure from Contract 1-1A, Contract 1 to Contract 1-1A, Contract 2. To accommodate this change, the previously approved funding allocation must be modified by reducing the federal MR&I funding from \$18.97 million to \$18.64 million and increasing the \$2.79 million in Resources Trust funds to \$3.13 million.

**I recommend the State Water Commission approve the updated funding allocation of \$18.64 million, which is a reduction of \$335,000 from federal Municipal, Rural, and Industrial water supply and \$3.13 million, which is an addition of \$335,000 from the unallocated funds carried over from the 2023-2025 biennium for Northwest Area Water Supply Project.**

RH:BHH/237-4

DRAFT

# 1087454 - Davenport Flood Risk Reduction Project

## Application Details

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<b>Funding Opportunity:</b> 1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b> Feb 23, 2026 4:29 PM
<b>Funding Opportunity Due Date:</b> Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b> Melissa Hinkemeyer
<b>Program Area:</b> Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b> Apr 24, 2026 12:58 PM
<b>Status:</b> Submitted	<b>Last Submitted By:</b> Melissa Hinkemeyer
<b>Stage:</b> Final Application	

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Salutation Josh  
First Name  
Middle Name Wayt  
Last Name  
**Title:** Funding Specialist  
**Email\*:**  
josh.wayt@mooreengineeringinc.com  
**Address\*:** 925 10th Ave E  
Suite 1

### Organization Information

**Status\*:** Approved  
**Name\*:** Maple River Water Resource District  
**Organization Type\*:** Political Subdivision  
**Tax Id:** 45-0357490  
**Organization Website:**  
**Address\*:** 1201 Main Avenue W  
West Fargo North Dakota  
City State/Province  
58078-\_\_\_\_  
Postal Code/Zip  
**Phone\*:** (701) 298-2381 Ext.  
###-###-####

West Fargo North Dakota  
City State/Province

58078

Postal Code/Zip

**Phone\*:** (701) 200-5455 Ext.  
Phone  
###-###-####

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

**Comments:**

**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\*:** Davenport Flood Risk Reduction Project

**Sponsor(s)\*:** Maple River Water Resource District

**County\*:** Cass

**City\*:** Davenport

**Description of Request\*:** Updated (previously submitted)

**Project Type:** 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\*:**

Maple River Water Resource District, the City of Davenport, and the city's 256 residents.

**Describe the Problem/Need**

**and the Circumstances that  
Led to This Application\*:**

Overland flooding from the Sheyenne River has caused significant problems for the City of Davenport, most recently in 1997, 2009, 2010, and 2011. The City has successfully fought past flood events with temporary measures such as clay and sandbag levees, but these measures are not reliable long-term solutions and are not recognized by FEMA when evaluating flood risk. FEMA revised their floodplain mapping for the City in 2025 and a majority of the community is shown to be within the 100-year floodplain. This resulted in many homes and businesses having to obtain expensive flood insurance policies. The City and Maple River Water Resource District have jointly discussed the need for permanent flood risk reduction. Although flood insurance is an economic challenge for the City's residents, funding of a flood control project is also a major challenge for a small City.

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

A feasibility study was completed in June 2018 to evaluate multiple alternatives and determined that an earthen ring levee encircling the city is the most cost-effective solution. With the new maps now effective, no further modifications will be made to FEMA's hydraulic models, allowing the project design to be finalized with confidence. The proposed design includes an earthen levee with three roadway closures and six railroad closures, culverts, an interior stormwater detention pond, and a lift station. Upon completion, a Letter of Map Revision (LOMR) will be submitted to FEMA to update the Flood Insurance Rate Maps (FIRMs). This revision will remove the federal requirement for flood insurance, potentially saving residents thousands of dollars annually. The project will be designed to provide protection against the 1% annual chance (100-year) flood event, reducing flood risk and minimizing the need for future emergency flood-fighting efforts related to overland flooding.

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

The District has a cost-share agreement with the State Water Commission (SWC) for the Davenport Flood Risk Reduction Project dated June 5, 2020. A substantial amount of work has been completed since the signing of the cost-share agreement and the project is nearing the start of construction.

Project costs have increased from the amount approved by the SWC in 2020. This is due to a combination of factors, including modeling updates to be compliant with FEMA, railroad negotiations, land value increases, construction costs increases, inflation, etc.

The goal of this request is to obtain cost share for the anticipated costs pursuant to current Department of Water Resources (DWR) cost-share policy. The District respectfully requests 60% DWR cost-share for the eligible project costs.

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

This application is for an amendment to increase the cost-share provided by the SWC to match the project's updated opinion of cost for all eligible items. Eligible cost items included in this amendment request include engineering, permitting, FEMA CLOMR/LOMR development, land acquisition, utility relocations, construction, and construction engineering. Once the project's funding is finalized the project will be bid with construction expected to start this summer.

**For this project,**

**Choose City, County, Water**

Water District

**District or Other\*:**

**What is the Current Estimated Population?\*** 256

For this project,

**What is the Benefited Population?\*** 256

**Have Assessment Districts Been Formed?\*** Yes

**Date Formed:** 12/30/2020

**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):**

CLOMR approved 9/27/24. Section 404 approved 6/22/23.

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

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

CLOMR approved 9/27/24. Section 404 approved 6/22/23.

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

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

DWR Construction Permit No. 2725 approved on 4/2/26.

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

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

DWR Construction Permit No. 2725 approved on 4/2/26.

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

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

The project needs floodplain development permits for the City of Davenport, Cass County, Normanna Township, and Warren Township.

**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\*:** 10/01/2020

**Design Completion\*:** 04/01/2026

**Bid\*:** 05/04/2026

**Construction Start\*:** 07/01/2026

**Construction Completion\*:** 10/01/2027

**Explain Additional Timeline Issues\*:**

No additional timeline issues are anticipated at this time.

**Consulting Engineer\*:** Kurt Lysne

**Engineer Direct Phone Number\*:** 701-499-5856

**Engineer Email\*:** kurt.lysne@mooreengineeringinc.com

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

**It is an Offense to Intentionally Falsify Statements as Part of the Cost-Share Application** Yes

**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\*:** Melissa Hinkemeyer 04/24/2026  
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:** Gerald Melvin  
First Name Last Name

**Authorized Signor  
Title/Position:** Chairman

**Authorized Signor Email:** gemelvin10@gmail.com

**Authorized Signor Direct  
Phone Number:** 701-793-1695

**Provide the Name for One  
Additional Board Member, if  
Applicable:** Chad Miller  
First Name Last Name

..

<b>Additional Board Member Title/Position:</b>	Vice-Chairman
<b>Additional Board Member Email:</b>	millerad55@hotmail.com
<b>Additional Board Member Direct Phone Number:</b>	701-371-8075

## 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** A\_19611\_Project\_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:** B\_Meeting Minutes 2026-02-13 - Special Meeting - DRAFT.pdf

**Cover Letter:** 19611\_SWC\_CoverLetter\_04.24.26.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:** C\_Davenport\_Construction\_Delineation\_v2.xlsx

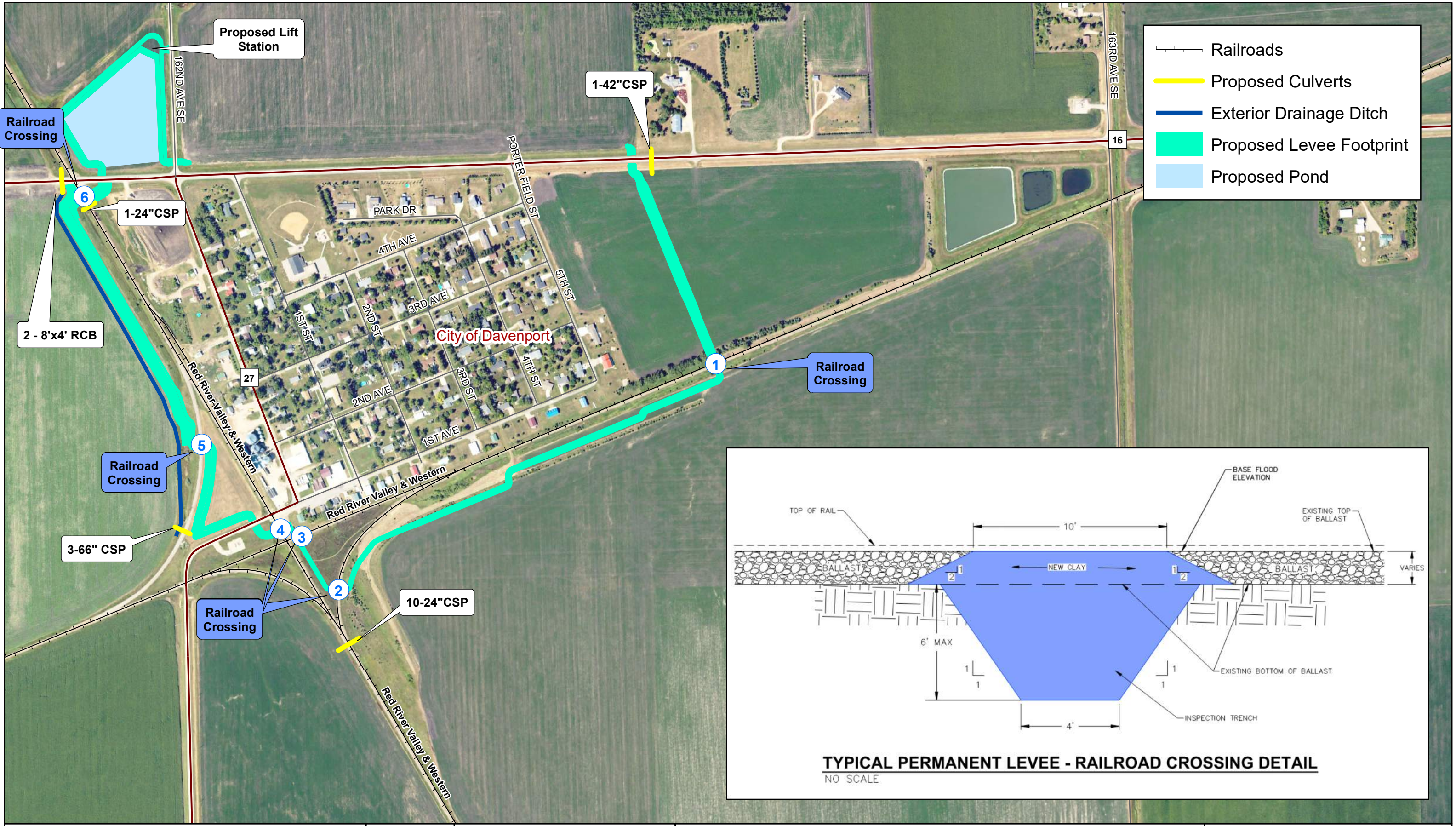
**Type of Request:** Construction

<b>Signed Plans and Specifications For Bidding:</b>	D_19611_Plans_2026-02-23.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>	CP_2725_ROD.pdf
<b>Conditional Letter of Map Revision (CLOMR), if Required for Construction Request:</b>	H_ApprovedCLOMR.pdf
<b>Has a Feasibility/Engineering Study Been Completed for the Project?:</b>	Yes
<b>Feasibility/Engineering Study Material:</b>	G_FeasibilityPER_2018-07-05.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>	
<b>Other Applicable Document:</b>	E_FloodControlAgreement_wExhibits_WRD_RRVW_BNSF_signed_02-23-26.pdf
<b>Other Applicable Document:</b>	19611_Economic Analysis Memo_2026-04-23.pdf

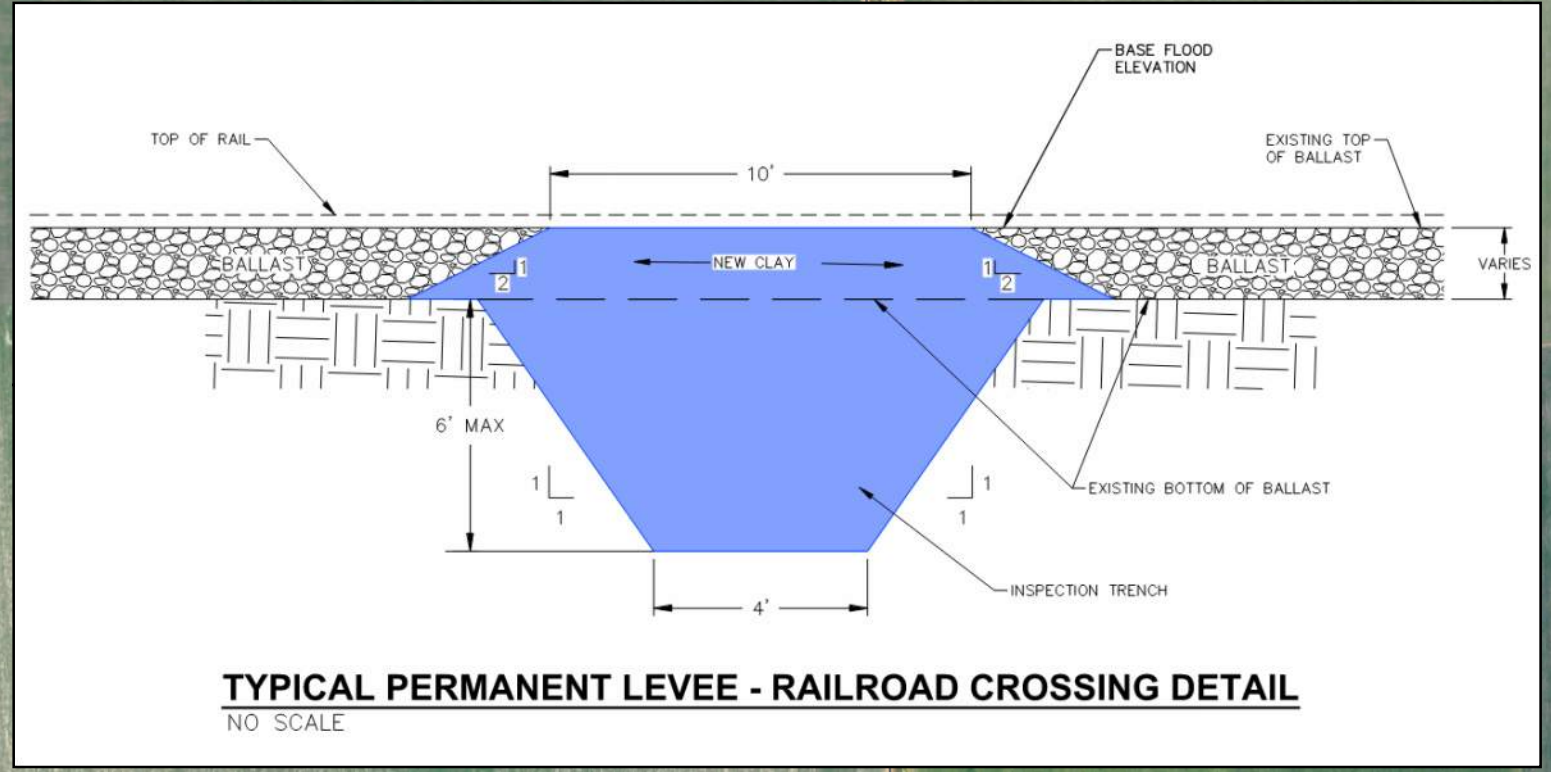
## Sources

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

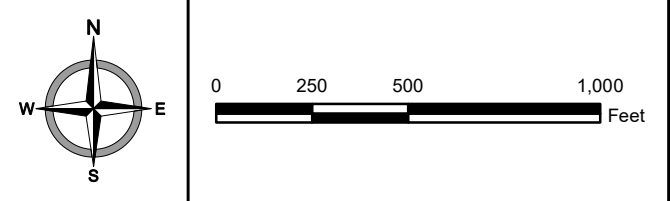
Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
Department of Water Resources Cost Share Construction		Already Approved	\$2,083,600.00	\$0.00	\$0.00	\$2,083,600.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$2,041,659.00	\$0.00	\$2,041,659.00		0.00	0.00
Other	Local assessment district	Already Approved	\$0.00	\$460,352.00	\$0.00	\$460,352.00		0.00	0.00
Other	Cass County Flood Sales Tax Program	Already Approved	\$0.00	\$1,425,000.00	\$0.00	\$1,425,000.00		0.00	0.00
Other	Cass County Flood Sales Tax Program	Future Request	\$0.00	\$2,017,445.00	\$0.00	\$2,017,445.00		0.00	0.00
			<b>\$2,083,600.00</b>	<b>\$5,944,456.00</b>	<b>\$0.00</b>	<b>\$8,028,056.00</b>			



- Railroads
- Proposed Culverts
- Exterior Drainage Ditch
- Proposed Levee Footprint
- Proposed Pond



**Davenport Flood Risk Reduction Project  
Proposed Features and Railroad Crossing Detail  
Cass County, North Dakota**



Created By: GIS Date Created: 01/16/23 Date Saved: 01/26/25 Date Plotted: NEVER Date Exported: 01/26/25  
 Plotted By: alexa.ducloame Parcel Date: NA Aerial Image: 2022 County NAIP SIDS Elevation Data: Lidar  
 Horizontal Datum: NAD 1983 UTM Zone 14N Vertical Datum: NAVD1988  
 T:\Projects\196001\19611\19611\_Davenport\_RRclosures.mxd



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

**\$4,128,349 Total Eligible Costs.**  
**- \$2,083,600 Previously Approved Cost-share on 4/9/2020 (for combined PreCon. & Constr. Project).**  
**= \$2,044,749 Requested Cost-share for project cost-increase.**

**Bid date: 6/4/2026**

**DWR Received: May 04, 2026**

Date:	5/3/26
Project:	Davenport Flood Risk Reduction Project
Sponsor:	Maple River Water Resource District
Contact:	Melissa Hinkemeyer, Director, Secretary
Phone:	701-298-2384
Engineer:	Kurt Lysne, Moore Engineering, Inc.
Phone:	701-499-5856

Total Cost:	\$ 7,950,693.26	Total Cost-Share*:	\$ 4,128,349.33
Ineligible Cost:	\$ 992,988.80	Other Eligible:	\$ -
Eligible Cost:	\$ 6,957,704.46	Preconstruction:	\$ 968,480.11
Local Cost:	\$ 3,822,343.93	Construction:	\$ 3,206,142.57

Project Type:	Cost-share %
Flood Protection	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	0.4%	Preliminary Design	1	LS	35,589.92	\$ 35,589.92	60%	\$ 21,353.95
7	0.7%	Geotechnical Investigations	1	LS	55,490.88	\$ 55,491	60%	\$ 33,294.53
8	7.0%	Final Design	1	LS	560,000.00	\$ 560,000	60%	\$ 336,000.00
9	6.2%	Property/Land Acquisition (for Flood Protection)	1	LS	491,510.70	\$ 491,511	60%	\$ 294,906.42
10	0.9%	Survey (Easements/Monumenting)	1	LS	75,000.00	\$ 75,000	60%	\$ 45,000.00
	2.5%	Flood Insurance Studies (CLOMR)	1	LS	198,729.01	\$ 198,729	60%	\$ 119,237.41
	0.4%	Utility Coordination	1	LS	30,000.00	\$ 30,000	60%	\$ 18,000.00
	1.2%	Right-of-Way Administration	1	LS	95,000.00	\$ 95,000	60%	\$ 57,000.00
	0.3%	Permitting	1	LS	25,677.00	\$ 25,677	60%	\$ 15,406.20
	0.6%	Wetland Mitigation	1	LS	47,136.00	\$ 47,136	60%	\$ 28,281.60
	20.3%	<b>Preconstruction Total</b>				\$ 1,614,133.51	60%	\$ 968,480.11

<b>Construction Engineering Costs</b>								
11	5.2%	Construction Contract Mngt.	1	LS	412,500.00	\$ 412,500.00	60%	\$ 247,500.00
12	2.5%	Utilities - Construction	1	LS	200,000.00	\$ 200,000.00	60%	\$ 120,000.00
13	1.3%	Flood Insurance Studies (LOMR)	1	LS	100,000.00	\$ 100,000.00	60%	\$ 60,000.00
14	0.0%		0		-	\$ -	60%	\$ -
	9.0%	<b>Construction Engineering Total</b>				\$ 712,500	60%	\$ 427,500.00

<b>Construction Costs</b>								
15	4.3%	Materials - Topsoil	67685	CY	5.00	\$ 338,425.00	60%	\$ 203,055.00
16	9.6%	Common Excavation	109395	CY	7.00	\$ 765,765.00	60%	\$ 459,459.00
17	9.3%	Materials - Fill	70330	CY	10.50	\$ 738,465.00	60%	\$ 443,079.00
18	1.9%	Gateway Structure	1	EA	150,000.00	\$ 150,000.00	60%	\$ 90,000.00
19	12.6%	Pump Equipment	1	LS	1,000,000.00	\$ 1,000,000.00	60%	\$ 600,000.00
20	0.1%	Saw Cut	300	SY	25.00	\$ 7,500.00	60%	\$ 4,500.00
21	0.0%	Bedding	30	CY	30.00	\$ 900.00	60%	\$ 540.00
22	0.1%	Curb and Gutter	175	LF	50.00	\$ 8,750.00	60%	\$ 5,250.00
23	0.3%	Concrete	200	SY	100.00	\$ 20,000.00	60%	\$ 12,000.00
24	0.1%	Geotextile Fabric	2335	SY	4.50	\$ 10,507.50	60%	\$ 6,304.50
25	1.5%	Concrete - Cast-In-Place	3	EA	40,000.00	\$ 120,000.00	60%	\$ 72,000.00
26	0.1%	Culvert Removals	155	LF	30.00	\$ 4,650.00	60%	\$ 2,790.00
27	2.4%	Concrete Box Culverts - All Sizes	135	LF	1,400.00	\$ 189,000.00	60%	\$ 113,400.00
28	0.7%	Rip-Rap	522	CY	100.00	\$ 52,200.00	60%	\$ 31,320.00
29	1.1%	Paving	870	SY	100.00	\$ 87,000.00	60%	\$ 52,200.00
30	0.0%	Painting	584	LF	3.00	\$ 1,752.00	60%	\$ 1,051.20
31	0.1%	Connection to Existing Line	2	EA	2,500.00	\$ 5,000.00	60%	\$ 3,000.00
32	0.1%	Gate Valve	2	EA	3,500.00	\$ 7,000.00	60%	\$ 4,200.00
33	0.1%	Water Main 6 in	90	LF	110.00	\$ 9,900.00	60%	\$ 5,940.00
34	5.3%	Storm Sewer - All types & sizes	1114	LF	375.00	\$ 417,750.00	60%	\$ 250,650.00
35	0.4%	Flared End Section - All sizes	10	EA	3,100.00	\$ 31,000.00	60%	\$ 18,600.00
36	1.1%	Mobilization	1	LS	85,000.00	\$ 85,000.00	60%	\$ 51,000.00
37	0.2%	Erosion Control	1	LS	16,500.00	\$ 16,500.00	60%	\$ 9,900.00
38	0.4%	Seeding	30	AC	1,100.00	\$ 33,000.00	60%	\$ 19,800.00
39	0.4%	Dewatering	1	LS	35,000.00	\$ 35,000.00	60%	\$ 21,000.00
39	0.3%	Traffic Control	1	LS	25,000.00	\$ 25,000.00	60%	\$ 15,000.00
39	0.6%	Material Testing	1	LS	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
		<b>Construction Sub-Total</b>				\$ 4,210,064.50	60%	\$ 2,526,038.70
	5.3%	<b>Allowable Contingency (10%)</b>				\$ 421,066.45	60%	\$ 252,603.87
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	60%	\$ -
	58.2%	<b>Construction Total</b>				\$ 4,631,070.95	60%	\$ 2,778,642.57

Eligible Preconstruction	\$ 1,614,133.51	60%	\$ 968,480.11
Eligible Construction	\$ 5,343,570.95	60%	\$ 3,206,142.57
<b>Eligible Total</b>	<b>\$ 6,957,704.46</b>	<b>60%</b>	<b>\$ 4,174,622.68</b>

<b>Ineligible Preconstruction Costs</b>								
40	0.3%	Economic Analysis Development	1	LS	20,000.00	\$ 20,000	0%	\$ -
41	3.1%	Funding, Administrative, & Legal	1	LS	248,564.08	\$ 248,564	0%	\$ -
42	9.1%	Financing Bonds	1	LS	724,424.72	\$ 724,425	0%	\$ -
43	0.0%	Ineligible Soft Costs	1	LS	(77,122.24)	\$ -	60%	\$ (46,273.34)
44	0.0%					\$ -	0%	\$ -
	12.5%	<b>Preconstruction Ineligible Total</b>				\$ 992,989	0%	\$ (46,273.34)

<b>Ineligible Construction Costs</b>								
45	0.0%					\$ -	0%	\$ -
46	0.0%					\$ -	0%	\$ -
47	0.0%					\$ -	0%	\$ -
48	0.0%					\$ -	0%	\$ -
48	0.0%	<b>Construction Ineligible Total</b>				\$ -	0%	\$ -

<b>Ineligible Total</b>	<b>\$ 992,988.80</b>	<b>0%</b>	<b>\$ (46,273.34)</b>
<b>Project Total</b>	<b>\$ 7,950,693.26</b>		

<b>Federal or State Funds That Supplant Costs</b>	<b>\$ -</b>		
<b>Eligible Cost Total</b>	<b>\$ 6,957,704.46</b>	<b>60%</b>	<b>\$ 4,128,349.33</b>

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

## Economic Analysis Review

Project Title: Davenport, ND Flood Risk Reduction Date: May 4, 2026  
 Description: Levee to protect the town from a 100-yr flood.  
 Project Type: \_\_\_\_\_

Project Overview			
Project Area:		City of Davenport	
County	Cass		
City	Davenport		
Agricultural Acres Impacted	-		
Urban	No		
Population Served	256		
	Cost	O & M	Total
Nominal	\$7,950,693	\$15,000/yr	\$8,715,693
PV (50 years)	\$7,950,693	\$382,560	\$8,333,253
\$ / Capita	\$31,057.39	\$1,494.38	\$32,551.77
\$ / Acre	-	-	-

Inputs	
Protection Level:	1:100
Consumptive and Non-Consumptive Benefits:	
NA	
Detours:	
NA	

Results			
Project Performance Metrics	Notes		
	Present Value	Average Annual	
Benefit-to-Cost Ratio	0.033		
Net Benefits	-\$8,058,015	-\$328,205	
Internal Rate of Return (IRR)	NA		
Payback Year	None		

Average Annual Damages							
Rural				Urban			
	Difference	Without	With		Difference	Without	With
Cropland	-	-	-	Damage to structures at risk	\$7,459	\$7,459	\$0
Pasture	0	0	0	Value of other flood costs	\$3,462	\$3,462	
\$	-	-	-				

**Model Function**

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.

**Explanation of Results**

The economic analysis of this project yielded a BCR of 0.033 with present value net benefits of -8.0MM. Consequently, there is no projected return on investment and payback year is not applicable. This analysis includes \$992,989 of ineligible costs.

Population and Trend				
	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2024		
	ND Census: Dept. of Commerce	252	252	0.0%

**Other Comments**

In accordance with SWC guidance, previously spent dollars on a project are treated as sunk costs and are thus excluded from the analysis. However, this analysis presents the scenario under which the cost increase/overrun of the project falls outside of the guidelines and is instead evaluated in its entirety where full project costs inform the analysis. Project is evaluated at a life of 50 years and protects against a 500-year flood meeting FEMA standards of 100-year flood protection. Without this project 2 structures are impacted at a 25 year event, 60 structures at a 50 year event, 167 structures at 100 year event, and 190 at a 500 year event and portions of the city would remain in a FEMA 100-year mapped flood zone.

(Note: Construction costs have continued to rise since original application in 2017. Revision of national price index data reveals a 36% increase from Jan 1 2019 to Jan 1 2026. Cost index data is sourced from USACE, USBR, and BLS and includes data specific to levees/flood walls and the broader construction industry. Percent change was averaged across sources to estimate a 36% increase. While nominal project cost increased approximately 112% over this period, after adjusting for construction-cost inflation the project is estimated to be approximately 56% more expensive in real terms.

Glossary
<b>PV</b> - Present Value of all future costs or benefits adjusted to the current dollar value using an interest rate factor.
<b>1:100</b> - The probability of an event. Commonly referred to as a one in one hundred year event. It is more accurately a one in one hundred chance of an event of a specific magnitude happening each individual year.
<b>Nominal</b> - Refers to the dollars spent or benefitted without adjusting for the time value of money or inflation.
<b>Non-consumptive Benefits</b> - These occur when an individual's use does not diminish the supply for other consumers of the benefit (e.g. bird watching).
<b>Damage To Structures At Risk</b> - Is the segregation of flood costs related to physical damage to structures.
<b>Value of Other Flood Costs</b> - All other costs associated with an event (e.g. flood fighting operations, time delays, relocations, etc.).

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.

Version: 1.20250610

## Economic Analysis Review

Project Title: Davenport, ND Flood Risk Reduction Date: May 4, 2026  
 Description: Levee to protect the town from a 100-yr flood.  
 Project Type: \_\_\_\_\_

Project Overview			
Project Area: City of Davenport			
County		Cass	
City		Davenport	
Agricultural Acres Impacted		-	
Urban		No	
Population Served		256	
Cost	Construction	O & M	Total
Nominal	\$7,102,995	\$15,000/yr	\$7,867,995
PV (50 years)	\$7,102,995	\$382,560	\$7,485,555
\$ / Capita	\$27,746.07	\$1,494.38	\$29,240.45
\$ / Acre	-	-	-

Inputs	
Protection Level:	1:100
Consumptive and Non-Consumptive Benefits:	
NA	
Detours:	
NA	

Results			
Project Performance Metrics	Present Value	Average Annual	Notes
Benefit-to-Cost Ratio	0.037		
Net Benefits	-\$7,210,316	-\$293,678	
Internal Rate of Return (IRR)	NA		
Payback Year	None		

Average Annual Damages						
	Rural			Urban		
	Difference	Without	With	Difference	Without	With
Cropland	-	-	-			
Pasture	0	0	0	Damage to structures at risk	\$7,459	\$7,459
\$	-	-	-	Value of other flood costs	\$3,462	\$3,462

**Model Function**

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.

**Explanation of Results**

The economic analysis of this project yielded a BCR of 0.037 with present value net benefits of -7.2MM over the defined 50 year lifespan. Consequently, there is no projected return on investment and payback year is not applicable. This analysis includes \$992,989 of ineligible

Population and Trend				
	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2024		
<b>ND Census: Dept. of Commerce</b>	252	252	0.0%	0

**Other Comments**

In accordance with SWC guidance, previously spent dollars on a project are treated as sunk costs and are thus excluded from the analysis. This analysis presents the scenario in which total reimbursed dollars are considered spent dollars and evaluates the Davenport Flood Risk Reduction project on future costs independent of previously reimbursed dollars. Note, the project is ongoing -- this analysis provides a snapshot of the project as of 5.5.2026 (\$847,698.75) and does not reflect any dollars reimbursed after this date. Consequently it may underestimate sunk costs and underestimate the BCR. Project is evaluated at a life of 50 years and protects against a 500 year flood meeting FEMA standards of 100 year flood protection. Without this project 2 structures are impacted at a 25 year event, 60 structures at a 50 year event, 167 structures at 100 year event, and 190 at a 500 year event and portions of the city would remain in a FEMA 100-year mapped flood zone.

\* Note: Construction costs have continued to rise since original application in 2019. Review of national price index data reveals a ~36% increase from Jan 1 2019 to Jan 1 2026. Cost index data is sourced from USACE, USBR, and BLS and includes data specific to levees/flood walls and the broader construction industry. Percent change was averaged across sources to estimate a 36% increase. While nominal project cost increased approximately 112% over this period, after adjusting for construction-cost inflation the project is estimated to be approximately

**Glossary**

**PV** - Present Value of all future costs or benefits adjusted to the current dollar value using an interest rate factor.

**1:100** - The probability of an event. Commonly referred to as a one in one hundred year event. It is more accurately a one in one hundred chance of an event of a specific magnitude happening each individual year.

**Nominal** - Refers to the dollars spent or benefitted without adjusting for the time value of money or inflation.

**Non-consumptive Benefits** - These occur when an individual's use does not diminish the supply for other consumers of the benefit (e.g. bird

**Damage To Structures At Risk** - Is the segregation of flood costs related to physical damage to structures.

**Value of Other Flood Costs** - All other costs associated with an event (e.g. flood fighting operations, time delays, relocations, etc.).

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.

## Economic Analysis Review

Project Title: Davenport, ND Flood Risk Reduction Date: May 4, 2026  
 Description: Levee to protect the town from a 100-yr flood.  
 Project Type: \_\_\_\_\_

Project Overview			
Project Area:		City of Davenport	
County	Cass		
City	Davenport		
Agricultural Acres Impacted	-		
Urban	No		
Population Served	256		
Cost	Construction	O & M	Total
Nominal	\$5,832,093	\$15,000/yr	\$6,597,093
PV (50 years)	\$5,832,093	\$382,560	\$6,214,653
\$ / Capita	\$22,781.61	\$1,494.38	\$24,275.99
\$ / Acre	-	-	-

Inputs	
Protection Level:	1:100
Consumptive and Non-Consumptive Benefits:	
NA	
Detours:	
NA	

Results			
Project Performance Metrics	Notes		
	Present Value	Average Annual	
Benefit-to-Cost Ratio	0.044		
Net Benefits	-\$5,939,414	-\$241,914	
Internal Rate of Return (IRR)	NA		
Payback Year	None		

Average Annual Damages						
	Rural			Urban		
	Difference	Without	With	Difference	Without	With
Cropland	-	-	-			
Pasture	0	0	0			
\$	-	-	-			
				Damage to structures at risk	\$7,459	\$7,459
				Value of other flood costs	\$3,462	\$3,462

**Model Function**

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.

**Explanation of Results**

The economic analysis of this project yielded a BCR of 0.044 with present value net benefits of -5.9MM for the defined 50 year lifespan. Consequently, there is no projected return on investment and payback year is not applicable. This analysis includes \$992,989 of ineligible costs.

Population and Trend				
	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2024		
	ND Census: Dept. of Commerce	252	252	0.0%

**Other Comments**

In accordance with SWC guidance, previously spent dollars on a project are treated as sunk costs and are thus excluded from the analysis. This analysis presents the scenario in which total committed cost-share dollars are considered spent dollars and evaluates the Davenport Flood Risk Reduction project on future costs independent of previously awarded dollars. Project is evaluated at a life of 50 years and protects against a 500 year flood meeting FEMA standards of 100 year flood protection. Without this project 2 structures are impacted at a 25 year event, 60 structures at a 50 year event, 167 structures at 100 year event, and 190 at a 500 year event and portions of the city would remain in a FEMA 100-year ~~manned flood zone~~

\* Note: Construction costs have continued to rise since original application in 2019. Review of national price index data reveals a ~36% increase from Jan 1 2019 to Jan 1 2026. Cost index data is sourced from USACE, USBR, and BLS and includes data specific to levees/flood walls and the broader construction industry. Percent change was averaged across sources to estimate a 36% increase. While nominal project cost increased approximately 112% over this period, after adjusting for construction-cost inflation the project is estimated to be approximately 56%

Glossary
<b>PV</b> - Present Value of all future costs or benefits adjusted to the current dollar value using an interest rate factor.
<b>1:100</b> - The probability of an event. Commonly referred to as a one in one hundred year event. It is more accurately a one in one hundred chance of an event of a specific magnitude happening each individual year.
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<b>Damage To Structures At Risk</b> - Is the segregation of flood costs related to physical damage to structures.
<b>Value of Other Flood Costs</b> - All other costs associated with an event (e.g. flood fighting operations, time delays, relocations, etc.).

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.



**UPLOADED VIA ND WEBGRANTS**

April 24, 2026

**Maple River  
Water Resource  
District**

Gerald Melvin  
Chairman  
Buffalo, North Dakota

Chad Miller  
Manager  
Buffalo, North Dakota

Dallas Hoffmann  
Manager  
Wheatland, North Dakota

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

Dear Beth:

RE: Davenport Flood Risk Reduction Project Cost-Share Amendment Request  
Cass County, North Dakota

The Maple River Water Resource District (the "District") currently has a cost-share agreement with the State Water Commission (SWC) for the Davenport Flood Risk Reduction Project dated June 5, 2020. A substantial amount of work has been completed since the signing of the cost-share agreement and bidding is now scheduled for June 4, 2026. The existing cost-share agreement includes the following items (with current status):

- Geotechnical work
  - Drilling and design report complete.
- Permitting
  - Section 404 – Approved.
    - Submitted February 16, 2023, and finalized on June 22, 2023.
  - Conditional Letter of Map Revision (CLOMR) – Approved.
    - Submitted May 16, 2023, and approved September 27, 2024
  - Railroad – Approved.
    - RRWV & BNSF agreement was executed on February 23, 2026.
  - Department of Water Resources (DWR) Construction Permit – Approved.
    - Construction Permit No. 2725 was issued on April 2, 2026.
- Design and modeling/mapping
  - Complete.
- Right-of-way acquisition
  - Completed in 2025.
- Final plans
  - Complete.
- Bid Opening
  - Scheduled to be held on June 4, 2026.
- Construction
  - Will begin upon approval of an amendment to the DWR cost-share agreement.

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)

As presented at prior State Water Commission meetings, the project timeline was dependent on the progress of the Western Cass Flood Insurance Study (FIS). The City of Davenport had not been previously mapped into a FEMA floodplain. The Western Cass FIS released preliminary maps in 2016 and 2018 that placed a majority of the City within Zone AE and prompted this project. The maps recently became effective on September 5, 2025, meaning FEMA's hydraulic models were finalized and thus allowed final design of the Davenport Flood Risk Reduction Project to be completed with certainty. This flood risk reduction project will ultimately remove the federal requirement for residents with federally-backed mortgages to obtain flood insurance, while also reducing the effort to fight overland flooding like what they experienced in 2009 and 2011.

Project costs have increased from the amount approved by the SWC in 2020. This is due to a combination of factors, including:

- Modeling updates
  - FIS unsteady-state HEC-RAS model updates in coordination with FEMA and the Fargo-Moorhead Metro Diversion model, which resulted in changing design water surface elevations. These modifications also resulted in re-designs of new exterior culvert installation to mitigate water surface increases the project will cause.
- Railroad negotiations
  - These have gone well, but the process of getting six temporary rail closures as well as culverts for exterior drainage has been a very iterative process.
- Inflation
  - Construction cost.
  - Land values.

Pursuant to current Department of Water Resources (DWR) cost-share policy, the District respectfully requests 60% DWR cost-share for the eligible project costs. Our updated cost estimate indicates 60% of the eligible project costs now total \$4,125,259, which is an increase of \$2,041,659 from the original 2020 agreement.

If you have any questions, please feel free to contact us or our project engineer, Kurt Lysne, Moore Engineering, Inc., at 701-499-5856.

Sincerely,

MAPLE RIVER WATER RESOURCE DISTRICT



Melissa Hinkemeyer  
Director, Secretary

**DRAFT**

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

MINUTES OF MAPLE RIVER WATER RESOURCE DISTRICT SPECIAL MEETING  
ORIGINATING AT THE CASS COUNTY HIGHWAY DEPARTMENT  
HERITAGE CONFERENCE ROOM  
WEST FARGO, NORTH DAKOTA  
FEBRUARY 13, 2026  
9:00 A.M.

A special meeting of the Maple River Water Resource District (MRWRD) was held on February 13, 2026. The meeting was called to order at 9:00 a.m.

Present were Gerald Melvin, Chairman; Chad Miller, Manager; Dallas Hoffmann, Manager; Melissa Hinkemeyer, Director, Secretary; Amy Hepper, Treasurer; Elizabeth Smith, Administrative Assistant; Rita Nelson, Accounting Assistant; Sean M. Fredricks, Katie J. Schmidt, Morgan A. Nyquist, and Christie R. Rust, Ohnstad Twichell, P.C.; Kurt Lysne, Nathan Trosen, Levi Hanson, and Brady Woodard, Moore Engineering, Inc.; Mike Opat, Houston Engineering, Inc.; Duane Breitling, Cass County Commissioner; Tom Soucy, Cass County Highway Department; and Sidney Steinweg, Davenport Township property owner.

**Approval of agenda**

It was moved by Manager Hoffmann, seconded by Manager Miller, and unanimously carried to approve the order of the agenda, as presented.

**Minutes**

It was moved by Manager Miller, seconded by Manager Hoffmann, and unanimously carried to approve the minutes of the January 6, 2026, meeting, as presented.

**Public Comment**

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

**Emergency Action Plan (EAPs) Updates for Absaraka, Embden, and Garsteig Dams**

Mike Opat updated the Board on the status of the Emergency Action Plans for Absaraka, Embden, and Garsteig dams. Mr. Opat noted the Red River Joint Water Resource District and the Cass County Flood Sales Tax Committee approved the respective cost-share requests and the State Water Commission recently approved the application for cost-share. Mr. Opat reviewed the *Agreement for Cost-Share Reimbursement* with the State Water Commission and the associated *Task Order No. 1* with Houston Engineering, Inc.

A motion was made by Manager Miller and seconded by Manager Hoffmann to approve and authorize the Chairman to sign the *Agreement for Cost-Share Reimbursement* with the State Water Commission and the associated *Task Order No. 1* with Houston Engineering, Inc. regarding the Emergency Action Plan updates for Absaraka, Embden, and Garsteig dams. Upon roll call vote, the motion carried unanimously.

## DRAFT

### **Cornell Township Drainage Improvement District No. 80**

Mr. Trosen discussed the methodology to determine the per-parcel benefits of the Cornell Township Drainage Improvement District No. 80 project. The Board discussed scheduling a Barnes-Maple River Joint Water Resource District (BMRJWRD) meeting to finalize the benefits analysis for the project. The Board directed the Secretary to schedule a BMRJWRD meeting.

### **Davenport Flood Risk Reduction Project**

Mr. Trosen updated the Board on the design of the Davenport Flood Risk Reduction Project. The design includes structural work that could be completed by Houston Engineering, Inc. Mr. Opat briefly reviewed Task Order No. 2 for structural design not to exceed \$30,000.

A motion was made by Manager Miller and seconded by Manager Hoffmann to approve and authorize the Chairman to sign the *Task Order No. 2* with Houston Engineering, Inc. for structural design of the Davenport Flood Risk Reduction Project, not to exceed \$30,000. Upon roll call vote, the motion carried unanimously.

Discussion was held on the Agreement with Red River Valley Western Railroad Company and Burlington Northern Santa Fe Railway regarding construction, operation, and maintenance of the Project. All parties have verbally agreed to the terms.

A motion was made by Manager Miller and seconded by Manager Hoffmann to approve and authorize the Chairman to sign the *Flood Control Project Agreement* with Red River Valley Western Railroad Company and Burlington Northern Santa Fe Railway regarding the Davenport Flood Risk Reduction Project. Upon roll call vote, the motion carried unanimously.

Mr. Trosen then discussed the Project timeline including applying for additional cost-share funding for construction.

A motion was made by Manager Miller and seconded by Manager Hoffmann to authorize Moore Engineering, Inc. to work with the Secretary to submit a cost-share application to the State Water Commission for construction of the Davenport Flood Risk Reduction Project, not to exceed \$2 million from the State Water Commission. Upon roll call vote, the motion carried unanimously.

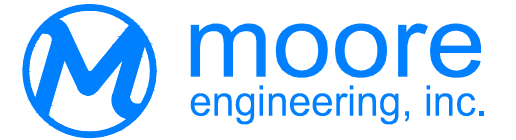
### **Regional Conservation Partnership Program – Upper Maple River Watershed Plan**

Mr. Trosen updated the Board on the RCPP – Upper Maple River Watershed Plan. The National Watershed Management Center division of the Natural Resources Conservation Service continues to review the plan. Moore Engineering, Inc. is responding to comments and questions on the plan and will bring an update to a future meeting. Cass County Joint Water Resource District as the project sponsor is requesting the NRCS attend their next meeting to provide a status update and next steps for the plan.

FILE LOCATION: R:\Projects\1900019600\19611\CIVIL\PRODUCTION\19611-PP.dwg

# DAVENPORT FLOOD RISK REDUCTION PROJECT

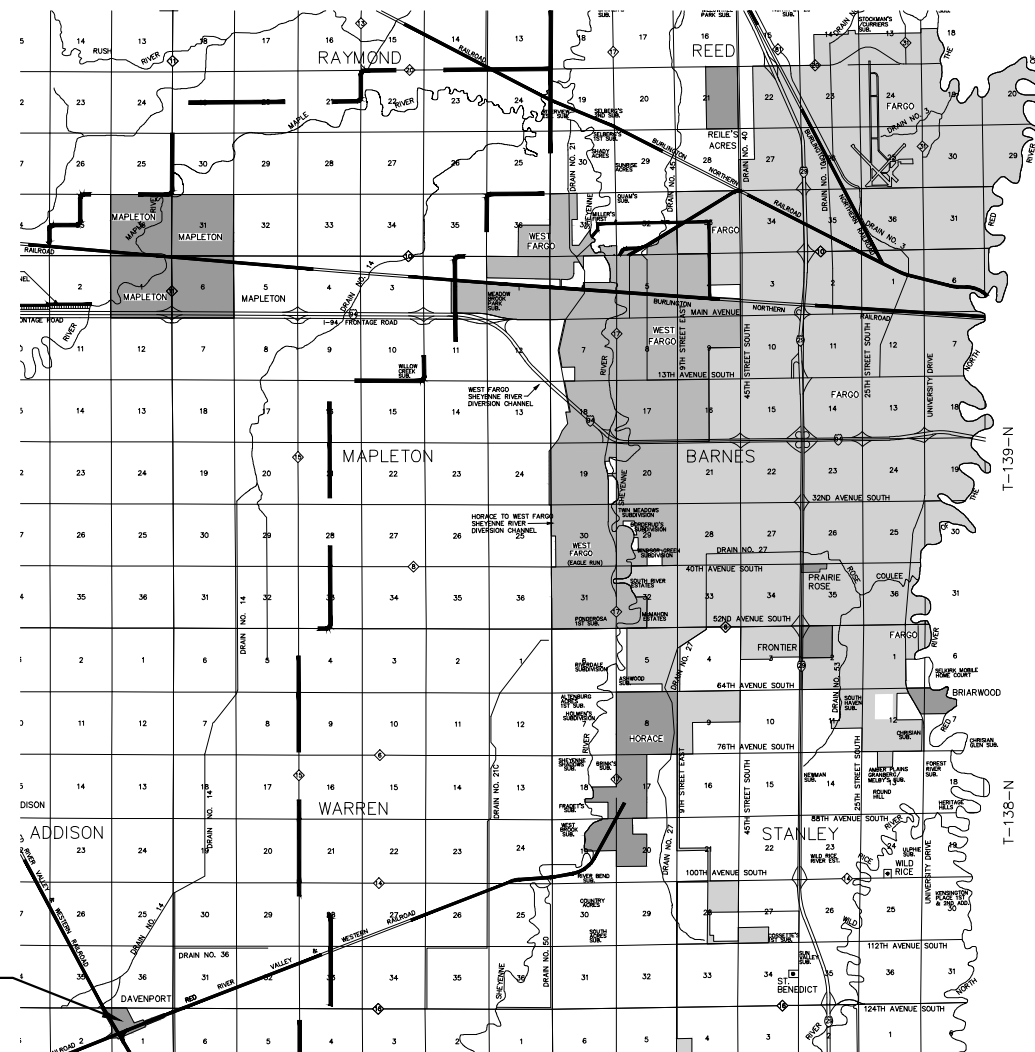
## DAVENPORT NORTH DAKOTA RING LEVEE



Consulting Engineering • Land Surveying  
925 10th Avenue East, Suite 1 • West Fargo, North Dakota  
www.mooreengineeringinc.com

### DAVENPORT, NORTH DAKOTA

VICINITY MAP



PROJECT LOCATION

**HORIZONTAL CONTROL**

NORTH DAKOTA COORDINATE SYSTEM OF 1983, NAD83, SOUTH ZONE  
COMBINATION FACTOR (cf) = .9998875  
ALL COORDINATES ARE CASS COUNTY GROUND COORDINATES

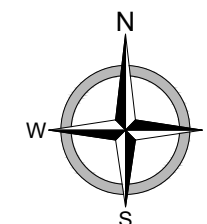
**VERTICAL CONTROL**

NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

**BENCHMARKS/SURVEY CONTROL**

PRIOR TO PROJECT START, OWNER WILL SET AND ESTABLISH  
BENCHMARKS AND SURVEY CONTROL FOR THE PROJECT, AND  
CLEARLY MARK RIGHT-OF-WAY.

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PROJECT No. 19611



FILE LOCATION: R:\Projects\1900019611\CIVIL\PRODUCTION\19611-PP.dwg



Sheet List Table			
Rev #	Rev Date	Sheet Number	Sheet Title
GENERAL			
		G-001	COVER SHEET
		G-002	TABLE OF CONTENTS
CIVIL			
		C-001	CIVIL LEGEND
		C-002	GENERAL NOTES
		C-003	GENERAL NOTES
PROJECT LAYOUTS			
		C-101	GENERAL LAYOUT
		C-102	EROSION CONTROL PLAN
		C-103	EROSION CONTROL PLAN
DETAILS			
		C-201	EROSION CONTROL DETAILS
		C-202	TYPICAL DETAILS - LEVEE AND PAVEMENT
		C-203	TYPICAL DETAILS - SLEEPER SLAB
		C-204	TYPICAL DETAILS - CULVERTS
		C-205	TYPICAL DETAILS - FLARED END SECTIONS
		C-206	GATEWELL CONTROL STRUCTURE DETAIL
		C-207	LIFT STATION DETAILS
		C-208	LIFT STATION DETAILS
		C-209	LIFT STATION DETAILS
		C-210	BOX CULVERT DETAILS
		C-211	BOX CULVERT DETAILS
		C-212	BOX CULVERT RIPRAP DETAILS
REMOVALS			
		C-301	LEVEE
		C-302	LEVEE
PLAN & PROFILE - UNDERGROUND			
		C-402	LEVEE
		C-403	LEVEE
		C-404	LEVEE
SITE PLANS			
		C-601	LIFT STATION SITE GRADING
		C-602	BOX CULVERT CROSSING PLAN
CROSS SECTIONS			
		C-802	CROSS SECTIONS
		C-803	CROSS SECTIONS
		C-804	CROSS SECTIONS
		C-805	CROSS SECTIONS
		C-806	CROSS SECTIONS

GENERAL  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 TABLE OF CONTENTS

DATE:	02.23.26
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
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DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

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**G-002**

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	BENCHMARK
	IRON MONUMENT FOUND
	EXISTING GAS LINE MARKER
	EXISTING GAS GATE VALVE
	EXISTING POWER POLE
	EXISTING LIGHT POLE W/SIGN
	EXISTING GUY WIRE
	EXISTING TRAFFIC SIGNAL ARM
	EXISTING SIGN
	EXISTING CULVERT W/FLARED END SECTION (F.E.S.)
	EXISTING FLARED END SECTION (F.E.S.)
	EXISTING CURB STOP
	EXISTING HYDRANT W/GATE VALVE
	EXISTING GATE VALVE
	EXISTING FITTINGS
	EXISTING PLUG
	EXISTING PROPANE TANK
	EXISTING SANITARY SEWER MANHOLE
	EXISTING SANITARY SEWER CLEANOUT
	EXISTING STORM SEWER CATCH BASIN
	EXISTING STORM SEWER MANHOLE
	EXISTING WATER MAIN
	EXISTING WATER SERVICE W/CURB STOP
	EXISTING SANITARY SEWER
	EXISTING SANITARY FORCEMAIN
	EXISTING SANITARY SEWER SERVICE
	EXISTING STORM SEWER
	EXISTING STORM SEWER FORCEMAIN
	EXISTING STEAM PIPE
	EXISTING AIR CONDITIONER
	EXISTING UTILITY PEDESTAL
	EXISTING UTILITY MANHOLE
	EXISTING UTILITY VAULT
	EXISTING UNDERGROUND COMMUNICATIONS
	EXISTING UNDERGROUND FIBER
	EXISTING UNDERGROUND TELEPHONE
	EXISTING OVERHEAD TELEPHONE
	EXISTING UNDERGROUND TELEVISION
	EXISTING OVERHEAD TELEVISION
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND ELECTRIC
	EXISTING OVERHEAD POWER
	EXISTING BARBED WIRE FENCE
	EXISTING CHAIN LINK/STEEL FENCE
	EXISTING PVC/WOOD FENCE
	EXISTING SHRUB
	EXISTING STUMP
	EXISTING BOULDER
	EXISTING TREE/TREE CLUSTER
	EXISTING SPRINKLER HEAD
	EXISTING CLUSTER BOX UNIT (CBU)
	EXISTING MAILBOX
	EXISTING CURB AND GUTTER
	CURB AND GUTTER REMOVAL & REPLACEMENT
	REMOVE EXISTING SURFACE
	EXISTING ASPHALT SURFACE
	EXISTING CONCRETE SURFACE
	EXISTING DECORATIVE COLORED CONCRETE
	EXISTING GRANULAR SURFACE
	EXISTING SIDEWALK/MULTI-USE PATH (UNKNOWN SURFACE)
	EXISTING LANDSCAPING
	EXISTING RIPRAP
	EXISTING WETLANDS
	EXISTING PERMANENT POOL
	EXISTING SOIL

### CIVIL LEGEND

	NEW LIGHT POLE
	NEW LIGHT POLE W/SIGN
	NEW GUY WIRE
	NEW SIGN
	TRAFFIC CONTROL - DRUM
	TRAFFIC CONTROL - TUBULAR MARKER
	NEW CULVERT W/FLARED END SECTION (F.E.S.)
	NEW FLARED END SECTION (F.E.S.)
	NEW CURB STOP
	NEW HYDRANT W/GATE VALVE
	NEW GATE VALVE
	NEW TAPPING SLEEVE
	NEW FITTINGS
	NEW PLUG
	NEW SANITARY SEWER MANHOLE
	NEW SANITARY SEWER CLEANOUT
	NEW STORM SEWER CATCH BASIN
	NEW STORM SEWER MANHOLE
	NEW WATER MAIN
	NEW WATER SERVICE W/CURB STOP (S.B. ELEV.)
	NEW SANITARY SEWER
	NEW SANITARY FORCEMAIN
	NEW SANITARY SEWER SERVICE (S.S. ELEV.)
	NEW STORM SEWER
	NEW STORM SEWER FORCEMAIN
	NEW STEAM PIPE
	INSULATION PER DETAIL
	NEW BARBED WIRE FENCE
	NEW CHAIN LINK/STEEL FENCE
	NEW PVC/WOOD FENCE
	NEW INFLOW CURB AND GUTTER
	NEW OUTFLOW CURB AND GUTTER
	NEW ASPHALT SURFACE
	NEW CONCRETE SURFACE
	NEW CONCRETE APPROACH/DRIVEWAY
	NEW DECORATIVE COLORED CONCRETE
	NEW CRUSHED CONCRETE SURFACE
	NEW CONCRETE SIDEWALK/MULTI-USE PATH
	NEW DETECTABLE WARNING PANEL
	NEW RIPRAP
	NEW PERMANENT POOL
	NEW LANDSCAPING
	MILLING - 2" UNIFORM
	MILLING - 2" TAPERED
	ASPHALT PATCH
	LEVELING COURSE
	OVERLAY
	CHIPSEAL AND FOG COAT
	NEW CONCRETE VALLEY GUTTER
	NEW MEDIAN NOSE APRON
	NEW ADA RAMP W/WARNING PANEL
	NEW CLUSTER BOX UNIT (CBU)
	NEW MAILBOX
	NEW LARGE DECIDUOUS TREE
	NEW SMALL DECIDUOUS TREE
	NEW SHRUB
	NEW LARGE EVERGREEN TREE
	NEW SMALL EVERGREEN TREE

	DRAINAGE BREAK LINE
	EXISTING DRAINAGE DIRECTION
	FINISHED DRAINAGE DIRECTION & SLOPE
	FINISHED GRADE
	EXISTING CONTOUR ELEVATION
	FINISHED CONTOUR ELEVATION
	GRADE ELEVATIONS
	GRASS BUFFER
	PERMANENT STABILIZATION AREA
	SEDIMENTATION CONTROL WATTLE
	SEDIMENTATION CONTROL FENCE
	ROCK CHECK
	STABILIZED CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT
	INLET PROTECTION DEVICE

**ABBREVIATIONS:**

BOC = BACK OF CURB  
 BOW = BACK OF WALK  
 C = COMMUNICATION  
 CB# = STORM SEWER CATCH BASIN  
 CL = CENTERLINE  
 CSP = CORRUGATED STEEL PIPE  
 CO# = SANITARY SEWER CLEANOUT  
 CS# = CONTROL STRUCTURE  
 DIA = DIAMETER  
 DIP = DUCTILE IRON PIPE  
 E = ELECTRICAL  
 ECC = EDGE OF CRUSHED CONCRETE  
 EG = EXISTING GRADE  
 EOC = EDGE OF CONCRETE  
 EOG = EDGE OF GRAVEL  
 EOP = EDGE OF PAVEMENT  
 EOW = EDGE OF WALK  
 EX = EXISTING  
 F = FIBER OPTIC  
 FES = FLARED END SECTION  
 FG = FINISHED GRADE  
 FL = FLOWLINE  
 FM = FORCEMAIN  
 G = GAS LINE  
 HP = HIGH POINT  
 INV = INVERT  
 LP = LOW POINT  
 MATCH = MATCH  
 M# = STORM SEWER MANHOLE  
 MT# = STORM SEWER TEE MANHOLE  
 MM# = STORM SEWER MULTI-MANHOLE  
 MC = MIDPOINT OF CURVE  
 OHP = OVERHEAD POWER  
 OHT = OVERHEAD TELEPHONE  
 OHTV = OVERHEAD TELEVISION  
 PC = POINT OF CURVATURE  
 PRC = POINT OF REVERSE CURVE  
 PVC = POLYVINYL CHLORIDE PIPE  
 PT = POINT OF TANGENCY  
 RIM = RIM OF STRUCTURE  
 S# = SANITARY SEWER MANHOLE  
 S.B. ELEV. = STOP BOX ELEVATION  
 S.S. ELEV. = SANITARY SEWER SERVICE INVERT  
 S.S. = SANITARY SEWER  
 S.T. = STORM SEWER  
 STA = ALIGNMENT STATION  
 T = TELEPHONE  
 TOC = TOP OF CONCRETE  
 TOP = TOP OF PAVEMENT  
 TOP = TOP OF PIPE  
 TOW = TOP OF WALK  
 TR# = SANITARY TELEVISION RISER  
 TRANS = TRANSFORMER  
 TV = TELEVISION  
 U = UTILITY (UNKNOWN UTILITY)



CIVIL  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CIVIL LEGEND

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**CLEARING AND GRUBBING/DEMOLITION:**

1. THE CONTRACTOR SHALL EXERCISE CARE IN THEIR CONSTRUCTION OPERATIONS TO ENSURE THAT TREES, SHRUBS, FENCES, BUILDINGS AND GRASSES WITHIN THE RIGHT-OF-WAY AND CONSTRUCTION LIMITS NOT DESIGNATED FOR REMOVAL ARE NOT DISTURBED. ANY CHANGE TO THESE ITEMS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
2. REFER TO SPECIFICATION 311000 FOR ADDITIONAL NOTES.
3. TREES AND BRANCHES MAY BE GROUND UP ON-SITE AND USED AS TEMPORARY OR PERMANENT MULCH.

**UTILITIES:**

1. NOT ALL UTILITIES MAY BE SHOWN. PRIOR TO DIGGING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CALL FOR UTILITY LOCATES AND TO IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND COORDINATE THEIR ACTIVITIES AND SCHEDULE ALL UTILITY RELOCATIONS. UTILITY LOCATES CAN BE REQUESTED FROM "NORTH DAKOTA ONE CALL".
2. CONTRACTOR MAY NEED TO WORK IN CONJUNCTION WITH UTILITY COMPANIES DURING CONSTRUCTION. CONTRACTOR MUST NOTIFY ENGINEER PRIOR TO DOING WORK WITH ANY AND ALL UTILITY COMPANIES. THERE SHALL BE NO CHANGE ORDERS FOR SCHEDULING CONFLICTS WITH UTILITY COMPANIES.
3. THE CONTRACTOR SHALL LOCATE ALL BURIED UTILITIES ON THE SITE PRIOR TO DIGGING AND SHALL PROTECT THEM DURING CONSTRUCTION.

**SANITARY SEWER:**

1. NEW SANITARY SEWER PIPE SHALL BE CLASS 160 PVC
2. THE GATE VALVES FURNISHED SHALL BE OF A QUALITY EQUAL TO THAT MANUFACTURED BY MUELLER COMPANY UNDER THE MINIMUM REQUIREMENTS IN DESIGN, MATERIAL AND WORKMANSHIP CONFORMING TO THE LATEST STANDARDS OF AWWA C500, 200 PSI PRESSURE CLASS. THE METALS USED SHALL BE IN ACCORDANCE WITH AWWA AND THE ASTM STANDARDS. ALL GATE VALVES SHALL HAVE NON-RISING STEMS, O-RING STEM SEALS, 2-INCH OPERATING NUTS AND OPEN COUNTERCLOCKWISE. THEY SHALL BE THE TYPE THAT PERMITS REPACKING UNDER PRESSURE WHEN WIDE OPEN. ALL EXPOSED NUTS, BOLTS, SPRINGS AND WASHERS SHALL BE STAINLESS STEEL. GATE VALVES SHOULD BE THE TYPE OF JOINT DESIGNED FOR TYPE OF PIPE INSTALLED. ONE VALVE OPERATION WRENCH OF SUFFICIENT LENGTH FOR GATE VALVES INSTALLED SHALL BE FURNISHED FOR THE PROJECT AND INCIDENTAL TO THE BID PRICE FOR GATE VALVES.
3. CITY ENGINEER (INTERSTATE ENGINEERING) SHALL BE CONTACTED 30 DAYS PRIOR TO INSTALLING SANITARY GATE VALVES AND PIPE, TO COORDINATE INSPECTIONS AND ALLOWABLE TIMES TO PLACE THE FORCEMAIN OFF LINE.
4. SANITARY SEWER FORCEMAIN SHALL BE PLACED BACK IN SERVICE THE SAME DAY AS EXISTING PIPE IS REMOVED. CONTRACTOR TO REMOVE SEWAGE FROM LIFT STATION AND HAUL TO THE CITY'S

SEWAGE LAGOONS IF NECESSARY, WHILE FORCEMAIN IS OFF LINE. CITY SANITARY SYSTEM MUST BE AVAILABLE TO CITY RESIDENTS AT ALL TIMES.

**CONSTRUCTION LIMITS:**

1. THE CONTRACTOR SHALL LIMIT WORK TO WITHIN THE CONSTRUCTION EASEMENTS AND RIGHT-OF-WAY SHOWN ON THE PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE EXPENSE FOR WORK DONE OUTSIDE OF PROJECT RIGHT-OF-WAY.
2. CONTRACTOR VEHICLES, EQUIPMENT, AND MATERIALS SHALL BE STORED WITHIN THE CONSTRUCTION LIMITS OR AS APPROVED BY THE ENGINEER.

**SIGNS AND DELINEATORS:**

1. ALL EXISTING SIGNS, DELINEATORS, MAILBOXES, AND BRIDGE END MARKERS WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, SALVAGED, AND RESET. ANY ITEMS REMOVED SHALL BE NEATLY STOCKPILED ON THE PROJECT RIGHT-OF-WAY AND ARE TO REMAIN THE PROPERTY OF THE OWNER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
2. ANY DAMAGED SIGNS SHALL BE REPLACED AT CONTRACTORS EXPENSE.
3. THE CONTRACTOR SHALL INSPECT ALL SIGNS, DELINEATORS, AND MAILBOXES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES IDENTIFIED AFTER CONSTRUCTION BEGINS.

**HAUL ROADS:**

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE THE SUITABILITY OF ROUTES WITH THE AGENCY HAVING CONTROL OF THE ROADS AND ACQUIRE THEIR APPROVAL PRIOR TO SUBMITTING A BID AND DOING THE WORK.
2. ANY DAMAGE TO ROADS AS A RESULT OF HAULING SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND AT NO COST TO THE OWNER.
3. TEMPORARY HAUL ROADS AND RAMPS REQUIRED SHALL BE INCIDENTAL TO THE PROJECT.

**PROJECT MAINTENANCE:**

1. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING PRIOR TO COMMENCING WORK ON THIS SITE.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY FOR WEED CONTROL, EROSION CONTROL AND REPAIR, SILT REMOVAL AND SPOILING, RE-GRADING BOTTOM AND RE-GRADING SIDE SLOPES UNTIL SEED IS ESTABLISHED. IT SHOULD BE THE INTENT TO ESTABLISH SEED GROWTH AS SOON AS AREAS ARE COMPLETED.
2. CONTRACTOR IS RESPONSIBLE FOR WEED CONTROL WITHIN THE CONSTRUCTION LIMITS THROUGHOUT DURATION OF PROJECT AND IT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT. THIS MAY REQUIRE TILLING OR SPRAYING THE PROJECT SITE.

**DISPOSAL NOTES:**

1. ANY REMOVED ITEMS NOT SALVAGED AS SHOWN ON THE PLANS BECOME THE PROPERTY OF THE CONTRACTOR AND ARE THE CONTRACTOR'S RESPONSIBILITY ONCE OFF THE SITE.
2. NO MATERIAL MAY BE BURIED OR BURNED ON SITE.
3. ROCK MATERIAL PICKED FROM PROJECT SITE SHALL BE UTILIZED AT CULVERT CROSSINGS OR DISPOSED OF OFF SITE.

**SURVEY NOTES:**

1. CONTRACTOR REQUESTED SURVEYS CONDUCTED AFTER CONSTRUCTION IS COMPLETE FOR THE PURPOSE OF VERIFYING EXCAVATION AND EMBANKMENT QUANTITIES SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. IF CONTRACTOR UTILIZES GPS EQUIPMENT FOR SHAPING PURPOSES, CONTRACTOR MAY REQUEST DIGITAL FILES FROM THE ENGINEER IN ACCORDANCE WITH SPECIFICATION 013300.
3. ENGINEER REQUIRES A 48 HOUR NOTICE FOR ANY CONTRACTOR REQUESTED SURVEY. CONTRACTOR SHALL COORDINATE WITH RPR FOR SCHEDULING.

**TRAFFIC CONTROL:**

1. THE CONTRACTOR SHALL PROVIDE, IMPLEMENT, INSTALL, MAINTAIN, AND REMOVE ALL NECESSARY TRAFFIC CONTROL DEVICES AS REQUIRED BY THE CONTRACTOR'S CONSTRUCTION MEANS AND METHODS.
2. THE CONTRACTOR SHALL PROVIDE, MAINTAIN, AND REMOVE TEMPORARY APPROACHES, CROSSINGS, AND INTERSECTIONS AS NECESSARY DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL PROVIDE A METHOD OF PROTECTING TRAFFIC AND PEDESTRIANS FROM CONSTRUCTION AREAS AND SHALL ALLOW ACCESS TO ALL AREAS BY FIRE, POLICE, AND OTHER EMERGENCY PERSONNEL.
4. CONTRACTOR TO COORDINATE WITH ROAD AUTHORITIES AND PROVIDE ROAD CLOSURE AND DETOUR SIGNAGE PER ROAD AUTHORITY REQUIREMENTS.
5. COUNTY ROAD 16 SHALL NOT BE CLOSED ON BOTH THE WEST AND EAST SIDES OF THE CITY OF DAVENPORT CONCURRENTLY.
6. WHEN COUNTY ROAD 16 IS CLOSED ON THE WEST SIDE OF DAVENPORT, THE 30-INCH RCP, SLEEPER SLAB, AND CONCRETE BOX CULVERTS SHALL BE INSTALLED CONCURRENTLY.
7. WHEN COUNTY ROAD 16 IS CLOSED ON THE EAST SIDE OF DAVENPORT, THE SLEEPER SLAB AND 42-INCH RCP SHALL BE INSTALLED CONCURRENTLY.
8. COUNTY ROAD 27 (1ST AVE) SHALL NOT BE CLOSED AT THE SAME TIME AS ANY COUNTY ROAD 16 CLOSURE. COUNTY ROAD 27 AND COUNTY ROAD 16 CLOSURES SHALL BE DONE SEPARATELY.
9. DETOUR ON GRAVEL ROADS TO INCLUDE CALCIUM OR MAGNESIUM CHLORIDE 100 FEET IN LENGTH ALONG HOMESTEADS AT LOCATIONS SHOWN ON THE PLANS.



CIVIL  
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 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
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10. BEFORE TRAFFIC IS DETOURED, PLACE A 38% CONCENTRATION OF CALCIUM OR MAGNESIUM CHLORIDE TREATMENT TO CONTROL DUST. BEFORE THE TREATMENT IS PLACED, THE ROADWAY MUST BE WATERED. PLACE THE TREATMENT AT A RATE OF 0.30 GAL/SY. ALL COSTS ASSOCIATED TO COMPLETE THIS ITEM SHALL BE INCLUDED IN THE PRICE BID FOR "TRAFFIC CONTROL".

**PERMANENT CONSTRUCTION EASEMENT:**

1. PERMANENT CONSTRUCTION EASEMENT AREA SHALL BE COMPLETELY FREE OF DEBRIS, GARBAGE, ROCKS, TREES, WOOD, PLASTIC, METAL, AND ALL OTHER WASTE PRIOR TO THE COMPLETION OF THE PROJECT.
2. CONTRACTOR SHALL DISC PERMANENT CONSTRUCTION EASEMENT AREA UPON COMPLETION OF THE WORK TO RESTORE AREA TO PRE-PROJECT CONDITIONS (EG. NO HARD COMPACTED AREAS).

**RAILROAD REQUIREMENTS:**

1. AT LOCATIONS WHERE TRACKS WILL BE REMOVED FOR THE WORK, WORK WITHIN THE RAILROAD RIGHT OF WAY WILL ONLY BE ALLOWED DURING THE MONTHS OF MARCH THROUGH SEPTEMBER AND ONLY ON SATURDAYS AND SUNDAYS.
2. CONTRACTOR SHALL MEET RED RIVER VALLEY AND WESTERN RAILROAD (RRVWR) INSURANCE REQUIREMENTS PRIOR TO WORKING ON RRVWR PROPERTY.
3. CONTRACTOR MUST NOTIFY RRVWR AT LEAST 30 CALENDAR DAYS PRIOR TO REQUESTING A RRVWR FLAGMAN.
4. CONTRACTOR MUST NOTIFY BNSF'S MANAGER OF PUBLIC PROJECTS 30 DAYS PRIOR TO COMMENCING WORK ON RAILROAD PROPERTY.
5. THE CONTRACTOR IS PLACED ON NOTICE THAT FIBER OPTIC, COMMUNICATION AND OTHER CABLE LINES AND SYSTEMS (COLLECTIVELY, THE "LINES") OWNED BY VARIOUS TELECOMMUNICATION COMPANIES MAY BE BURIED ON THE RAILROAD PROPERTY. THE LOCATIONS OF THESE LINES HAVE BEEN INCLUDE ON THE PLANS BASED ON INFORMATION FROM THE TELECOMMUNICATIONS COMPANIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONTACTING RAILROAD AND THE TELECOMMUNICATIONS COMPANIES AND NOTIFYING THEM OF ANY WORK THAT MAY DMAGE THESE LINES OR FACILITIES AND/OR INTERFERE WITH THEIR SERVICE. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR MARKING ALL LINES SHOWN ON THE PLANS OR MARKED IN THE FIELD IN ORDER TO VERIFY THEIR LOCATIONS. THE CONTRACTOR MUST ALSO USE ALL REASONABLE METHODS WHEN WORKING IN THE RAILROAD PROPERTY TO DTERMINE IF ANY OTHER LINES (FIBER OPTIC, CABLE, COMMUNICATION OR OTHERWISE) MAY EXIST.
6. FAILURE TO MARK OR IDENTIFY THESE LINES WILL BE SUFFICIENT CAUSE FOR BNSF'S ENGINEERING REPRESENTATIVE DAN PELTIER ([Daniel.peltier@bnsf.com](mailto:Daniel.peltier@bnsf.com)) OR RRVWR'S DESIGNEE TO STOP CONSTRUCTION AT NO COST TO THE RAILROAD UNTIL THESE ITEMS ARE COMPLETED.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE REARRANGEMENT OF ANY FACILITIES OR LINES DETERMINED TO INTERFERE WITH THE CONSTRUCTION. THE CONTRACTOR MUST COOPERATE FULLY WITH ANY TELECOMMUNICATIONS COMPANIES IN PERFORMING SUCH REARRANGEMENTS.

8. A SAFETY ORIENTATION COURSE SHALL BE COMPLETED BY ALL WORKERS PRIOR TO ENTERING RRVWR PROPERTY.
9. ALL CLOSURES AND WORK IN RAILROAD PROPERTY TO BE CLOSELY COORDINATED WITH RRVWR.
10. CONTRACTOR WILL ASSIST WITH EQUIPMENT AND WITH LABOR TO RRVWR CREWS PREPPING AND CUTTING TRACKS AND WILL HELP IN REMOVING AND INSTALLING TRACKS. IF ADDITIONAL BALLAST IS NEEDED DURING INSTALLATION, BALLAST WILL BE SUPPLIED BY RRVWR. ADDITIONAL BALLAST WILL BE PAID BY THE WATER RESOURCE DISTRICT.
11. WORK MUST BE DONE CONCURRENTLY AT THE LEVEE-RAILROAD CROSSING NUMBER 6 AT STATION 73+00, THE ADJACENT 24" CSP, THE TEN 24" CSP'S AND LEVEE-RAILROAD CROSSING 4 AT STA 45+50. TWO 15-HOUR TRACK CLOSURES WILL BE ALLOWED FOR THE TEN 24" CSP'S.
12. WORK MUST BE DONE CONCURRENTLY AT THE LOCATION OF LEVEE-RAILROAD CROSSING 1 AT STA 14+00, LEVEE-RAILROAD CROSSING 2 AT STA 40+00, AND LEVEE-RAILROAD CROSSING 3 AT STA 44+00.
13. WORK MUST BE DONE CONCURRENTLY AT THE LOCATION OF LEVEE-RAILROAD CROSSING 5 AT STA 56+00 AND THE THREE 66" CSP'S. TWO 15-HOUR CLOSURES WILL BE ALLOWED FOR THE THREE 66" CSP'S.
14. ANY DISTURBANCE ON RAILROAD PROPERTY TO BE REPAIRED TO ORIGINAL AT NO COST TO OWNER.
15. ALL COSTS FOR WORK WITHIN THE RAILROAD RIGHT OF WAY, SUCH AS TRAINING, INSURANCE, AND COORDINATING WITH THE RAILROAD, SHALL BE INCIDENTAL TO OTHER PAY ITEMS. SPECIFIC PAY ITEMS THAT ARE WITHIN THE RAILROAD RIGHT OF WAY, SUCH AS CULVERTS, SEEDING, ETC., SHALL BE PAID SEPARATELY UNDER THEIR RESPECTIVE PAY ITEMS AT UNIT PRICE BID.
16. CONTRACTOR SHALL BE REIMBURSED FOR RAILROAD FLAGGERS FROM THE "RAILROAD FLAGGER" ALLOWANCE PAY ITEM. CONTRACTOR TO PAY THE RAILROAD'S INVOICES AND SUBMIT A COPY OF THE INVOICE TO THE ENGINEER FOR REIMBURSEMENT. PAYMENT TO THE CONTRACTOR SHALL BE FOR THE INVOICE AMOUNT WITH NO MARKUP.



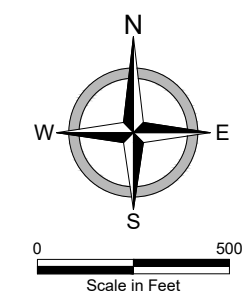
CIVIL  
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PROJECT LAYOUTS  
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 DAVENPORT, NORTH DAKOTA  
 GENERAL LAYOUT

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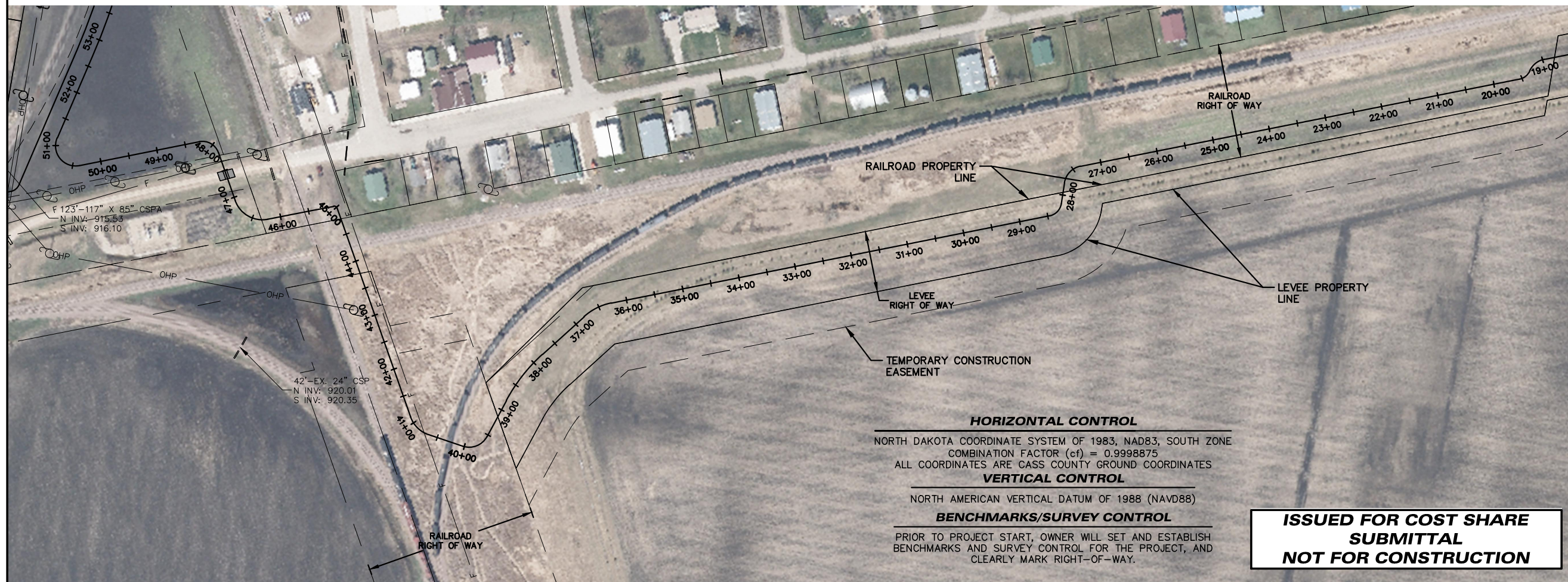
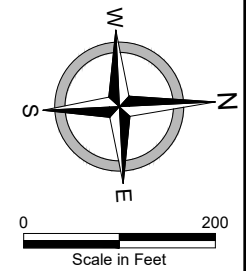
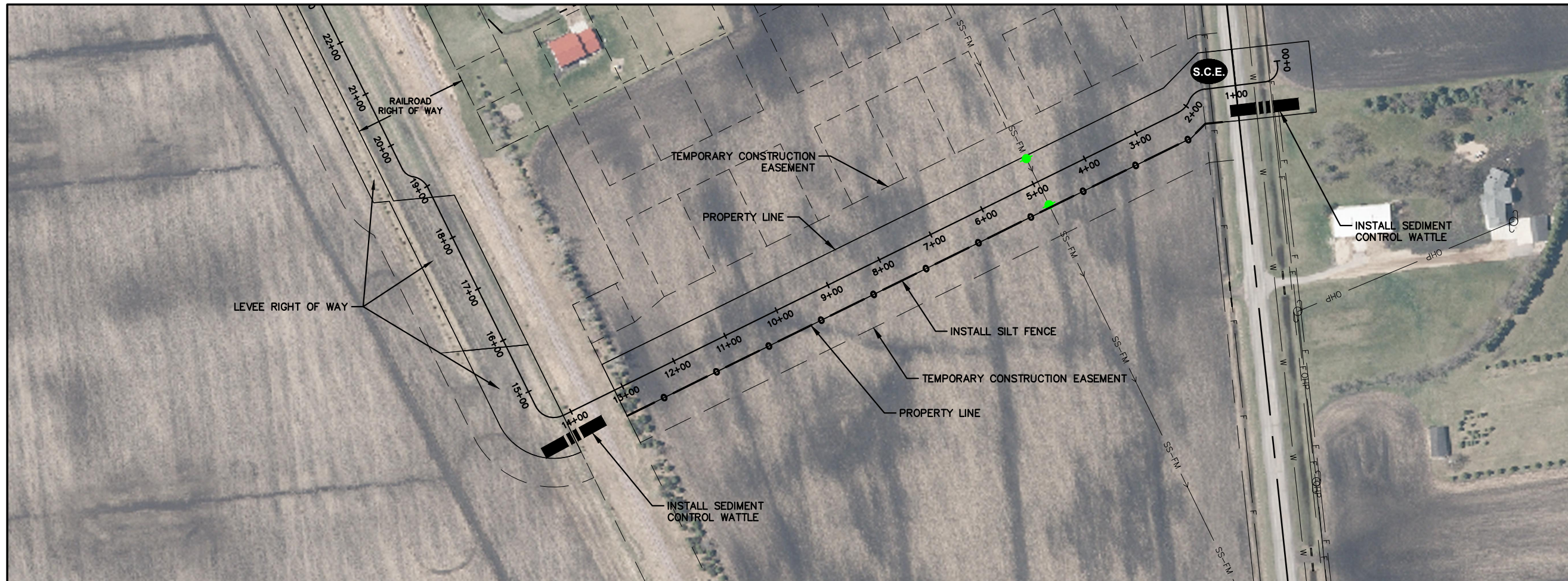
**HORIZONTAL CONTROL**  
 NORTH DAKOTA COORDINATE SYSTEM OF 1983, NAD83, SOUTH ZONE  
 COMBINATION FACTOR (cf) = 0.9998875  
 ALL COORDINATES ARE CASS COUNTY GROUND COORDINATES

**VERTICAL CONTROL**  
 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

**BENCHMARKS/SURVEY CONTROL**  
 PRIOR TO PROJECT START, OWNER WILL SET AND ESTABLISH  
 BENCHMARKS AND SURVEY CONTROL FOR THE PROJECT, AND  
 CLEARLY MARK RIGHT-OF-WAY.

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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

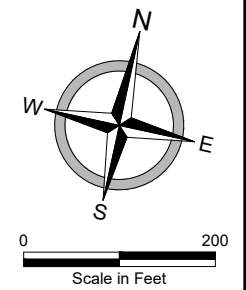
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PROJECT LAYOUTS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
**EROSION CONTROL PLAN**

DATE:	02.23.26
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PROJECT No.	19611
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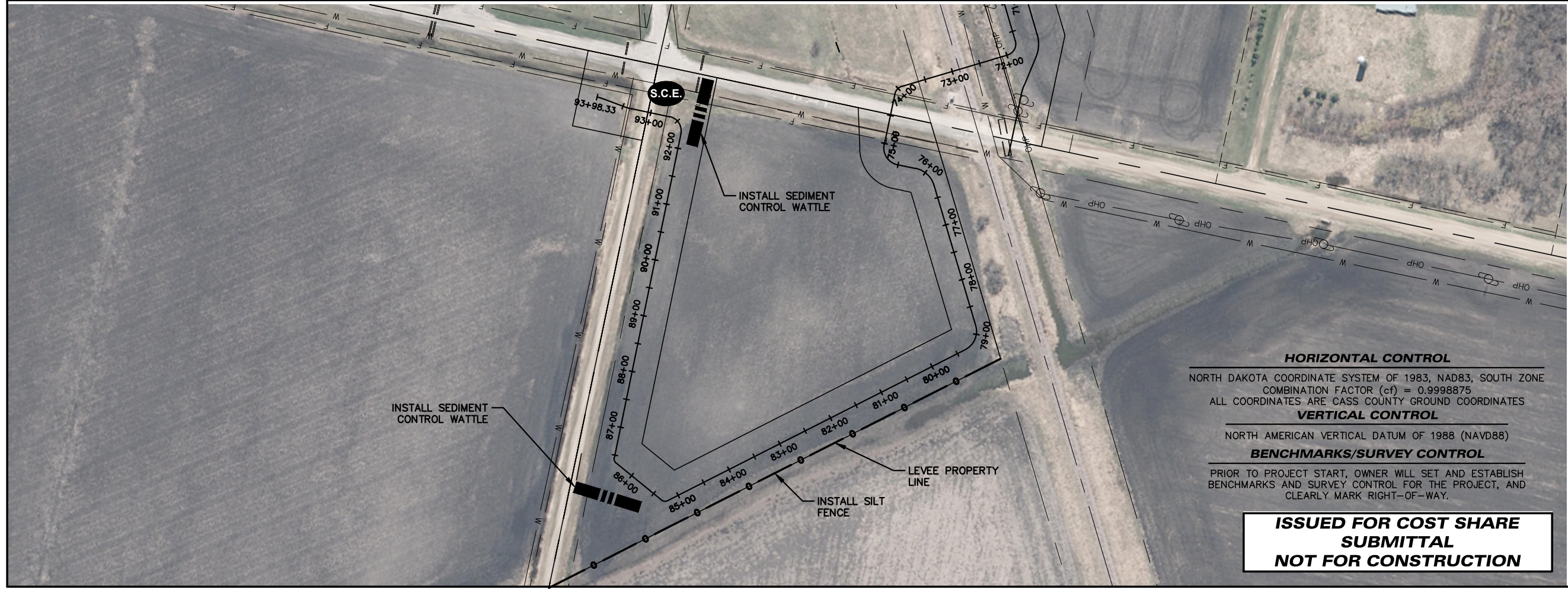
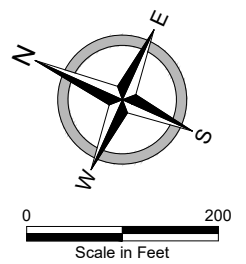
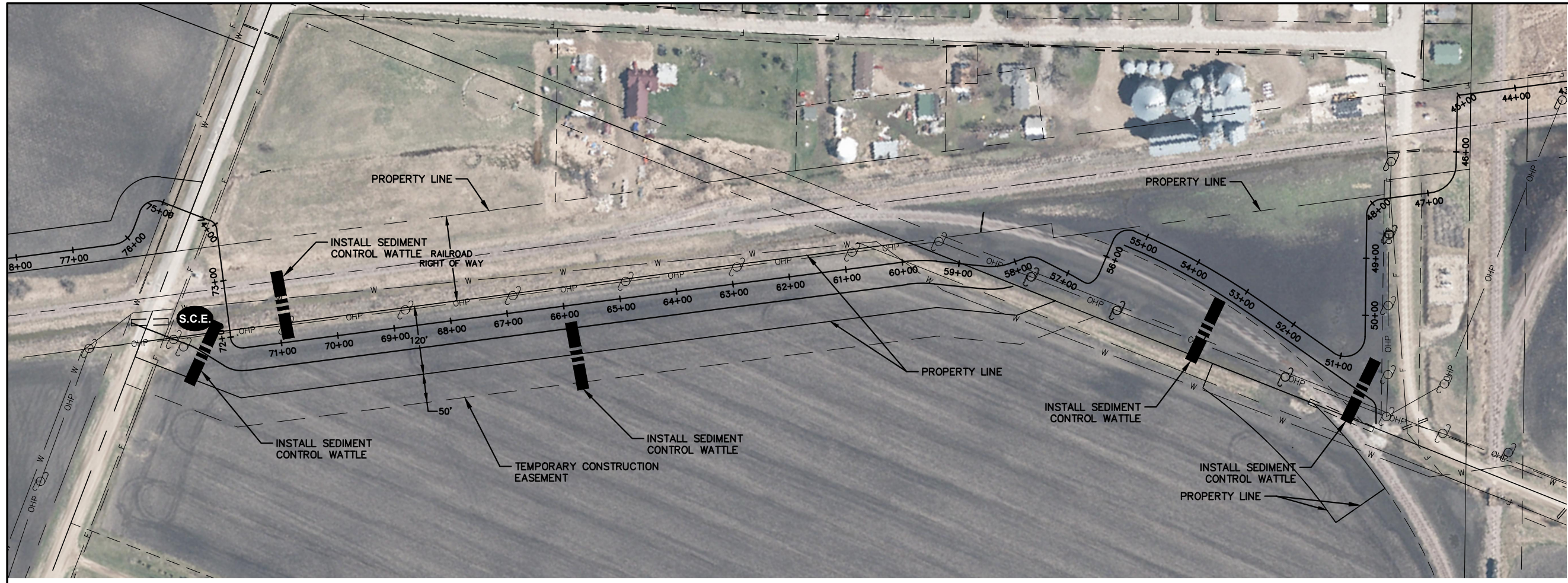
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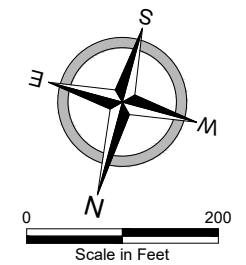


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PROJECT LAYOUTS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
**EROSION CONTROL PLAN**

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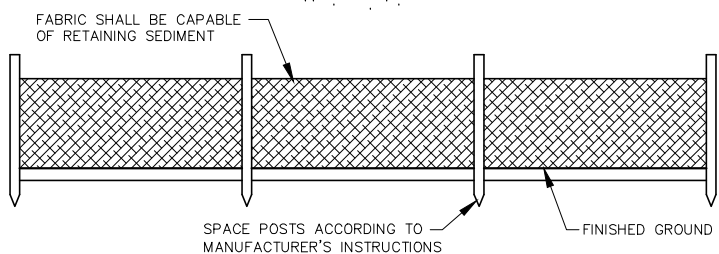
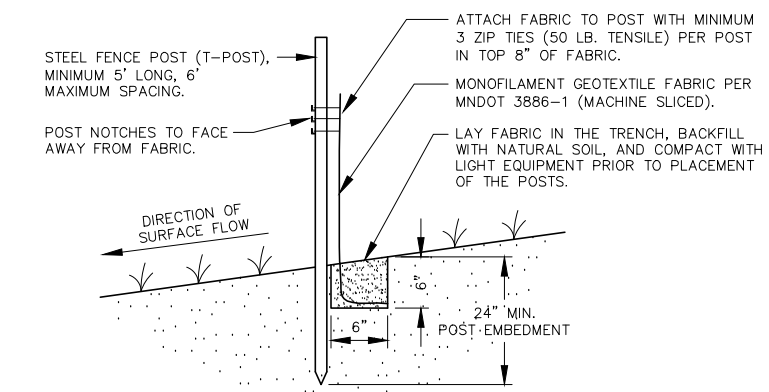


DETAILS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 EROSION CONTROL DETAILS

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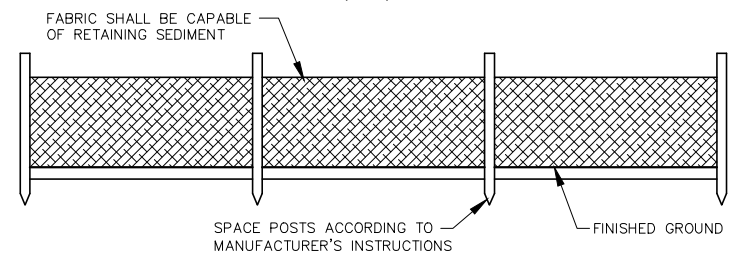
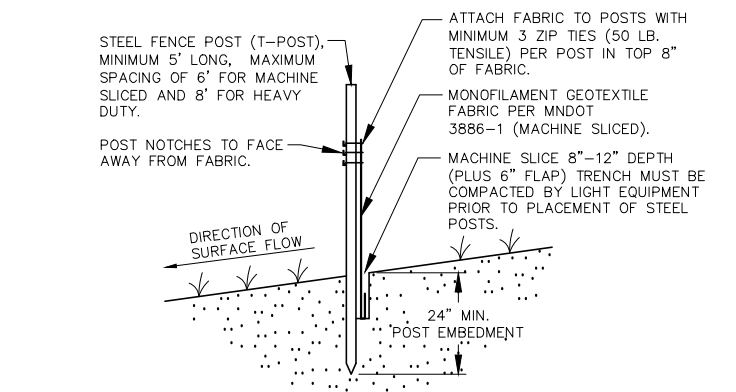
**ISSUED FOR COST SHARE  
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C-201



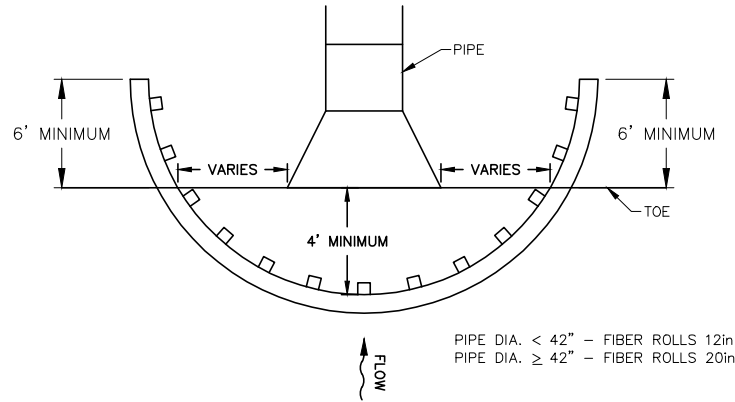
**STANDARD SILT FENCE DETAIL**  
NO SCALE

- NOTES:**
- INSPECT AND REPAIR AFTER EACH STORM EVENT, AND REMOVE SEDIMENT WHEN NECESSARY.
  - REMOVED SEDIMENTS SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

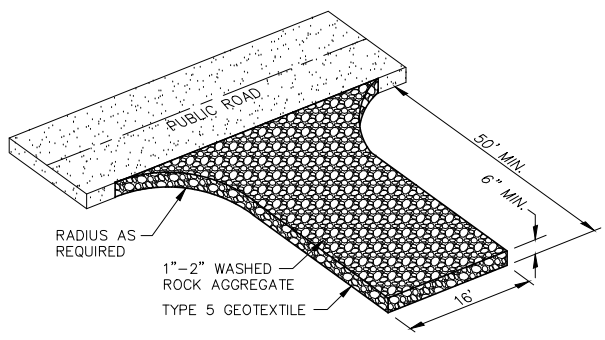


**MACHINED SILT FENCE DETAIL**  
NO SCALE

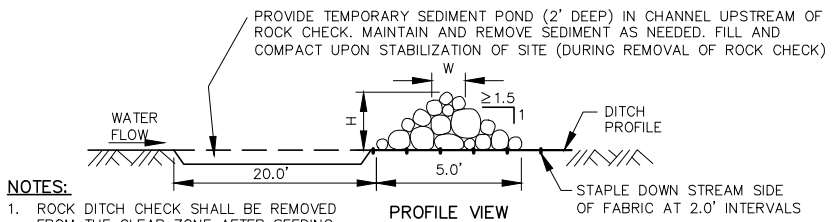
- NOTES:**
- INSPECT AND REPAIR AFTER EACH STORM EVENT, AND REMOVE SEDIMENT WHEN NECESSARY.
  - REMOVED SEDIMENTS SHALL BE DEPOSITED IN AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.



**FIBER ROLL PROTECTION INLET OF PIPE END**  
NO SCALE

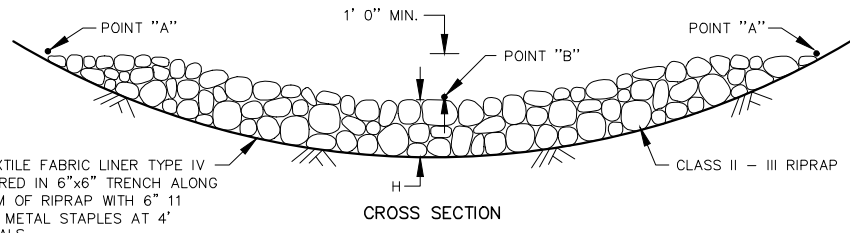


**STABILIZED CONSTRUCTION ENTRANCE**  
NO SCALE

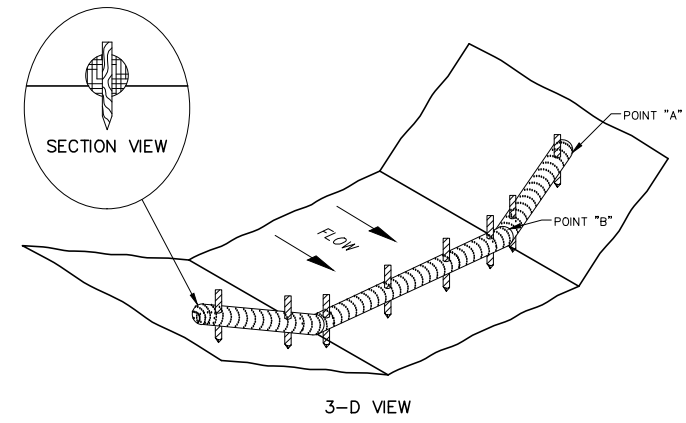


- NOTES:**
- ROCK DITCH CHECK SHALL BE REMOVED FROM THE CLEAR ZONE AFTER SEEDING OR TURF IS ESTABLISHED AND PRIOR TO FINAL ACCEPTANCE.
  - POINT "A" MUST BE 1'-0" MIN. HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE CHECK AND NOT AROUND THE ENDS.

HEIGHT OF CHECK (H)	CLASS RIPRAP	TOP WIDTH (W)
2'-0"	II	12"-18"
3'-0"	III	24"-30"



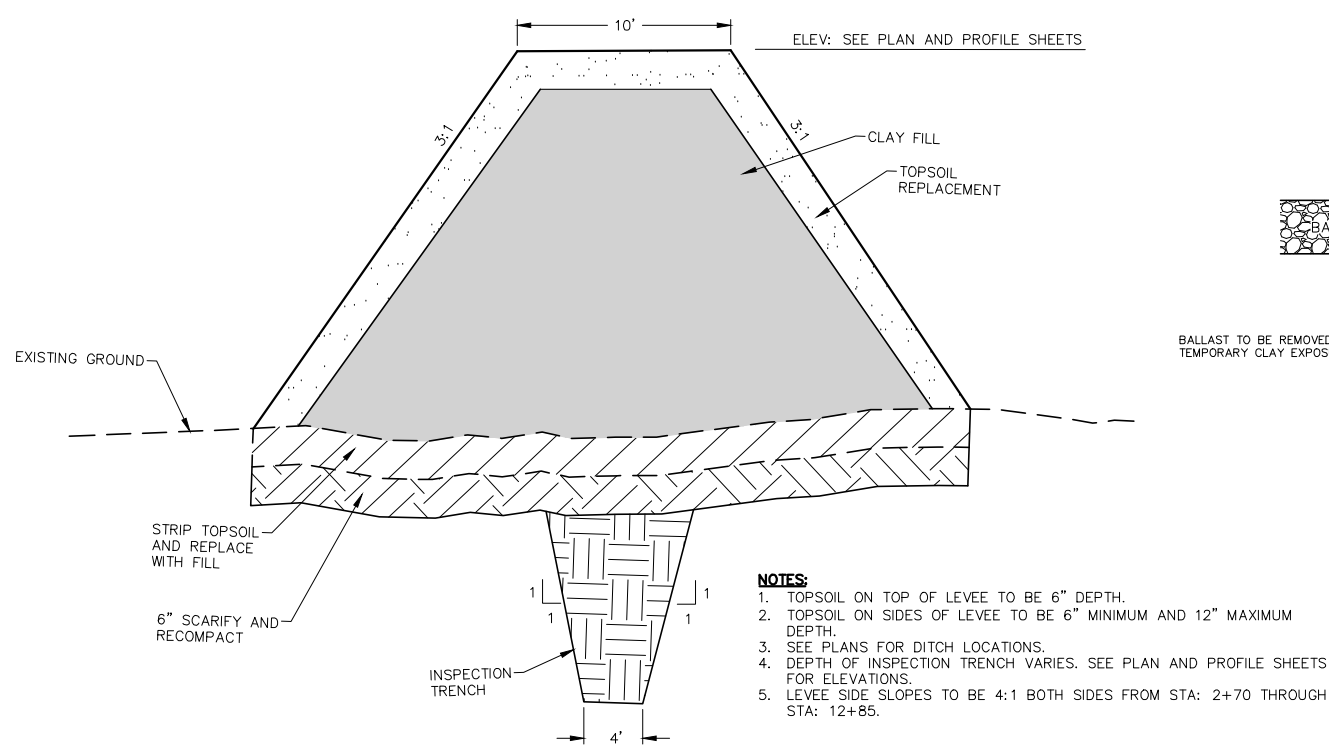
**TEMPORARY ROCK CHECK DETAIL**  
NO SCALE



- NOTES:**
- 9" DIAM. WATTLE WITH MINIMUM 1"x2"x24" WOOD STAKES @ 2' O.C. SPACING ALONG WATTLE LENGTH.
  - POINT "A" MUST BE A MINIMUM OF 12" HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE WATTLE AND NOT AROUND THE WATTLE.
  - ENDS OF WATTLES MUST BE OVERLAPED 6".
  - WATTLE SHALL BE INSTALLED MINIMUM 1" BELOW GRADE.

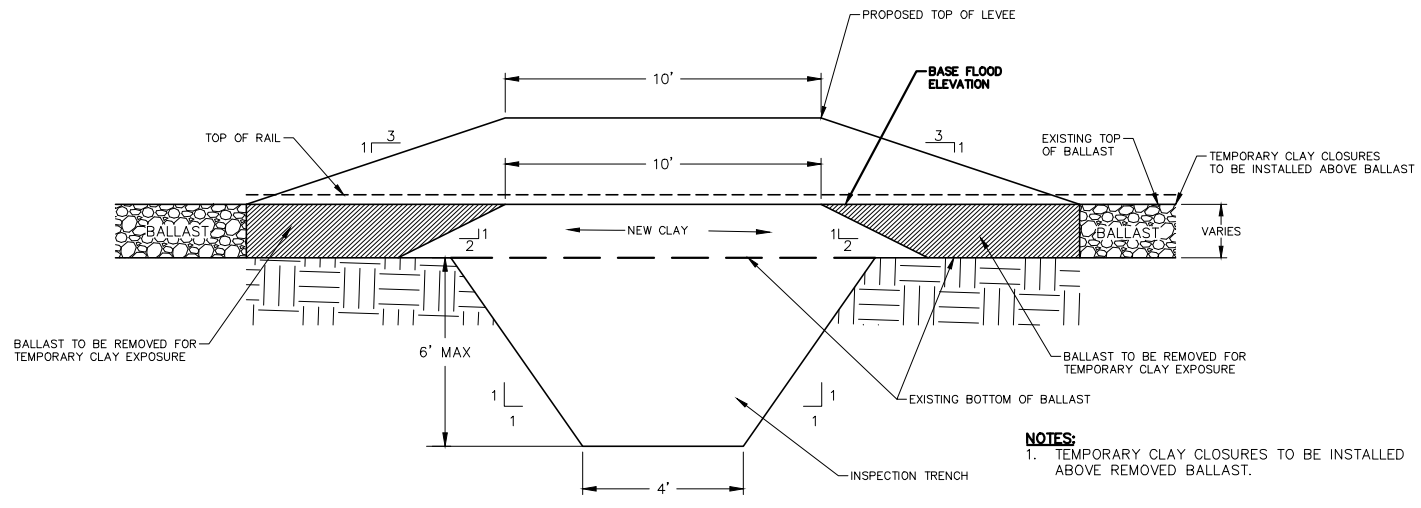
**SEDIMENT CONTROL WATTLE - CONFINED FLOW**  
NO SCALE

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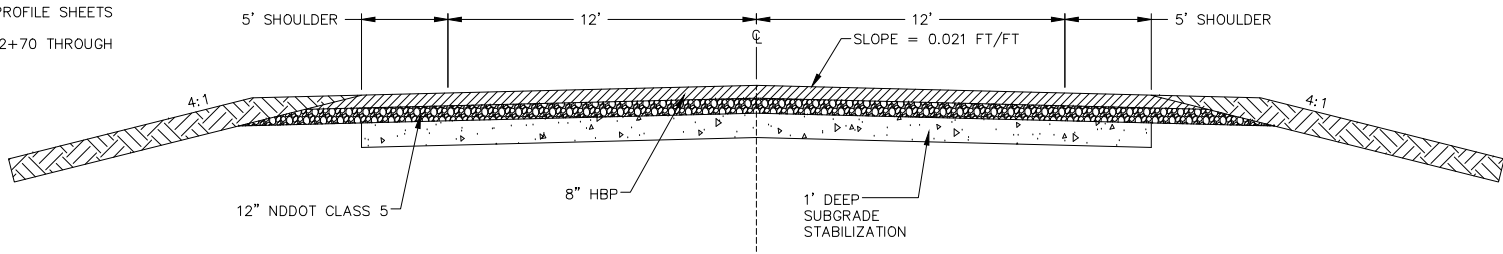
**TYPICAL LEVEL SECTION**  
NO SCALE

- NOTES:**
1. TOPSOIL ON TOP OF LEVEE TO BE 6" DEPTH.
  2. TOPSOIL ON SIDES OF LEVEE TO BE 6" MINIMUM AND 12" MAXIMUM DEPTH.
  3. SEE PLANS FOR DITCH LOCATIONS.
  4. DEPTH OF INSPECTION TRENCH VARIES. SEE PLAN AND PROFILE SHEETS FOR ELEVATIONS.
  5. LEVEE SIDE SLOPES TO BE 4:1 BOTH SIDES FROM STA: 2+70 THROUGH STA: 12+85.



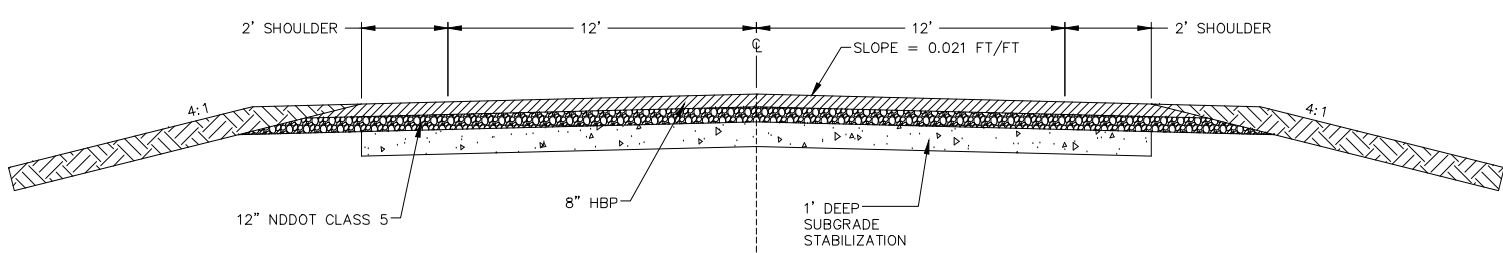
**TYPICAL LEVEL - RAILROAD CROSSING DETAIL**  
NO SCALE

- NOTES:**
1. TEMPORARY CLAY CLOSURES TO BE INSTALLED ABOVE REMOVED BALLAST.



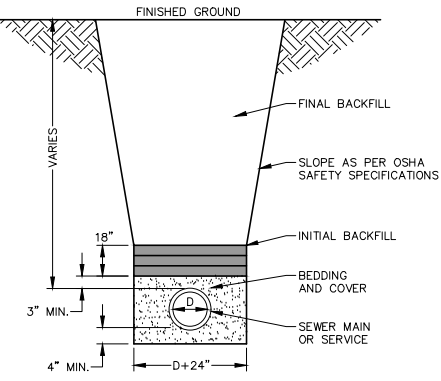
**COUNTY RD 16 BITUMINOUS PAVEMENT TYPICAL SECTION - EXISTING**  
NO SCALE

- NOTES:**
1. 3" MAXIMUM BITUMINOUS LIFT THICKNESS.
  2. 1.5" MINIMUM BITUMINOUS LIFT THICKNESS.



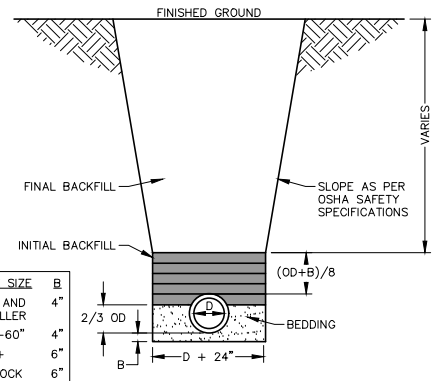
**1ST AVENUE BITUMINOUS PAVEMENT TYPICAL SECTION - EXISTING**  
NO SCALE

- NOTES:**
1. 3" MAXIMUM BITUMINOUS LIFT THICKNESS.
  2. 1.5" MINIMUM BITUMINOUS LIFT THICKNESS.



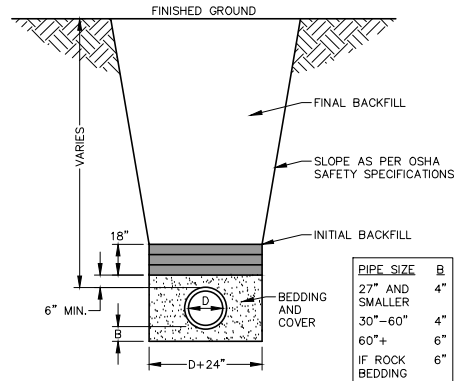
**SANITARY SEWER MAIN OR SERVICE TRENCH**  
NO SCALE

- ① BEDDING TO BE CDF THROUGH LEVEE FOOTPRINT, FROM TOE TO TOE OF LEVEE.



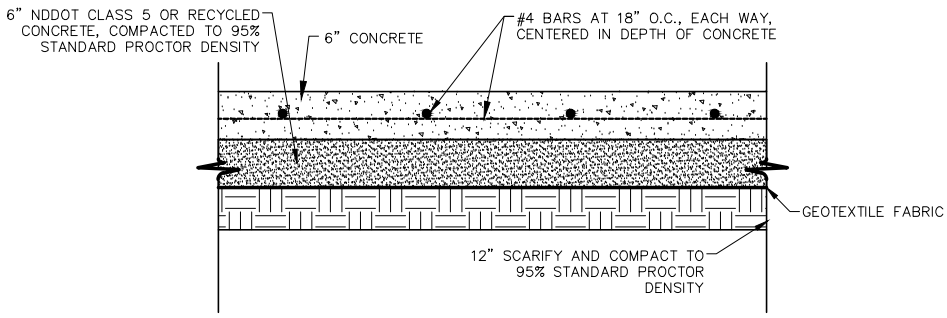
**RCP STORM SEWER TRENCH**  
NO SCALE

- ① BEDDING TO BE CDF THROUGH LEVEE FOOTPRINT, FROM TOE TO TOE OF LEVEE.



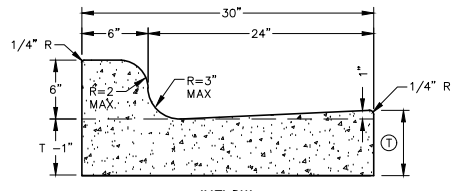
**FLEXIBLE PIPE STORM SEWER TRENCH**  
NO SCALE

- NOTE:**  
1. CS PIPE IS CONSIDERED A FLEXIBLE PIPE.



**6" REINFORCED CONCRETE**  
NO SCALE

- NOTE:**
1. THIS DETAIL IS FOR LIFT STATION DRIVEWAY LOCATION.
  2. RECYCLED CONCRETE, IF USED, TO MEET NDDOT SPECIFICATION SECTION 817.



**CURB & GUTTER - HIGH BACK**  
NO SCALE

- ① 7" MIN. OR THICKNESS OF INTEGRAL CONCRETE PAVEMENT

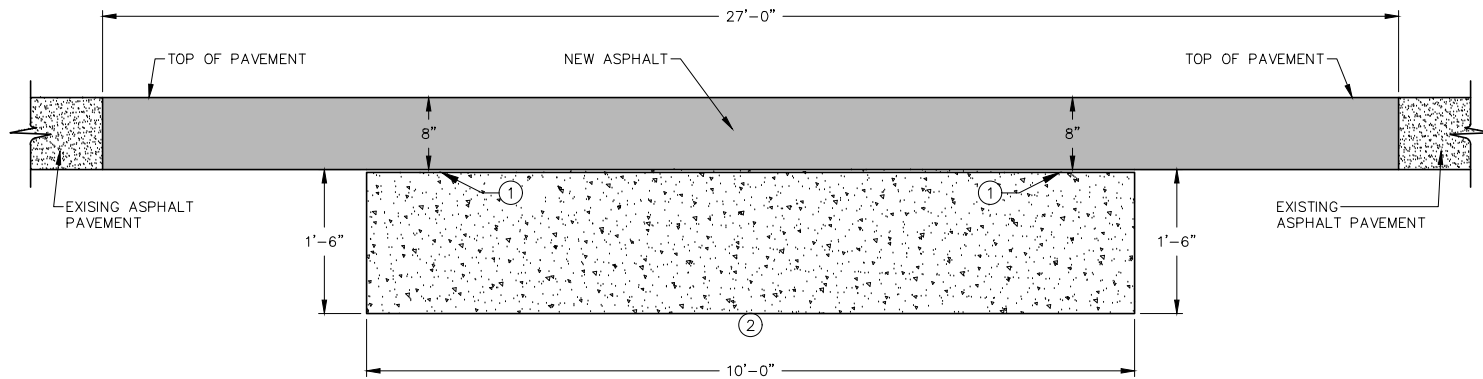


DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
TYPICAL DETAILS - LEVEE AND PAVEMENT

DATE:	02.23.26
REVISED:	---
REVISED:	---
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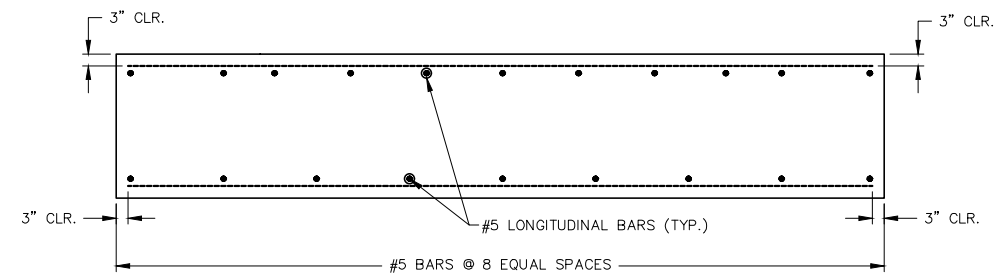
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**A-A SLEEPER SLAB DETAIL W/ DIMENSIONS**

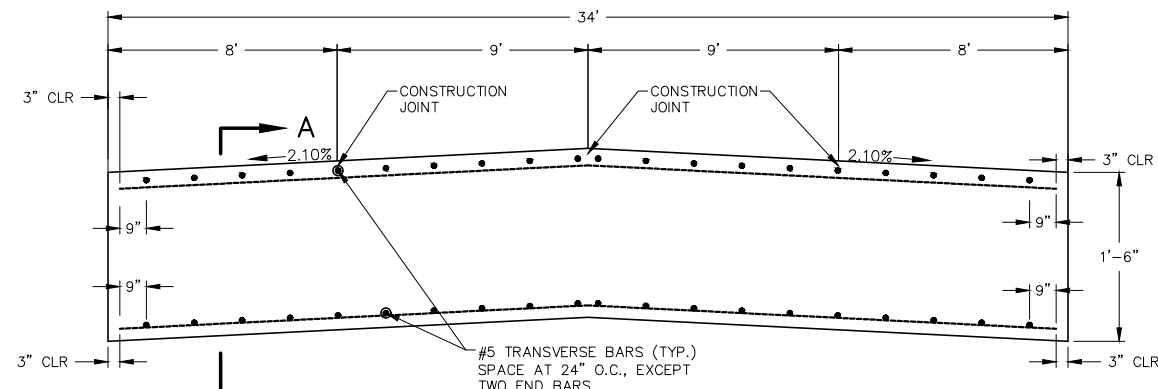
NO SCALE

- NOTES:**
- ① LEVEL, SMOOTH TROWELED SURFACE.
  - ② BASE OF SLEEPER SLAB TO BE PLACED DIRECTLY ON COMPACTED CLAY BASE, NO AGGREGATE TO BE BELOW SLEEPER SLAB.



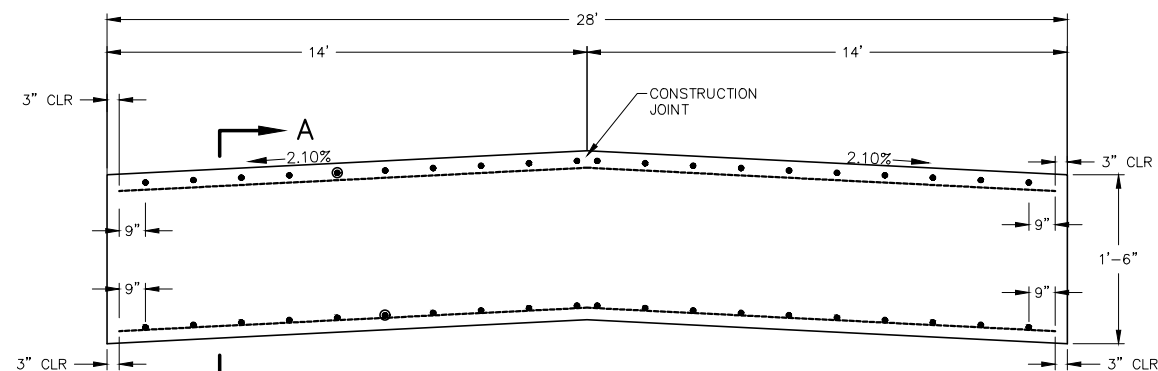
**A-A SLEEPER SLAB DETAIL W/ DIMENSIONS**

NO SCALE



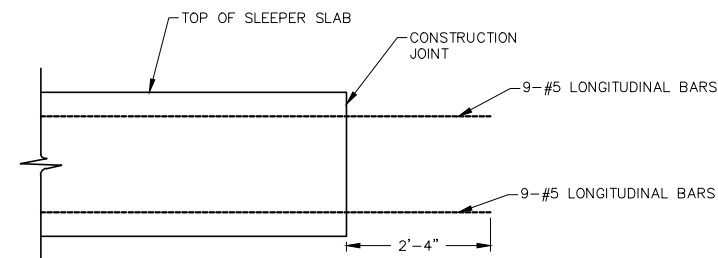
**HWY 16 - SLEEPER SLAB DETAIL**

NO SCALE



**1ST AVE SLEEPER SLAB DETAIL**

NO SCALE



**SLEEPER SLAB CONSTRUCTION JOINT DETAIL-PROFILE**

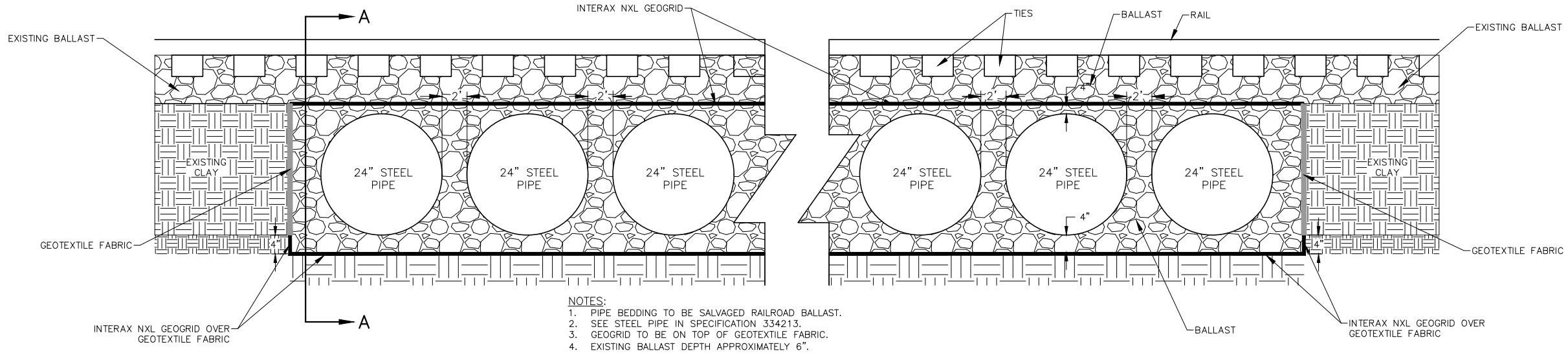
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DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
**TYPICAL DETAILS - SLEEPER SLAB**

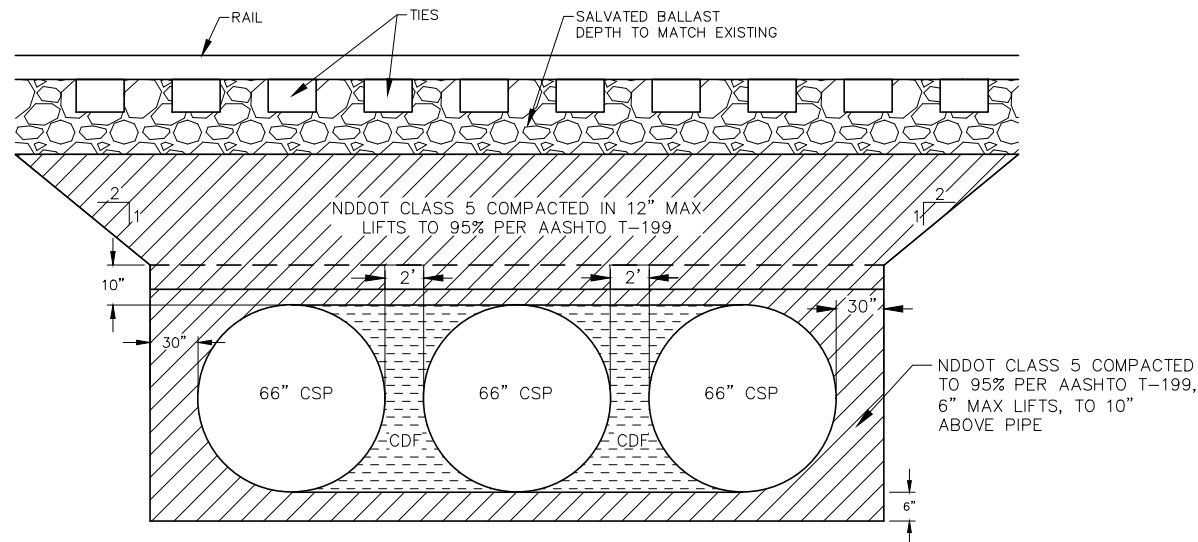
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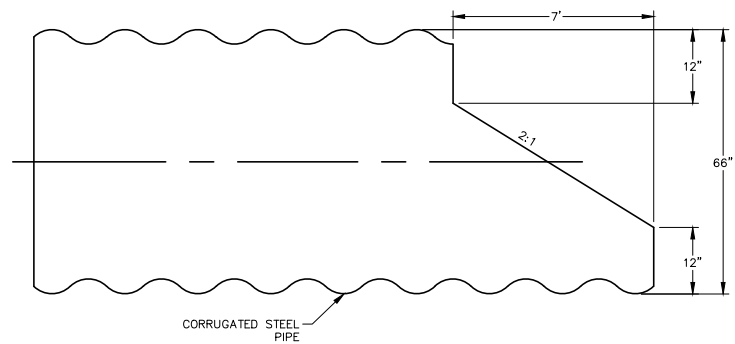
- NOTES:**
1. PIPE BEDDING TO BE SALVAGED RAILROAD BALLAST.
  2. SEE STEEL PIPE IN SPECIFICATION 334213.
  3. GEOGRID TO BE ON TOP OF GEOTEXTILE FABRIC.
  4. EXISTING BALLAST DEPTH APPROXIMATELY 6".

**TEN 24" STEEL PIPE BEDDING AND BACKFILL**  
NOT TO SCALE



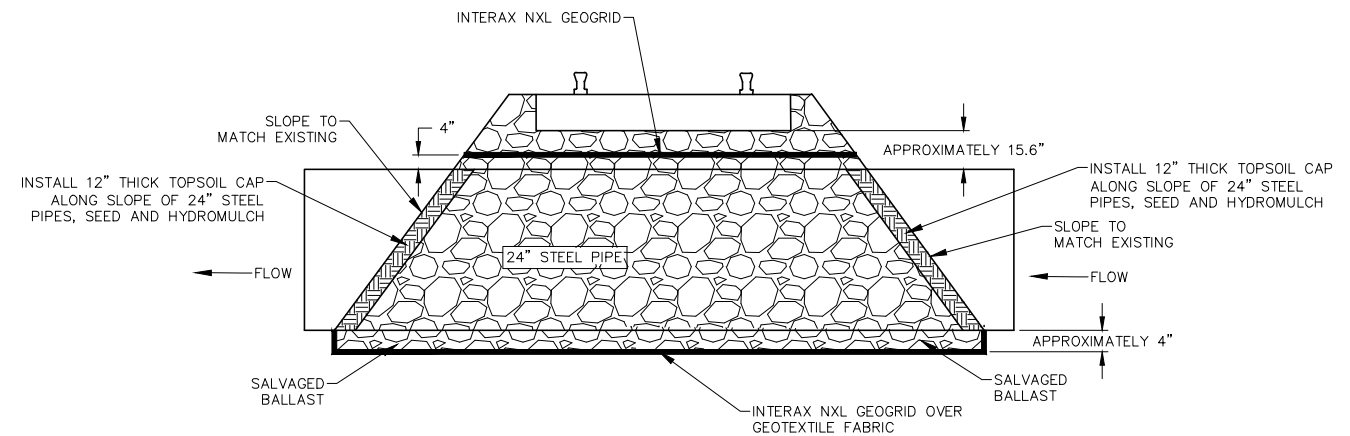
- NOTES:**
1. CONTRACTOR TO SUBMIT CDF MIX DESIGN TO ENGINEER FOR APPROVAL. SEE FLOWABLE FILL SPECIFICATION. CDF TO BE INCIDENTAL TO PIPE INSTALLATION.
  2. CLASS 5 AGGREGATE USED FOR BEDDING AND BACKFILL SHALL BE INCIDENTAL TO PIPE INSTALLATION.

**66" CSP BEDDING AND BACKFILL**  
NOT TO SCALE

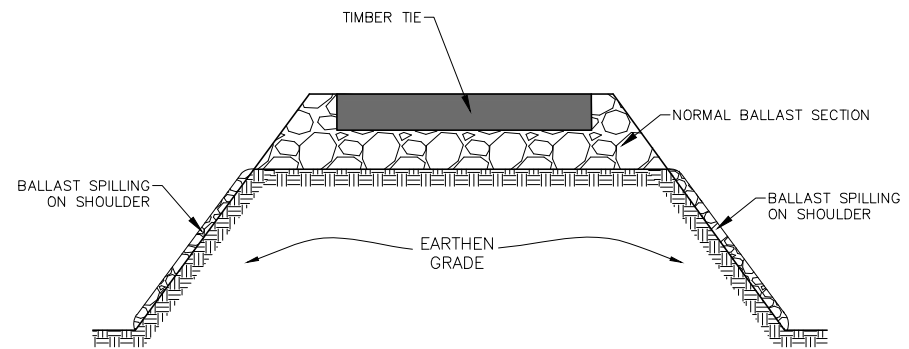


- NOTES:**
1. NOT A SEPARATE PAY ITEM. PAID AS STORM SEWER - CSP 66".

**66" CSP BEVELED END DETAIL**  
NO SCALE



**SECTION A-A**  
NOT TO SCALE



**RAILROAD MAINLINE TYPICAL SECTION**  
NOT TO SCALE

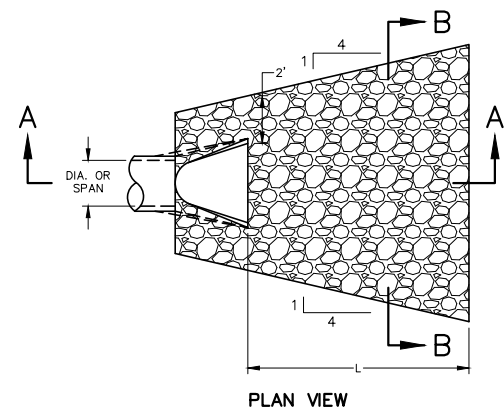


DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
TYPICAL DETAILS - CULVERTS

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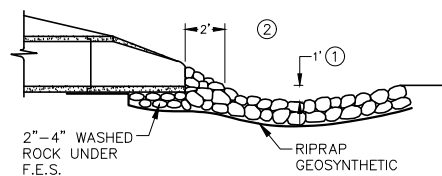
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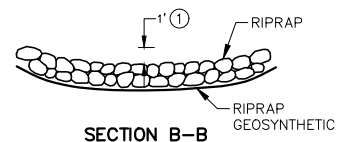
RIPRAP AT ROUND PIPE OUTLETS

DIA. OF ROUND PIPE (IN.)	L (FT.)	CLASS II	CLASS III	CLASS IV
		d50 = 6"	d50 = 9"	d50 = 12"
12	8	2.8	4.1	5.5
15	8	2.9	4.4	5.8
18	10	3.9	5.9	7.8
21	10	4.2	6.3	8.4
24	12	5.5	8.3	11.0
27	12	5.8	8.7	11.6
30	14	7.3	10.9	14.5
36	16	9.2	13.8	18.3
42	18	10.9	16.3	21.7
48	20	12.9	19.4	25.8



RIPRAP AT ARCH PIPE OUTLETS OR BOXES OF EQUIVALENT SPAN WIDTH

SPAN OF PIPE ARCH (IN.)	L (FT.)	CLASS II	CLASS III	CLASS IV
		d50 = 6"	d50 = 9"	d50 = 12"
22	10	3.9	5.9	7.8
28	12	5.5	8.2	10.9
36	14	7.2	10.8	14.3
43	16	9.2	13.7	18.3
51	18	10.9	16.3	21.7
58	20	12.7	19.0	25.4



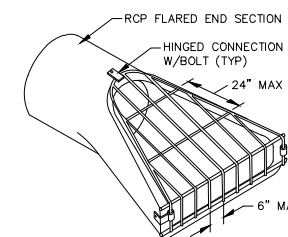
RIPRAP AT FLARED END SECTION OUTLET

NO SCALE

NOTE:  
SEE PLANS FOR RIPRAP LOCATIONS.

- NOTES:  
A. REQUIREMENTS FOR RIPRAP SIZE AND THICKNESS SHALL BE DESIGNATED IN THE PLANS.
- ① FOR PIPES GREATER THAN OR EQUAL TO 30", USE 1.5'.
  - ② MATCH TOP OF RIPRAP TO TOP EDGE (SIDES) OF FLARED END SECTION. MATCH FLOWLINE OF RIPRAP TO FLOWLINE OF FLARED END SECTION.

TRASH RACK SIZING		
PIPE SIZE	BARs	BOLTS
12"-18"	3/4"	5/8"
21"-42"	1"	3/4"
48"-72"	1 1/4"	1"



- NOTES:
- PROVIDE 3 ANCHOR CLIPS TO FASTEN TRASH RACK TO FLARED END SECTION. HOT DIP GALVANIZE AFTER FABRICATION.
  - TIE LAST 3 PIPE JOINTS. USE 2 TIE BOLT FASTENERS PER JOINT. INSTALL AT 60 DEGREES FROM TOP.
  - ALL PARTS SHALL BE HOT DIP GALVANIZED PER ASTM A153.
  - DETAIL APPLIES TO LIFT STATION DISCHARGE PIPE OUTFALL LOCATION ONLY.

TRASH RACK - RCP FLARED END SECTION

NO SCALE

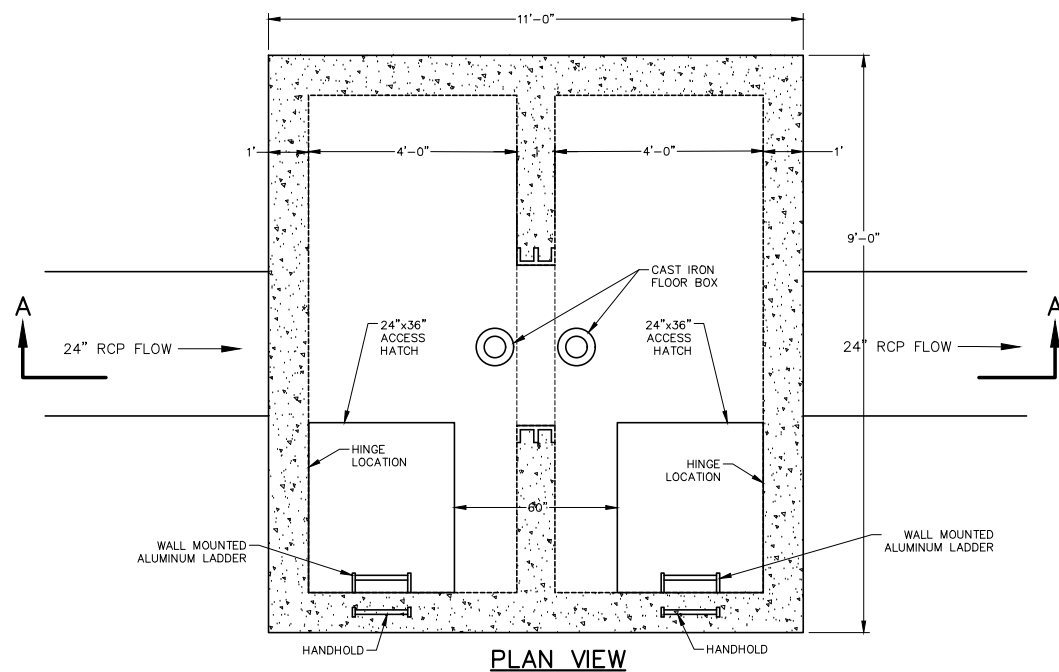
DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
TYPICAL DETAILS - FLARED END SECTIONS

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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
SUBMITTAL  
NOT FOR CONSTRUCTION**

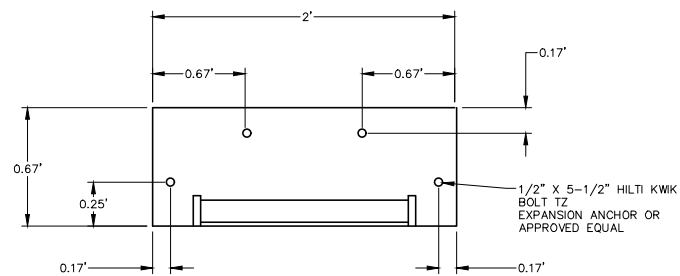
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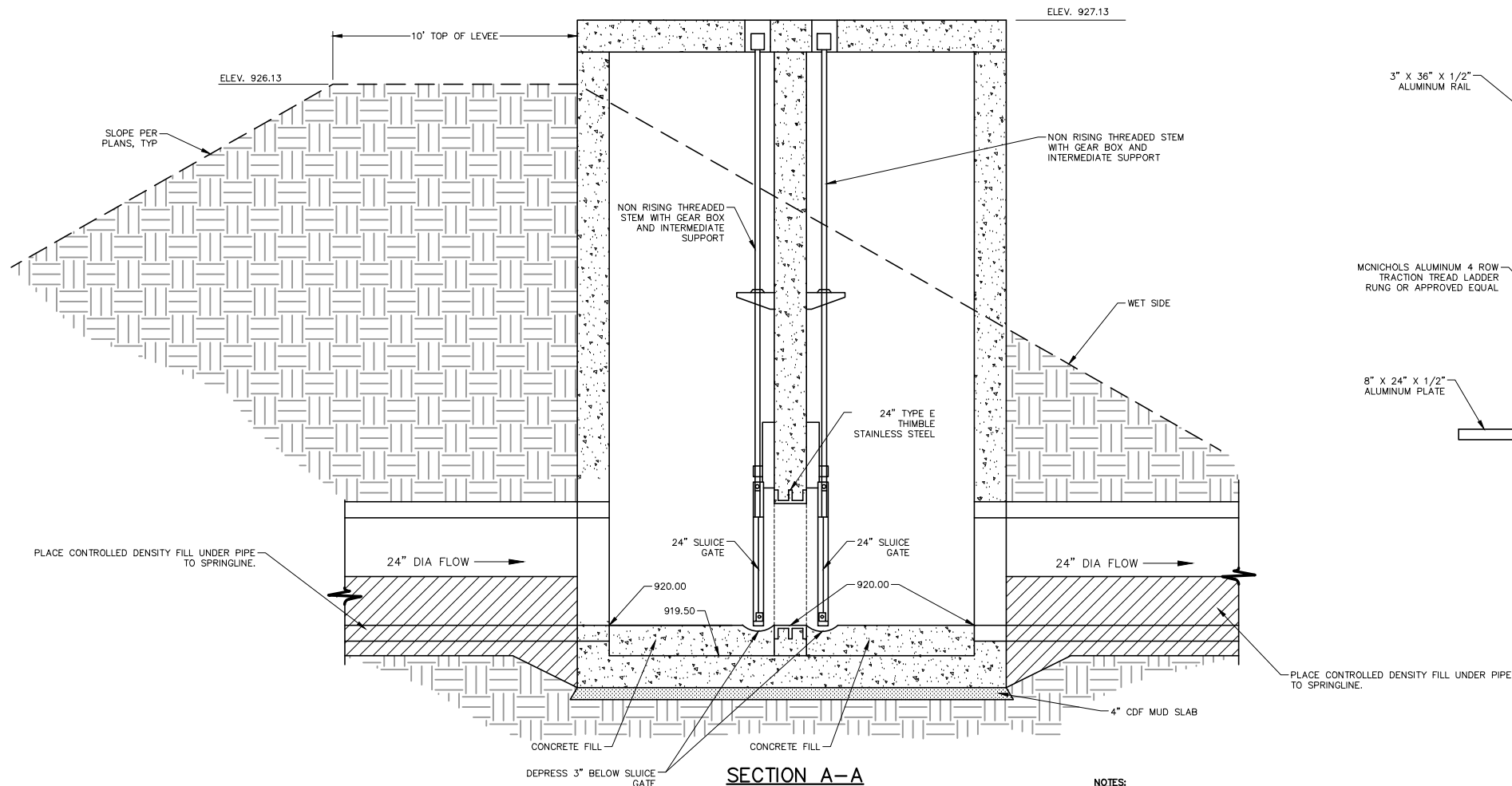
**PLAN VIEW**

**NOTES:**

1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS WITH FINAL SHOP DRAWINGS ON GATES AND OTHER EQUIPMENT.
2. ALL HARDWARE SHALL BE STAINLESS STEEL.
3. OUTSIDE WALLS ON THE GATEWELL SHALL BE COATED WITH A WATERPROOFING MATERIAL SUCH AS MASTERSEAL HLM5000, TK-HYDROMAX VOC OR APPROVED EQUAL WHERE EARTH BACKFILL IS TO BE PLACED. COATING MATERIAL SHALL BE APPROVED BY ENGINEER PRIOR TO APPLICATION.
4. CONTRACTOR TO COORDINATE OPENINGS IN TOP SLAB FOR SLUICE GATE CONTROLS WITH MANUFACTURER.
5. CONTRACTOR TO GRIND FORM JOINTS WHERE NECESSARY AND REPAIR ALL HOLES AND IMPERFECTIONS ON EXPOSED CONCRETE WALLS. NO OTHER FINISHES WILL BE REQUIRED ON EXPOSED SURFACES.
6. ACCESS HATCH SHALL BE HALLIDAY SIR2436 OR APPROVED EQUAL.
7. SEE STRUCTURAL DRAWINGS.
8. WALL MOUNTED ALUMINUM LADDER TO BE HALLIDAY L1B OR APPROVED EQUAL.
9. BACKFILL WITHIN LEVEE SHALL BE CLAY OR CDF.
10. ACCESS HATCH TO HAVE A LOCKING BAR FOR AN OWNER SUPPLIED PADLOCK.



**3-RUNG HANDHOLD DETAIL**  
NO SCALE



**GATEWELL-1 ELEVATION VIEW**  
NO SCALE

**NOTES:**

1. ALL ITEMS SHOWN TO BE INCLUDED IN GATEWELL PAY ITEM.
2. SLUICE GATES SHALL BE WHIPPS, FONTAINE, WATERMAN, AQUANOX OR APPROVED EQUAL.
3. SLUICE GATES SHALL BE STAINLESS STEEL.
4. ALL ACCESS HATCHES SHALL HAVE FALL THROUGH PROTECTION GRATING, ORANGE IN COLOR.
5. SLUICE GATES SHALL BE CLOSED FRAMED AND DESIGNED FOR 10' OF HEAD.
6. OVERALL WIDTH OF SLUICE GATE FRAME CANNOT EXCEED 33".
7. OVERALL THICKNESS OF SLUICE GATE CANNOT EXCEED 9".
8. GEAR RATIO, IF REQUIRED, SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
9. MAXIMUM ALLOWABLE THRUST EFFORT TO OPERATE SLUICE GATE SHALL BE 40 POUNDS.



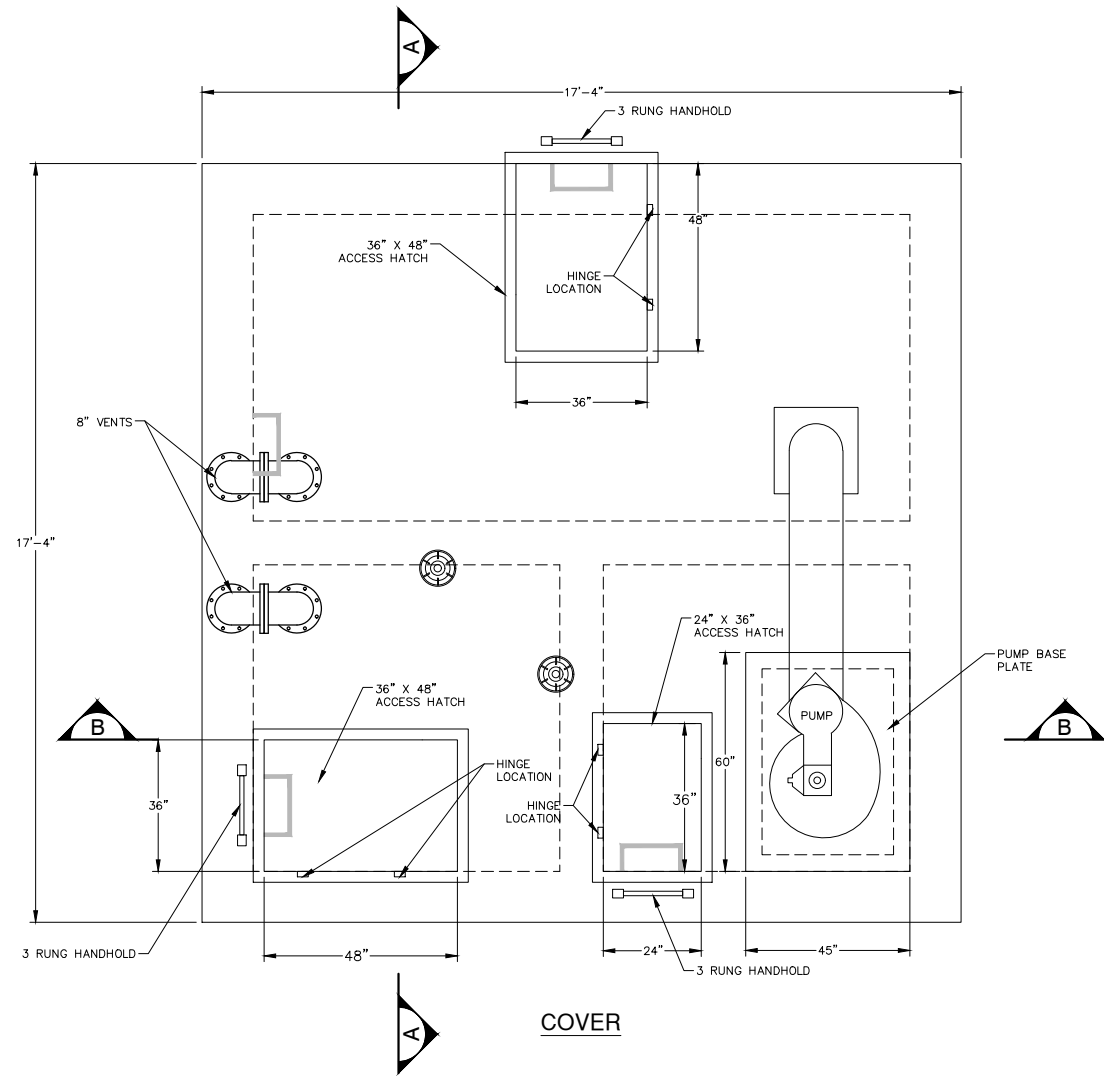
DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
GATEWELL CONTROL STRUCTURE DETAIL

DATE:	02.23.26
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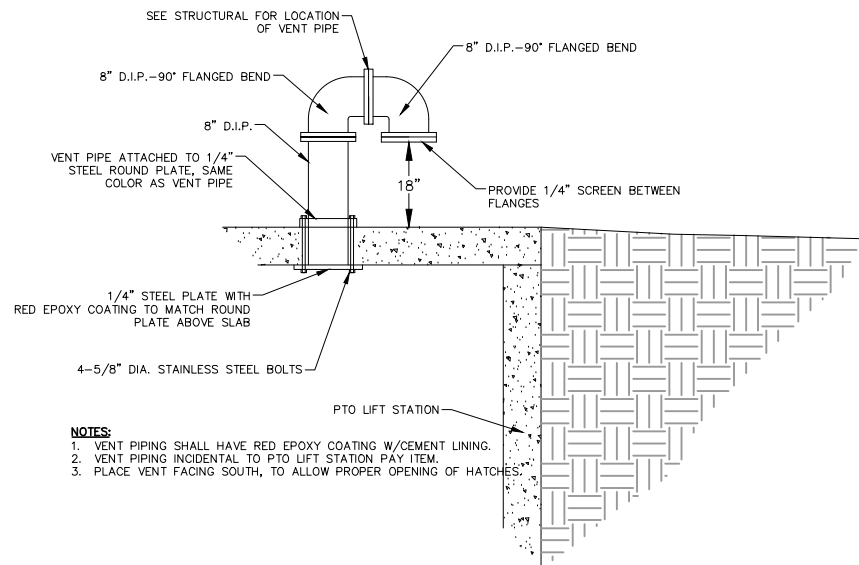
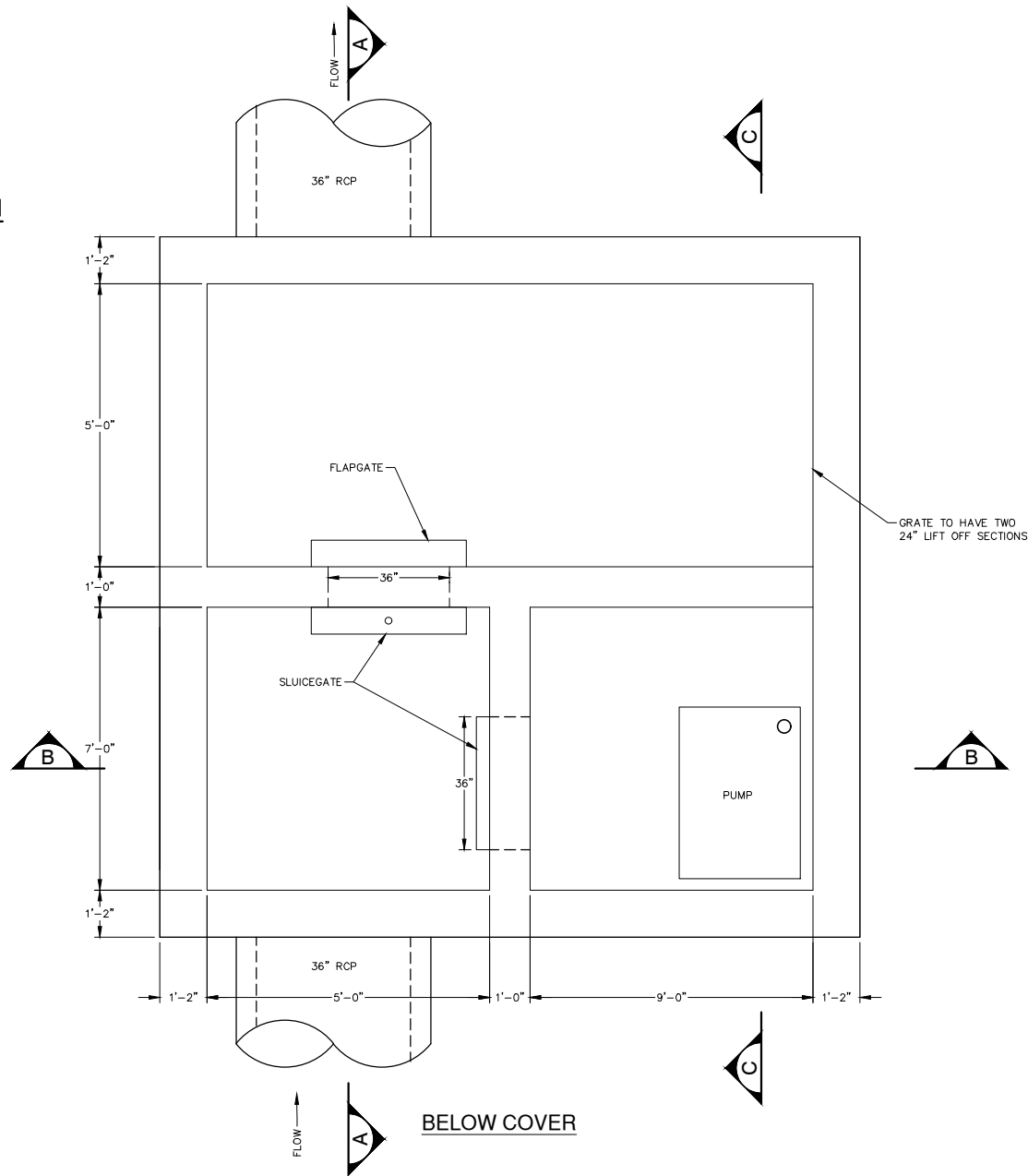
PROJECT No.	19611
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**PTO LIFT STATION**



- NOTES:**
1. VENT PIPING SHALL HAVE RED EPOXY COATING W/CEMENT LINING.
  2. VENT PIPING INCIDENTAL TO PTO LIFT STATION PAY ITEM.
  3. PLACE VENT FACING SOUTH, TO ALLOW PROPER OPENING OF HATCHES.

**NOTES:**

1. ALTERNATIVE CONSTRUCTION JOINTS TO BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS WITH FINAL SHOP DRAWINGS ON GATES AND OTHER EQUIPMENT.
3. ACCESS HATCHES SHALL BE BILCO, HALLIDAY OR APPROVED EQUAL.
4. ALL HARDWARE SHALL BE STAINLESS STEEL, TYPE 316, ASTM A276.
5. OUTSIDE WALLS ON THE PTO LIFT STATION SHALL BE COATED WITH AN ASPHALT WATERPROOFING MATERIAL (SONOSHIELD HLM 5000 BY SONNEBORN OR APPROVED EQUIVALENT) WHERE EARTH BACKFILL IS TO BE PLACED. COATING MATERIAL SHALL BE APPROVED BY ENGINEER PRIOR TO APPLICATION.
6. CONTRACTOR TO COORDINATE OPENINGS IN TOP SLAB FOR SLUICE GATE CONTROLS WITH MANUFACTURER.
7. SEE STRUCTURAL DRAWINGS.
8. ALL ITEMS SHOWN TO BE INCLUDED IN PTO LIFT STATION PAY ITEM.
9. SLUICE GATE TO BE NON RISING STEM.
10. PTO GEAR BOX TO FACE SOUTHEAST.
11. WALL THIMBLE TO BE STAINLESS STEEL.
12. PUMP DISCHARGE TO BE TOWARD NORTHEAST.
13. SLUICE GATE SHALL BE WHIPPS, FONTAINE, OR APPROVED EQUAL.
14. SLUICE GATE SHALL BE STAINLESS STEEL, TYPE 304L, ASTM A240.
15. ALL ACCESS HATCHES SHALL HAVE FALL THROUGH PROTECTION GRATING, ORANGE IN COLOR.
16. 6" CRUSHED ROCK SHALL HAVE 100% PASSING 2" SIEVE AND 100% RETAINED ON 3/4" SIEVE.
17. FLAPGATE SHALL BE WHIPPS, FONTAINE, OR APPROVED EQUAL.
18. FLAPGATE SHALL BE STAINLESS STEEL, TYPE 304L, ASTM A240.
19. FLAPGATE AND SLUICEGATE SHALL BE DESIGN FOR 10' OF HEAD.

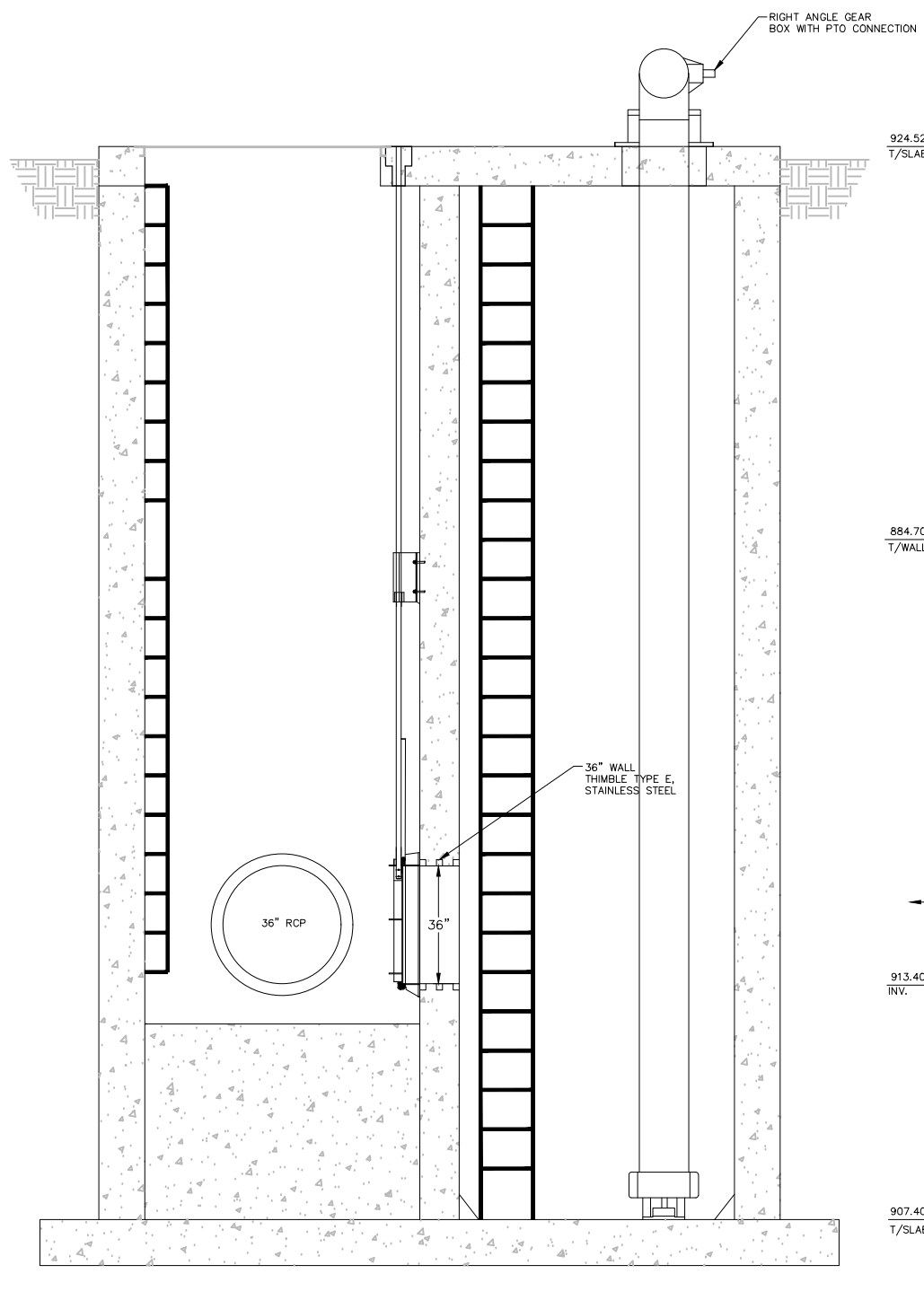


**DETAILS**  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
**LIFT STATION DETAILS**

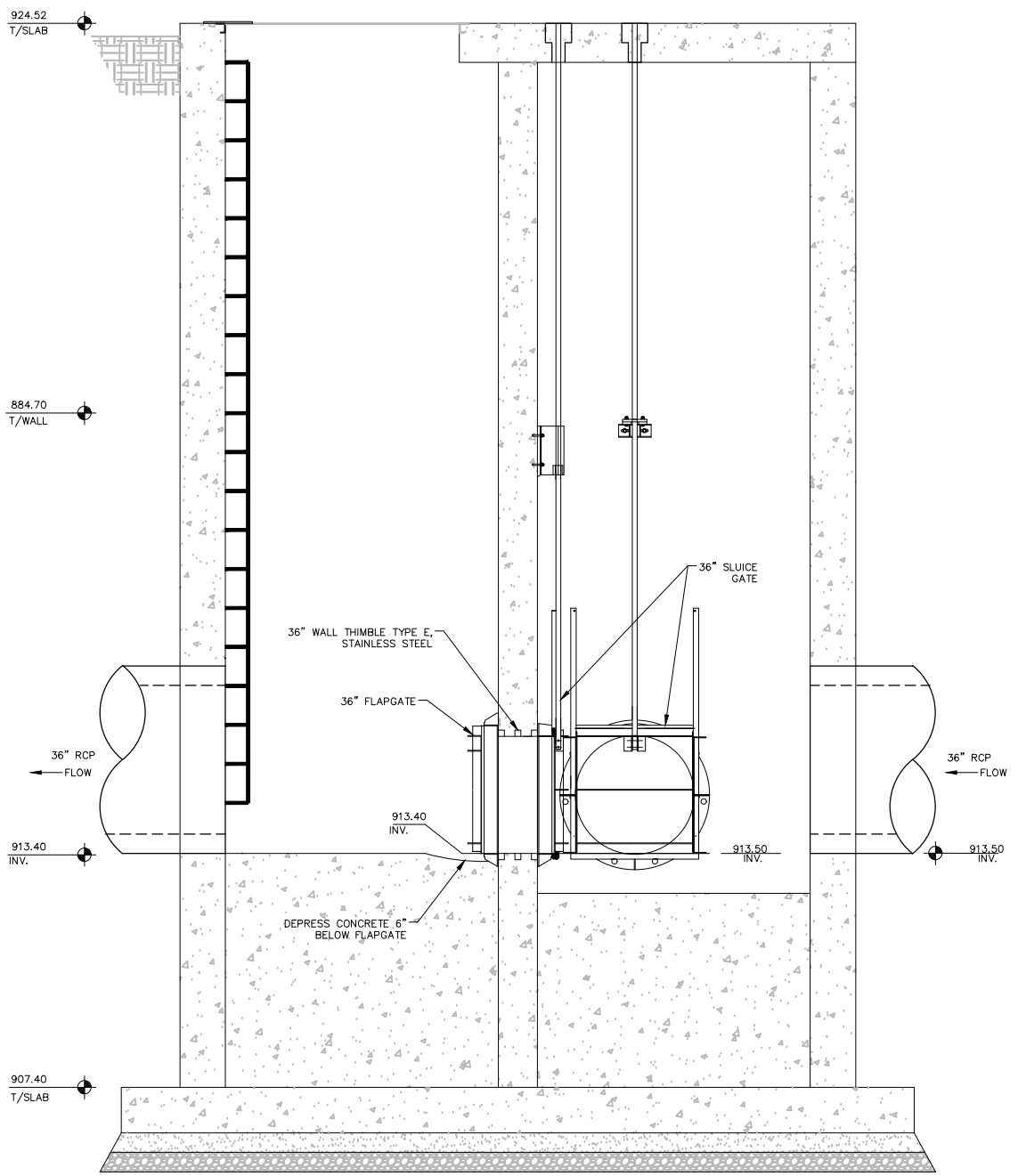
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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
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PTO LIFT STATION - SECTION B-B  
NOT TO SCALE



PTO LIFT STATION - SECTION A-A  
NOT TO SCALE

DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
LIFT STATION DETAILS

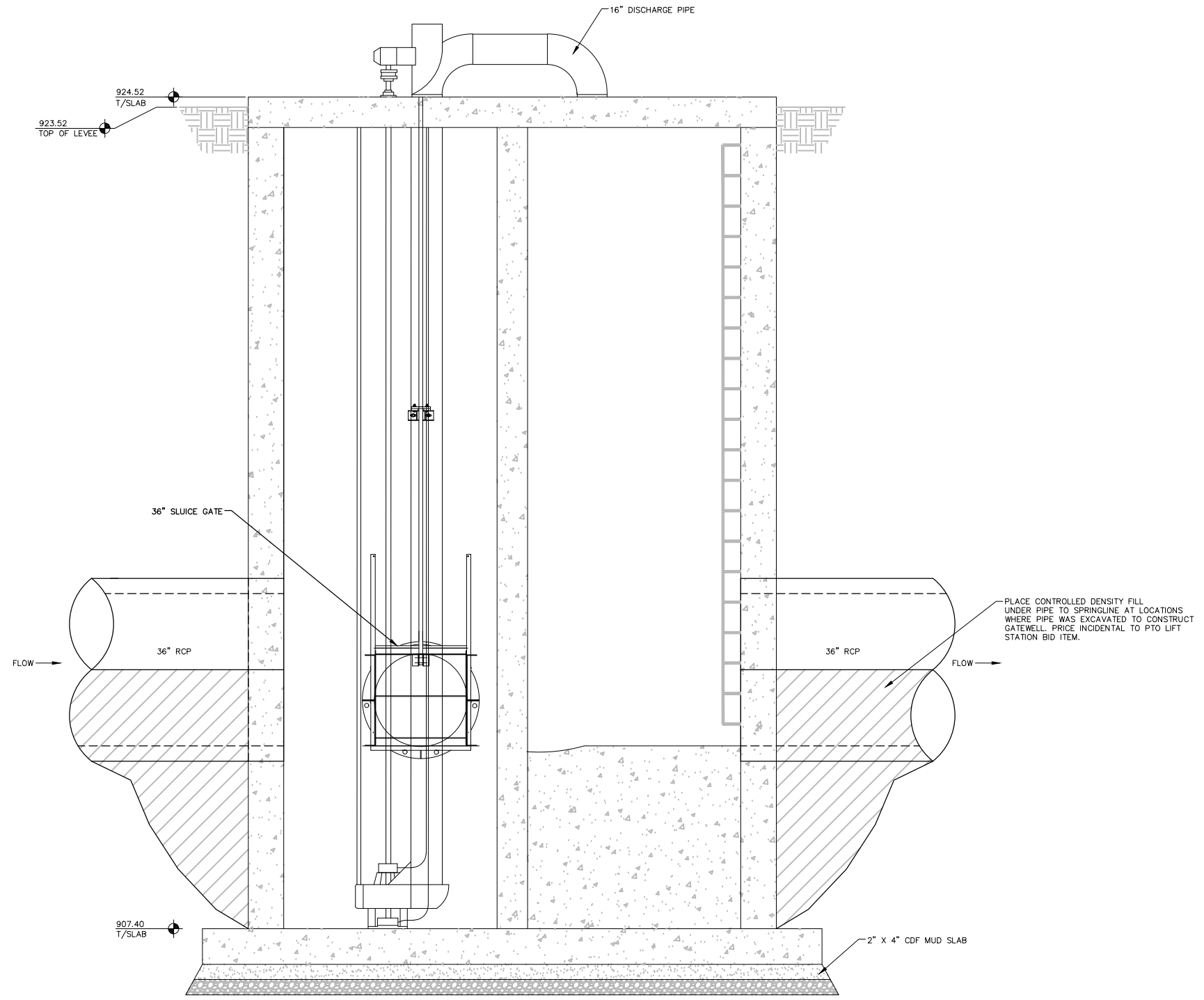
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DETAILS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 LIFT STATION DETAILS



- NOTES:**
1. SLUICE GATE TO BE NON RISING STEM.
  2. PTO GEAR BOX TO FACE SOUTHEAST.
  3. WALL THIMBLE TO BE STAINLESS STEEL.
  4. PUMP DISCHARGE TO BE TOWARDS NORTHEAST.
  5. PUMP SHALL BE CRISAFULLI 16" L SERIES (OR APPROVED EQUAL) VERTICAL PUMP WITH PTO INPUT.
  6. PTO PUMP SHALL BE ABLE TO PUMP 10,700 GPM AT 11' OF HEAD.
  7. PTO CONNECTION TO BE ABLE TO CONNECT TO PTO THAT IS 1-3/8" WITH 21 SPLINES.

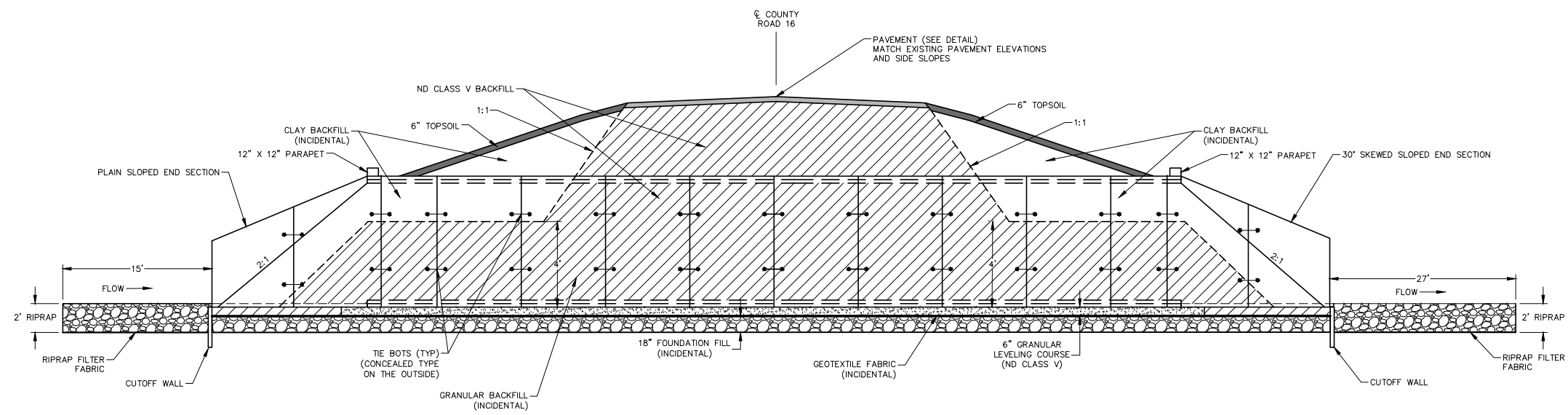
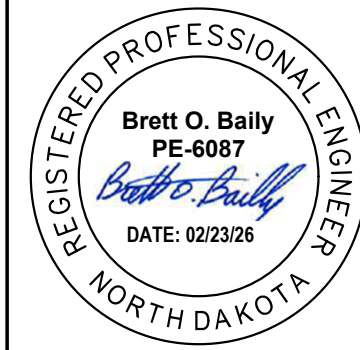
PTO LIFT STATION - SECTION C-C  
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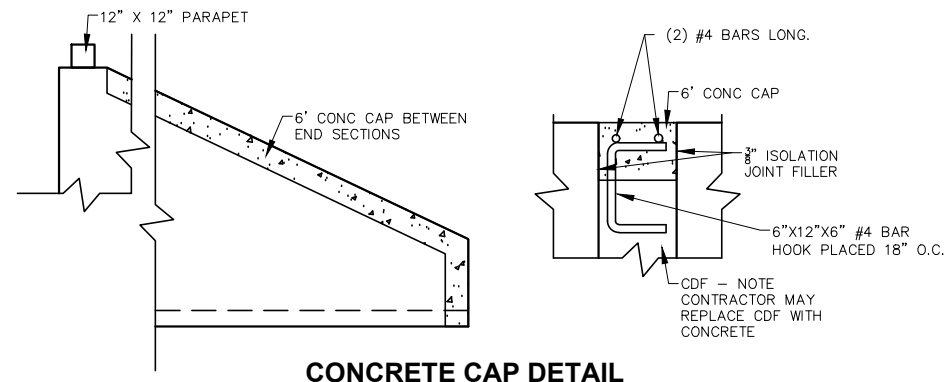
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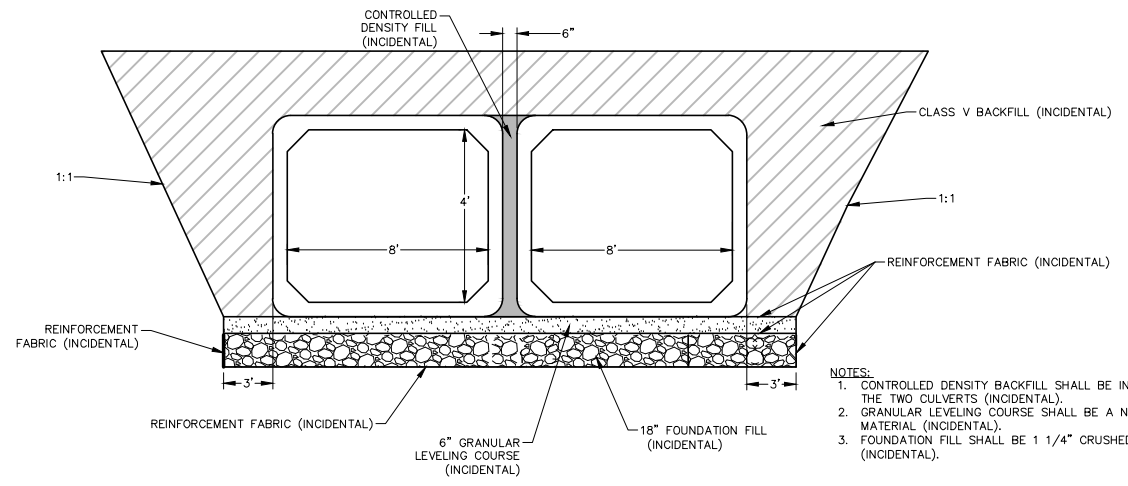


**8' X 4' BOX CULVERT SECTION**  
NO SCALE

- NOTES:**
1. CONTROLLED DENSITY BACKFILL SHALL BE INSTALLED BETWEEN THE TWO CULVERTS (INCIDENTAL).
  2. GRANULAR LEVELING COURSE AND SELECT BACKFILL SHALL BE A NDDOT CLASS 5 MATERIAL.
  3. FOUNDATION FILL SHALL BE A 1 1/4" CRUSHED ROCK PER CITY OF FARGO SPECIFICATION 1500.
  4. REFER TO SPECIFICATION 321123 FOR GEOTEXTILE FABRIC.
  5. BEDDING, GEOTEXTILE AND SELECT BACKFILL TO BE INCIDENTAL TO 10' X 13' RCB PAY ITEM.
  6. ALL JOINTS TO HAVE BUTYL RUBBER JOINT SEALANT, SUCH AS KENT SEAL NO. 2 OR APPROVED EQUAL.
  7. ALL JOINT TO HAVE EXTERIOR WRAP OR EXTRUDED BUTYL ADHESIVE TAPE, SUCH AS E2-WRAP OR APPROVED EQUAL, WITH A WIDTH OF 12". WRAP TO BE PLACED CENTERED ON EXTERIOR JOINT.
  8. THIS DETAIL IS INTENDED FOR SHOWING GENERAL DESIGN REQUIREMENTS. NUMBER OF JOINTS TO BE PER MANUFACTURER'S SIZING AND NOT NECESSARILY AS SHOWN.

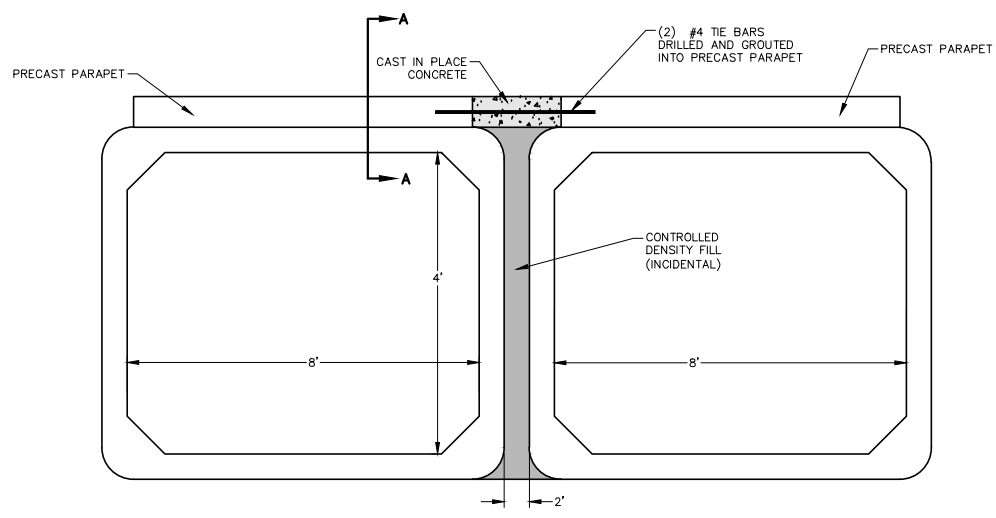


**CONCRETE CAP DETAIL**  
NO SCALE

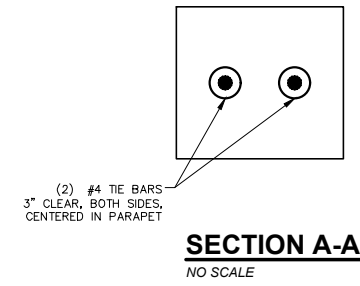


**8' X 4' FOUNDATION & BACKFILL DETAIL**  
NO SCALE

- NOTES:**
1. CONTROLLED DENSITY BACKFILL SHALL BE INSTALLED BETWEEN THE TWO CULVERTS (INCIDENTAL).
  2. GRANULAR LEVELING COURSE SHALL BE A NDDOT CLASS V MATERIAL (INCIDENTAL).
  3. FOUNDATION FILL SHALL BE 1 1/4" CRUSHED ROCK MATERIAL (INCIDENTAL).



**PARAPET CAST IN PLACE CONCRETE DETAIL**  
NO SCALE



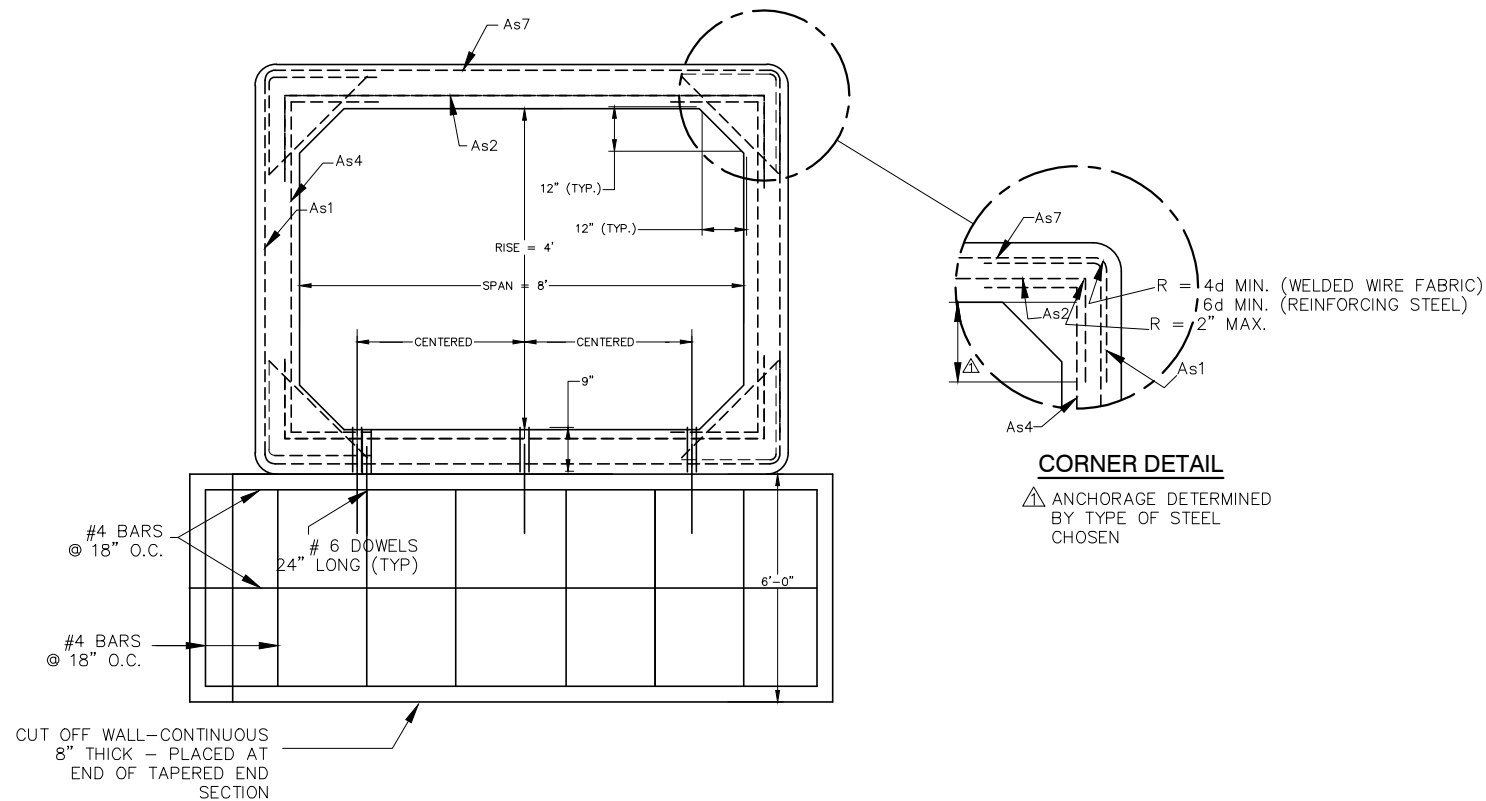
**SECTION A-A**  
NO SCALE

DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
BOX CULVERT DETAILS

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- NOTES:
1. EACH SECTION SHALL HAVE FOUR HANDLING HOLES. HOLES TO BE PLUGGED AFTER EACH SECTION IS INSTALLED. PLUGS MUST BE SPECIFICALLY DESIGNED FOR PLUGGING LIFTING HOLES. LIFTING HOLES MAY BE FILLED WITH GROUT.
  2. FOR PRE-CAST, WALL THICKNESS AND REQUIRED STEEL SHALL BE DETERMINED BY MANUFACTURER. CALCULATIONS AND DRAWINGS SHALL BE PROVIDED AND STAMPED BY REGISTERED ENGINEER IN THE STATE OF NORTH DAKOTA TO ENGINEER. DESIGN SHALL BE BASED ON AASHTO HS-25 LOADING. FILL OVER BOX TO VARY, 5' MAX.
  3. THE OUTSIDE OF ALL JOINTS TO BE COVERED WITH EZ-WRAP OR APPROVED EQUAL.
  4. MINIMUM WALL THICKNESS FOR PRE-CAST SHALL BE 8".
  5. LAP SPLICES AND ANCHORAGE SHALL BE DETERMINED BY TYPE OF STEEL CHOSEN.

**BOX CULVERT SECTION DETAIL**  
NOT TO SCALE

DETAILS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
BOX CULVERT DETAILS

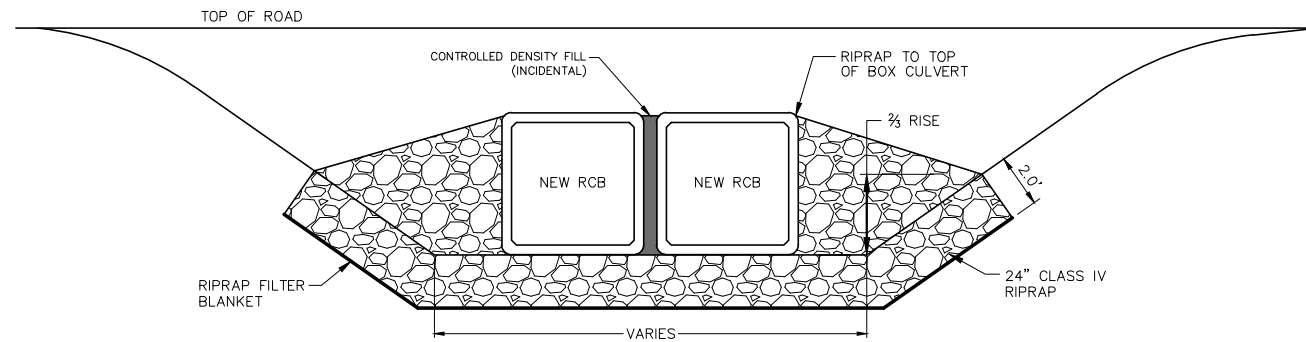
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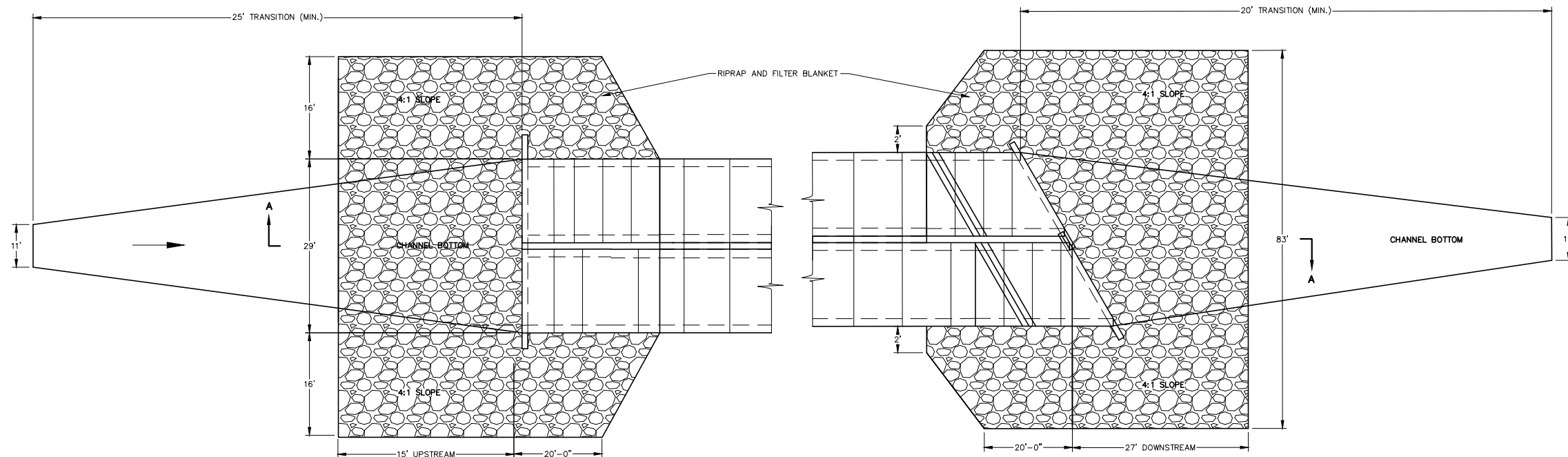
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**RIPRAP DETAIL - DOUBLE RCB**

NO SCALE



**TYPICAL DOUBLE RCB RIPRAP DETAIL**

NO SCALE

DETAILS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
**BOX CULVERT RIPRAP DETAILS**

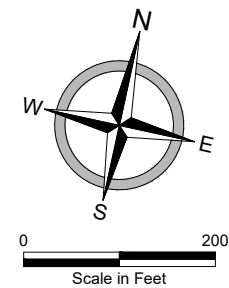
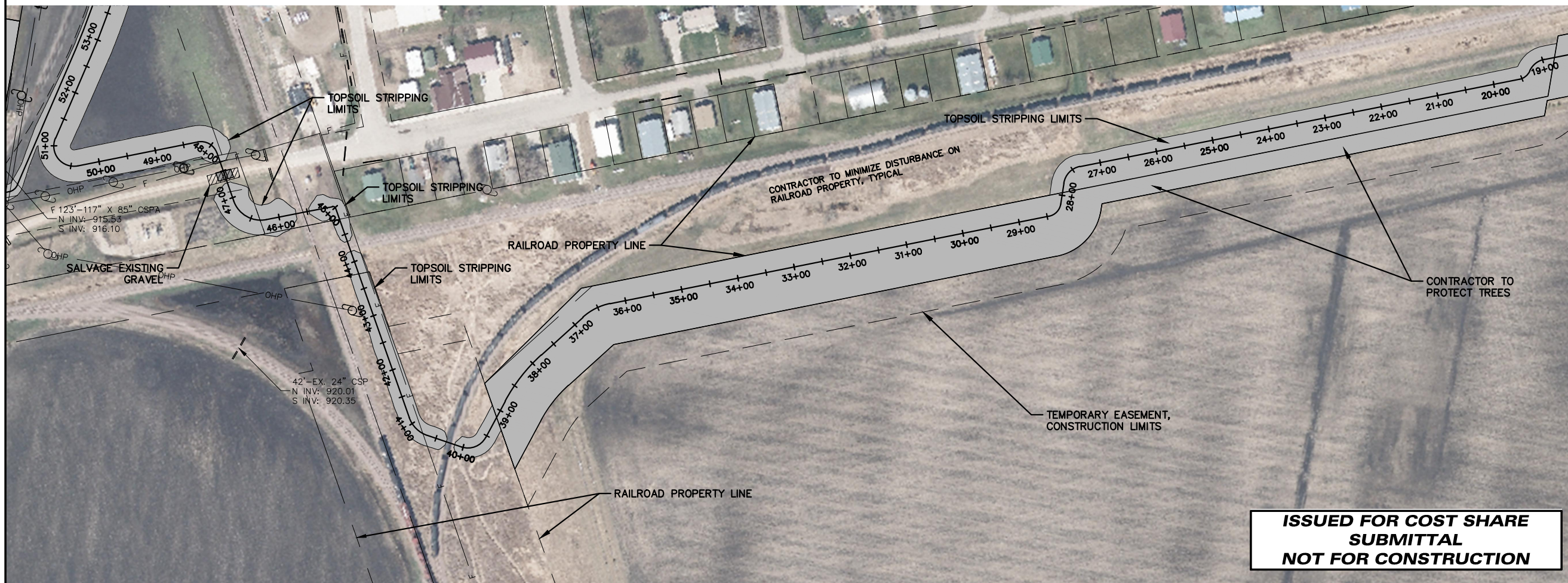
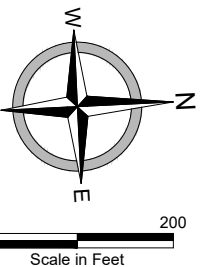
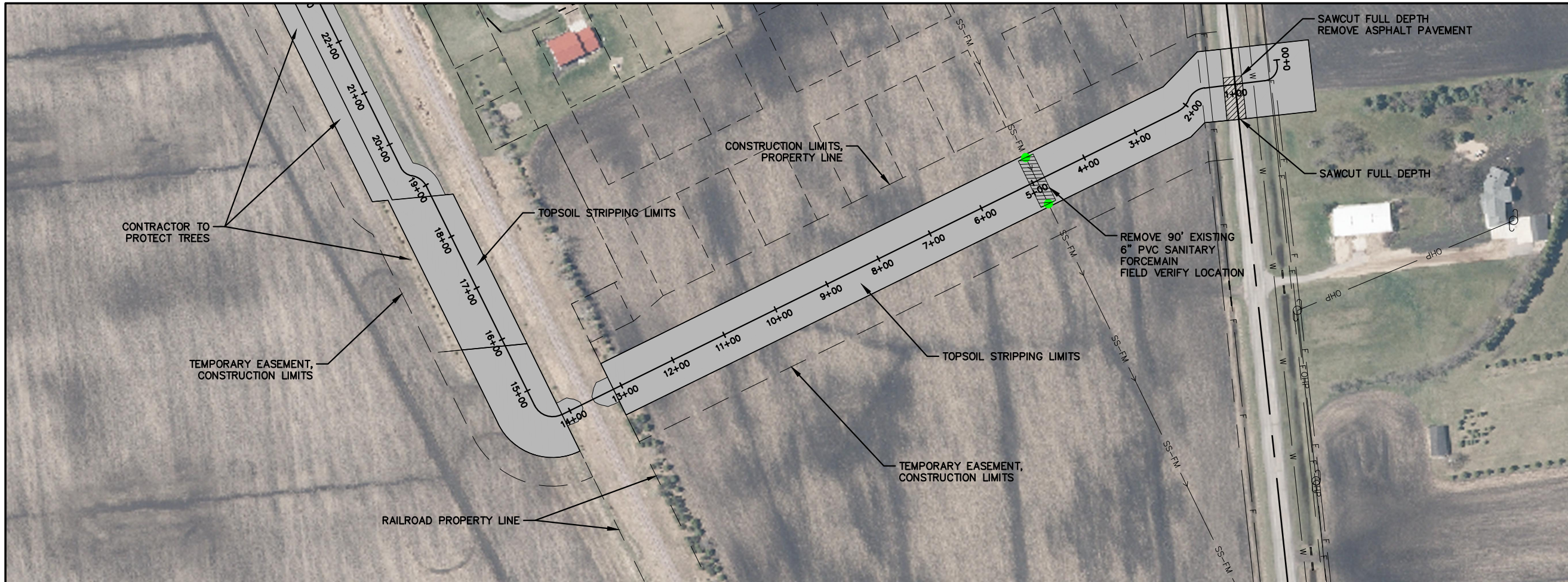
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DRAFTER:	RJK
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**C-212**

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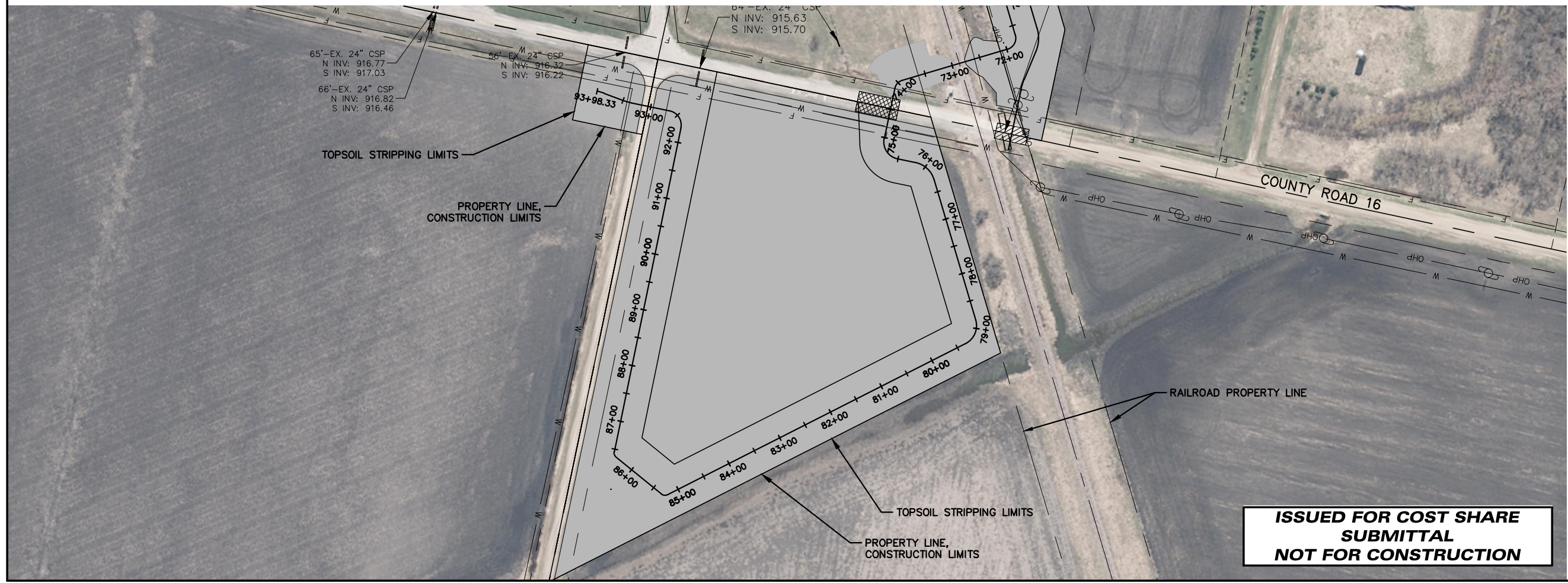
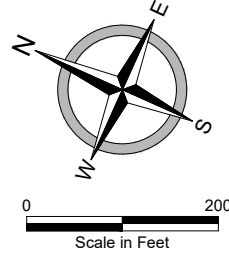
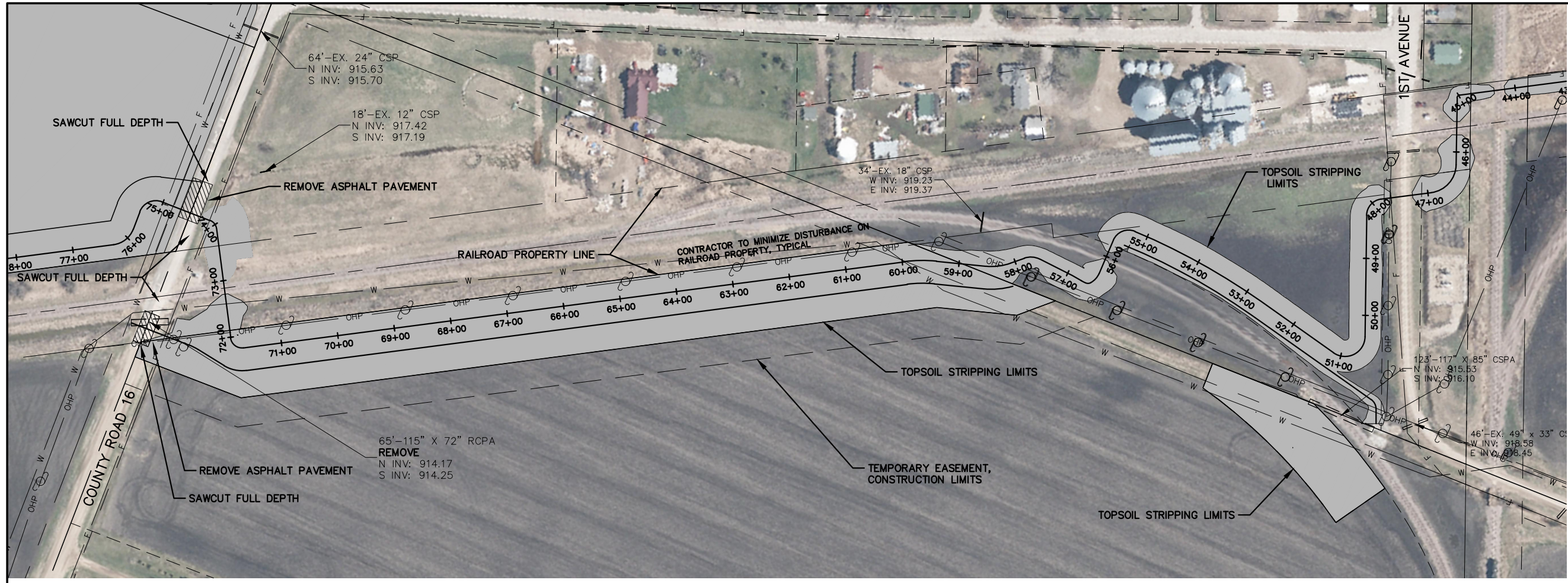
REMOVALS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
LEVEE

DATE:	02.23.26
REVISED:	---
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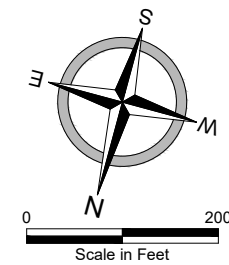
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**C-301**

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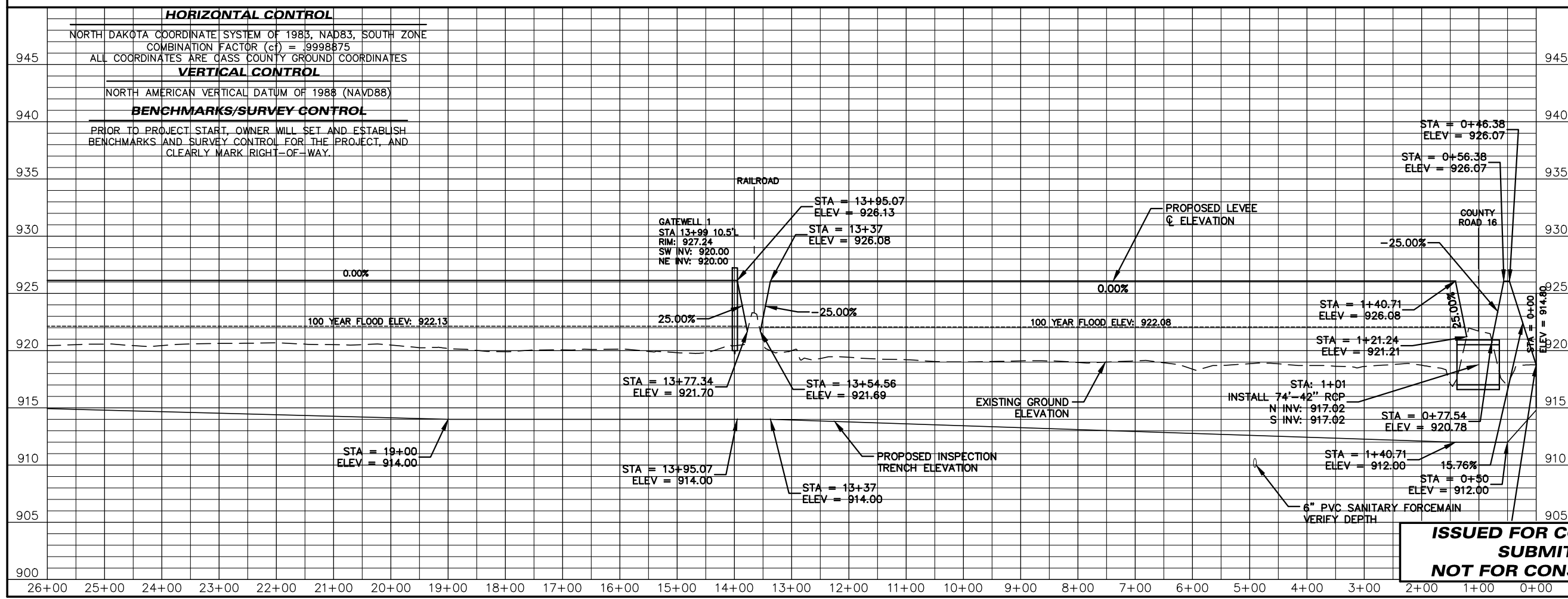
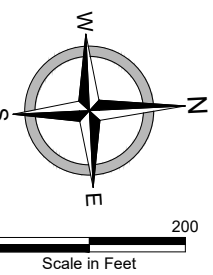
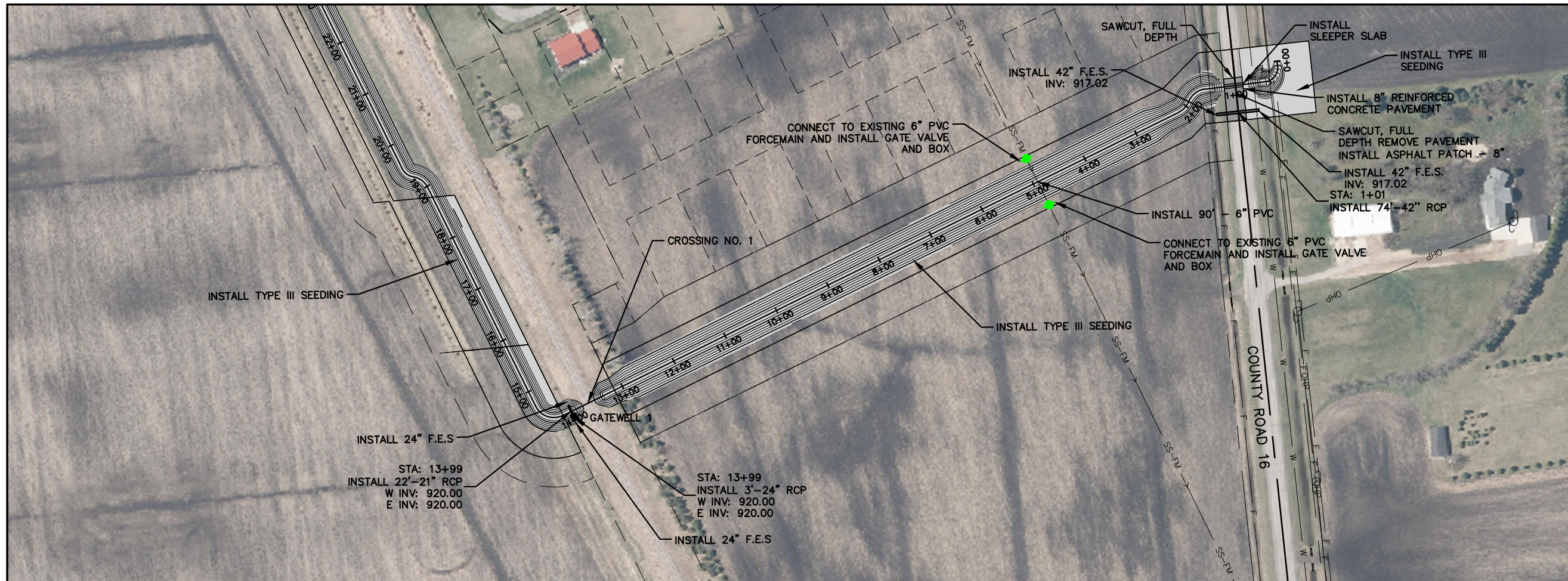


REMOVALS  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
LEVEE

DATE:	02.23.26
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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
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REVIEWER:	JAG

**C-302**

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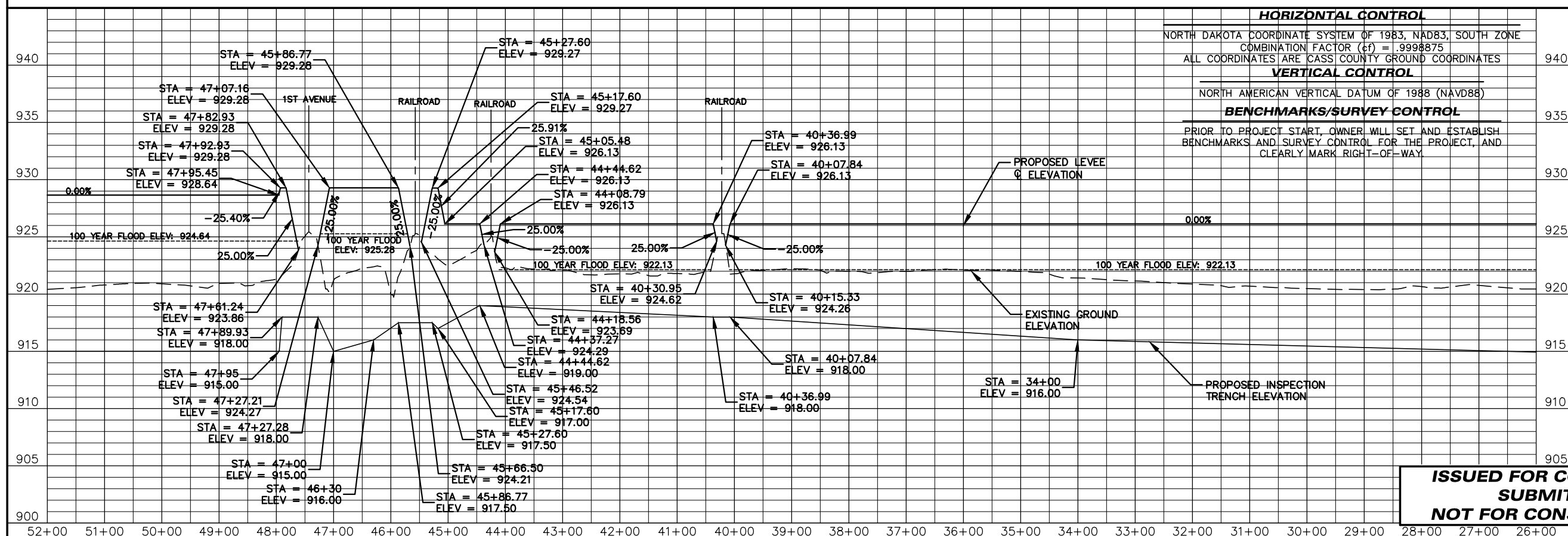
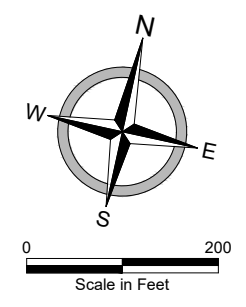
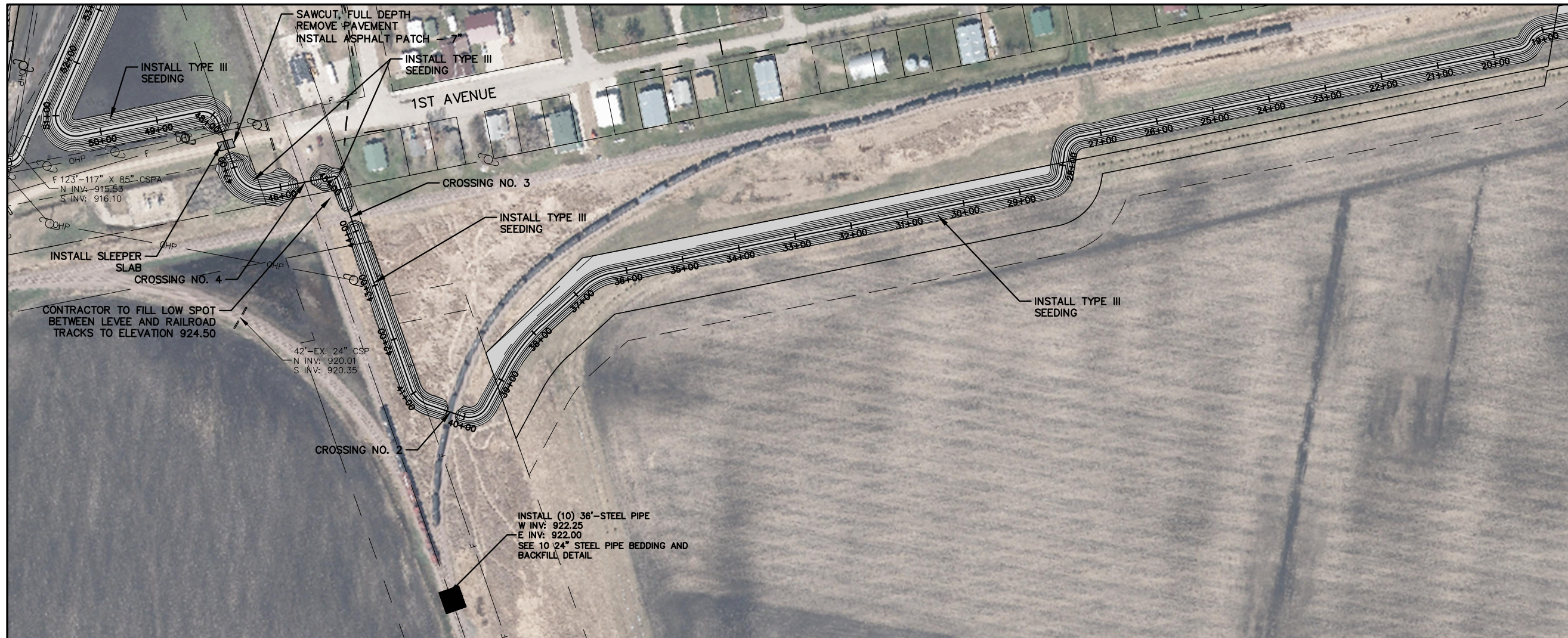
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**PLAN & PROFILE - UNDERGROUND  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
LEVEE**

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REVISED:	---
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DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**C-401**

FILE LOCATION: R:\Projects\19000196001\CIVIL\PRODUCTION\19611-PP.dwg



**HORIZONTAL CONTROL**  
 NORTH DAKOTA COORDINATE SYSTEM OF 1983, NAD83, SOUTH ZONE  
 COMBINATION FACTOR (cf) = .9998875  
 ALL COORDINATES ARE CASS COUNTY GROUND COORDINATES

**VERTICAL CONTROL**  
 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

**BENCHMARKS/SURVEY CONTROL**  
 PRIOR TO PROJECT START, OWNER WILL SET AND ESTABLISH BENCHMARKS AND SURVEY CONTROL FOR THE PROJECT, AND CLEARLY MARK RIGHT-OF-WAY.

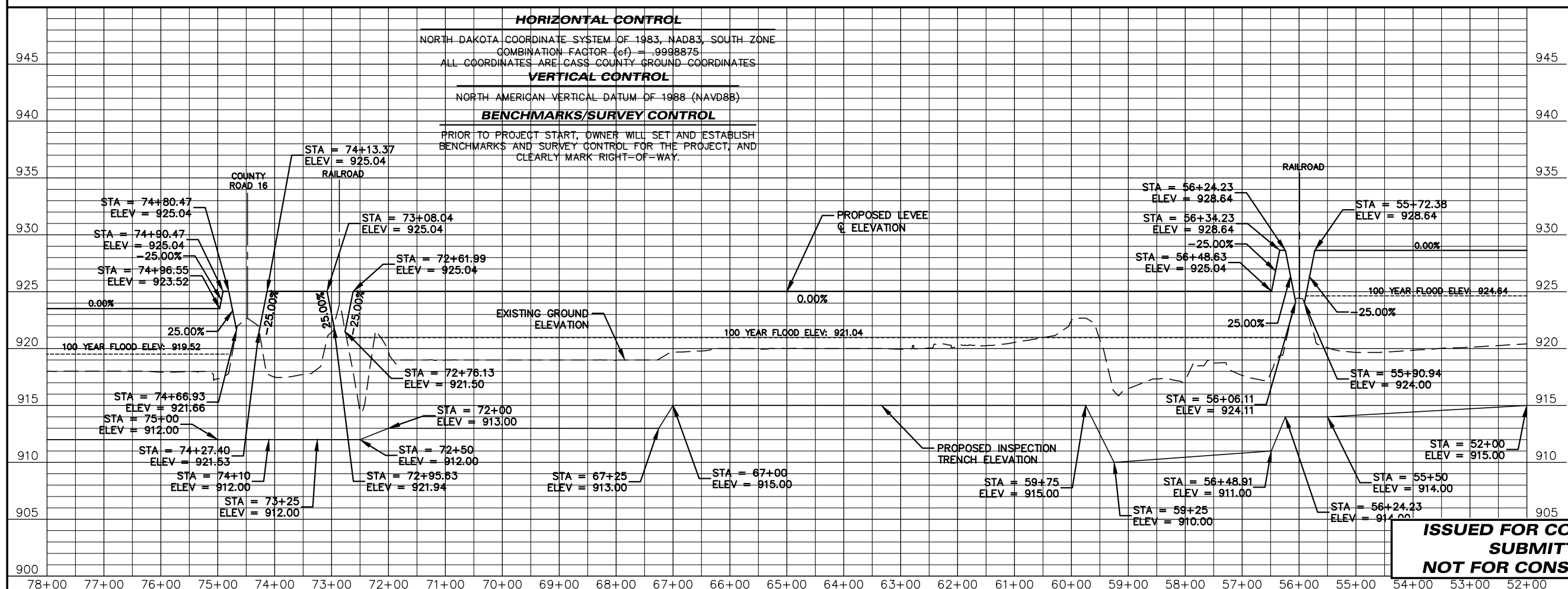
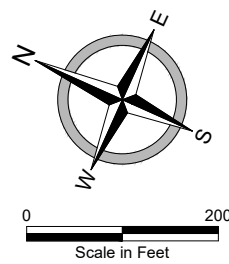
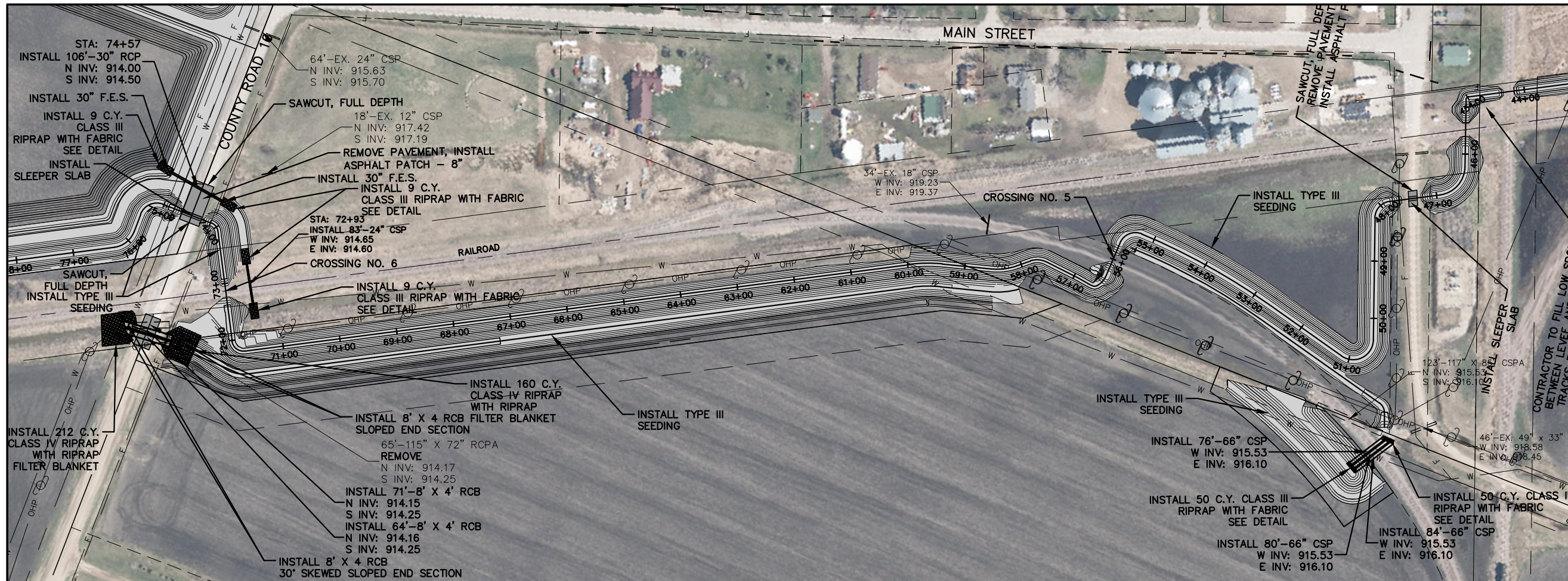
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PLAN & PROFILE - UNDERGROUND  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 LEVEE

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REVIEWER:	JAG

**C-402**

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**HORIZONTAL CONTROL**  
 NORTH DAKOTA COORDINATE SYSTEM OF 1983, NAD83, SOUTH ZONE  
 COMBINATION FACTOR (cf) = .9998875  
 ALL COORDINATES ARE CASS COUNTY GROUND COORDINATES

**VERTICAL CONTROL**  
 NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

**BENCHMARKS/SURVEY CONTROL**  
 PRIOR TO PROJECT START, OWNER WILL SET AND ESTABLISH BENCHMARKS AND SURVEY CONTROL FOR THE PROJECT, AND CLEARLY MARK RIGHT-OF-WAY.

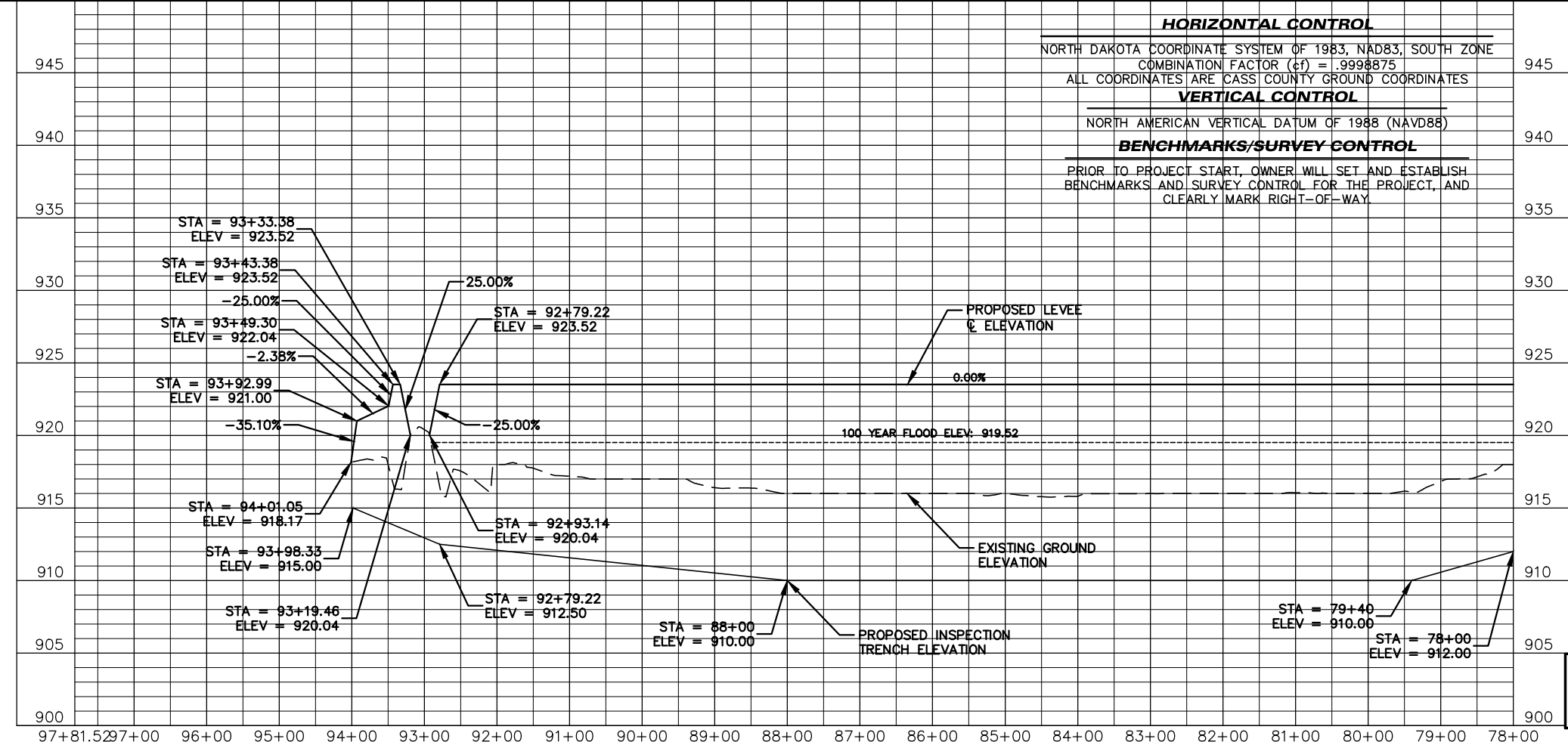
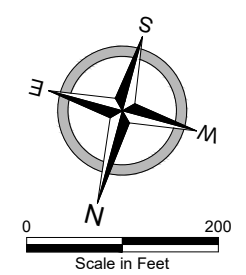
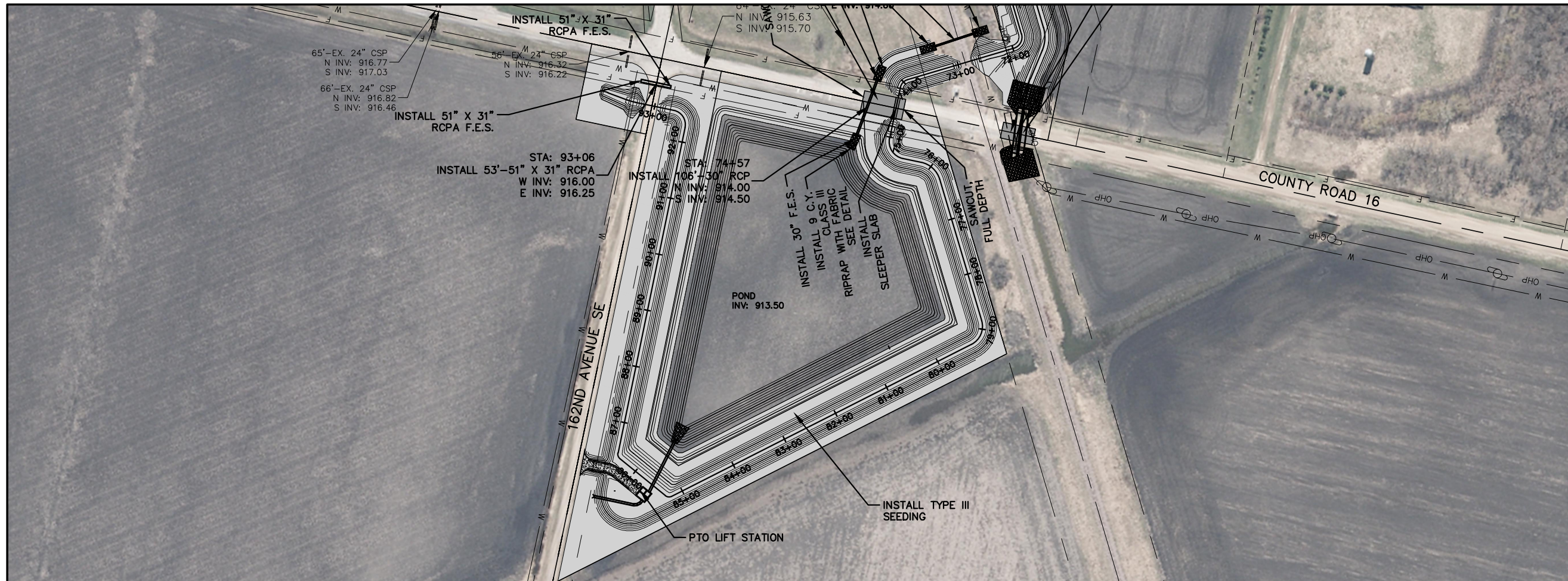
**ISSUED FOR COST SHARE SUBMITTAL NOT FOR CONSTRUCTION**

PLAN & PROFILE - UNDERGROUND  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEL  
 DAVENPORT, NORTH DAKOTA  
**LEVEL**

DATE:	02.23.26
REVISED:	---
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REVISED:	---
REVISED:	---
RECORD:	---
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**C-403**

FILE LOCATION: R:\Projects\1900019600\19611\CIVIL\PRODUCTION\19611-PP.dwg



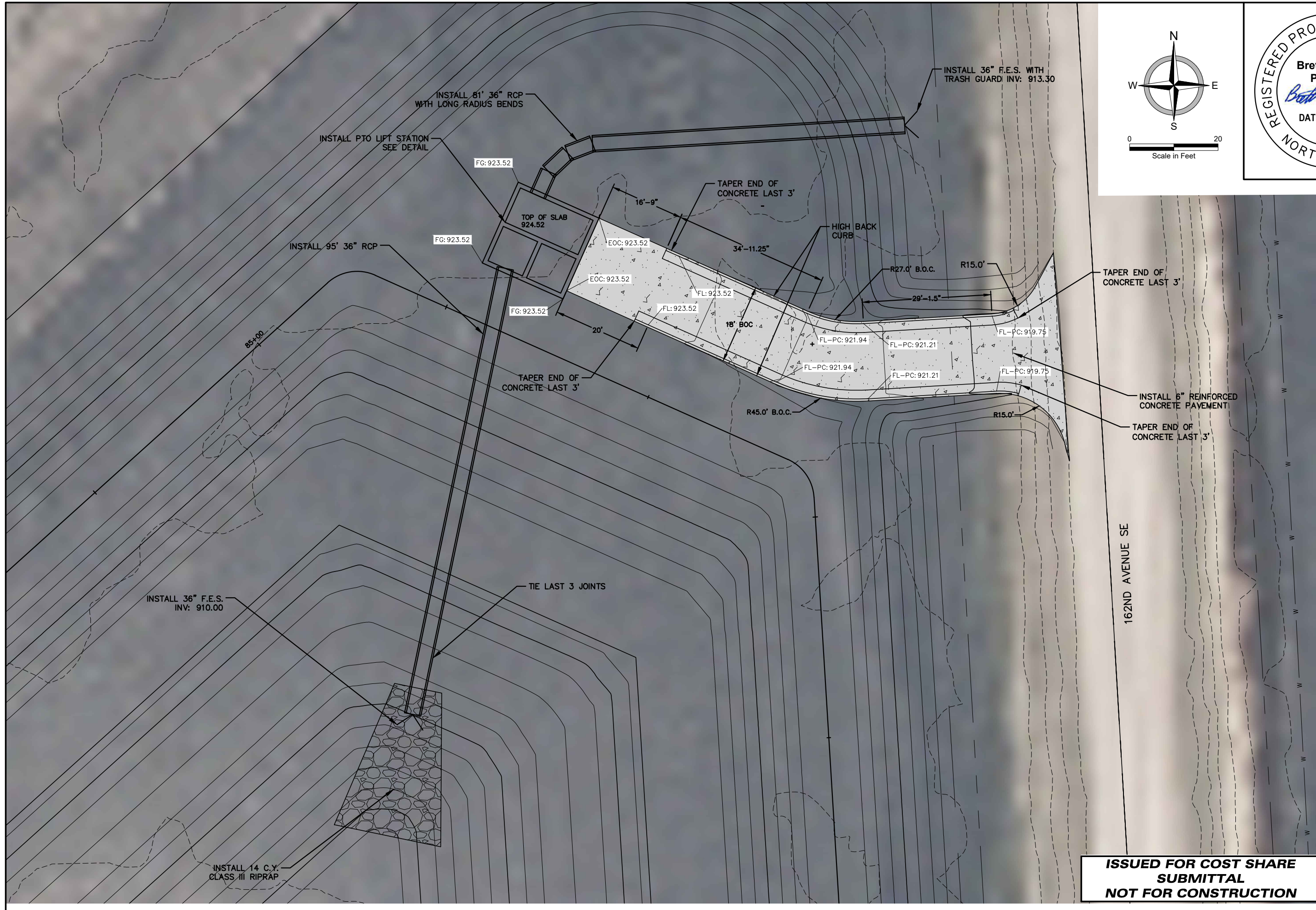
**ISSUED FOR COST SHARE  
SUBMITTAL  
NOT FOR CONSTRUCTION**

PLAN & PROFILE - UNDERGROUND  
DAVENPORT FLOOD RISK REDUCTION PROJECT  
DAVENPORT NORTH DAKOTA RING LEVEE  
DAVENPORT, NORTH DAKOTA  
LEVEE

DATE:	02.23.26
REVISED:	---
REVISED:	---
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REVISED:	---
RECORD:	---
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**C-404**

FILE LOCATION: R:\Projects\190000\19611\CIVIL\PRODUCTION\19611-PP.dwg



Scale in Feet  
0 20

REGISTERED PROFESSIONAL ENGINEER

**Brett O. Baily**  
PE-6087

*Brett O. Baily*

DATE: 02/23/26

NORTH DAKOTA

SITE PLANS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 LIFT STATION SITE GRADING

DATE:	02.23.26
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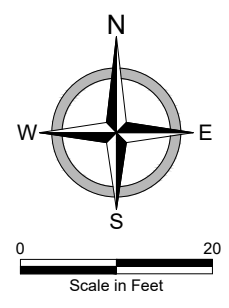
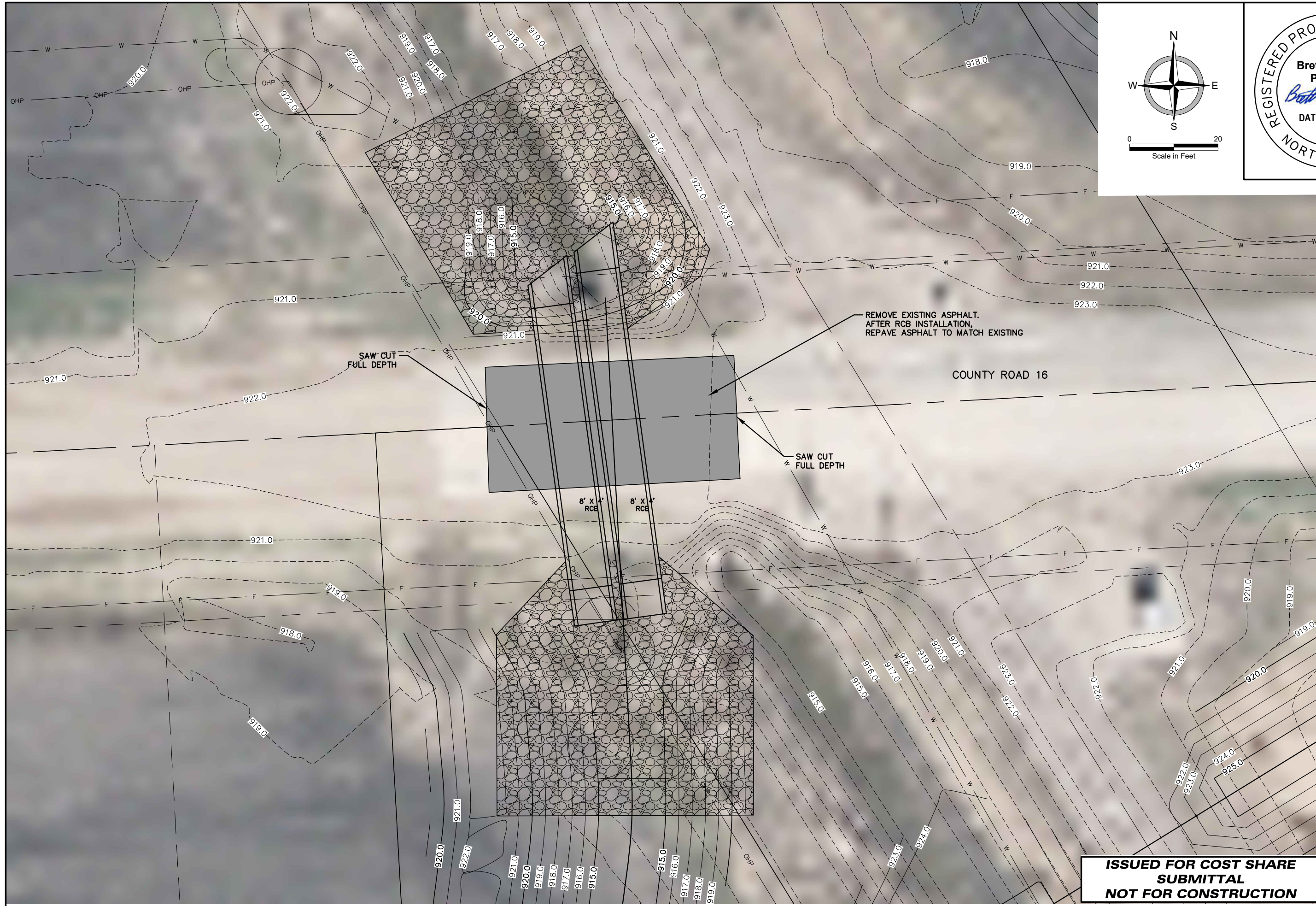
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
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NOT FOR CONSTRUCTION**

C-601

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NOT FOR CONSTRUCTION**

FILE LOCATION: R:\Projects\190000\196000\CIVIL\PRODUCTION\19611-PP.dwg



SITE PLANS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
**BOX CULVERT CROSSING PLAN**

DATE:	02.23.26
REVISED:	---
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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
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 NOT FOR CONSTRUCTION**

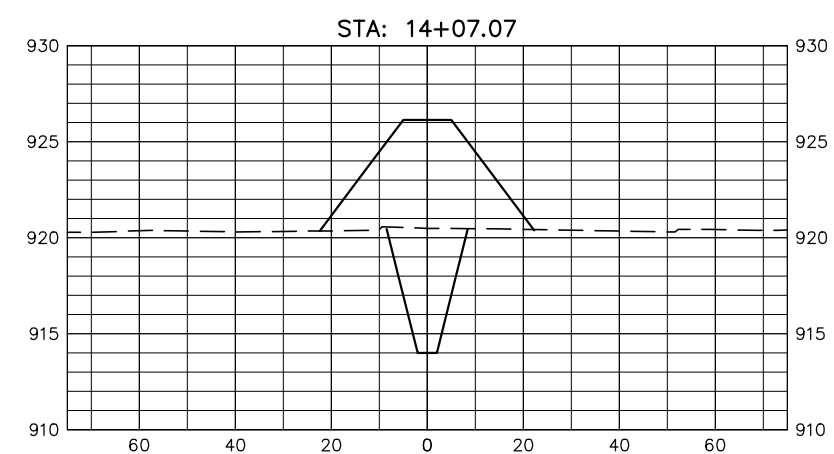
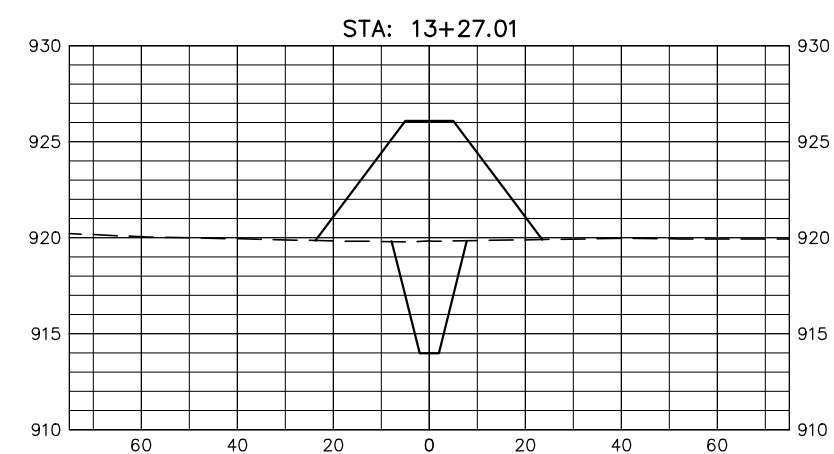
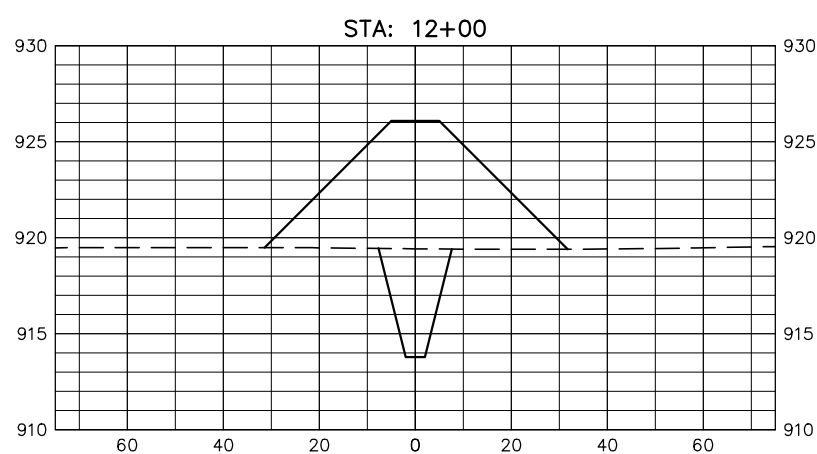
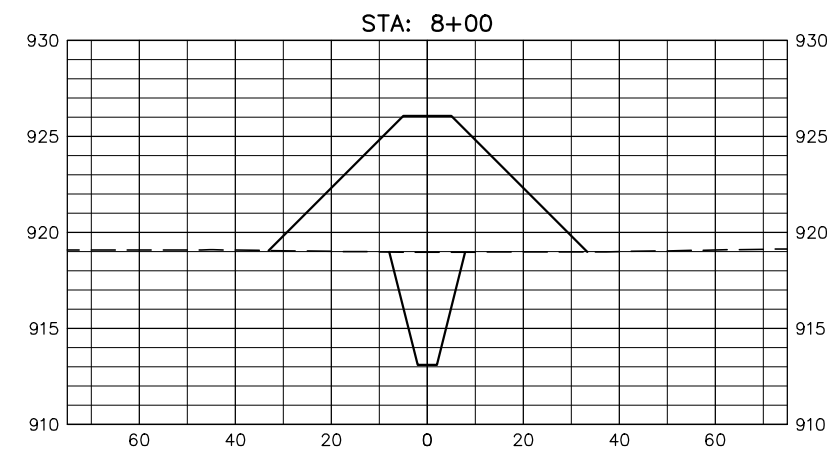
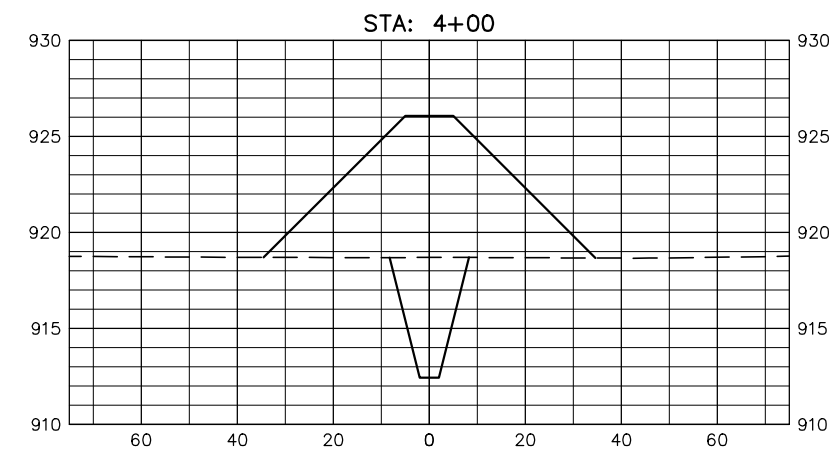
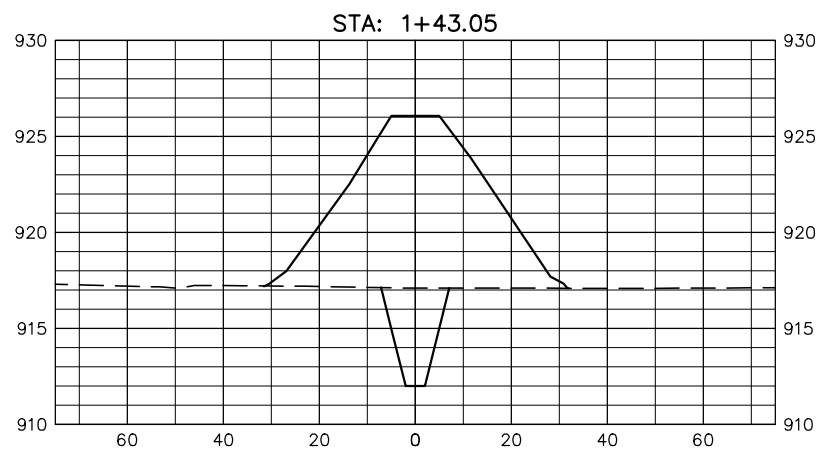
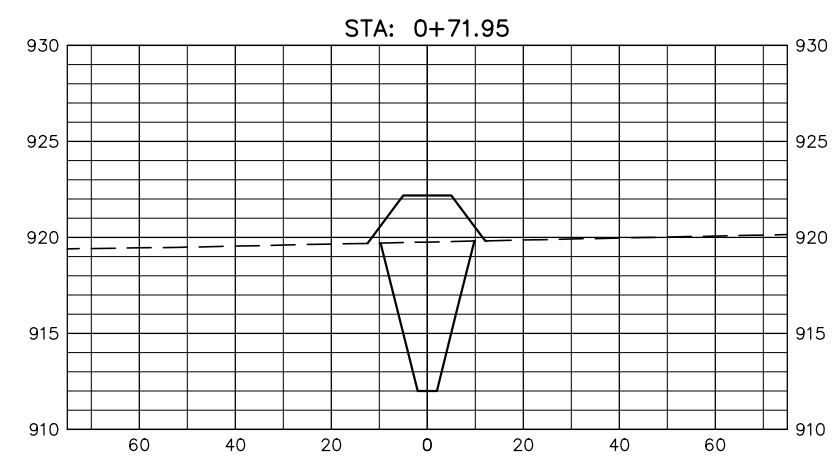
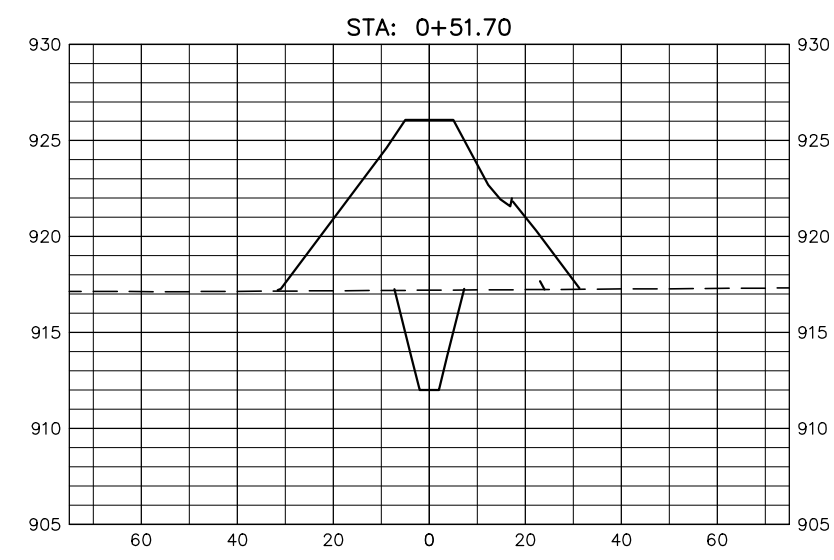
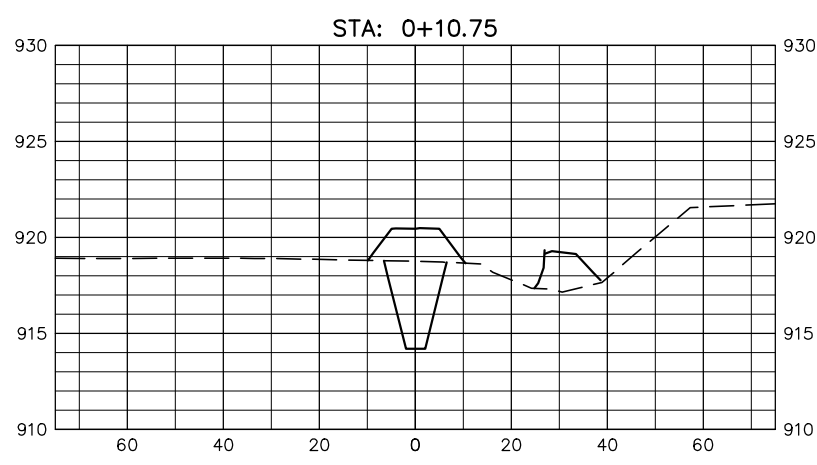
**C-602**

FILE LOCATION: R:\Projects\19000\19611\CIVIL\PRODUCTION\19611-SECTIONS.dwg



CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS

DATE:	02.23.26
REVISED:	---
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RECORD:	---
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG



**ISSUED FOR COST SHARE  
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 NOT FOR CONSTRUCTION**

**C-801**

FILE LOCATION: R:\Projects\19000\19611\CIVIL\PRODUCTION\19611-SECTIONS.dwg



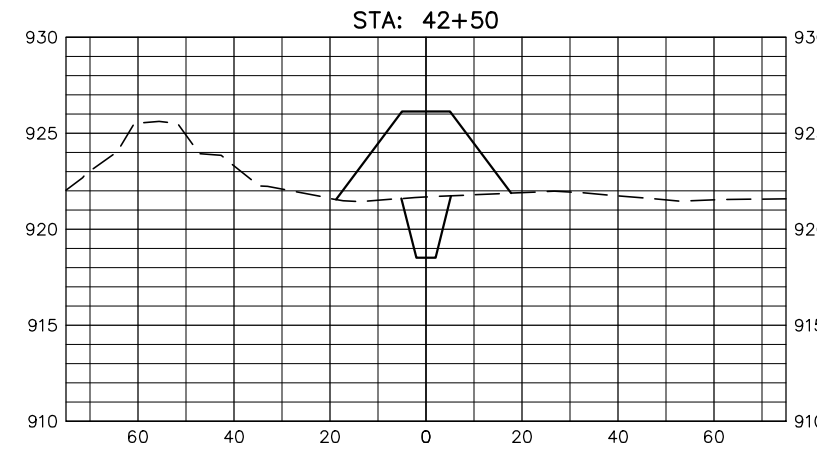
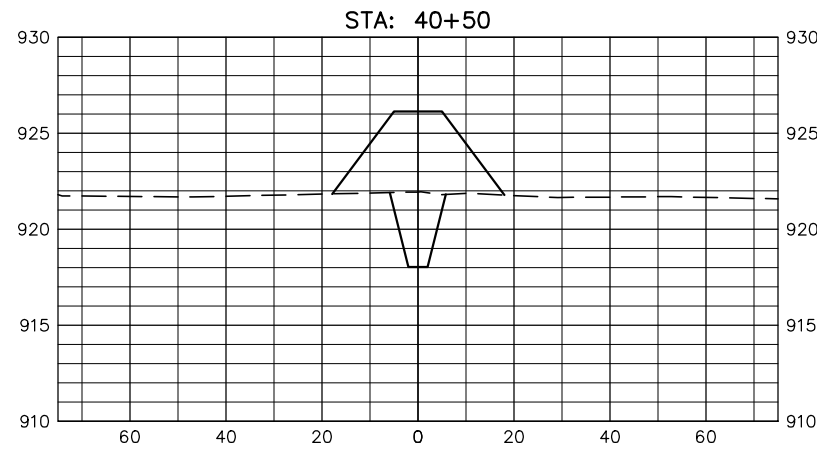
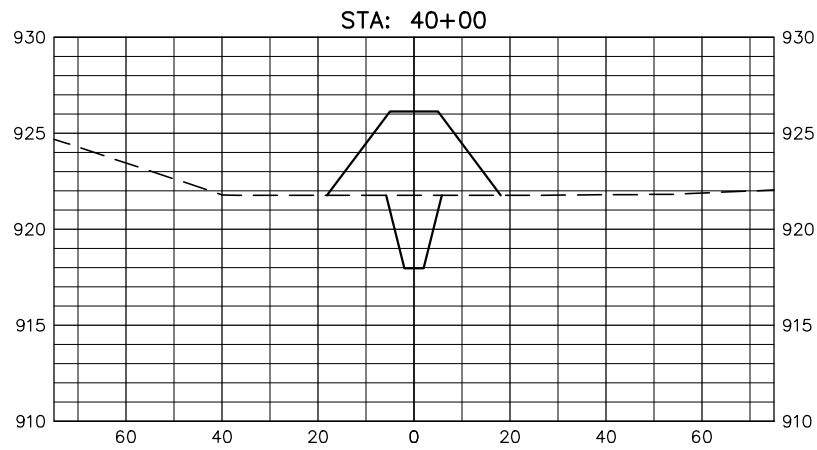
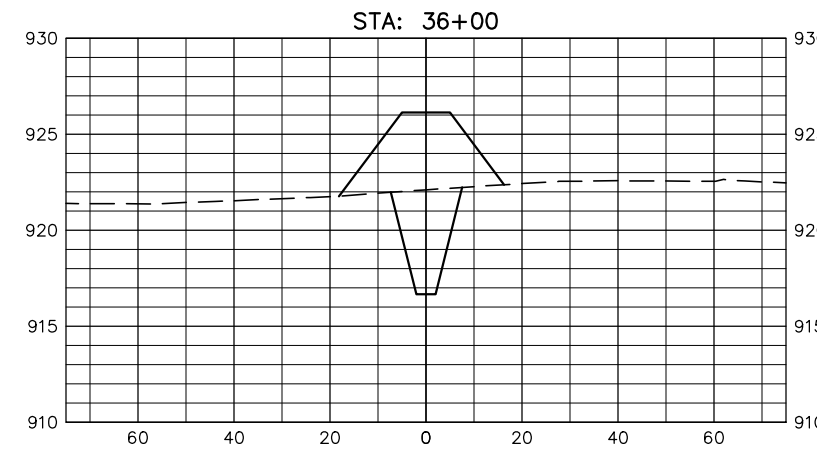
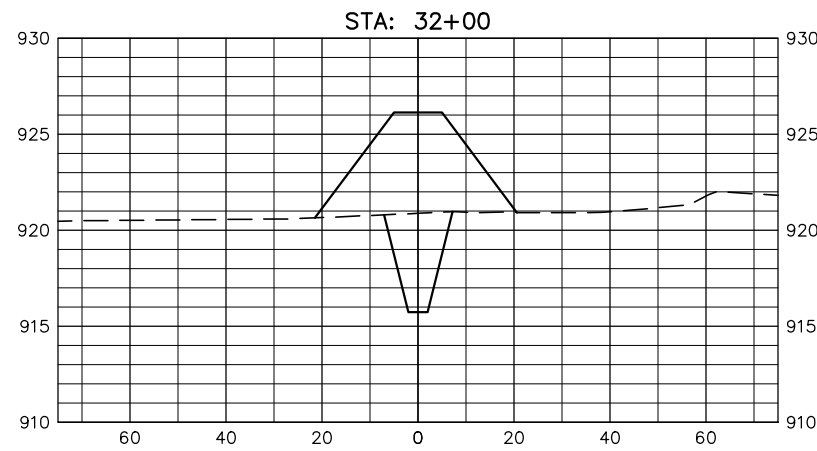
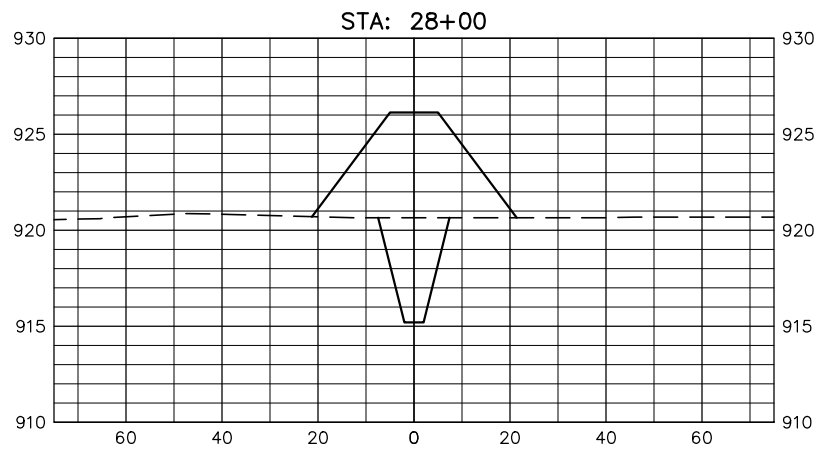
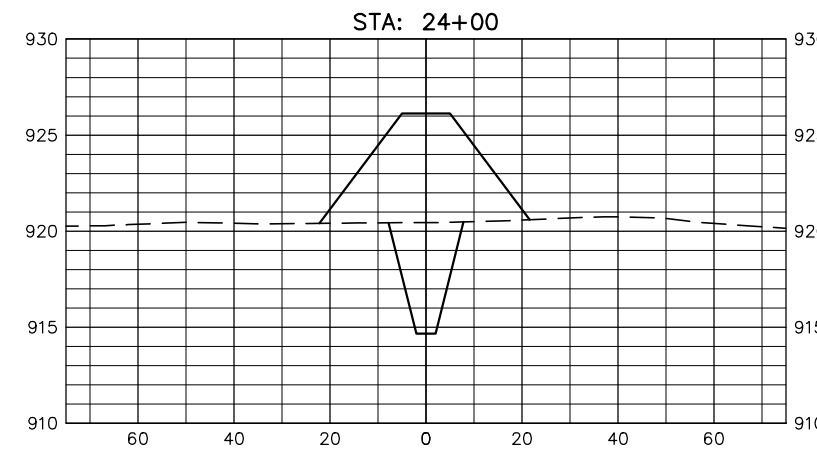
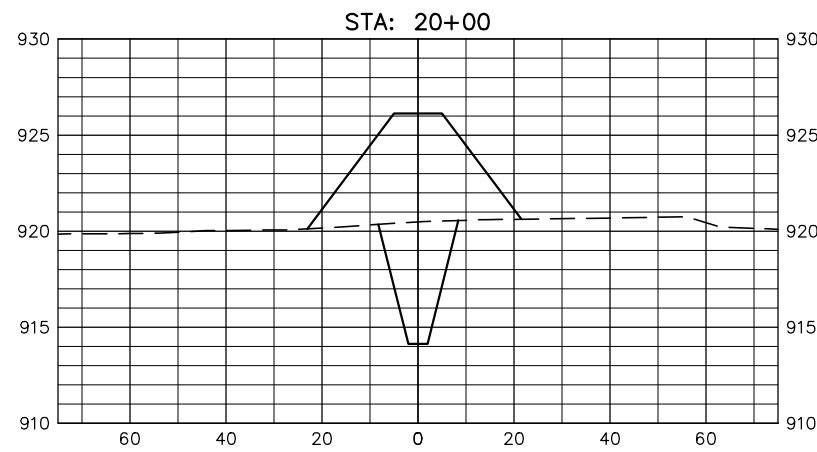
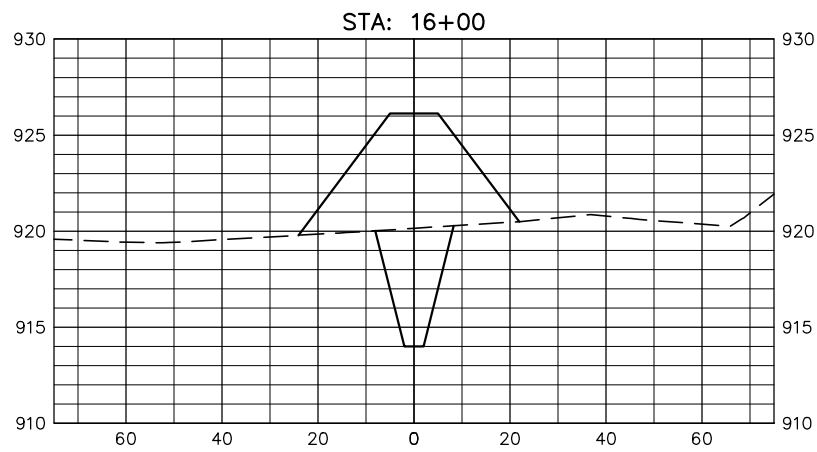
CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS

DATE:	02.23.26
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RECORD:	---

PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
 SUBMITTAL  
 NOT FOR CONSTRUCTION**

**C-802**



FILE LOCATION: R:\Projects\19000\19611\CIVIL\PRODUCTION\19611-SECTIONS.dwg

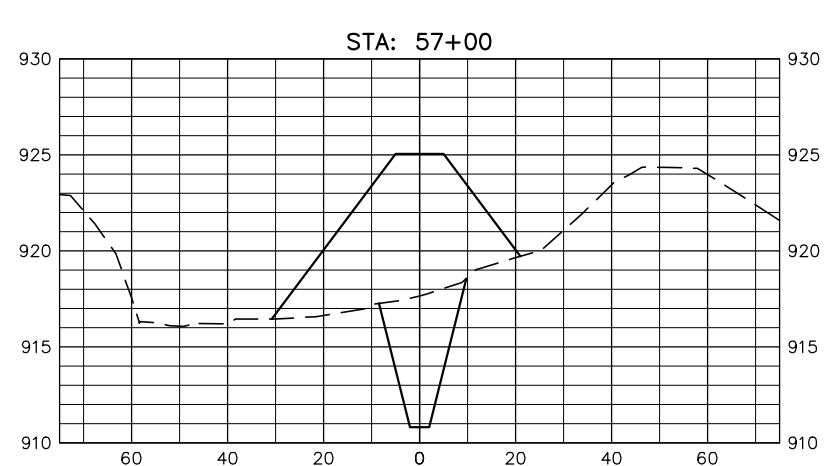
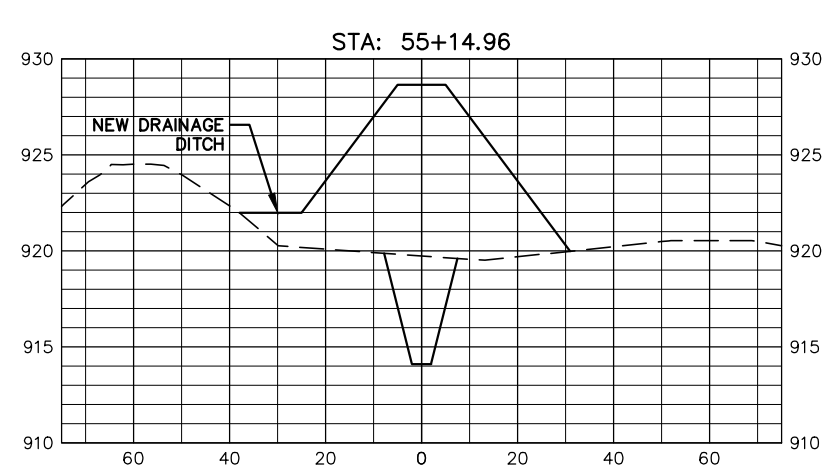
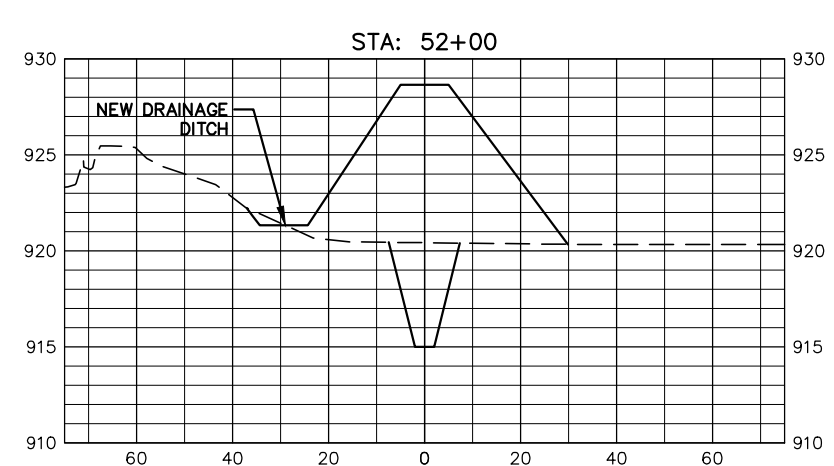
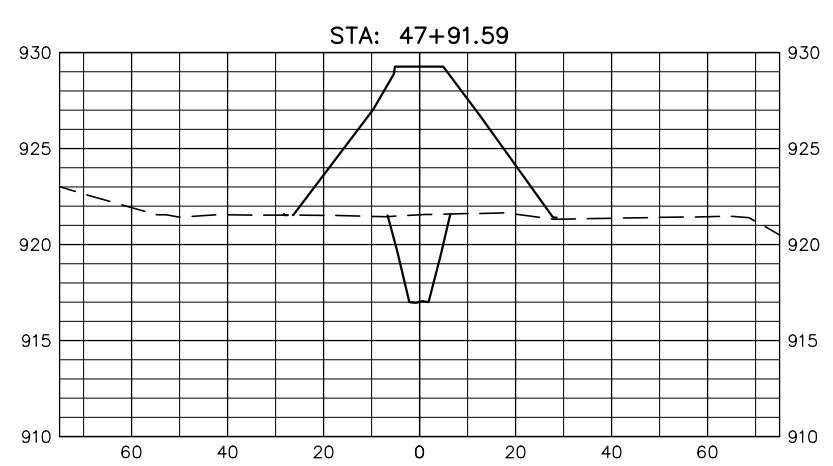
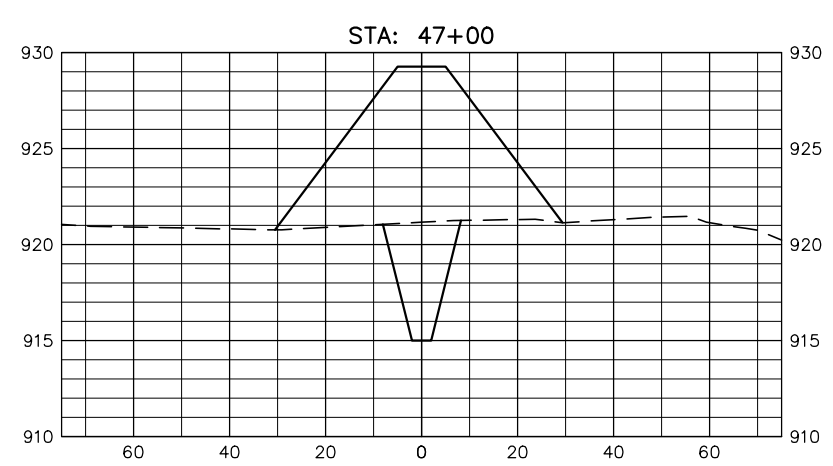
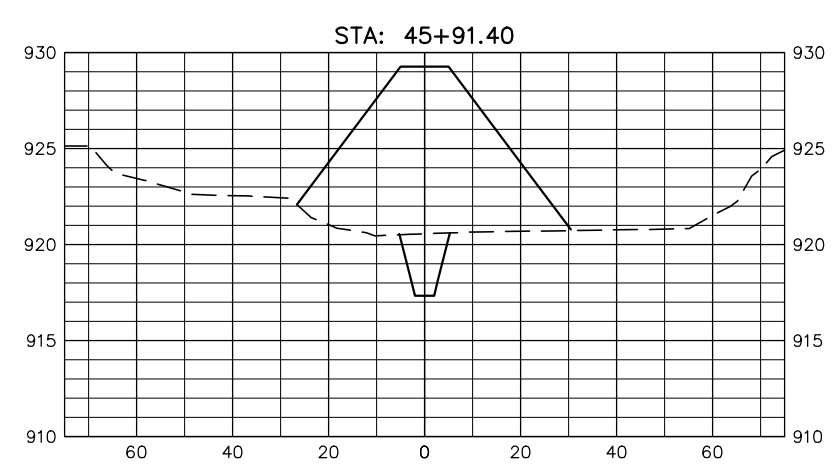
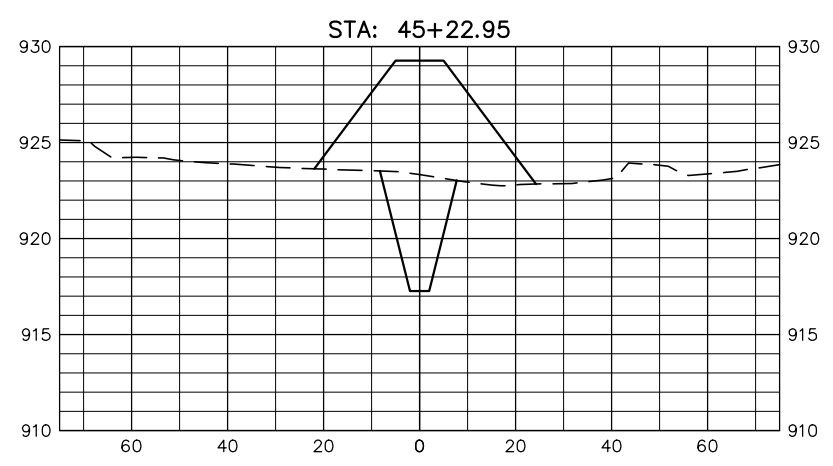
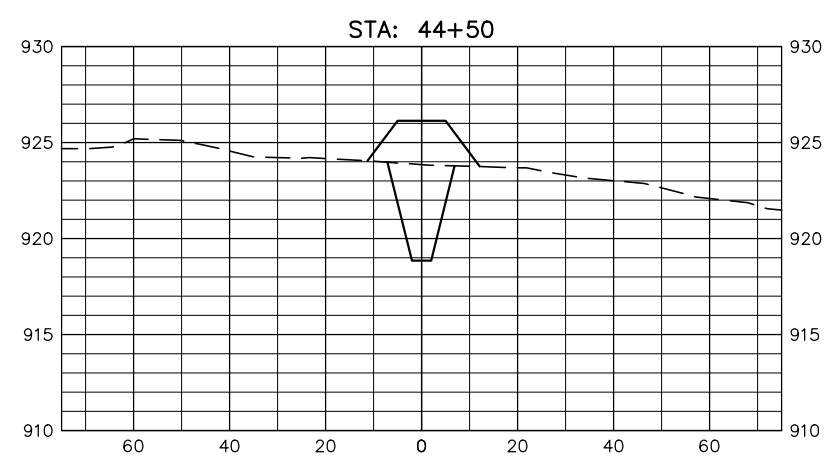
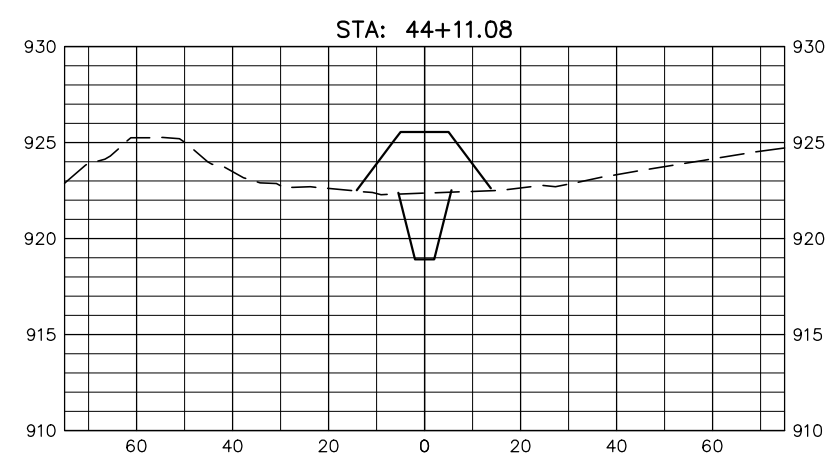


CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS

DATE:	02.23.26
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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
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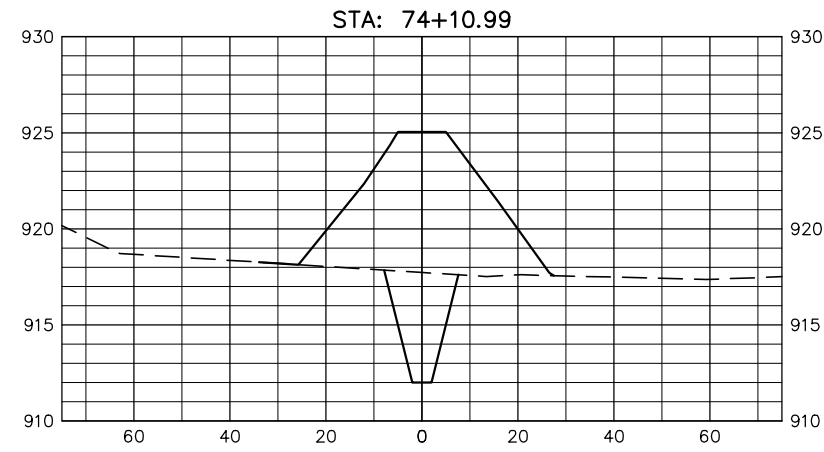
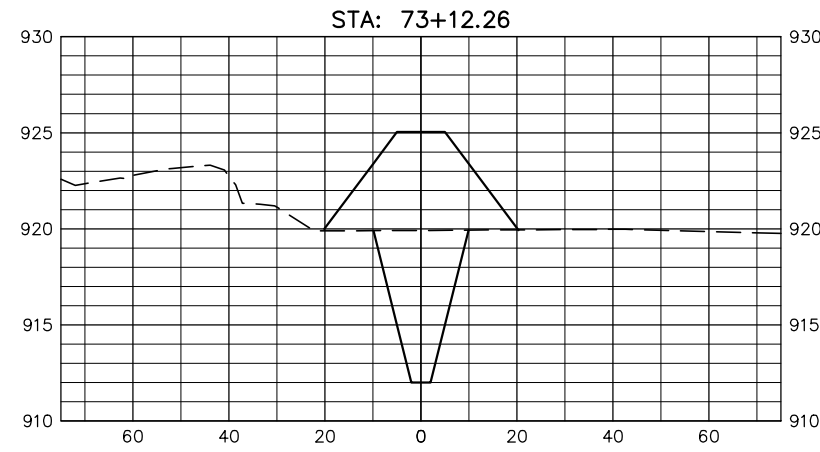
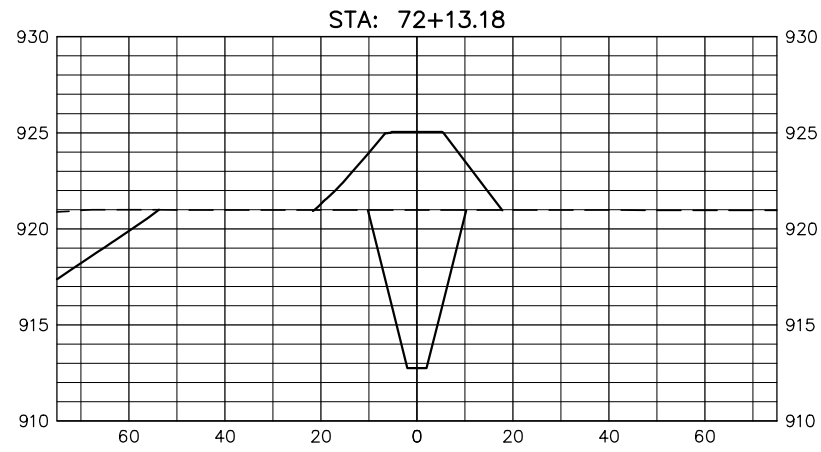
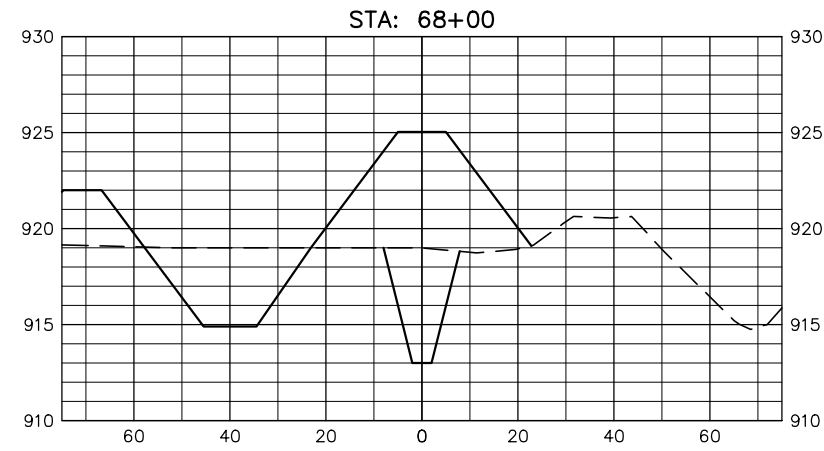
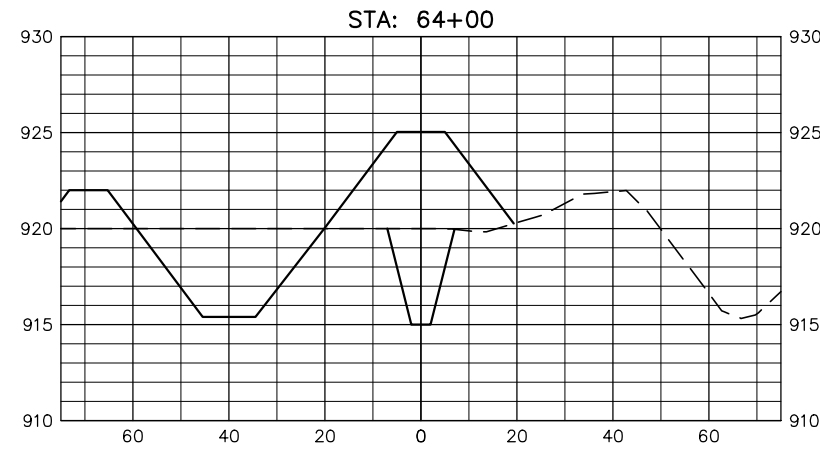
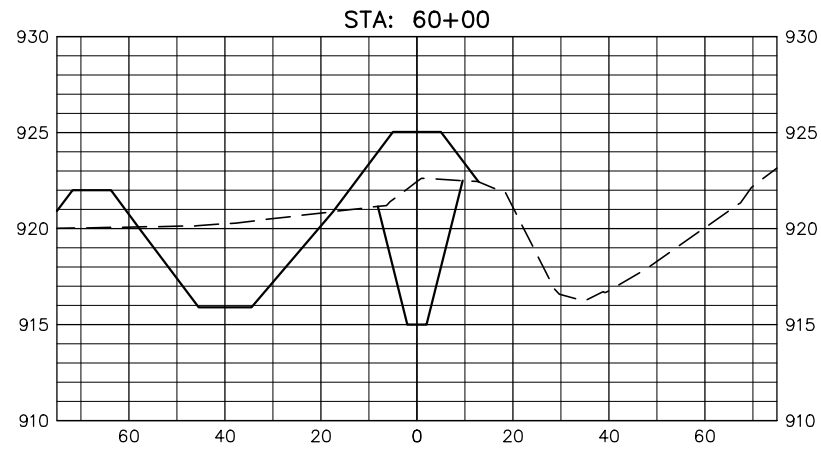
**C-803**



FILE LOCATION: R:\Projects\19000\19611\CIVIL\PRODUCTION\19611-SECTIONS.dwg



CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS



DATE:	02.23.26
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PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

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**C-804**

FILE LOCATION: R:\Projects\19000\1961\CIVIL\PRODUCTION\19611-SECTIONS.dwg



CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS

DATE:	02.23.26
REVISED:	---
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RECORD:	---
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**C-805**

**LEVEE EARTHWORK VOLUMES**

Station	Cut Area (Ft <sup>2</sup> )	Fill Area (Ft <sup>2</sup> )	Cut Vol (Yd <sup>3</sup> )	Fill Vol (Yd <sup>3</sup> )	Total Cut (Yd <sup>3</sup> )	Total Fill (Yd <sup>3</sup> )
0+10.75	0.00	44.73	0.00	0.00	0.00	0.00
0+51.70	0.00	312.66	0.00	256.57	0.00	256.57
0+71.95	0.00	41.80	0.00	132.89	0.00	389.46
1+43.05	0.00	308.16	0.00	460.81	0.00	850.27
4+00	0.00	292.11	0.00	2857.45	0.00	3707.72
8+00	0.00	271.43	0.00	4174.42	0.00	7882.14
12+00	0.00	243.74	0.00	3816.13	0.00	11698.27
13+27.01	0.00	179.79	0.00	996.21	0.00	12694.48
14+07.07	0.00	153.72	0.01	494.43	0.01	13188.91
16+00	0.00	167.64	0.01	1152.22	0.02	14341.13
20+00	0.00	154.44	0.00	2385.80	0.02	16726.93
24+00	0.00	152.92	0.00	2276.74	0.02	19003.68
28+00	0.00	144.72	0.00	2204.25	0.02	21207.92
32+00	0.00	136.69	0.00	2085.49	0.02	23293.42
36+00	0.00	89.40	0.00	1674.76	0.02	24968.18
40+00	0.00	100.62	0.00	1408.01	0.02	26376.19
40+50	0.00	97.09	0.00	183.05	0.02	26559.24
42+50	0.00	104.60	0.00	747.72	0.02	27306.96
44+11.08	0.00	61.63	0.00	495.85	0.02	27802.82
44+50	0.00	37.89	0.00	71.72	0.02	27874.53
45+22.95	0.00	169.62	0.00	285.77	0.02	28160.30
45+91.40	0.00	301.16	0.00	596.70	0.02	28756.99
47+00	0.00	281.74	0.00	1171.26	0.02	29928.25
47+91.59	0.00	241.05	0.00	886.81	0.02	30815.06
52+00	2.43	272.46	20.00	3874.37	20.01	34689.44
55+14.96	0.00	330.82	13.88	3519.20	33.90	38208.64
57+00	0.00	230.31	0.00	1923.99	33.90	40132.63
60+00	112.62	86.34	577.95	1729.02	611.85	41861.65
64+00	115.19	151.92	1687.50	1764.88	2299.35	43626.53
68+00	93.66	209.12	1547.01	2674.34	3846.36	46300.87

**LEVEE EARTHWORK VOLUMES**

Station	Cut Area (Ft <sup>2</sup> )	Fill Area (Ft <sup>2</sup> )	Cut Vol (Yd <sup>3</sup> )	Fill Vol (Yd <sup>3</sup> )	Total Cut (Yd <sup>3</sup> )	Total Fill (Yd <sup>3</sup> )
72+13.18	38.50	101.78	1196.91	2453.65	5043.26	48754.52
73+12.26	0.00	130.03	70.65	425.35	5113.92	49179.87
74+10.99	0.00	227.03	0.00	656.15	5113.92	49836.02

**POND EARTHWORK VOLUMES**

Volume Summary							
Name	Type	Cut Factor	Fill Factor	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
POND QUANTITIES	bounded	1.00	1.00	351917.50	85104.88	16901.30	68203.58<Cut>

Totals				
	2d Area (Sq. Ft.)	Cut (Cu. Yd.)	Fill (Cu. Yd.)	Net (Cu. Yd.)
Total	351917.50	85104.88	16901.30	68203.58<Cut>

\* Value adjusted by cut or fill factor other than 1.0

**NOTES:**

1. QUANTITIES SHOWN IN THE LEVEE EARTHWORK VOLUMES TABLE ARE FOR THE LEVEE ONLY FROM STATION 0+00 - 74+00 USING AVERAGE END METHOD..
2. QUANTITIES SHOWN IN THE POND EARTHWORK VOLUMES TABLE ARE FOR THE POND ONLY FROM STATION 74+00 - 93.98.33 USING SURFACE COMPARISON METHOD.

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**INSPECTION TRENCH EARTHWORK VOLUMES**

Station	Cut Area (Ft <sup>2</sup> )	Fill Area (Ft <sup>2</sup> )	Cut Vol (Yd <sup>3</sup> )	Fill Vol (Yd <sup>3</sup> )	Total Cut (Yd <sup>3</sup> )	Total Fill (Yd <sup>3</sup> )
1+43.05	46.56	0.00	0.00	0.00	0.00	0.00
4+00	64.32	0.00	527.62	0.00	527.62	0.00
8+00	58.00	0.00	906.08	0.00	1433.70	0.00
12+00	54.49	0.00	833.30	0.00	2267.00	0.00
13+27.01	57.18	0.00	262.68	0.00	2529.67	0.00
14+07.07	68.22	0.00	185.90	0.00	2715.58	0.00
16+00	62.35	0.00	466.39	0.00	3181.96	0.00
20+00	65.49	0.00	946.97	0.00	4128.93	0.00
24+00	56.54	0.00	903.98	0.00	5032.91	0.00
28+00	51.50	0.00	800.33	0.00	5833.24	0.00
32+00	47.06	0.00	730.03	0.00	6563.26	0.00
36+00	51.43	0.00	729.54	0.00	7292.81	0.00
40+00	29.61	0.00	600.23	0.00	7893.04	0.00
40+50	30.42	0.00	55.59	0.00	7948.63	0.00
42+50	22.57	0.00	196.26	0.00	8144.89	0.00
44+11.08	25.69	0.01	143.95	0.02	8288.84	0.03
44+50	45.15	0.00	51.05	0.01	8339.89	0.03
45+22.95	60.80	0.00	142.74	0.00	8482.63	0.03
45+91.40	23.32	0.00	106.62	0.00	8589.25	0.03
47+00	62.68	0.00	172.82	0.00	8762.07	0.03
47+91.59	38.51	0.00	171.67	0.00	8933.74	0.04
52+00	51.03	0.00	677.27	0.01	9611.01	0.05
55+14.96	54.27	0.00	614.15	0.00	10225.17	0.05
57+00	75.37	0.00	444.20	0.00	10669.37	0.05
60+00	79.45	0.00	860.94	0.00	11530.31	0.05
64+00	44.97	0.00	921.60	0.00	12451.91	0.05
68+00	59.23	0.00	771.86	0.00	13223.78	0.05
72+13.18	100.83	0.00	1224.82	0.00	14448.59	0.05
73+12.26	94.31	0.00	358.06	0.00	14806.66	0.05
74+10.99	55.71	0.00	274.21	0.00	15080.87	0.05
74+84.45	55.03	0.00	150.67	0.00	15231.53	0.05
76+00	58.98	0.00	243.91	0.00	15475.45	0.05
77+89.20	60.14	0.00	417.36	0.00	15892.80	0.05
84+00	57.28	0.00	1328.15	0.00	17220.95	0.05
88+00	60.06	0.00	869.13	0.00	18090.08	0.05
92+00	58.63	0.00	879.16	0.00	18969.23	0.05
92+75	24.53	0.00	115.51	0.00	19084.75	0.05
93+37.18	17.01	0.00	47.83	0.00	19132.57	0.05
93+87.19	26.69	0.00	40.47	0.00	19173.04	0.05



CROSS SECTIONS  
 DAVENPORT FLOOD RISK REDUCTION PROJECT  
 DAVENPORT NORTH DAKOTA RING LEVEE  
 DAVENPORT, NORTH DAKOTA  
 CROSS SECTIONS

DATE:	02.23.26
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
REVISED:	---
RECORD:	---
PROJECT No.	19611
MANAGER:	KRL
DESIGNER:	BOB
DRAFTER:	RJK
REVIEWER:	JAG

**ISSUED FOR COST SHARE  
 SUBMITTAL  
 NOT FOR CONSTRUCTION**

**C-806**

Water Development Plan: Not Included

# 1088083 - Mann's Dam

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 24, 2026 4:00 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Kristopher Keller
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Mr. Kristopher  
Salutation First Name

Middle Name Keller  
Last Name

**Title:**

**Email\*:**  
kristopher.keller@dickinsongov.com

**Address\*:** 38 1st Street W

### Organization Information

**Status\*:** Approved

**Name\*:** City of Dickinson

**Organization Type\*:** Political Subdivision

**Tax Id:** 45-6002055

**Organization Website:** <http://www.dickinsongov.com/>

**Address\*:** 38 1st Street W

	Dickinson North Dakota	Dickinson North Dakota
	City State/Province	City State/Province
58601		58601-____
Postal Code/Zip		Postal Code/Zip
<b>Phone*:</b>	701-456-7768 Ext.	<b>Phone*:</b> (701) 456-7715 Ext.
	Phone	###-###-####
	###-###-####	<b>Fax:</b> (701) 456-7723
<b>Fax:</b>	###-###-####	###-###-####
<b>Comments:</b>		<b>Vendor ID:</b>
		<b>PeopleSoft Supplier ID:</b> 0000000952
		<b>Comments:</b>
		<b>Location Code:</b> ALL
		<b>SAM UEI #:</b>
		<b>SAM Validation:</b>
		<b>SAM Expiration Date:</b>
		<b>SAM Exclusion Flag:</b>
		<b>SAM Last Updated:</b>

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** Mann's Dam Modification

**Sponsor(s)\*:** City of Dickinson

**County\*:** Stark

**City\*:** Dickinson

**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 Dickinson  
Stark County  
Stark County Water Resource Board  
Dickinson Parks and Recreation  
US Department of Interior - Bureau of Reclamation  
Stark County Parks and Recreation  
ND Game and Fish  
Private Land Owner

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

The Manns Dam is a low-head dam on the Heart River on the southwest side of the City of Dickinson, downstream of the larger Dickinson and Queen City Dams. The dam, constructed in 1930 with repair work completed in 1973, is currently located on property owned by Dickinson Parks and Recreation and a private landowner. The dam can produce a dangerous recirculating current downstream of the dam known as a "drowning machine". Based on the most recent NDDWR inspection report, the dam is currently in very poor condition. The City of Dickinson would like to eliminate the dangerous recirculating hydraulic roller below the dam and mitigate the structural problems with the dam. A feasibility study and alternatives assessment has identified the preferred alternative to be implemented. The preferred alternative was selected after a public input meeting and discussions with the stake holders. The public meeting was held on December 3, 2025, at the WRCC. Design and Permitting are now required.

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

The selected alternative addresses the low-head dam risk by removing the dam and replacing it with a rock riffle spillway upstream of the current location. The rock riffle design eliminates the roller effect and creates a gradual slope that dissipates energy. The design also includes channel stabilization, riprap/rock sizing based on hydraulic modeling and velocity analysis, scour protection near the

pedestrian/golf cart bridge, western slope stabilization, a low-level drawdown structure, and site restoration. Together, these measures are intended to improve hydraulic safety, stabilize the channel, and maintain river function while eliminating the hazardous dam condition.

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

The objective is to remove the existing Manns Dam & replace it with an upstream rock riffle spillway that eliminates dangerous low-head dam conditions while preserving the functional pool elevation requested by US BoR. The project also relocates the structure away from existing private property constraints and places the new structure within a more manageable footprint. Supporting goals include stabilizing disturbed banks and the western slope, protecting the channel through properly sized rock riffles and riprap, mitigating impact to the pedestrian bridge, and incorporating a drawdown structure for operational needs. These actions are intended to reduce public safety risk, maintain required upstream water conditions, limit impacts to adjacent public and private property,

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

The work to complete this portion of the project includes field investigations, final design, permitting and other support activities. Field work includes wetland delineation, geotechnical borings and testing, surveying, and existing conditions mapping. Hydraulic modeling, no-rise analysis, slope stabilization, channel stabilization, drawdown piping & valves, drawings & specifications, engineer's opinion of cost are part of the design work. The permitting matrix for the demolition and construction of the rock riffle structure will also be supported. Other support activities include right-of-way exhibits and project management.

For this project,

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

**What is the Current Estimated Population?\*** 25697

For this project,

**What is the Benefited Population?\*** 38000

**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?\***: No

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

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

Federal permit application are part of the project requirement and included in the request.

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

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

State permit applications are part of the project requirement and included in the request.

**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\*:** 03-13-2026

**Design Completion\*:** 04-30-2027

**Bid\*:** N/A

**Construction Start\*:** N/A

**Construction Completion\*:** N/A

**Explain Additional Timeline**

**Issues\*:**

none anticipated

**Consulting Engineer\*:** Barr Engineering Co.

**Engineer Direct Phone Number\*:** 952-832-2750

**Engineer Email\*:** jkoehler@barr.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\*:** Kristopher Keller 04/24/2026

First Name Last Name Date

**Title/Position/Authority\*:** Senior Engineer

**Address\*:** 38 1st St W  
 Address Line 1  
 Address Line 2  
 Dickinson North Dakota 58601-0000  
 City State Zip Code

**Direct Phone Number\*:** 701-456-7720

**Sponsor Email\*:** kristopher.keller@dickinsongov.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:** Scott Decker  
 First Name Last Name

**Authorized Signor Title/Position:** Mayor

**Authorized Signor Email:** scott.decker@dickinsongov.com

**Authorized Signor Direct Phone Number:** 701-456-7744

**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** Figure01 Manns Dam.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:** Manns Dam\_Info.pptx

**Cover Letter:**

202508 - Manns Dam - ND DWR Cost Share - Cover Letter - 04202026.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:**

202508 - Manns Dam - ND DWR - SFN61801\_Delineation of Cost - 04242026.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?:** 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:** 202508 - Manns Dam - Barr - 30 Design Memo.pdf

**Photos of Problem/Issue:** Manns Dam\_Info\_Pictures.pptx

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

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

**Other Applicable Document:**

202805 - Manns Dam Project - Letter of Support - 04212026\_signed.pdf

**Other Applicable Document:**

202508 - Manns Dam Risk Mitigation - Barr - Final Design Proposal 04222026.pdf

**Other Applicable Document:** MannsDam\_NDDWR\_InspectionReport\_2018.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			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Pre-Construction		Current Request	\$0.00	\$351,080.00	\$0.00	\$351,080.00	Grant	0.00	0.00
Other	City Funds	Future Request	\$0.00	\$117,027.00	\$0.00	\$117,027.00		0.00	0.00
			<b>\$0.00</b>	<b>\$468,107.00</b>	<b>\$0.00</b>	<b>\$468,107.00</b>			



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

Sponsor requested: entire project to be eligible at 75%.

DWR Date Received : April 24, 2026

Date :	4/24/26
Project :	Manns Dam Modification
Sponsor :	City of Dickinson
Contact :	Kristopher Keller, Senior Engineer
Phone :	701.456.7768
Engineer :	Jennifer Koehler, Barr Engineering
Phone :	952.832.2750

Total Cost :	\$ 401,617.00	Total Cost-Share* :	\$ 301,212.75
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 401,617.00	Preconstruction :	\$ 301,212.75
Local Cost :	\$ 100,404.25	Construction :	\$ -

<b>Project Type:</b>	<b>Cost-share %</b>
Dam - Low Head Roller Effect Mitigation	75%

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		-	\$ -	75%	\$ -	
2	0.0%		0		-	\$ -	75%	\$ -	
3	0.0%		0		-	\$ -	75%	\$ -	
4	0.0%		0		-	\$ -	75%	\$ -	
5	0.0%		0		-	\$ -	75%	\$ -	
	0.0%	<b>Other Eligible Total</b>				\$ -	75%	\$ -	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	100.0%	Final Design	1		401,617.00	\$ 401,617.00	75%	\$ 301,212.75	
7	0.0%		0		-	\$ -	75%	\$ -	
8	0.0%		0		-	\$ -	75%	\$ -	
9	0.0%		0		-	\$ -	75%	\$ -	
10	0.0%		0		-	\$ -	75%	\$ -	
	100.0%	<b>Preconstruction Total</b>				\$ 401,617.00	75%	\$ 301,212.75	
<b>Construction Engineering Costs</b>									
11	0.0%		0		-	\$ -	75%	\$ -	
12	0.0%		0		-	\$ -	75%	\$ -	
13	0.0%		0		-	\$ -	75%	\$ -	
14	0.0%		0		-	\$ -	75%	\$ -	
	0.0%	<b>Construction Engineering Total</b>				\$ -	75%	\$ -	
<b>Construction Costs</b>									
15	0.0%	Mobilization	0	LS	-	\$ -	75%	\$ -	
16	0.0%	Bonding	0		-	\$ -	75%	\$ -	
17	0.0%	Insurance	0		-	\$ -	75%	\$ -	
18	0.0%		0		-	\$ -	75%	\$ -	
19	0.0%		0		-	\$ -	75%	\$ -	
20	0.0%		0		-	\$ -	75%	\$ -	
21	0.0%		0		-	\$ -	75%	\$ -	
22	0.0%		0		-	\$ -	75%	\$ -	
23	0.0%		0		-	\$ -	75%	\$ -	
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%	\$ -	
		<b>Construction Sub-Total</b>				\$ -	75%	\$ -	
	0.0%	<b>Allowable Contingency (10%)</b>				\$ -	75%	\$ -	
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	75%	\$ -	
	0.0%	<b>Construction Total</b>				\$ -	75%	\$ -	
						Eligible Preconstruction	\$ 401,617.00	75%	\$ 301,212.75
						Eligible Construction	\$ -	75%	\$ -
						<b>Eligible Total</b>	\$ 401,617.00	75%	\$ 301,212.75
<b>Ineligible Preconstruction Costs</b>									
37	0.0%		0		-	\$ -	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	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%	\$ -	
						<b>Ineligible Total</b>	\$ -	0%	\$ -
100.0%		<b>Project Total</b>				\$ 401,617.00			
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 401,617.00	75%	\$ 301,212.75

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

Recommended for consideration per cost-share policy:  
Two cost-share percentages.



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

DWR Date Received : May 07, 2026

<b>Date :</b>	5/6/26
<b>Project :</b>	Manns Dam Final Design
<b>Sponsor :</b>	City of Dickinson
<b>Contact :</b>	Kristopher Keller, Senior Engineer
<b>Phone :</b>	701.456.7768
<b>Engineer :</b>	Jennifer Koehler, Barr Engineering
<b>Phone :</b>	952.832.2750

<b>Total Cost :</b>	\$ 413,107.00	<b>Total Cost-Share* :</b>	\$ 253,244.55
<b>Ineligible Cost :</b>	\$ 11,490.00	<b>Other Eligible :</b>	\$ -
<b>Eligible Cost :</b>	\$ 401,617.00	<b>Preconstruction :</b>	\$ 253,244.55
<b>Local Cost :</b>	\$ 159,862.45	<b>Construction :</b>	\$ -

Project Types:	Cost-share %
Dam - Low Head Roller Effect Mitigation	75%
Recreation	40%

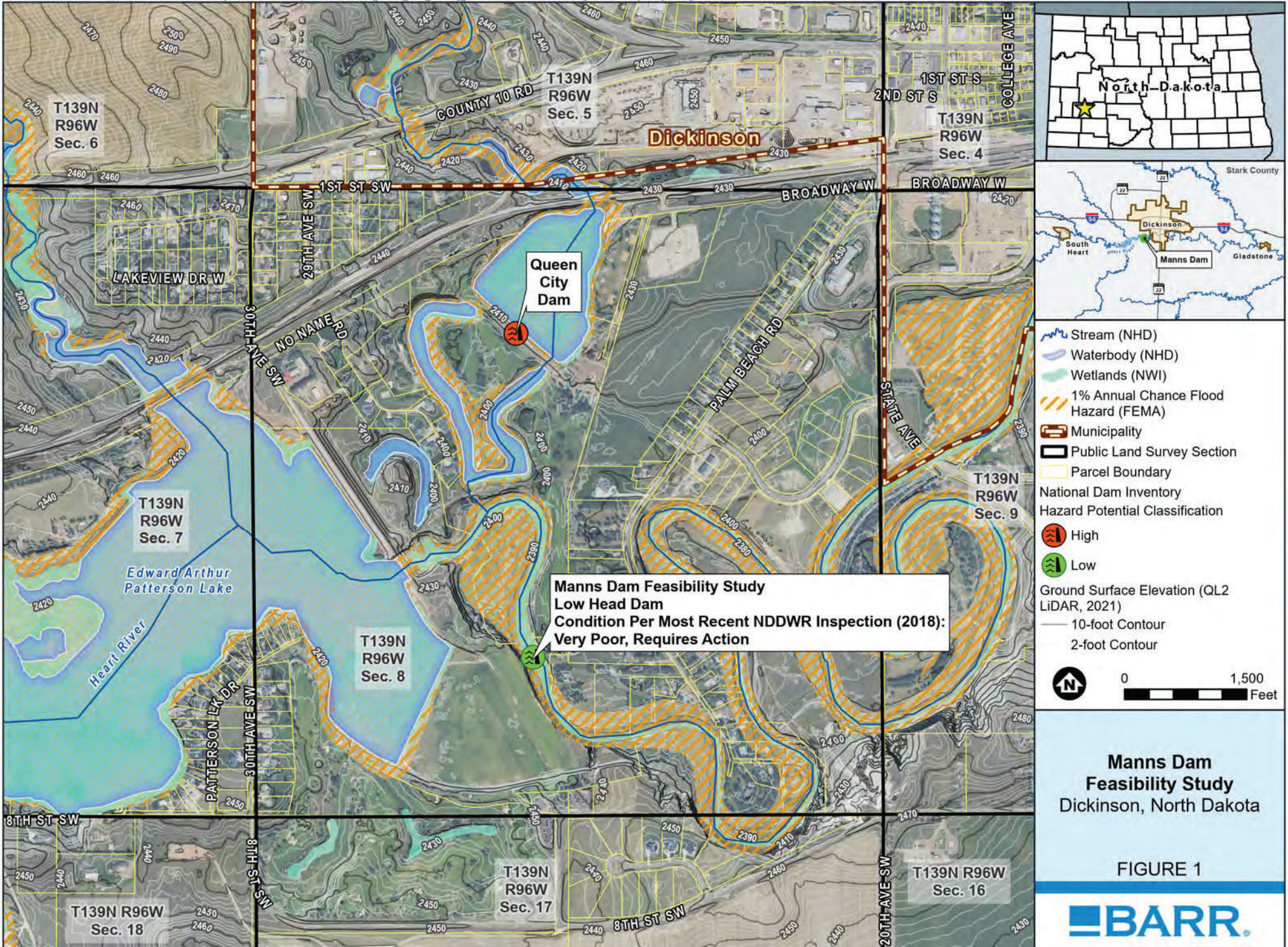
Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$	
<b>BAIA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>									
1	0.0%		0		-	\$ -		\$ -	
2	0.0%		0		-	\$ -		\$ -	
3	0.0%		0		-	\$ -		\$ -	
4	0.0%		0		-	\$ -		\$ -	
5	0.0%		0		-	\$ -		\$ -	
	0.0%	<b>Other Eligible Total</b>				\$ -		\$ -	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	64.0%	Final Design & Permitting - Dam Removal	1		264,565.00	\$ 264,565.00	75%	\$ 198,423.75	
7	33.2%	Final Design & Permitting - Rock Riffle Structure	1		137,052.00	\$ 137,052.00	40%	\$ 54,820.80	
8	0.0%		0		-	\$ -		\$ -	
9	0.0%		0		-	\$ -		\$ -	
10	0.0%		0		-	\$ -		\$ -	
	97.2%	<b>Preconstruction Total</b>				\$ 401,617.00	75%/40%	\$ 253,244.55	
<b>Construction Engineering Costs</b>									
11	0.0%		0		-	\$ -		\$ -	
12	0.0%		0		-	\$ -		\$ -	
13	0.0%		0		-	\$ -		\$ -	
14	0.0%		0		-	\$ -		\$ -	
	0.0%	<b>Construction Engineering Total</b>				\$ -		\$ -	
<b>Construction Costs</b>									
15	0.0%	Mobilization	0	LS	-	\$ -		\$ -	
16	0.0%	Bonding	0		-	\$ -		\$ -	
17	0.0%	Insurance	0		-	\$ -		\$ -	
18	0.0%		0		-	\$ -		\$ -	
19	0.0%		0		-	\$ -		\$ -	
20	0.0%		0		-	\$ -		\$ -	
21	0.0%		0		-	\$ -		\$ -	
22	0.0%		0		-	\$ -		\$ -	
23	0.0%		0		-	\$ -		\$ -	
24	0.0%		0		-	\$ -		\$ -	
25	0.0%		0		-	\$ -		\$ -	
26	0.0%		0		-	\$ -		\$ -	
27	0.0%		0		-	\$ -		\$ -	
28	0.0%		0		-	\$ -		\$ -	
29	0.0%		0		-	\$ -		\$ -	
30	0.0%		0		-	\$ -		\$ -	
31	0.0%		0		-	\$ -		\$ -	
32	0.0%		0		-	\$ -		\$ -	
33	0.0%		0		-	\$ -		\$ -	
34	0.0%		0		-	\$ -		\$ -	
35	0.0%		0		-	\$ -		\$ -	
36	0.0%		0		-	\$ -		\$ -	
		<b>Construction Sub-Total</b>				\$ -		\$ -	
	0.0%	<b>Allowable Contingency (10%)</b>				\$ -		\$ -	
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -		\$ -	
	0.0%	<b>Construction Total</b>				\$ -		\$ -	
						Eligible Preconstruction	\$ 401,617.00	75%/40%	\$ 253,244.55
						Eligible Construction	\$ -		\$ -
						<b>Eligible Total</b>	\$ 401,617.00	75%/40%	\$ 253,244.55
<b>Ineligible Preconstruction Costs</b>									
37	2.8%	Pedestrian Bridge	1		11,490.00	\$ 11,490.00	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	2.8%	<b>Preconstruction Ineligible Total</b>				\$ 11,490.00	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%	\$ -	
						<b>Ineligible Total</b>	\$ 11,490.00	0%	\$ -
						<b>Project Total</b>	\$ 413,107.00		\$ -
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		\$ -
						<b>Eligible Cost Total</b>	\$ 401,617.00	75%/40%	\$ 253,244.55

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



Project Name: Manns Dam Final Design  
 Client Name: City of Dickinson  
 Date: 5/6/2026

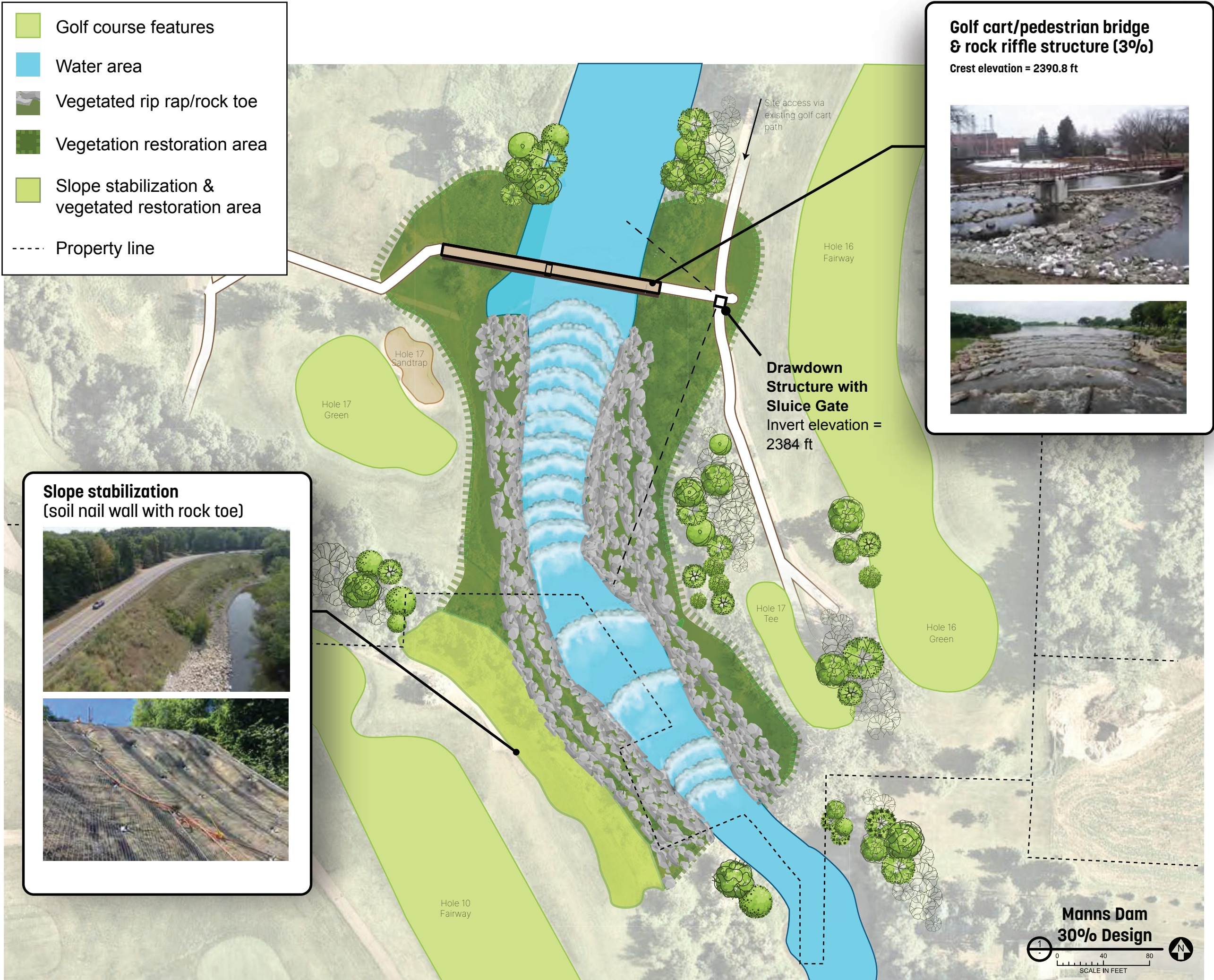
	Dam Removal & Slope Stabilization Design					Rock Riffle and Bridge Design				
	Labor Hours	Labor Costs	Expenses	Sub-Contractor Total	Project Total	Labor Hours	Labor Costs	Expenses	Sub-Contractor Total	Project Total
<b>Project Management</b>										
Biweekly Update (10 months)	12.0	\$ 2,520	\$ -	\$ -	\$ 2,520	8.0	\$ 1,680	\$ -	\$ -	\$ 1,680
Monthly check-in meetings (10 months)	24.0	\$ 5,082	\$ -	\$ -	\$ 5,082	16.0	\$ 3,388	\$ -	\$ -	\$ 3,388
Invoicing (10 months)	14.4	\$ 2,496	\$ -	\$ -	\$ 2,496	9.6	\$ 1,664	\$ -	\$ -	\$ 1,664
Other PM tasks	50.0	\$ 10,600	\$ -	\$ -	\$ 10,600	0.0	\$ -	\$ -	\$ -	\$ -
	<b>100.4</b>	<b>\$ 20,698</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 20,698</b>	<b>33.6</b>	<b>\$ 6,732</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,732</b>
<b>Field Investigations</b>										
	0	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	\$ -
Wetland Delineation & Reporting	71.0	\$ 10,020	\$ 544.60	\$ -	\$ 10,595	0.0	\$ -	\$ -	\$ -	\$ -
Geotechnical Investigations & Reporting	58.6	\$ 8,448	\$ 1,555.00	\$ 28,380	\$ 38,383	38.4	\$ 5,472	\$ -	\$ 18,920	\$ 24,392
Site Survey & Existing Basemap Update	21.0	\$ 3,300	\$ -	\$ 13,200	\$ 16,500	0.0	\$ -	\$ -	\$ -	\$ -
	<b>150.6</b>	<b>\$ 21,768</b>	<b>\$ 2,100</b>	<b>\$ 41,580</b>	<b>\$ 65,478</b>	<b>38.4</b>	<b>\$ 5,472</b>	<b>\$ -</b>	<b>\$ 18,920</b>	<b>\$ 24,392</b>
<b>Final Design</b>										
	0	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	\$ -
2D Hydraulic Modeling & Scour Analysis (65% 95% Final)	66.0	\$ 9,840	\$ -	\$ -	\$ 9,840	40.0	\$ 5,680	\$ -	\$ -	\$ 5,680
1D Hydraulic Modeling No Rise (65%)	0.0	\$ -	\$ -	\$ -	\$ -	38.0	\$ 6,000	\$ -	\$ -	\$ 6,000
Hydraulic Memos (2D & 1D/NoRise)	42.0	\$ 6,840	\$ -	\$ -	\$ 6,840	24.0	\$ 3,680	\$ -	\$ -	\$ 3,680
Geotechnical Analysis	122.0	\$ 19,290	\$ -	\$ -	\$ 19,290	72.0	\$ 10,800	\$ -	\$ -	\$ 10,800
Structural Design and Bridge Selection	0.0	\$ -	\$ -	\$ -	\$ -	72.0	\$ 11,490	\$ -	\$ -	\$ 11,490
Drawdown Structure	0.0	\$ -	\$ -	\$ -	\$ -	110.0	\$ 16,340	\$ -	\$ -	\$ 16,340
Design Drawings 65%	161.6	\$ 25,172	\$ -	\$ -	\$ 25,172	114.4	\$ 17,008	\$ -	\$ -	\$ 17,008
Design Drawings 95%	159.2	\$ 24,608	\$ -	\$ -	\$ 24,608	122.8	\$ 18,372	\$ -	\$ -	\$ 18,372
Design Drawings IFB	57.8	\$ 9,286	\$ -	\$ -	\$ 9,286	43.2	\$ 6,424	\$ -	\$ -	\$ 6,424
Specifications 65%	22.2	\$ 3,974	\$ -	\$ -	\$ 3,974	13.8	\$ 2,286	\$ -	\$ -	\$ 2,286
Specifications 95%	29.2	\$ 5,162	\$ -	\$ -	\$ 5,162	18.8	\$ 3,128	\$ -	\$ -	\$ 3,128
Specifications IFB	9.8	\$ 1,856	\$ -	\$ -	\$ 1,856	5.2	\$ 824	\$ -	\$ -	\$ 824
Front End Documents	19.2	\$ 3,456	\$ -	\$ -	\$ 3,456	8.8	\$ 1,424	\$ -	\$ -	\$ 1,424
Cost Estimate 65%	19.4	\$ 3,353	\$ -	\$ -	\$ 3,353	12.6	\$ 1,992	\$ -	\$ -	\$ 1,992
Cost Estimate 95%	10.6	\$ 1,877	\$ -	\$ -	\$ 1,877	6.4	\$ 1,058	\$ -	\$ -	\$ 1,058
Cost Estimate IFB	7.2	\$ 1,283	\$ -	\$ -	\$ 1,283	3.8	\$ 652	\$ -	\$ -	\$ 652
Design Review Meetings (65%, 95%, IFB, Virtual)	42.0	\$ 8,040	\$ -	\$ -	\$ 8,040	0.0	\$ -	\$ -	\$ -	\$ -
	<b>768.2</b>	<b>\$ 124,037</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 124,037</b>	<b>705.8</b>	<b>\$ 107,158</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 107,158</b>
<b>Permitting</b>										
	0	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	\$ -
ND Dam Construction Permit	0.0	\$ -	\$ -	\$ -	\$ -	26.0	\$ 4,700	\$ -	\$ -	\$ 4,700
ND Water Use Permit	0.0	\$ -	\$ -	\$ -	\$ -	32.0	\$ 5,560	\$ -	\$ -	\$ 5,560
ND Floodway Review and No Rise Permit	72.0	\$ 11,920	\$ -	\$ -	\$ 11,920	0.0	\$ -	\$ -	\$ -	\$ -
ND Sovereign Lands Permit	32.0	\$ 5,560	\$ -	\$ -	\$ 5,560	0.0	\$ -	\$ -	\$ -	\$ -
ND Dam Removal Form	32.0	\$ 5,560	\$ -	\$ -	\$ 5,560	0.0	\$ -	\$ -	\$ -	\$ -
ND Wetland Delineation	16.0	\$ 2,920	\$ -	\$ -	\$ 2,920	0.0	\$ -	\$ -	\$ -	\$ -
USACE 404 Permit	38.0	\$ 6,550	\$ -	\$ -	\$ 6,550	0.0	\$ -	\$ -	\$ -	\$ -
Cultural Resource Review and Pedestrian Inventory (incl ARPA permit and dam documentation)	114.0	\$ 16,430	\$ 1,732.00	\$ -	\$ 18,162	0.0	\$ -	\$ -	\$ -	\$ -
	<b>304.0</b>	<b>\$ 48,940</b>	<b>\$ 1,732</b>	<b>\$ -</b>	<b>\$ 50,672</b>	<b>58.0</b>	<b>\$ 10,260</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 10,260</b>
<b>Right of Way Services</b>										
	0	\$ -	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	\$ -
Agreement Support Exhibit	22.0	\$ 3,680	\$ -	\$ -	\$ 3,680	0.0	\$ -	\$ -	\$ -	\$ -
	<b>22.0</b>	<b>\$ 3,680</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 3,680</b>	<b>0.0</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Project Totals (Fees)</b>	<b>\$ 219,123</b>	<b>\$ 219,123</b>	<b>\$ 3,832</b>	<b>\$ 41,580</b>	<b>\$ 264,565</b>	<b>\$ 129,622</b>	<b>\$ 129,622</b>	<b>\$ -</b>	<b>\$ 18,920</b>	<b>\$ 148,542</b>
<b>Project Totals (Hours)</b>	<b>1345.2</b>					<b>835.8</b>				



-  Golf course features
-  Water area
-  Vegetated rip rap/rock toe
-  Vegetation restoration area
-  Slope stabilization & vegetated restoration area
-  Property line

**Golf cart/pedestrian bridge & rock riffle structure (3%o)**

Crest elevation = 2390.8 ft

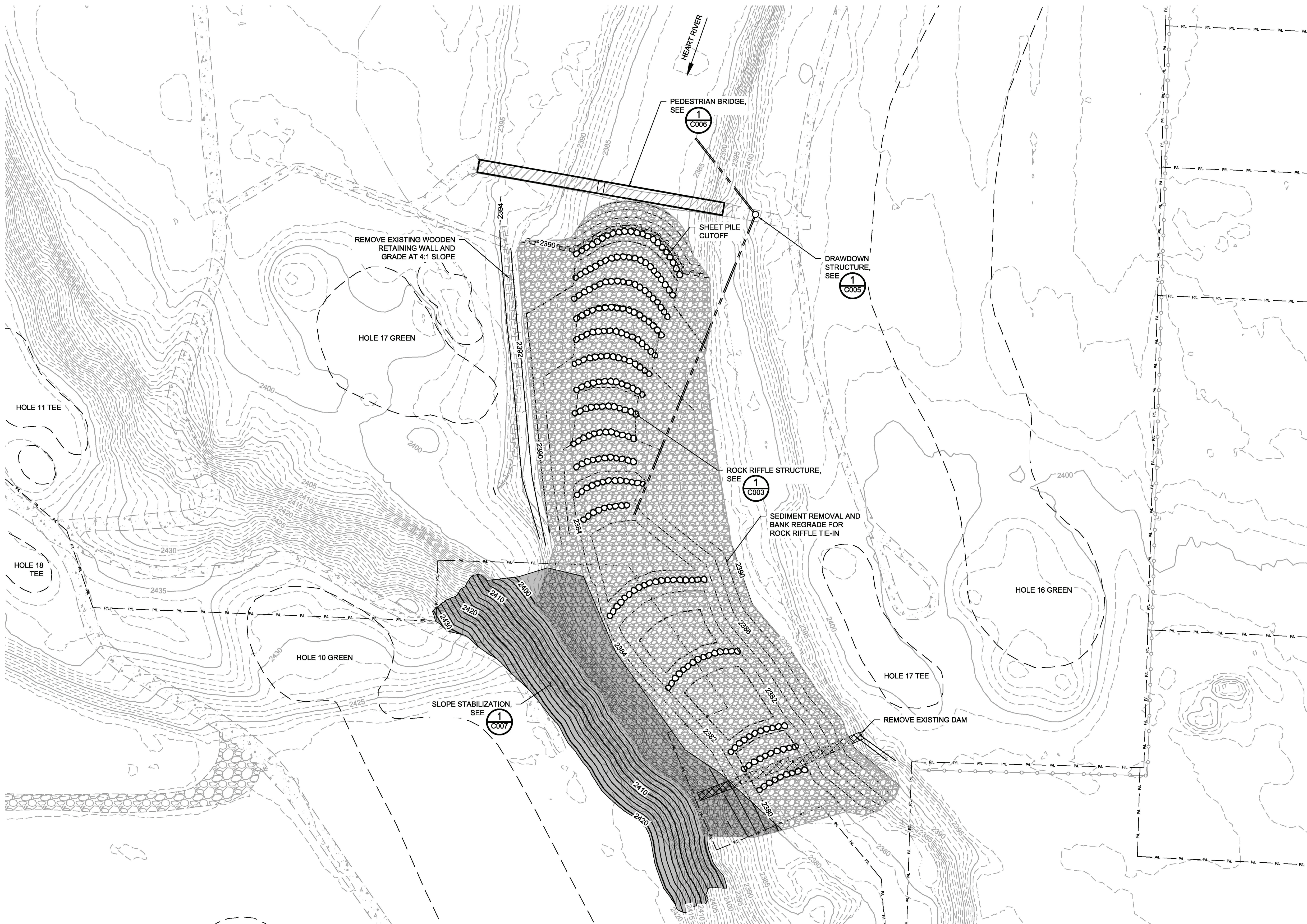


**Slope stabilization (soil nail wall with rock toe)**



**Manns Dam  
30% Design**





**PROJECT DATUM:**  
 HORIZONTAL: NAD83 ND STATE PLANE, SOUTH ZONE, US FT  
 VERTICAL: NAVD88

**LEGEND:**

	PROPOSED CONSTRUCTION LIMITS
	1+00 PROPOSED ALIGNMENT
	2400 PROPOSED MAJOR CONTOUR
	2402 PROPOSED MINOR CONTOUR
	2400 EXISTING MAJOR CONTOUR
	2402 EXISTING MINOR CONTOUR
	PROPOSED GEOTEXTILE FABRIC
	PROPOSED SOIL NAIL WALL
	PROPOSED GRANULAR FILTER
	PROPOSED RIPRAP
	PROPOSED BASE ROCK
	PROPOSED SHEET PILE
	PROPERTY LINE
	EXISTING SHORELINE
	EXISTING CHAINLINK FENCE
	EXISTING WOODEN RETAINING WALL
	HEART RIVER GOLF COURSE FEATURE
	EXISTING CONCRETE PAVEMENT
	EXISTING GRAVEL PAVEMENT
	EXISTING WOODEN PEDESTRIAN BRIDGE
	REMOVAL

1 PLAN: PROJECT LAYOUT  
 0 40 80  
 SCALE IN FEET

30% DRAFT  
 NOT FOR CONSTRUCTION

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (24.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 3/4/2026 1:33 PM  
 CADD USER: BRIANNA N. METZGER FILE: I:\DESIGN\3445106900\_C002.DWG

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
A	BNM	JAK2	JDA	03/04/2026	ISSUED FOR 30% REVIEW

**BARR**  
 4300 MARKETPOINTE DRIVE SUITE 200 MINNEAPOLIS, MN 55435  
 PH: 1-800-632-2277 WWW.BARR.COM

CITY OF DICKINSON  
 DICKINSON, NORTH DAKOTA

MANN'S DAM REPLACEMENT  
 PROJECT LOCATION  
 PROJECT LAYOUT  
 PLAN

BARR PROJECT #	3445106900
DWG #	C002
REV #	A

# Pictures





# ENGINEERING

April 24, 2026

Abigail Franklund  
Cost-Share Program Manager  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58504-5262

Re: Cost Share Request for Manns Dam Detailed Design – City of Dickinson, ND

Dear Ms. Franklund,

The Manns Dam is a concrete low-head dam on the Heart River on the southwest side of the City of Dickinson, downstream of the larger Dickinson and Queen City Dams. The dam was constructed in 1930 with repair work completed in 1973 and is currently located on property owned by Dickinson Parks and Recreation within the Heart River Golf Course. The dam is owned by the City of Dickinson. The Office of the State Engineer (OSE) has designated the dam as a low hazard structure, the dam can produce a dangerous recirculating current downstream of the dam known as a "drowning machine". Additionally, based on the most recent NDDWR inspection report, the dam is currently in very poor condition. The City of Dickinson would like to eliminate the dangerous recirculating hydraulic roller below the dam and mitigate the structural problems with the dam.

As part of the project development process, the City also held a community informational meeting to share the proposed approach, discuss project objectives, and gather public input regarding the dam modification and related improvements.

This phase of the Manns Dam Modification Project will allow the City of Dickinson to advance the selected preferred alternative from the 30% design level through permit-ready and bid-ready construction documents. The selected alternative includes removal of the existing low-head dam and construction of a new rock riffle spillway, together with related improvements for bank and channel stabilization, western slope stabilization, and low-level drawdown functionality, while mitigating impact on surrounding properties and infrastructure.

The scope of work includes project management, wetland delineation, geotechnical investigations, supplemental site and boundary survey, hydraulic modeling, scour analysis, geotechnical design, preparation of drawings and specifications, engineer's cost estimates, permitting, Section 106 cultural resources compliance, and limited right-of-way/USBR agreement support. The work will also evaluate and mitigate potential impacts to adjacent





## ENGINEERING MEMORANDUM

structures and property, maintain required pool elevation, and support coordination with USBR for project access, construction, and long-term operation and maintenance. The estimated timeline to complete the work is approximately 10 months from notice to proceed.

The total estimated cost for the Study is expected to be \$468,107. We respectfully request the approval of a 75% cost share request in the amount of \$351,080, with the local contribution of \$117,027.

Should you have any questions, please contact me at (701) 456-7768 or [kristopher.keller@dickinsongov.com](mailto:kristopher.keller@dickinsongov.com).

Sincerely,

A handwritten signature in blue ink that reads "Kristopher Keller".

Kristopher Keller, PE  
Senior Engineer  
City of Dickinson

**REGULAR MEETING****DICKINSON CITY COMMISSION****April 21, 2026****I. CALL TO ORDER**

President Scott Decker called the meeting to order at 4:30 PM

**II. ROLL CALL**

Present were: President Scott Decker, Vice President Robert Baer,  
Commissioners Jason Fridrich, Joe Ridl and Russ Murphy.

Telephone: None

Absent: None

**PLEDGE OF ALLEGIANCE****1. ORDER OF BUSINESS**

MOTION BY: Russ Murphy

SECONDED BY: Joe Ridl

To approve the April 21, 2026 meeting as presented.

DISPOSITION: Roll call vote...Aye 5, Nay 0, Absent 0  
Motion declared duly passed

**2. CONSENT AGENDA**

MOTION BY: Robert Baer

SECONDED BY: Jason Fridrich

**A. Approval of the City Commission Meeting Minutes dated April 7, 2026**

**B. Approval of Accounts Payable, Commerce Bank and Checkbook**

DISPOSITION: Roll call vote...Aye 5, Nay 0, Absent 0  
Motion declared duly passed

**3. ADMINISTRATION/FINANCE****A. Beer and Wine Only On-Sale Liquor License – Daph’s Flower Farm**

City Administrator Dustin Dassinger presents a Beer and Wine Only On-Sale Liquor License for Daph’s Flower Farm which is located at 128 1<sup>st</sup> Street West. The application was reviewed, and a background check was completed. City Administration recommends approval.

MOTION BY: Jason Fridrich

SECONDED BY: Russ Murphy

To approve the Beer and Wine Only On-Sale Liquor License for Daph’s Flower Farm

DISPOSITION: Roll call vote...Aye 5, Nay 0, Absent 0  
Motion declared duly passed

**B. Gaming Site Authorization – Fort Abraham Lincoln Foundation – Paragon**

City Administrator Dustin Dassinger presents a Gaming Site Authorization for Fort Abraham Lincoln Foundation which is located at 1125 West Villard. The placement of these gaming site is Champs Sports Bar located in Paragon. He lists the kinds of gaming they will be having from 7/1/2026-6/30/2027.

MOTION BY: Robert Baer

SECONDED BY: Russ Murphy

To approve the Gaming Site Authorizations for Fort Abraham Lincoln Foundation - Champs Sports Bar.

DISPOSITION: Roll call vote...Aye 5, Nay 0, Absent 0  
Motion declared duly passed





## ENGINEERING & COMMUNITY DEVELOPMENT

April 21, 2026

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

**RE: Mann's Dam Project – City Commission Letter of Support**

On behalf of the City Commission of Dickinson, I am pleased to express our full support for the North Dakota Department of Water Resources (DWR) grant application for the Mann's Dam Project, City of Dickinson Project Number 202508.

The requested funding will facilitate the design and permitting to eliminate existing deficiencies and safety risks associated with the current low-head dam. The existing Mann's Dam structure will be removed and replaced with a rock arch, a.k.a. rock riffle, structure to maintain the pool elevation upstream. The project would also eliminate the structure bordering private land and the Dickinson Dam's (Lake Patterson) axillary spillway.

The City of Dickinson greatly values the opportunity to apply for General Water Management cost-sharing assistance through the DWR. This program plays a vital role in enabling the City to proactively identify and mitigate risks that could impact our citizens and vital infrastructure.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Decker", written over a horizontal line.

Scott Decker  
Mayor



**DAM INVENTORY UPDATE**  
 NORTH DAKOTA STATE WATER COMMISSION  
 REGULATORY  
 SFN 61424 (4/2018)

Site Visit Conducted By <b>AC CN</b>	Date <b>5-24-18</b>
---	------------------------

Dam Name(s) **MANN DAM**

Section		1/4	Section
		Township	Range
		County	Nearest Town <b>DICKINSON</b>

Sign On Road To Dam <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sign On/Near Dam Bearing Dam Name <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
--	--

Is There Access To Dam <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Describe Access <b>THROUGH GOLF COURSE</b>
---	---

Dam Type  
 Earth Embankment Dam  Concrete Low Head Dam  Other \_\_\_\_\_

Dam Status  
 Intact  Breached  Other \_\_\_\_\_

Is The Dam Storing Water  
 Yes  No

General Observed Condition Of The Dam (please describe any major visible damage to the dam or spillway)

**BAD-VERY BAD**      TREE DESTROYING LEFT ABUTMENT, HORIZONTAL & VERTICAL CRACKING EVERYWHERE... SEE PICS

**NEEDS TO BE ADDRESSED!!**

GPS Location Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location X                      Y	Other GPS Survey Completed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Survey Job Number
---	--------------------------------------	---	-------------------

Survey Description

1

Additional Comments

Photos Taken  
 Yes  No



Water Development Plan: Not Included

# 1088063 - DWR/USGS COOPERATIVE MONITORING PROGRAM FY-2027

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 23, 2026 12:17 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Joseph Nett
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Joseph  
First Name  
Henry George Nett  
Middle Name Last Name

**Title:** Hydrologist Manager

**Email\*:** jhgnett@nd.gov

**Address\*:** 1200 Memorial Highway

### Organization Information

**Status\*:** Approved

**Name\*:** ND Department of Water Resources

**Organization Type\*:** State Government

**Tax Id:**

**Organization Website:**

**Address\*:** 900 E Boulevard Ave

Bismarck North Dakota  
 City State/Province

58504  
 Postal Code/Zip

**Phone\*:** 701-328-2941 Ext.  
 Phone  
 ###-###-####

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

**Comments:**

Bismarck North Dakota  
 City State/Province

58505-\_\_\_\_  
 Postal Code/Zip

**Phone\*:** 701-328-4952 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\*:** DWR/USGS COOPERATIVE MONITORING PROGRAM FY-2026

**Sponsor(s)\*:** USGS

**County\*:** Statewide

**City\*:** BISMARCK

**Description of Request\*:** New

**Project Type:** Other

**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\*:**

Cooperative - Statewide hydrologic monitoring program with the US Geological Survey

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

The stream gage network provides streamflow data that are needed for a variety of applications including the design of flood control structures, bridges, culverts, general water resource planning, floodplain mapping, water management and permitting. Many of the gaging stations provide real-time stream gage data which is crucial in responding to flood events, appropriation, and regulatory decisions.

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

This is an ongoing cooperative data collection program that provides baseline streamflow data for North Dakota's major streams and rivers such as flow rate and volume, as well as stream and lake water quality monitoring.

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

Provide real-time streamflow data for decision-making, maintain rating curves with field visits, and maintain select sites for images for condition monitoring.

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

Statewide hydrologic and water quality data for sound and timely decision-making.

**For this project,**

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

<b>What is the Current Estimated Population?*</b>	800000
<b>For this project, What is the Benefited Population?*</b>	800000
<b>Have Assessment Districts Been Formed?*</b>	N/A
<b>Have Land or Easements Been Acquired?*</b>	N/A
<b>Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*</b>	No
<b>Are There Any Road Improvements Included as Part of the Project?*</b>	No
<b>Have You Applied For Any Federal Permits?*</b>	N/A
<b>Have You Applied for any State Permits?*</b>	N/A
<b>Have You Applied for any Local Permits?*</b>	N/A
<b>Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?*</b>	No
<b>Have You Received, or Do You Anticipate Receiving Federal Funding?</b> (Example: Hazard Mitigation Grant Program)	No

\*:

### Implementation Timelines

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 07/2026

**Design Completion\*:** 00/0000

**Bid\*:** 00/0000

**Construction Start\*:** 00/0000

**Construction Completion\*:** 00/0000

#### Explain Additional Timeline

##### Issues\*:

Ongoing project that will run from July 1, 2024 - June 30, 2025

**Consulting Engineer\*:** Andrew Nygren

**Engineer Direct Phone Number\*:** 701-328-1069

**Engineer Email\*:** anygren@nd.gov

#### ***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\*:** Andrew Nygren 04/22/2026

First Name Last Name Date

**Title/Position/Authority\*:** DWR Director of Appropriations

**Address\*:** 1200 Memorial Highway  
 Address Line 1  
 Address Line 2

Bismarck North Dakota 58504-5262  
 City State Zip Code

**Direct Phone Number\*:** 701-328-1069

**Sponsor Email\*:** anygren@nd.gov

**Are You Seeking Department of Water Resources Cost-Share?\***: No Last Name

## Documentation

---

### *Documentation*

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

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

USGS Gage Map.png

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?\***

No

**Other Applicable Document(s):**

Yes

**Other Applicable Document:** NDDWR\_FY26-27\_Proposal.pdf

**Other Applicable Document:** sfn\_61801\_delineation\_of\_cost\_DWR\_USGS.xlsx

**Other Applicable Document:**

## Sources

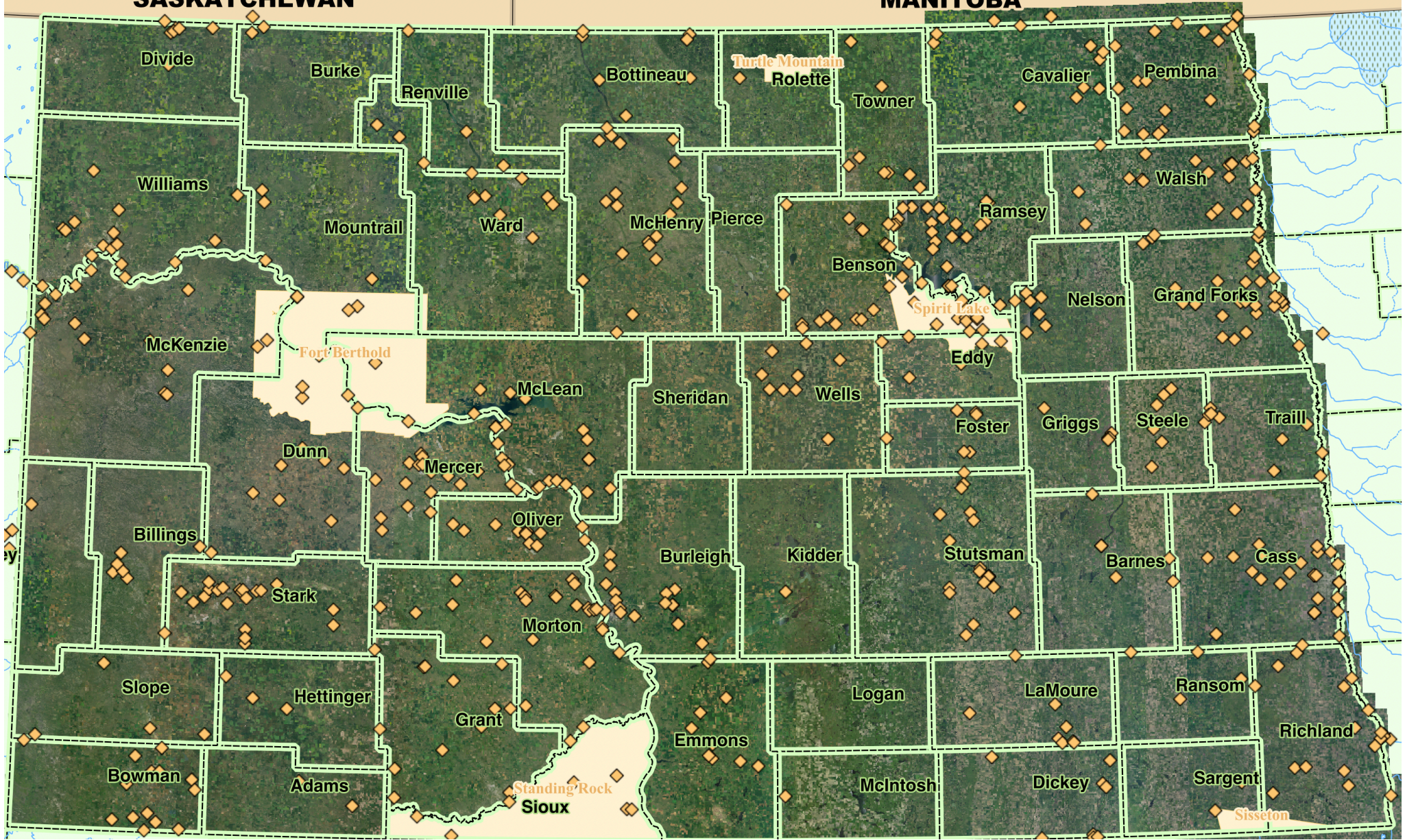
---

**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 2			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Pre-Construction		Current Request	\$538,390.00	\$0.00	\$0.00	\$538,390.00	Grant	0.00	0.00
			<b>\$538,390.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$538,390.00</b>			

SASKATCHEWAN

MANITOBA





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

DWR Date Received : April 23, 2026

Date:	4/23/26
Project:	DWR/USGS COOPERATIVE MONITORING PROGRAM FY-2027
Sponsor:	Department of Water Resources
Contact:	Nygren, Andrew
Phone:	701-328-1069
Engineer:	
Phone:	

Total Cost :	\$ 1,179,358.00	Total Cost-Share* :	\$ 538,390.00
Ineligible Cost :	\$ 640,968.00	Other Eligible :	\$ 1,179,358.00
Eligible Cost :	\$ 538,390.00	Preconstruction :	\$ -
Local Cost :	\$ 640,968.00	Construction :	\$ -

Project Type:	Cost-share %
Other (100%)	100%

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	100.0%	Survey (Geological)	1	NA	1,179,358.00	\$ 1,179,358.00	100%	\$ 1,179,358.00	
2	0.0%		0		-	\$ -	100%	\$ -	
3	0.0%		0		-	\$ -	100%	\$ -	
4	0.0%		0		-	\$ -	100%	\$ -	
5	0.0%		0		-	\$ -	100%	\$ -	
	100.0%	<b>Other Eligible Total</b>				\$ 1,179,358.00	100%	\$ 1,179,358.00	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	0.0%		0		-	\$ -	100%	\$ -	
7	0.0%		0		-	\$ -	100%	\$ -	
8	0.0%		0		-	\$ -	100%	\$ -	
9	0.0%		0		-	\$ -	100%	\$ -	
10	0.0%		0		-	\$ -	100%	\$ -	
	0.0%	<b>Preconstruction Total</b>				\$ -	100%	\$ -	
<b>Construction Engineering Costs</b>									
11	0.0%		0		-	\$ -	100%	\$ -	
12	0.0%		0		-	\$ -	100%	\$ -	
13	0.0%		0		-	\$ -	100%	\$ -	
14	0.0%		0		-	\$ -	100%	\$ -	
	0.0%	<b>Construction Engineering Total</b>				\$ -	100%	\$ -	
<b>Construction Costs</b>									
15	0.0%	Mobilization	0	LS	-	\$ -	100%	\$ -	
16	0.0%	Bonding	0		-	\$ -	100%	\$ -	
17	0.0%	Insurance	0		-	\$ -	100%	\$ -	
18	0.0%		0		-	\$ -	100%	\$ -	
19	0.0%		0		-	\$ -	100%	\$ -	
20	0.0%		0		-	\$ -	100%	\$ -	
21	0.0%		0		-	\$ -	100%	\$ -	
22	0.0%		0		-	\$ -	100%	\$ -	
23	0.0%		0		-	\$ -	100%	\$ -	
24	0.0%		0		-	\$ -	100%	\$ -	
25	0.0%		0		-	\$ -	100%	\$ -	
26	0.0%		0		-	\$ -	100%	\$ -	
27	0.0%		0		-	\$ -	100%	\$ -	
28	0.0%		0		-	\$ -	100%	\$ -	
29	0.0%		0		-	\$ -	100%	\$ -	
30	0.0%		0		-	\$ -	100%	\$ -	
31	0.0%		0		-	\$ -	100%	\$ -	
32	0.0%		0		-	\$ -	100%	\$ -	
33	0.0%		0		-	\$ -	100%	\$ -	
34	0.0%		0		-	\$ -	100%	\$ -	
35	0.0%		0		-	\$ -	100%	\$ -	
36	0.0%		0		-	\$ -	100%	\$ -	
		<b>Construction Sub-Total</b>				\$ -	100%	\$ -	
	0.0%	<b>Allowable Contingency (10%)</b>				\$ -	100%	\$ -	
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	100%	\$ -	
	0.0%	<b>Construction Total</b>				\$ -	100%	\$ -	
						Eligible Preconstruction	\$ -	100%	\$ -
						Eligible Construction	\$ -	100%	\$ -
						<b>Eligible Total</b>	\$ 1,179,358.00	100%	\$ 1,179,358.00
<b>Ineligible Preconstruction Costs</b>									
37	0.0%		0		-	\$ -	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	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%	\$ -	
						<b>Ineligible Total</b>	\$ -	0%	\$ -
						<b>Project Total</b>	\$ 1,179,358.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ 640,968.00		
						<b>Eligible Cost Total</b>	\$ 538,390.00	100%	\$ 538,390.00

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



**ND Department of Water Resources**  
**July 1, 2026 - June 30, 2027**

Discipline	2025-2026	USGS FPS	USGS CMF	2026-2027	Other Funding	Total Program
	ND DWR Funds			ND DWR Funds		
SW	408,390	104,160	336,570	408,390	52,850	901,970
QW	129,988	-	116,460	130,000	3,428	249,888
GW	-	-	-	-	27,500	27,500
<b>Grand Total</b>	<b>538,378</b>	<b>104,160</b>	<b>453,030</b>	<b>538,390</b>	<b>83,778</b>	<b>1,179,358</b>

Discipline	SiteNumber	SiteName	Remarks	2025-2026	2026-2027				
				DWR Funds	USGS FPS	USGS CMF	DWR Funds	Other Funding	Total Program
Surface Water	0505152130	RED RIVER OF THE NORTH AT ENLOE, ND	Seasonal gage-Extra snsr and camera FMM ex	\$ 5,650	\$ -	\$ -	\$ 5,650	\$ 9,750	\$ 15,400
	05051600	WILD RICE RIVER NR RUTLAND, ND	Seasonal gage	\$ 10,280	\$ -	\$ 4,120	\$ 10,280	\$ -	\$ 14,400
	05054000	RED RIVER AT FARGO, ND	-	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
	05054500	SHEYENNE RIVER ABOVE HARVEY, ND	-	\$ 10,940	\$ -	\$ 8,860	\$ 10,940	\$ -	\$ 19,800
	05056060	MAUVAIS COULEE TRIB NO. 3 NR CANDO, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05056100	MAUVAIS COULEE NR CANDO, ND	Seasonal gage (Move upstream to HWY 17)	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05056200	EDMORE COULEE NR EDMORE, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05056215	EDMORE COULEE TRIB NR WEBSTER, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05056239	STARKWEATHER COULEE NR WEBSTER, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05056340	LITTLE COULEE NR LEEDS, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05059500	SHEYENNE RIVER AT WEST FARGO, ND	-	\$ 10,190	\$ -	\$ 9,610	\$ 10,190	\$ -	\$ 19,800
	05059600	MAPLE RIVER NR HOPE, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05059700	MAPLE RIVER NEAR ENDERLIN, ND	-	\$ -	\$ 17,000	\$ -	\$ -	\$ -	\$ 17,000
	05066500	GOOSE RIVER AT HILLSBORO, ND	-	\$ 10,190	\$ -	\$ 9,610	\$ 10,190	\$ -	\$ 19,800
	05082500	RED RIVER AT GRAND FORKS, ND	-	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ 20,000
	05082625	TURTLE RIVER AT TURTLE R STATE PARK NR ARVILLA, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	05084000	FOREST RIVER NR FORDVILLE, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	05090000	PARK RIVER AT GRAFTON, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	05101000	TONGUE RIVER AT AKRA, ND	-	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	05120000	SOURIS RIVER NR VERENDRYE, ND	Also funded by USACE	\$ 9,000	\$ -	\$ 6,690	\$ 9,000	\$ 3,410	\$ 19,100
	05122000	SOURIS RIVER NR BANTRY, ND	Also funded by USFWS	\$ 380	\$ -	\$ 380	\$ 380	\$ 18,245	\$ 19,005
	06331000	LITTLE MUDDY RIVER BL COW CREEK NR WILLISTON, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06331680	TOBACCO GARDEN CREEK NR WATFORD CITY, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06332000	WHITE EARTH RIVER AT WHITE EARTH, ND	-	\$ 11,240	\$ -	\$ 7,860	\$ 11,240	\$ -	\$ 19,100
	06332190	WHITE EARTH RIVER ABOVE MOUTH NEAR MANITOU, ND	-	\$ 11,590	\$ -	\$ 7,510	\$ 11,590	\$ -	\$ 19,100
	06332515	BEAR DEN CREEK NR MANDAREE, ND	-	\$ 6,120	\$ 11,200	\$ 2,180	\$ 6,120	\$ -	\$ 19,500
	06336600	BEAVER CREEK NR TROTTERS, ND	-	\$ -	\$ 12,460	\$ -	\$ -	\$ -	\$ 12,460
	06337000	LITTLE MISSOURI RIVER NR WATFORD CITY, ND	-	\$ 5,420	\$ 8,680	\$ 5,420	\$ 5,420	\$ -	\$ 19,520
	06337200	Cherry Creek ON HWY 23NR SCHAFFER, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06337300	LITTLE MISSOURI RIVER ABV MOUTH NR OAKDALE, ND	seasonal Q	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	06339100	KNIFE RIVER AT MANNING, ND	-	\$ 10,190	\$ -	\$ 9,310	\$ 10,190	\$ -	\$ 19,500
	06339200	CROOKED CREEK NEAR EMERSON, ND	Seasonal Q	\$ 10,280	\$ -	\$ 4,120	\$ 10,280	\$ -	\$ 14,400
	06339500	KNIFE RIVER NR GOLDEN VALLEY, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06340000	SPRING CREEK AT ZAP, ND	-	\$ 10,190	\$ -	\$ 9,310	\$ 10,190	\$ -	\$ 19,500
	06342260	SQUARE BUTTE CREEK BELOW CENTER, ND	-	\$ 10,190	\$ -	\$ 9,310	\$ 10,190	\$ -	\$ 19,500
	06342450	BURNT CREEK NR BISMARCK, ND	Seasonal gage	\$ 7,760	\$ -	\$ 6,640	\$ 7,760	\$ -	\$ 14,400
	06343000	HEART RIVER NR SOUTH HEART, ND	Also funded by USBR	\$ 4,510	\$ -	\$ 5,200	\$ 4,510	\$ 5,290	\$ 15,000
	06344600	GREEN RIVER NR NEW HRADEC, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06345500	HEART RIVER NR RICHARDTON, ND	-	\$ 10,190	\$ -	\$ 9,310	\$ 10,190	\$ -	\$ 19,500
	06345780	HEART R AB LAKE TSCHIDA NR GLEN ULLIN, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100
	06347000	ANTELOPE CREEK NR CARSON, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	06347500	BIG MUDDY CREEK NEAR ALMONT, ND	-	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	06348300	HEART RIVER AT STARK BRIDGE NR JUDSON, ND	Also funded by USBR & LHRWRD.	\$ -	\$ -	\$ -	\$ -	\$ 12,690	\$ 12,690
	06348500	SWEETBRIAR CREEK NR JUDSON, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400
	06350000	CANNONBALL RIVER AT REGENT, ND	-	\$ 10,190	\$ -	\$ 9,610	\$ 10,190	\$ -	\$ 19,800
06351200	CANNONBALL RIVER NR RALEIGH, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100	
06352000	CEDAR CREEK NR HAYNES, ND	-	\$ 10,190	\$ -	\$ 9,610	\$ 10,190	\$ -	\$ 19,800	
06353000	CEDAR CREEK NR RALEIGH, ND	-	\$ 10,600	\$ 5,990	\$ 2,510	\$ 10,600	\$ -	\$ 19,100	
06354480	SOUTH BRANCH BEAVER CREEK NEAR ZEELAND, ND	Seasonal gage	\$ 7,330	\$ -	\$ 7,070	\$ 7,330	\$ -	\$ 14,400	
06470800	BEAR CREEK NR OAKES, ND	-	\$ 9,780	\$ -	\$ 9,320	\$ 9,780	\$ -	\$ 19,100	
06349070	MISSOURI RIVER BELOW MANDAN, ND	Two sensors- upgrade with camera	\$ 10,760	\$ -	\$ 2,240	\$ 10,760	\$ -	\$ 13,000	
05083500	RED RIVER AT OSLO, MN	-	\$ -	\$ 8,830	\$ -	\$ -	\$ -	\$ 8,830	
06354490	BEAVER CREEK NEAR STRASBURG, ND	stage w peak	\$ 7,470	\$ -	\$ 730	\$ 7,470	\$ -	\$ 8,200	
06470425	JAMES RIVER AT STATE ROUTE 46 NR ADRIAN, ND	flood alert	\$ 2,000	\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ 6,000	
<b>SW Total</b>				\$ 408,390	\$ 104,160	\$ 336,570	\$ 408,390	\$ 51,385	\$ 900,505

Water Quality	ID	Description	Samples	2025-2026	2026-2027				
		DIRECT SERVICE CREDIT FOR CONSTRUCTION SERVICES		(30,300)	-	-	\$ (30,300)	\$ -	\$ (30,300)
	05051522	RED RIVER OF THE NORTH AT HICKSON, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05051600	WILD RICE RIVER NR RUTLAND, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05052500	ANTELOPE CREEK AT DWIGHT, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05054500	SHEYENNE RIVER ABOVE HARVEY, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056000	SHEYENNE RIVER NR WARWICK, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05056060	MAUVAIS COULEE TRIB NO. 3 NR CANDU, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056100	MAUVAIS COULEE NR CANDU, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056200	EDMORE COULEE NR EDMORE, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056215	EDMORE COULEE TRIB NR WEBSTER, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056220	SWEETWATER LAKE AT SWEETWATER, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056222	MORRISON LAKE NEAR WEBSTER, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056239	STARKWEATHER COULEE NR WEBSTER, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056241	DRY LAKE NEAR PENN, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056250	LAKE ALICE NR CHURCHS FERRY, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056260	LAKE IRVINE NR CHURCHS FERRY, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056340	LITTLE COULEE NR LEEDS, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05056665	EASTERN STUMP LAKE NR LAKOTA, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056666	McHUGH SLOUGH R LAKOTA, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056669	LAKE LORETTA NR MICHIGAN, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05056670	WESTERN STUMP LAKE NR LAKOTA, ND	4 quarterly lake samples	5,140	-	\$ 3,680	\$ 5,140	\$ -	\$ 8,820
	05057200	BALDHILL CREEK NR DAZEY, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05059700	MAPLE RIVER NR ENDERLIN, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05060500	RUSH RIVER AT AMENIA, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05064500	RED RIVER OF THE NORTH AT HALSTAD, MN	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05065500	GOOSE RIVER NEAR PORTLAND, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05082625	TURTLE RIVER AT TURTLE R STATE PARK NR ARVILLA, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05084000	FOREST RIVER NR FORDVILLE, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05092000	RED RIVER OF THE NORTH AT DRAYTON, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05099400	LITTLE SOUTH PEMBINA RIVER NR WALHALLA, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05101000	TONGUE RIVER AT AKRA, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05113600	LONG CREEK NR NOONAN, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05120500	WINTERING RIVER NR KARLSRUHE, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	05123400	WILLOW CREEK NR WILLOW CITY, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	05123510	DEEP RIVER NR UPHAM, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06331000	LITTLE MUDDY RIVER BL COW CREEK NR WILLISTON, ND	4 samples (+2 funded by NDDEQ)	2,038	-	\$ 1,390	\$ 2,040	\$ 2,000	\$ 5,430
	06332000	WHITE EARTH RIVER AT WHITE EARTH, ND	4 samples (+2 funded by NDDEQ)	2,038	-	\$ 1,390	\$ 2,040	\$ 2,000	\$ 5,430
	06332515	BEAR DEN CREEK NR MANDAREE, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06335500	LITTLE MISSOURI RIVER AT MARMARTH, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06335750	DEEP CREEK NR AMIDON, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06336600	BEAVER CREEK NR TROTTERS, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06339100	KNIFE RIVER AT MANNING, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06340000	SPRING CREEK AT ZAP, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06342260	SQUARE BUTTE CREEK BELOW CENTER, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06342500	MISSOURI RIVER AT BISMARCK, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06343000	HEART RIVER NR SOUTH HEART, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06344600	GREEN RIVER NR NEW HRADEC, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06347000	ANTELOPE CREEK NR CARSON, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06347500	BIG MUDDY CREEK NEAR ALMONT, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06348500	SWEETBRIAR CREEK NR JUDSON, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
	06349500	APPLE CREEK NR MENOKEN, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06350000	CANNONBALL RIVER AT REGENT, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06352000	CEDAR CREEK NR HAYNES, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06354580	BEAVER CREEK BL LINTON, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06469400	PIPESTEM CREEK NR PINGREE, ND	6 samples	3,052	-	\$ 2,240	\$ 3,050	\$ -	\$ 5,290
	06470800	BEAR CREEK NR OAKES, ND	4 samples	2,038	-	\$ 1,490	\$ 2,040	\$ -	\$ 3,530
QW Total				129,988	-	\$ 116,460	\$ 130,000	\$ 4,000	\$ 250,460
GW	462633097163402	134-052-06CCD2	USGS NWQMN Funding		-	\$ -	\$ -	\$ 5,500	\$ 5,500
	464540100222101	138-077-22AAD	USGS NWQMN Funding		-	\$ -	\$ -	\$ -	\$ -
	465755102410701	140-095-08AAA	USGS NWQMN Funding		-	\$ -	\$ -	\$ 5,500	\$ 5,500
	472537102144801	146-091-35BBC	USGS NWQMN Funding		-	\$ -	\$ -	\$ 5,500	\$ 5,500
	475646097372201	152-054-31BBB	USGS NWQMN Funding		-	\$ -	\$ -	\$ 5,500	\$ 5,500
	482212099475801	156-071-04BBA	USGS NWQMN Funding		-	\$ -	\$ -	\$ 5,500	\$ 5,500

Discontinues

	483127103373102	158-100-08DAA2	USGS NWQMN Funding		-	\$ -	\$ -	\$ -	\$ -	\$ -	Discontinues
GW Total					-	\$ -	\$ -	\$ -	\$ 27,500	\$ 27,500	
Grand Total					104,160	\$ 453,030	\$ 538,390	\$ 82,885	\$ 1,178,465		



Water Development Plan: Not Included

# 1088043 - Grand Forks County Dams Emergency Action Plans

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 22, 2026 2:26 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Jacob Wognum
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Jacob  
First Name

Middle Name Wognum  
Last Name

**Title:**

**Email\*:** jwognum@houstoneng.com

**Address\*:** 1401 21st Ave North

### Organization Information

**Status\*:** Approved

**Name\*:** Grand Forks County Water Resource District

**Organization Type\*:** Political Subdivision

**Tax Id:**

**Organization Website:**

**Address\*:** 151 South 4th Street #348

Fargo North Dakota  
 City State/Province

58102  
 Postal Code/Zip

**Phone\*:** (701) 237-5065 Ext.  
 Phone  
 ###-###-####

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

**Comments:**

Grand Forks North Dakota  
 City State/Province

58201-0000  
 Postal Code/Zip

**Phone\*:** (701) 780-8312 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\*:** Grand Forks County Dams Emergency Action Plans

**Sponsor(s)\*:** Grand Forks County Water Resource District

**County\*:** Grand Forks

**City\*:** Grand Forks  
**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\*:**

Grand Forks County Water Resource District Board

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

The Grand Forks County Water Resource District is in need of updating the EAPs for all the high and medium hazard dams that the WRD owns. The current EAPs are outdated and in need of updating to bring them to current DWR Dam Safety standards.

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

This project will update Grand Forks County's Emergency Action Plans (EAPs) for eight dams that currently have high or medium hazard designations. All of the EAP documents will be updated along with setting up models to perform breach analysis and inundation mapping all following the DWR's North Dakota Dam Safety Standards document. A tabletop exercise will also be completed to identify any additional modifications before finalizing the EAPs.

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

This project will update the Emergency Action Plans (EAPs) for eight dams in Grand Forks County to meet current DWR Dam Safety Standards and provide the Grand Forks County Water Resource District with updated EAPs.

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

Complete updates to our county's Emergency Action Plans.

**For this project,**

<b>Choose City, County, Water District or Other*:</b>	Water District
<b>What is the Current Estimated Population?*</b>	74501
<b>For this project, What is the Benefited Population?*</b>	74501
<b>Have Assessment Districts Been Formed?*</b>	N/A
<b>Have Land or Easements Been Acquired?*</b>	N/A
<b>Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*</b>	No
<b>Are There Any Road Improvements Included as Part of the Project?*</b>	No
<b>Have You Applied For Any Federal Permits?*</b>	N/A
<b>Have You Applied for any State Permits?*</b>	N/A
<b>Have You Applied for any Local Permits?*</b>	N/A
<b>Do You Expect Any Obstacles to Implementation (i.e. Problems with Land Acquisition, Permits, Funding, Local Opposition, Environmental Concerns, etc.)?*</b>	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\*:** September 2027

**Design Completion\*:** N/A

**Bid\*:** N/A

**Construction Start\*:** N/A

**Construction Completion\*:** N/A

### Explain Additional Timeline

#### Issues\*:

Approximate completion timeline. Will be dependent on dates of cost-share approvals and availability for tabletop exercise participants.

**Consulting Engineer\*:** Jacob Wognum, Houston Engineering, Inc.

**Engineer Direct Phone Number\*:** 701-499-2052

**Number\*:**

**Engineer Email\*:** jwognum@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\*:** Lori Christianson 04/22/2026  
 First Name Last Name Date

**Title/Position/Authority\*:** Secretary/Treasurer

**Address\*:** 151 South 4th St, Ste 348  
 Address Line 1  
 Address Line 2  
 Grand Forks North Dakota 58201-4715  
 City State Zip Code

**Direct Phone Number\*:** 701-780-8312

**Sponsor Email\*:** gfcwrd@outlook.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:** Robert Drees  
 First Name Last Name

**Authorized Signor** Board Chairman  
**Title/Position:**

**Authorized Signor Email:** 5drees@invisimax.com

**Authorized Signor Direct Phone Number:** 701-741-0888

**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**

Location Map Grand Forks Dams EAPs.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:** 04-01-2026 Minutes - Approved.pdf

**Cover Letter:** Cover Letter to DWR-EAP Cost Share Request 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:** sfn\_61801\_delineation\_of\_cost GFCWRD Dam EAP Updates.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?:** 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.

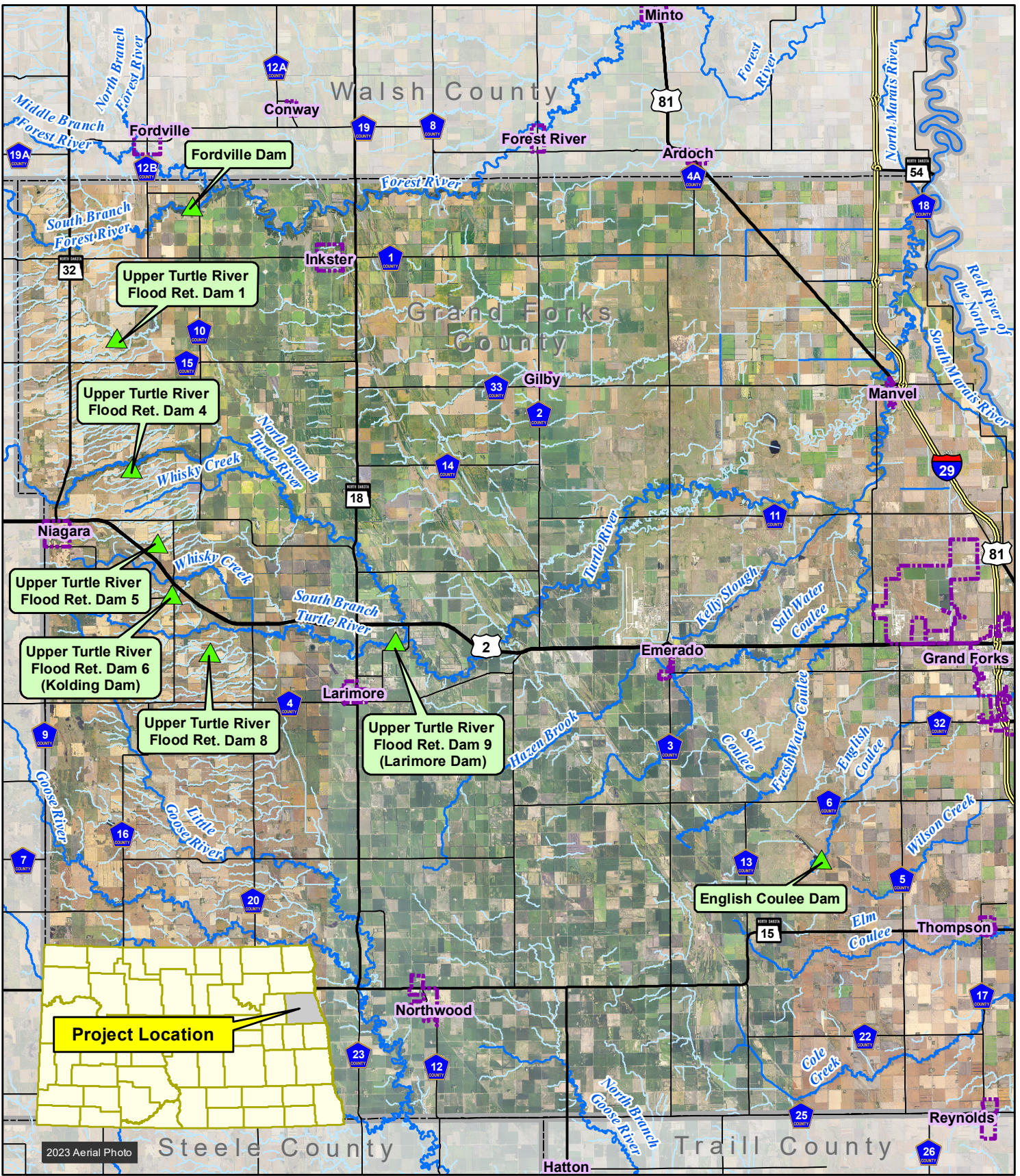
**Other Applicable Document(s):**

**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 2			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Pre-Construction		Current Request	\$204,000.00	\$0.00	\$0.00	\$204,000.00	Grant	0.00	0.00
Other	Red River Joint Water Resource District	Future Request	\$33,150.00	\$0.00	\$0.00	\$33,150.00	Grant	0.00	0.00
Other	Local		\$17,850.00	\$0.00	\$0.00	\$17,850.00		0.00	0.00
			<b>\$255,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$255,000.00</b>			





H:\B\2025\2025\2580\_0013\GIS\Map\CityShare\Map\_GFCWRD\_EAPs.mxd

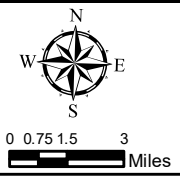


**Houston Engineering Inc.**  
 Date: 4/14/2026  
 Prepared by: TSW

## Grand Forks County Dams Emergency Action Plans

Grand Forks County Water Resource District

Multiple Townships  
 Grand Forks County, ND





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

DWR Date Received : April 22, 2026

<b>Date :</b>	4/22/26
<b>Project :</b>	Grand Forks County Dams Emergency Action Plans
<b>Sponsor :</b>	Grand Forks County Water Resource District
<b>Contact :</b>	Lori Christianson, Secretary-Treasurer
<b>Phone :</b>	701-780-8312
<b>Engineer :</b>	Jacob Wognum, Houston Engineering, Inc.
<b>Phone :</b>	701-237-5065

<b>Total Cost :</b>	\$ 255,000.00	<b>Total Cost-Share* :</b>	\$ 204,000.00
<b>Ineligible Cost :</b>	\$ -	<b>Other Eligible :</b>	\$ 204,000.00
<b>Eligible Cost :</b>	\$ 255,000.00	<b>Preconstruction :</b>	\$ -
<b>Local Cost :</b>	\$ 51,000.00	<b>Construction :</b>	\$ -

<b>Project Type:</b>	Dam - Emergency Action Plan (EAP)	<b>Cost-share %</b>	80%
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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	32.9%	Emergency Action Plan Updates and Mapping	1	LS	83,800.00	\$ 83,800.00	80%	\$ 67,040.00	
2	62.2%	Breach Analysis	1	LS	158,700.00	\$ 158,700.00	80%	\$ 126,960.00	
3	4.9%	EAP Tabletop Exercise	1	LS	12,500.00	\$ 12,500.00	80%	\$ 10,000.00	
4	0.0%		0		-	\$ -	80%	\$ -	
5	0.0%		0		-	\$ -	80%	\$ -	
	100.0%	<b>Other Eligible Total</b>				\$ 255,000.00	80%	\$ 204,000.00	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	0.0%		0		-	\$ -	80%	\$ -	
7	0.0%		0		-	\$ -	80%	\$ -	
8	0.0%		0		-	\$ -	80%	\$ -	
9	0.0%		0		-	\$ -	80%	\$ -	
10	0.0%		0		-	\$ -	80%	\$ -	
	0.0%	<b>Preconstruction Total</b>				\$ -	80%	\$ -	
<b>Construction Engineering Costs</b>									
11	0.0%		0		-	\$ -	80%	\$ -	
12	0.0%		0		-	\$ -	80%	\$ -	
13	0.0%		0		-	\$ -	80%	\$ -	
14	0.0%		0		-	\$ -	80%	\$ -	
	0.0%	<b>Construction Engineering Total</b>				\$ -	80%	\$ -	
<b>Construction Costs</b>									
15	0.0%	Mobilization	0	LS	-	\$ -	80%	\$ -	
16	0.0%	Bonding	0		-	\$ -	80%	\$ -	
17	0.0%	Insurance	0		-	\$ -	80%	\$ -	
18	0.0%		0		-	\$ -	80%	\$ -	
19	0.0%		0		-	\$ -	80%	\$ -	
20	0.0%		0		-	\$ -	80%	\$ -	
21	0.0%		0		-	\$ -	80%	\$ -	
22	0.0%		0		-	\$ -	80%	\$ -	
23	0.0%		0		-	\$ -	80%	\$ -	
24	0.0%		0		-	\$ -	80%	\$ -	
25	0.0%		0		-	\$ -	80%	\$ -	
26	0.0%		0		-	\$ -	80%	\$ -	
27	0.0%		0		-	\$ -	80%	\$ -	
28	0.0%		0		-	\$ -	80%	\$ -	
29	0.0%		0		-	\$ -	80%	\$ -	
30	0.0%		0		-	\$ -	80%	\$ -	
31	0.0%		0		-	\$ -	80%	\$ -	
32	0.0%		0		-	\$ -	80%	\$ -	
33	0.0%		0		-	\$ -	80%	\$ -	
34	0.0%		0		-	\$ -	80%	\$ -	
35	0.0%		0		-	\$ -	80%	\$ -	
36	0.0%		0		-	\$ -	80%	\$ -	
		<b>Construction Sub-Total</b>				\$ -	80%	\$ -	
	0.0%	<b>Allowable Contingency (10%)</b>				\$ -	80%	\$ -	
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	80%	\$ -	
	0.0%	<b>Construction Total</b>				\$ -	80%	\$ -	
						<b>Eligible Preconstruction</b>	\$ -	80%	\$ -
						<b>Eligible Construction</b>	\$ -	80%	\$ -
						<b>Eligible Total</b>	\$ 255,000.00	80%	\$ 204,000.00
<b>Ineligible Preconstruction Costs</b>									
37	0.0%		0		-	\$ -	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	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%	\$ -	
						<b>Ineligible Total</b>	\$ -	0%	\$ -
						<b>Project Total</b>	\$ 255,000.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 255,000.00	80%	\$ 204,000.00

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



Water Resource District • 151 S 4<sup>th</sup> St, Ste 348 • Grand Forks ND 58201

Phone Number: 701-741-2383

North Dakota Department of Water Resources  
 SWC Cost-Share Program  
 1200 Memorial Highway  
 Bismarck, ND 58504-5262

**Subject: Grand Forks County Dams – Emergency Action Plans**

To Whom It May Concern,

The Grand Forks County Water Resource District (GFCWRD) respectfully requests consideration for cost-share funding from the North Dakota Department of Water Resources (DWR) to update our Emergency Action Plans (EAPs) for our high and medium hazard dams. GFCWRD owns eight dams that are classified as high or medium hazard, as summarized below:

- High hazard dams (five): Fordville Dam; Upper Turtle River Ret. Dam 4; Upper Turtle River Ret. Dam 5; Upper Turtle River Ret. Dam 9 (Larimore Dam); English Coulee Dam.
- Medium hazard (three): Upper Turtle River Ret. Dam 1; Upper Turtle River Ret. Dam 6 (Kolding Dam); Upper Turtle River Ret. Dam 8.

The existing EAPs for these dams are in need of updates to meet the requirements in the DWR's *North Dakota Dam Safety Standards*. The proposed EAP updates for each dam would include clerical revisions to the EAP document, downstream inundation modeling and revised mapping, and evaluation of downstream impacts associated with potential dam breach scenarios. Upon completion of the updated EAPs, a tabletop exercise will be conducted to identify any additional revisions prior to finalizing. All work would be completed to meet the DWR's *North Dakota Dam Safety Standards* effective April 1, 2026.

The total estimated cost to update all eight EAPs is \$255,000. The GFCWRD respectfully requests 80% cost-share for the EAP updates, in the amount of \$204,000.

We appreciate your consideration of this request. If you have any questions, please feel free to contact our office at (701) 780-8312.

Sincerely,

GRAND FORKS COUNTY WATER RESOURCE DISTRICT

Lori Christianson  
 Secretary-Treasurer

Water Board Managers		Secretary/Treasurer	Attorney	Engineer
Tom Perdue	Tim Farrell	Lori Christianson	Dan Gaustad	Jerry Pribula
Jim Heider	Tom Durkin			
Bob Drees				

**THE GRAND FORKS COUNTY WATER RESOURCE DISTRICT**  
**151 S. 4<sup>th</sup> St, Suite 348, Grand Forks, ND 58203**  
**April 01, 2026**

**APPROVED**

The Regular meeting of the GF County Water Resource District was held at 9:00 am on April 01, 2026 at the Water Resource District Office. Attending were Robert Drees, Tom Perdue, Tom Durkin, Jim Heider, Tim Farrell, and Lori Christianson.

Also attending were Engineers Jerry Pribula, Nick Pribula, Nick West, and Attorney Dan Gaustad

Other Visitors: None

**Minutes of the last Meeting:**

Tom Durkin corrected the section regarding water levels will be checked weekly in connection to Hoverson taking water for irrigation at Fordville Dam, not Larimore Dam. *A motion was made by Jim Heider to approve the minutes of March 18, 2026 with the requested change, Tim Farrell seconded the motion. The motion passed without further discussion.*

**Addition or Removal of Agenda Items:**

No changes were made to the present Agenda.

**Bills presented to pay:**

*A motion to approve the bills was made by Tom Durkin and seconded by Tim Farrell. A rollcall vote was taken with all members voting yes.*

Date	Check #	Vendor/Employee	Description	Amount
04/03/26	31229	Advanced Business Solutions	Copier/Printer Lease	\$ 100.39
04/03/26	31226	State Farm	Inland Marine	\$ 2,489.00
04/03/26	31225	M&K Porta Potties	Fordville Campground Yearly	\$ 735.00
03/20/26	31219	Nodak Electric	Larimore Campground	\$ 1,021.60
03/20/26	31219	Nodak Electric	Fordville Campground	\$ 399.18
04/03/26	31228	Tri-County Water District	Fordville Campground	\$ 59.00
04/03/26	31228	Tri-County Water District	Larimore Campground	\$ 236.00
04/03/26	31227	Starion Bond Service	LD#59	\$ 238,472.50
04/03/26	31224	Starion Bond Service	LD#58	\$ 115,605.00
03/31/26	DD	Payroll	Lori Christianson	\$ 2,337.32
03/31/26	DD	Payroll	Robert Drees	\$ 2,556.61
03/31/26	DD	Payroll	Tom Durkin	\$ 1,975.66
03/31/26	DD	Payroll	Tim Farrell	\$ 1,929.73
03/31/26	DD	Payroll	Jim Heider	\$ 2,095.28
03/31/26	DD	Payroll	Tom Perdue	\$ 2,026.78
03/31/26	DD	Payroll - Fordville	Perry Bellah	\$ 1,138.75
03/31/26	31215	Payroll - Larimore	Nat Bornsen	\$ 5,501.97
03/31/26	DD	Payroll - Larimore	Joni Schill	\$ 4,026.06
04/07/26	ACH	NDPERS	Retirement	\$ 2,724.69
03/31/26	ACH	IRS	Payroll Taxes	\$ 5,768.11
<b>Total</b>				<b>\$ 391,198.63</b>

**Public Comment Period:**

- No one was present for public comment.

## Attorney Report:

### Engineering Report by Jerry Pribula:

- Primary outlet structure on Dam 8 has a separated pipe that controls the pool elevation. Higher Ground has been instructed to dig up the pipe and make the repairs.
- Grand Forks Country Club removed a bridge over Cole Creek and put in fill material over culverts to make a road. They are now having issues which is affecting Cole Creek. Even though this is private property, it does involve water in Cole Creek, so the Grand Forks County Water Resource District agreed to investigate what it would take to solve the issue.
- An approach needs to be repaired on Legal Drain 57 in the SE ¼ of Section 6 in Northwood Township. The expected repair could include replacing the aprons, replacing erodent soil, and adding grouted rip rap to the slope. Jerry Pribula has instructed Higher Ground to perform the work.

### Legal Drain #4 Reconstruction & Extension Updates:

- Nick Pribula is in contact with the ND Department of Transportation and answering questions as they arise regarding the permit needed from them.
- The 408 Permit from the US Army Corps of Engineers (USACE) is moving forward.
- The 404 Permit from the USACE is moving forward but is slowed down due to legislative changes effective April 1, 2026.
- The Department of Water Resources requested the results of our Statewide Impact Hearing to be able to move forward with their permitting process. *A motion was made by Tom Perdue to have Attorney Dan Gaustad draft a formal order to approve the permit based on evidence gathered at the hearing. Tim Farrell seconded the motion. The motion passed unanimously.*
- Leighton Broadcasting submitted additional conditions to the Land Purchase Agreement. Dan Gaustad suggested the following provisions be made prior to signing: determination of costs and clarifying that once the easement reverts back to Leighton, any work done cannot interfere or obstruct our operation of Legal Drain #4.

## GF Highway Department Report:

### Persons with Appointments:

### Unfinished Business:

- Dan Gaustad suggested a provision be added to the Service Agreement for Houston Engineering to prepare the EAP updates. He is going to reach out to them for revision prior to signing. The motion from the March 18<sup>th</sup>, 2026 meeting authorizing Houston Engineering to do the Emergency Action Plans for our eight dams has been amended to include the following:
  - *A motion was made Tom Durkin and seconded by manager Jim Heider to approve the Service Agreement subject to revisions requested by Dan Gaustad. This motion also acknowledges and approves submission of an application for cost-share to the ND DWR and RRJWRD for the Emergency Actions Plans (EAP) Update Project. The motion passed unanimously.*

### New Business:

- The Board agreed not to charge Polar Communications for the previous permits. Utility companies will be charged for any future permits.
- The financials were reviewed. The Board requested someone to come from the bank to discuss investment opportunities.
- Brady Martz submitted an Audit Agreement. *Tom Durkin motioned to approve Bob Drees to sign the agreement. Jim Heider seconded the motion. The motion passed unanimously.*
- Dam 8 has opened up and water is flowing.

**Drain Tile Permits: None**

**Manager Reports**

Bob Drees: Nothing

Tim Farrell: Nothing

Tom Durkin:

- Will provide Lori with a web address to view daily water levels at Fordville Dam.

Jim Heider: Nothing

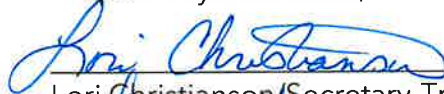
Tom Perdue:

- The road leading into the parking lot for the English Coulee has a low spot on the East side of the bridge. He is suggesting placing a 12" culvert under the road at that point.
- Tom Perdue has been in contact with the NRCS who are requesting a letter asking them to place gauge markings on all our dams. *Tom Perdue motioned Lori Christianson to draft a letter to the NRCS.. Tom Durkin seconded the motion, the motion passed unanimously.*

Lori Christianon:

Bob Drees adjourned the meeting at 10:50 AM.

Respectfully Submitted,



Lori Christianson/Secretary-Treasurer



Robert Drees/Chairperson

4-15-2024

Date of Proof

# 1088073 - WAWSA Private Cellular Telemetry SCADA Project

## Application Details

---

<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 24, 2026 1:53 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Weston McGruder
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Cheryl  
First Name

Middle Name McNeil  
Last Name

**Title:** Financial Controller

**Email\*:** cheryl.mcneil@wawsp.com

**Address\*:** 1117 E Broadway

### Organization Information

**Status\*:** Approved

**Name\*:** Western Area Water Supply Authority

**Organization** Municipal Government

**Type\*:**

**Tax Id:** 45-2909916

**Organization Website:**

**Address\*:** PO Box 2343

Williston North Dakota  
 City State/Province

58801  
 Postal Code/Zip

**Phone\*:** (701) 774-6605 204  
 Phone Ext.  
 ###-###-####

**Fax:** (701) 774-6606  
 ###-###-####

**Comments:**

Williston North Dakota  
 City State/Province

58802-2343  
 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

---

### *Infrastructure Funding Request*

**Project Name\*:** WAWSA Private Cellular Telemetry SCADA Project

**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?:** Water Supply

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

The original radio telemetry throughout the WAWSA system is nearing or at the end of its life. Most of the radio models are no longer manufactured and the on-hand replacement stock has been used.

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

Replace the existing radio telemetry throughout the WAWSA System with cellular telemetry.

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

Upgrade the WAWSA system SCADA from radio to cellular telemetry.

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

Procure, program, and install cellular telemetry units through the WAWSA system.

For this project,

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

**What is the Current Estimated Population\*?:** 70000

**For this project,**

**What is the Benefited Population?\***: 70000

**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\*:** 04/2026

**Design Completion\*:** Not Applicable

**Bid\*:** Not Applicable

**Construction Start\*:** 07/2026

**Construction Completion\*:** 10/2026

**Explain Additional Timeline Issues\*:**  
 No timeline issues anticipated

**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

Chris Barke 04/24/2026  
 First Name Last Name Date

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.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

01 WAWSA\_Cellular\_Telemetry\_SCADA\_Site\_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 WAWSA\_Private\_Cellular\_Telemetry\_Cost\_Share\_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 WAWSA\_Cellular\_Telemetry\_SCADA\_Delineation\_of\_Cost.xlsx

**Type of Request:**

Construction

**Signed Plans and Specifications For Bidding:**

05 Plans\_\_Specs\_Not\_Applicable\_Explanation.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:**

06 WAWSA\_Cellilar\_Telemetry\_SCADA\_Life\_Cycle\_Cost\_Analysis.xlsx

CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** 07 WAWSA\_Basic\_Asset\_Inventory.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:**

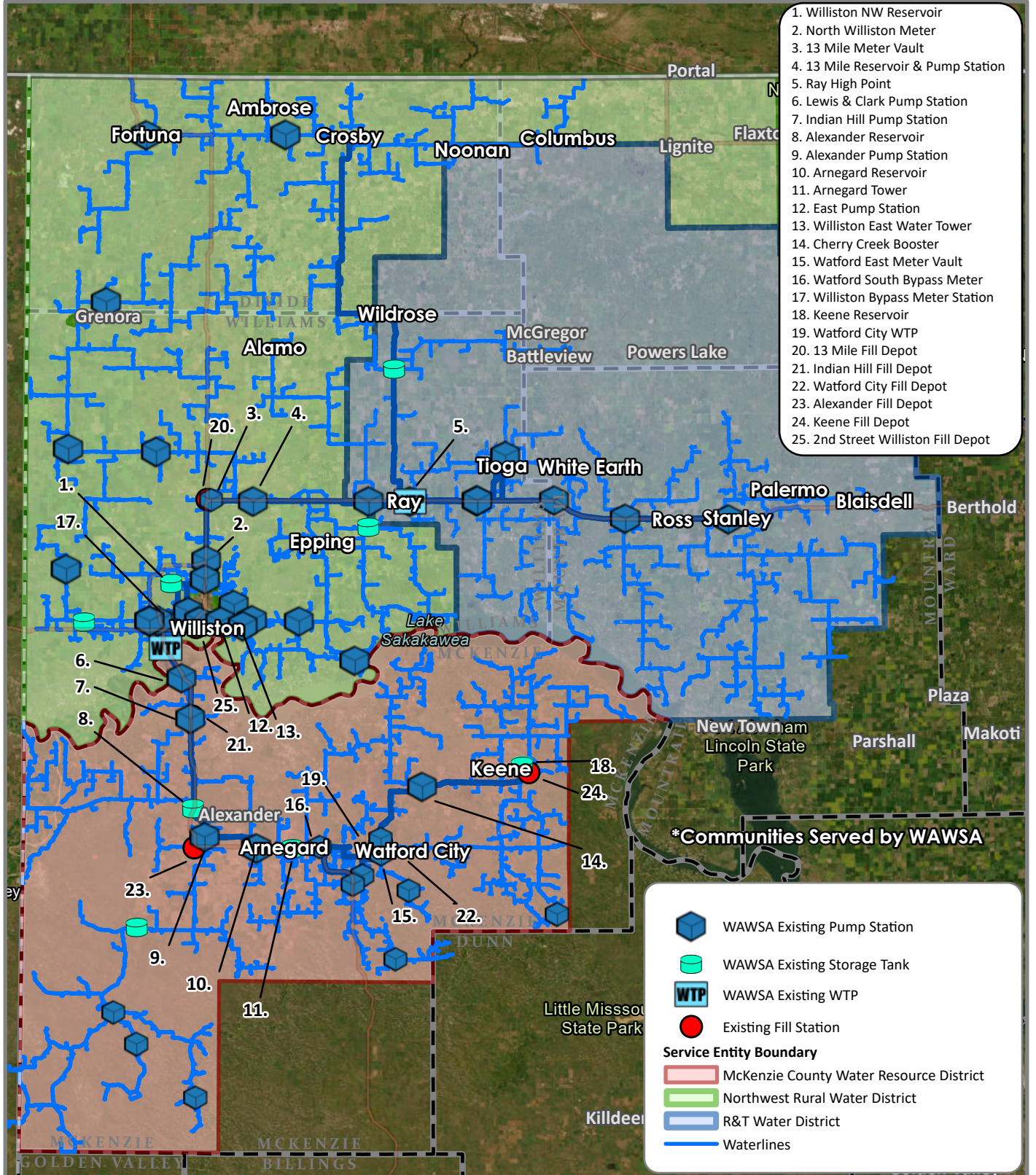
**GIS Files:** Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**

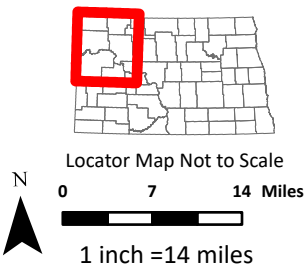
# Sources

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

Source	If Other, Specify Funding Source	Source Status	State Fiscal			Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$74,250.00	\$0.00	\$74,250.00	Grant	0.00	0.00
Other	WAWSA domestic capital reserve account	Current Request	\$0.00	\$24,750.00	\$0.00	\$24,750.00		0.00	0.00
Other	BND WAWSA industrial capital reserve account	Current Request	\$0.00	\$38,500.00	\$0.00	\$38,500.00		0.00	0.00
			<b>\$0.00</b>	<b>\$137,500.00</b>	<b>\$0.00</b>	<b>\$137,500.00</b>			



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 | Edited by: R\Ydzral | W:\WAWSA\GIS\_General\GIS\WAWSA GIS General - Mapping and Analysis.aprx | WAWSA Rural Water System Phase Map



## WESTERN AREA WATER SUPPLY PROJECT RURAL WATER DISTRICT MAP WAWSA



Date: 4/24/2026





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

DWR Date Received : April 24, 2026

Date :	4/24/26
Project :	WAWSA Private Cellular Telemetry SCADA Project
Sponsor :	Western Area Water Supply Authority
Contact :	Chris Barke, Executive Director
Phone :	701-570-0426
Engineer :	Weston McGruder, AE2S
Phone :	701-320-4838

Total Cost :	\$ 137,500.00	Total Cost-Share* :	\$ 74,250.00
Ineligible Cost :	\$ 38,500.00	Other Eligible :	\$ -
Eligible Cost :	\$ 99,000.00	Preconstruction :	\$ -
Local Cost :	\$ 63,250.00	Construction :	\$ 74,250.00

Project Type:	Water Supply - Regionalization	Cost-share %	75%
---------------	--------------------------------	--------------	-----

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		-	\$ -	75%	\$ -	
2	0.0%		0		-	\$ -	75%	\$ -	
3	0.0%		0		-	\$ -	75%	\$ -	
4	0.0%		0		-	\$ -	75%	\$ -	
5	0.0%		0		-	\$ -	75%	\$ -	
	0.0%	<b>Other Eligible Total</b>				\$ -	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%	<b>Preconstruction Total</b>				\$ -	75%	\$ -	
<b>Construction Engineering Costs</b>									
11	10.8%	I&C System Services	1	LS	14,850.00	\$ 14,850.00	75%	\$ 11,137.50	
12	0.0%		0		-	\$ -	75%	\$ -	
13	0.0%		0		-	\$ -	75%	\$ -	
14	0.0%		0		-	\$ -	75%	\$ -	
	10.8%	<b>Construction Engineering Total</b>				\$ 14,850	75%	\$ 11,137.50	
<b>Construction Costs</b>									
15	0.0%	Mobilization	0	LS	-	\$ -	75%	\$ -	
16	0.0%	Bonding	0	LS	-	\$ -	75%	\$ -	
17	0.0%	Insurance	0	LS	-	\$ -	75%	\$ -	
18	55.6%	Cellular Telemetry Installation	18	EA	4,250.00	\$ 76,500.00	75%	\$ 57,375.00	
19	0.0%		0		-	\$ -	75%	\$ -	
20	0.0%		0		-	\$ -	75%	\$ -	
21	0.0%		0		-	\$ -	75%	\$ -	
22	0.0%		0		-	\$ -	75%	\$ -	
23	0.0%		0		-	\$ -	75%	\$ -	
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%	\$ -	
		<b>Construction Sub-Total</b>				\$ 76,500.00	75%	\$ 57,375.00	
	5.6%	<b>Allowable Contingency (10%)</b>				\$ 7,650.00	75%	\$ 5,737.50	
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	75%	\$ -	
	61.2%	<b>Construction Total</b>				\$ 84,150.00	75%	\$ 63,112.50	
						Eligible Preconstruction	\$ -	75%	\$ -
						Eligible Construction	\$ 99,000.00	75%	\$ 74,250.00
						<b>Eligible Total</b>	\$ 99,000.00	75%	\$ 74,250.00
<b>Ineligible Preconstruction Costs</b>									
37	0.0%		0		-	\$ -	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -	
<b>Ineligible Construction Costs</b>									
41	28.0%	Industrial Sites	1	LS	38,500.00	\$ 38,500.00	0%	\$ -	
42	0.0%		0		-	\$ -	0%	\$ -	
43	0.0%		0		-	\$ -	0%	\$ -	
44	0.0%		0		-	\$ -	0%	\$ -	
	28.0%	<b>Construction Ineligible Total</b>				\$ 38,500.00	0%	\$ -	
						<b>Ineligible Total</b>	\$ 38,500.00	0%	\$ -
						<b>Project Total</b>	\$ 137,500.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 99,000.00	75%	\$ 74,250.00

\* 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:** Western Area Water Supply Authority  
**Project Title:** WAWSA Private Cellular Telemetry SCADA  
**Date:** April 29, 2026

**Explanation of Alternatives:**

- **Cellular Telemetry SCADA(Preferred):** Existing SCADA upgraded from radio to cellular at 25 sites (18 Domestic and 7 Industrial)
- Radio Telemetry SCADA: Existing SCADA upgraded with the newest radio models at 25 sites (18 Domestic and 7 Industrial)
- Do Nothing: Existing radios remain as-is and are replaced with cellular as they fail.

**Inputs:**

New Connections Served	0
Future Connections Served	0
Current Connections Served	5299
Net Connections (New + Current)	5299

Current CIF Balance	\$20,260,000
Annual CIF Contribution	\$3,000,000
Cash Funding Target (Percentage %) New Assets	25%
Cash Funding Target (Percentage %) Existing Assets	50%
Annual CIF Contribution suggested for the Project	\$1,910

	Cellular Telemetry SCADA	Radio Telemetry SCADA	Do Nothing
Construction Cost	\$137,700	\$278,000	\$0
Annual O & M	\$15,000	\$20,000	\$10,000

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	Cellular Telemetry SCADA	Radio Telemetry SCADA	Do Nothing
Capital Costs	\$138,000	\$278,000	\$0
O&M	\$366,000	\$488,000	\$252,000
Repair, Rehab, Replacement	\$132,000	\$310,000	\$0
Salvage Value	\$6,000	\$14,000	\$0
<b>Total PVC</b>	<b>\$630,000</b>	<b>\$1,062,000</b>	<b>\$252,000</b>
<b>PV Cost Per User</b>	<b>\$119</b>	<b>\$200</b>	<b>\$48</b>
Construction Cost Per User	\$26	\$52	
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$90</b>		
<b>Comparable Water Rate</b>	<b>\$84</b>		
Net Connections (New + Current)	5,299	5,299	5,299
Cost-Share Percent	75%	75%	75%
Local Share	\$34,500	\$69,500	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$34,500	\$69,500	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$0.03</b>	<b>\$0.07</b>	<b>\$0.00</b>
Local Share	\$138,000	\$278,000	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$138,000	\$278,000	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$0.13</b>	<b>\$0.27</b>	<b>\$0.00</b>

**Explanation of Results:**

The preferred project upgrades the WAWSA system SCADA from radio to cellular telemetry. Present value cost per user is \$119 and construction cost per user is \$26. The monthly cost with 75% DWR cost-share participation is \$0.03 per user and \$0.13 per user without DWR

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 1.2024.04.18



April 16, 2026

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

**RE: Western Area Water Supply Authority (WAWSA)  
Private Cellular Telemetry SCADA Project Cost Share**

Dear Mr. Haase:

Over the past fourteen years, WAWSA and its member entities have successfully used North Dakota Department of Water Resources (DWR) cost share funding to support and expand regional water service to over 4,000 new rural customers and to 16 Cities throughout northwestern North Dakota. WAWSA, in cooperation with its five member entities, continues working to expand regional water service in Burke, Divide, McKenzie, Mountrail, and Williams Counties

To continue the regional water mission, WAWSA is requesting cost share funding for the programming, procurement and installation of private cellular telemetry at 25 existing pump stations, reservoirs and meter vaults. The original radio telemetry throughout the WAWSA system is nearing or at the end of its life. Most of the radio models are no longer manufactured and the on-hand replacement stock has been used. The expansion of cellar coverage to northwest North Dakota over the past decade has led to the ability to switch to more reliable cellar networks for SCADA telemetry.

Of the 25 sites, 18 are part of the domestic system and 7 are part of the industrial system. The total project cost is \$137,500.00 for all sites. **WAWSA is requesting 75% cost share in the amount of \$74,250.00 to cover the \$99,000.00 total for the sites that are part of the WAWSA domestic system.** The \$38,500.00 total for the WAWSA industrial system sites will be requested from the Bank of North Dakota as a capital improvements expense out of the WAWSA industrial capital reserve account.

Thank you very much for your assistance with this important project for the Western Area Water Supply Authority. If you have any questions, please do not hesitate to contact me at 701-774-6605 or Weston McGruder with AE2S, LLC. at 701-770-3080.

Sincerely,

A handwritten signature in blue ink that reads "Chris Barke".

**Chris Barke, Executive Director**

Western Area Water Supply Authority

**Western Area Water Supply Authority  
Board of Directors Meeting  
WAWSA Office April 16, 2026**

**Attendees**

Members Present: Doug Anderson, also voting for Gary Rust, Matt Beard, Kent Bickler, Raoul Brandt, Ellis Haake, Robert Harms, Larry Novak, and Chris Brostuen, also voting for Ward Koeser

Members Absent: Ward Koeser and Gary Rust

Others Present: Chris Barke (WAWSA), Char Imsland (WAWSA), Cheryl McNeil (WAWSA), Dave Bell (WAWSA), Brittaney Carrillo (WAWSA), Weston McGruder (AE2S), Curt Clarys (City of Williston), Kenny Bergstrom (City of Williston), David Juma (City of Williston), Taylor Galeazzo (MCWRD), Ben Lokken (R&T), Garrett Lalim (Heart-E Water), Dallas Lalim (Heart-E Water), Richard Ryan, Jacob Monson (WAWSA) via video, Dustin Schultz (AE2S) via video, Graydon Olson (AE2S) via video, Jason Faller (City of Watford City) via video, and Wyatt Eaton (J.F. Brennan) 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. **Haake moved to approve the agenda as presented, Anderson seconded.**

MOTION CARRIED UNANIMOUSLY BY VOICE VOTE.

**Approval of the Minutes**

The March 19, 2026, board meeting minutes were presented for approval. **Novak moved to approve the minutes as presented, Bickler seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, and Novak

Nay: 0

Abstain: Brostuen

Carried: 7-0

**Financial Reports**

The Domestic and Industrial financial reports were presented to the board for their consideration and discussion.

The March capital accounting report was also presented to the board for their consideration and discussion.

### **Public Comment Period**

No public comments were presented.

### **Dallas Lalim – Lake Sacajawea Intake**

Dallas and Garrett Lalim addressed the board in the hopes of obtaining a letter of support from WAWSA to submit an application to the USACE to put an intake on the north side of Lake Sacajawea. Brostuen recommended that this be brought to the Executive Committee for further discussion.

### **Executive Director’s Report**

Barke provided the board with an update on WAWSA’s water usage and system updates.

He reported that the on-site audit conducted by Brady Martz is scheduled to begin on May 4, 2026.

### **State Water Commission Update**

Barke reported that he gave a quarterly update to the SWC on the 2025-2027 biennium projects on April 8, 2026.

He also submitted a water development plan for the 2027-2029 biennium to the DWR.

### **AE2S Reports**

McGruder provided the board with the construction project updates.

### **MCWRD Phase II Transmission Main – TO 88**

McGruder presented the board with the certificate of substantial completion for the MCWRD Phase II Transmission Main – TO 88 project. **Haake moved to approve the certificate of substantial completion for the MCWRD Phase II Transmission – TO 88 project, Anderson seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

### **WTP Intake Remediation – TO 91**

Dustin Schultz and Wyatt Eaton provided the board with four budgetary pricing options and explained their recommended approach for the WTP Intake Remediation – TO 91 project. The four options and their pricing are as follows:

- 36” Dual Pipeline (HDPE DR13.5 Pipe) - \$31,500,000
- 42” Dual Pipeline (HDPE DR13.5 Pipe) - \$31,700,000 – **Recommended Approach**
- 36” Dual Pipeline (Steel Pipe) - \$32,100,000
- 42” Dual Pipeline (Steel Pipe) - \$33,000,000

**Novak moved to approve proceeding with the recommended approach of a 42” Dual Pipeline (HDPE DR13.5 Pipe) for \$31,700,000, Harms seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

McGruder presented a SWC project scope change and cost increase request letter for the WTP Intake Remediation – TO 91 project. The board has selected MTBM Option #3 and is requesting additional funding of \$515,000 at a 75% cost-share, amounting to \$386,250 for a new total preconstruction phase services amount of \$2,188,000. The additional funding would allow for full design and additional geotechnical investigations to be completed for the scope change, as well as allow for a 10% design phase contingency for further site investigations or permitting requirements requested by the USACE during the ongoing permitting process. **Haake moved to approve the SWC project scope change and cost increase request letter for the WTP Intake Remediation – TO 91 project, as presented, Novak seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

### **WAWSA SCADA System Upgrades – TO 92**

McGruder presented a SWC funding request letter for the programming, procurement, and installation of private cellular telemetry at 25 existing pump stations, reservoirs, and meter vaults. He reported that of the 25 sites, 18 are part of the domestic system and 7 are part of the industrial system. The total project cost is \$137,500, and WAWSA would be requesting 75% cost share for the domestic system portion in the amount of \$74,250 to cover the \$99,000 total for the sites on the domestic system. **Novak moved to approve the SWC funding request letter for the WAWSA SCADA system upgrades – TO 92 project, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, 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 \$342,280.73.

## SWC Grant Requests

SWC \$24M grant request 76-041626, SWC \$13.5M grant request 29-041626, SWC \$9.7M grant request 13-041626, SWC \$8M grant request 24-041626, SWC \$99K grant request 11-041626, SWC \$2M grant request 07-041626, SWC \$14M grant request 10-041626, and SWC \$1M grant request 05-041626 were presented to the board for their approval. **Anderson moved to approve the SWC monthly grant requests as presented, Bickler seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

Brostuen adjourned the meeting at 11:13 am.

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Chris Brostuen, Chairman

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Char Imsland, Secretary

# 1088079 - WAWSA - WTP Intake Phase II Scope Change and Additional Funding

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 27, 2026 7:42 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Weston McGruder
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Cheryl  
First Name  
Middle Name McNeil  
Last Name

**Title:** Financial Controller

**Email\*:** cheryl.mcneil@wawsp.com

**Address\*:** 1117 E Broadway

### 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  
 City State/Province

58801  
 Postal Code/Zip

**Phone\*:** (701) 774-6605 204  
 Phone Ext.  
 ###-###-####

**Fax:** (701) 774-6606  
 ###-###-####

**Comments:**

Williston North Dakota  
 City State/Province

58802-2343  
 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

---

### *Infrastructure Funding Request*

**Project Name\*:** WAWSA - WTP Intake Phase II

**Sponsor(s)\*:** Western Area Water Supply Authority

**County\*:** Williams

**City\*:** Williston

**Description of Request\*:** Updated (previously submitted)

**Project Type:** Rural Water Supply

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

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

**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\*:**

During WTP backflush operations, scouring at the surface of the water in the river is noticed from the intake pipelines within the river. The water plant staff has reported elevated sand concentrations in the processes of the plant for quite some time, and it became apparent that a breach is present in the raw water pipelines. WAWSA and its member entities selected a CMAR to complete an assessment of the raw water pipelines to understand their current condition and to provide options on remediation of the found issues. The CMAR completed the Phase I - Assessment and has moved into Phase II - Design.

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

Phase II started by evaluating three main methods of construction. Method 1 - Open Cut; Method 2 - Horizontal Directional Drilling (HDD); Method 3 - Microtunnel Boring Machine (MTBM). These three methods were further evaluated with their own alternatives individually and combined. The WAWSA Board of Directors has selected a MTBM method and alternative to design for the installation of dual 42.0-inch Carrier Pipes inside dual 62.0-inch Casing Pipes.

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

Finalize geotechnical data collection, final design, and permitting for replacement of the intake pipelines.

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

Finalize design the permitting for the new intake pipelines.

For this project,

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

**What is the Current Estimated Population?\***: 70000

For this project,

**What is the Benefited Population?\***: 70000

**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?\***: No

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

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

Project requires US Army Corps of Engineers section 404 and possibly a section 10 permit.

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

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

A sovereign lands permit will be required for the project. A temporary permit was granted for some

geotechnical work completed last year.

**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.)?\***: Yes

**If Yes, Please Explain:**

The goal is to have all permits by end of 2026. These permits are currently on track, but US Army Corps of Engineers permit review timelines are out of our control.

**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\***: 04/2025  
**Design Completion\***: 11/2026  
**Bid\***: 12/2026  
**Construction Start\***: 04/2027  
**Construction Completion\***: 10/2027

**Explain Additional Timeline Issues\***:

USACE permits may cause delays. Currently the project is on track for completing permitting by the end of 2026.

**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 04/27/2026  
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** Chairman  
**Title/Position:**

**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.\*:**

No

[CLICK HERE to see examples.](#)

**Project Specific Map**

01\_WAWSA\_Phase\_II\_Raw\_Water\_Intake\_Project\_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\_WAWSA\_Phase\_II\_Raw\_Water\_Intake\_Preconst\_Scope\_\_Cost\_Change\_Letter .pdf

**Are You Seeking Cost-Share for a Main Street Initiative** No

**Related Project?:**

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

**Delineation of Costs SFN 61801:** 04\_WAWSA\_Phase\_II\_Intake\_Delineation\_of\_Cost.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\_Phase\_II\_Intake\_Life\_Cycle\_Cost\_Analysis.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	Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Type	Term	Interes Rate
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$1,254,750.00	\$0.00	\$0.00	\$1,254,750.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Already Approved	\$418,250.00	\$0.00	\$0.00	\$418,250.00	Loan	30.00	2.00
Department of Water Resources Cost Share		Current Request	\$386,250.00	\$0.00	\$0.00	<b>\$386,250.00</b>	Grant	0.00	0.00

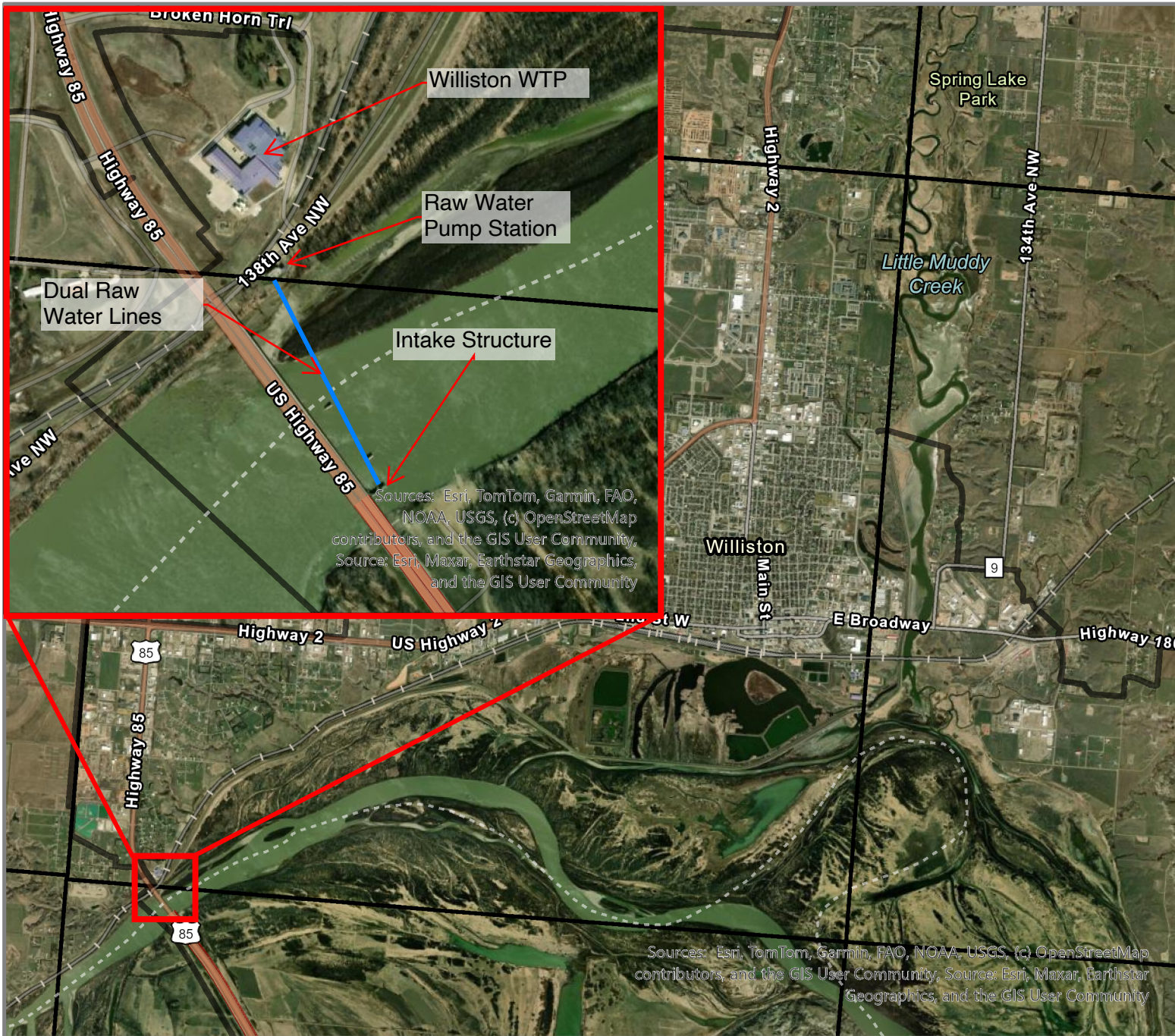
Pre-Construction

Drinking Water State Revolving Fund	Current Request	\$128,750.00	\$0.00	\$0.00	\$128,750.00	Loan	30.00	2.00
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Department of Water Resources Cost Share Construction	Future Request	\$0.00	\$27,652,500.00	\$0.00	\$27,652,500.00	Grant	0.00	0.00
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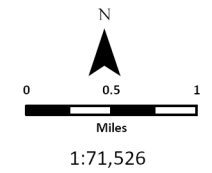
Drinking Water State Revolving Fund	Future Request	\$0.00	\$9,217,500.00	\$0.00	\$9,217,500.00	Loan	30.00	2.00
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		<b>\$2,188,000.00</b>	<b>\$36,870,000.00</b>	<b>\$0.00</b>	<b>\$39,058,000.00</b>			
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Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Locator Map Not to Scale

Williston  
Williams County, ND

# WAWSA WILLISTON WTP INTAKE REMEDIAION PROJECT

WAWSA

Date: 4/25/2025





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

DWR Date Received : 04/27/2026

Date :	4/26/26
Project :	WAWSA Raw Water Intake Project
Sponsor :	Western Area Water Supply Authority
Contact :	Chris Barke, Executive Director
Phone :	701-570-0426
Engineer :	Weston McGruder, AE2S
Phone :	701-320-4838

Total Cost :	\$ 39,058,000.00	Total Cost-Share* :	\$ 29,293,500.00
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 39,058,000.00	Preconstruction :	\$ 1,641,000.00
Local Cost :	\$ 9,764,500.00	Construction :	\$ 27,652,500.00

Request \$386,250.00

Project Type:	Water Supply - Regionalization	Cost-share %	75%
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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		-	\$ -	75%	\$ -	
2	0.0%		0		-	\$ -	75%	\$ -	
3	0.0%		0		-	\$ -	75%	\$ -	
4	0.0%		0		-	\$ -	75%	\$ -	
5	0.0%		0		-	\$ -	75%	\$ -	
	0.0%	<b>Other Eligible Total</b>				\$ -	75%	\$ -	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	3.9%	CMAR Design Phase Services	1	LS	1,537,000.00	\$ 1,537,000.00	75%	\$ 1,152,750.00	
7	0.6%	Owner's Engineer Design Phase Services	1	LS	242,000.00	\$ 242,000.00	75%	\$ 181,500.00	
8	0.5%	USACE Permitting	1	LS	210,000.00	\$ 210,000.00	75%	\$ 157,500.00	
9	0.5%	CMAR Design Contingency	1	LS	199,000.00	\$ 199,000.00	75%	\$ 149,250.00	
10	0.0%		0		-	\$ -	75%	\$ -	
	5.6%	<b>Preconstruction Total</b>				\$ 2,188,000.00	75%	\$ 1,641,000.00	
<b>Construction Engineering Costs</b>									
11	1.3%	Construction Contract Mgmt.	1	LS	500,000.00	\$ 500,000.00	75%	\$ 375,000.00	
12	3.8%	Construction Observation	1	LS	1,500,000.00	\$ 1,500,000.00	75%	\$ 1,125,000.00	
13	0.0%		0		-	\$ -	75%	\$ -	
14	0.0%		0		-	\$ -	75%	\$ -	
	5.1%	<b>Construction Engineering Total</b>				\$ 2,000,000.00	75%	\$ 1,500,000.00	
<b>Construction Costs</b>									
15	12.8%	Mobilization	1	LS	5,000,000.00	\$ 5,000,000.00	75%	\$ 3,750,000.00	
16	1.3%	Bonding	1	LS	500,000.00	\$ 500,000.00	75%	\$ 375,000.00	
17	1.3%	Insurance	1	LS	500,000.00	\$ 500,000.00	75%	\$ 375,000.00	
18	7.2%	Cofferdam (Wet Well and Intake)	1	LS	2,800,000.00	\$ 2,800,000.00	75%	\$ 2,100,000.00	
19	16.1%	Cofferdam (Wet Well and Intake)	1	LS	6,300,000.00	\$ 6,300,000.00	75%	\$ 4,725,000.00	
20	2.3%	Connection to Wet Well / Intake	1	LS	900,000.00	\$ 900,000.00	75%	\$ 675,000.00	
21	9.7%	Connection to Wet Well / Intake	1	LS	3,800,000.00	\$ 3,800,000.00	75%	\$ 2,850,000.00	
22	28.2%	MTBM & Piping Install	1	LS	11,000,000.00	\$ 11,000,000.00	75%	\$ 8,250,000.00	
23	1.0%	Temporary Pumping	1	LS	400,000.00	\$ 400,000.00	75%	\$ 300,000.00	
24	0.8%	Cellular Grouting of Casing & Carrier Pipe Space	1	LS	300,000.00	\$ 300,000.00	75%	\$ 225,000.00	
25	0.5%	Cap and Fill Existing Pipes	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00	
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%	\$ -	
		<b>Construction Sub-Total</b>				\$ 31,700,000.00	75%	\$ 23,775,000.00	
	8.1%	<b>Allowable Contingency (10%)</b>				\$ 3,170,000.00	75%	\$ 2,377,500.00	
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	75%	\$ -	
	89.3%	<b>Construction Total</b>				\$ 34,870,000.00	75%	\$ 26,152,500.00	
						Eligible Preconstruction	\$ 2,188,000.00	75%	\$ 1,641,000.00
						Eligible Construction	\$ 36,870,000.00	75%	\$ 27,652,500.00
						<b>Eligible Total</b>	\$ 39,058,000.00	75%	\$ 29,293,500.00
<b>Ineligible Preconstruction Costs</b>									
37	0.0%		0		-	\$ -	0%	\$ -	
38	0.0%		0		-	\$ -	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	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%	\$ -	
						<b>Ineligible Total</b>	\$ -	0%	\$ -
						<b>Project Total</b>	\$ 39,058,000.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 39,058,000.00	75%	\$ 29,293,500.00

\* 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:** Western Area Water Supply Authority  
**Project Title:** WAWSA Raw Water Intake Project

**Date:** April 29, 2026

**Explanation of Alternatives:**

Project alternatives reflect differences in installation methods and materials:

**MTBM - Dual 42.0-inch Carrier Pipes Inside Dual 62.0-inch Casing Pipe - Preferred:** Microtunnel bore machine (MTBM) method is used to install dual 42.0-inch HDPE carrier pipes inside dual 62.0 inch steel casing pipes. Existing intake lines are capped and filled, and new carrier pipes are connected to the existing intake structure and existing raw water pumpstation.

Alt 2: MTBM - Dual 42.0-inch Carrier Pipes Inside Single 102.0-inch Casing Pipe  
 Alt 3: Horizontal Directional Drilling (HDD) - Dual 42.0-inch HDPE Carrier Pipes  
 Do Nothing: Pipelines remain as-is, existing issues are not addressed, and infrastructure failures are addressed as they occur.

**Inputs:**

New Connections Served	0	Current CIF Balance	N/A
Future Connections Served	0	Annual CIF Contribution	N/A
Current Connections Served	28475	Cash Funding Target (Percentage %) New Assets	N/A
Net Connections (New + Current)	28475	Cash Funding Target (Percentage %) Existing Assets	N/A
		Annual CIF Contribution suggested for the Project	N/A

	<b>MTBM - Dual 42.0-inch Carrier Pipes Inside Dual 62.0-inch Casing Pipe - Preferred</b>	Alt 2: MTBM - Dual 42.0-inch Carrier Pipes Inside Single 102.0-inch Casing Pipe	Alt 3: HDD - Dual 42.0-inch HDPE Pipes	Do Nothing
Construction Cost	\$39,058,000	\$42,668,000	\$36,728,000	\$0
Annual O & M	\$20,000	\$20,000	\$20,000	\$0

**Details:**

Project addresses an identified breach of existing raw water pipelines. Assessment determined infrastructure is past useful life and deems repairs infeasible. Current intake is limited in volume of water available to WTP and is unable to meet max day demands in summer.

HDD was originally considered as the method of install but due to limitations caused by the topography of the area and the close proximity of the infrastructure to the river near the WTP, MTBM has been chosen as the preferred method.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	<b>MTBM - Dual 42.0-inch Carrier Pipes Inside Dual 62.0-inch Casing Pipe - Preferred</b>	Alt 2: MTBM - Dual 42.0-inch Carrier Pipes Inside Single 102.0-inch Casing Pipe	Alt 3: HDD - Dual 42.0-inch HDPE Pipes	Do Nothing
Present Value				
Capital Costs	\$39,058,000	\$42,668,000	\$36,728,000	\$0
O&M	\$488,000	\$488,000	\$488,000	\$0
Repair, Rehab, Replacement	\$3,787,000	\$4,431,000	\$3,787,000	\$0
Salvage Value	\$441,000	\$516,000	\$441,000	\$0
<b>Total PVC</b>	<b>\$42,892,000</b>	<b>\$47,071,000</b>	<b>\$40,562,000</b>	<b>\$0</b>
<b>PV Cost Per User</b>	<b>\$1,506</b>	<b>\$1,653</b>	<b>\$1,424</b>	<b>\$0</b>
<b>Construction Cost Per User</b>	<b>\$1,372</b>	<b>\$1,498</b>	<b>\$1,290</b>	
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$90</b>			
<b>Comparable Water Rate</b>	<b>\$84</b>			
Net Connections (New + Current)	28,475	28,475	28,475	28,475
Cost-Share Percent	75%	75%	75%	75%
Local Share	\$9,764,500	\$10,667,000	\$9,182,000	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$9,764,500	\$10,667,000	\$9,182,000	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$1.73</b>	<b>\$1.90</b>	<b>\$1.63</b>	<b>\$0.00</b>
Local Share	\$39,058,000	\$42,668,000	\$36,728,000	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$39,058,000	\$42,668,000	\$36,728,000	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$6.94</b>	<b>\$7.58</b>	<b>\$6.53</b>	<b>\$0.00</b>

**Explanation of Results:**

The preferred project uses microtunnel bore machine method to install carrier pipes and address system failures and limitations. Present value cost per user is \$1,506 and construction cost per user is \$1,372. The monthly cost with 75% DWR cost-share participation is \$1.73 per user and \$6.94 per user without DWR participation.



April 16, 2026

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

**RE: Western Area Water Supply Authority (WAWSA)  
Williston Regional WTP Intake Phase II – Preconstruction Phase Scope Change and  
Additional Project Funds**

Dear Mr. Haase:

The Western Area Water Supply Authority (WAWSA) respectfully requests a scope change and additional cost-share funding from the North Dakota Department of Water Resources (DWR) to complete Phase II - Preconstruction Phase Services for the Williston Regional WTP intake infrastructure.

Phase I – Assessment Phase Services was previously completed under a previously funded project. The Phase I assessment identified two (2) alternatives for further evaluation. Alternative 1 was a horizontal directional drilling (HDD) method and Alternative 2 was a micro-tunnel boring machine (MTBM) method to install new intake pipelines from the existing intake structure to the existing raw water pump station.

The total initial request and granted funding for Phase II – Preconstruction Phase Services was \$1,673,000.00 at a 75% cost-share, amounting to \$1,254,750.00. This initial funding request was based off the HDD alternative method, as at the time of request, this alternative appeared to be the best viable option. During the 30% design phase and upon completing initial geotechnical borings within the river and on the riverbank, the CMAR and the Owner's representative reengaged HDD and MTBM contractors to review the geotechnical findings and reevaluate the alternatives available. The reevaluation has led to various MTBM options being reviewed by the WAWSA Board of Directors in consultation with the CMAR. Currently, the most likely and viable MTBM options are as follows:

MTBT Option 1 – Dual 36.0-inch Carrier Pipes inside a single 90.0-inch Casing Pipe

MTBM Option 2 – Dual 42.0-inch Carrier Pipes inside a single 102.0-inch Casing Pipe

MTBM Option 3 – Dual 36.0-inch or 42.0-inch Carrier Pipes inside dual 62.0-inch Casing Pipes.

**The WAWSA board has selected MTBM Option 3 – Dual 42.0-inch Carrier Pipes inside dual 62.0-inch Casing Pipes and is requesting additional funding of \$515,000.00 at a 75% cost-share, amounting to \$386,250.00 for a new total preconstruction phase services amount of \$2,188,000.00.**

The additional funding will allow for full design and additional geotechnical investigations to be completed for the scope change to the selected MTBM alternative construction project method. The additional funds will also allow for a ten percent (10%) design phase contingency for further site investigations or permitting requirements requested by the US Army Corps of Engineers during the ongoing permitting process.

Thank you very much for your assistance with this important project for the Western Area Water Supply Authority. If you have any questions, please do not hesitate to contact me at 701-774-6605 or Dustin Schultz with AE2S, LLC. at 701-680-8052.

Sincerely,



**Chris Barke, Executive Director**  
Western Area Water Supply Authority

**Western Area Water Supply Authority  
Board of Directors Meeting  
WAWSA Office April 16, 2026**

**Attendees**

Members Present: Doug Anderson, also voting for Gary Rust, Matt Beard, Kent Bickler, Raoul Brandt, Ellis Haake, Robert Harms, Larry Novak, and Chris Brostuen, also voting for Ward Koeser

Members Absent: Ward Koeser and Gary Rust

Others Present: Chris Barke (WAWSA), Char Imsland (WAWSA), Cheryl McNeil (WAWSA), Dave Bell (WAWSA), Brittaney Carrillo (WAWSA), Weston McGruder (AE2S), Curt Clarys (City of Williston), Kenny Bergstrom (City of Williston), David Juma (City of Williston), Taylor Galeazzo (MCWRD), Ben Lokken (R&T), Garrett Lalim (Heart-E Water), Dallas Lalim (Heart-E Water), Richard Ryan, Jacob Monson (WAWSA) via video, Dustin Schultz (AE2S) via video, Graydon Olson (AE2S) via video, Jason Faller (City of Watford City) via video, and Wyatt Eaton (J.F. Brennan) 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. **Haake moved to approve the agenda as presented, Anderson seconded.**

MOTION CARRIED UNANIMOUSLY BY VOICE VOTE.

**Approval of the Minutes**

The March 19, 2026, board meeting minutes were presented for approval. **Novak moved to approve the minutes as presented, Bickler seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, and Novak

Nay: 0

Abstain: Brostuen

Carried: 7-0

**Financial Reports**

The Domestic and Industrial financial reports were presented to the board for their consideration and discussion.

The March capital accounting report was also presented to the board for their consideration and discussion.

### **Public Comment Period**

No public comments were presented.

### **Dallas Lalim – Lake Sacajawea Intake**

Dallas and Garrett Lalim addressed the board in the hopes of obtaining a letter of support from WAWSA to submit an application to the USACE to put an intake on the north side of Lake Sacajawea. Brostuen recommended that this be brought to the Executive Committee for further discussion.

### **Executive Director’s Report**

Barke provided the board with an update on WAWSA’s water usage and system updates.

He reported that the on-site audit conducted by Brady Martz is scheduled to begin on May 4, 2026.

### **State Water Commission Update**

Barke reported that he gave a quarterly update to the SWC on the 2025-2027 biennium projects on April 8, 2026.

He also submitted a water development plan for the 2027-2029 biennium to the DWR.

### **AE2S Reports**

McGruder provided the board with the construction project updates.

### **MCWRD Phase II Transmission Main – TO 88**

McGruder presented the board with the certificate of substantial completion for the MCWRD Phase II Transmission Main – TO 88 project. **Haake moved to approve the certificate of substantial completion for the MCWRD Phase II Transmission – TO 88 project, Anderson seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

### **WTP Intake Remediation – TO 91**

Dustin Schultz and Wyatt Eaton provided the board with four budgetary pricing options and explained their recommended approach for the WTP Intake Remediation – TO 91 project. The four options and their pricing are as follows:

- 36” Dual Pipeline (HDPE DR13.5 Pipe) - \$31,500,000
- 42” Dual Pipeline (HDPE DR13.5 Pipe) - \$31,700,000 – **Recommended Approach**
- 36” Dual Pipeline (Steel Pipe) - \$32,100,000
- 42” Dual Pipeline (Steel Pipe) - \$33,000,000

**Novak moved to approve proceeding with the recommended approach of a 42” Dual Pipeline (HDPE DR13.5 Pipe) for \$31,700,000, Harms seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

McGruder presented a SWC project scope change and cost increase request letter for the WTP Intake Remediation – TO 91 project. The board has selected MTBM Option #3 and is requesting additional funding of \$515,000 at a 75% cost-share, amounting to \$386,250 for a new total preconstruction phase services amount of \$2,188,000. The additional funding would allow for full design and additional geotechnical investigations to be completed for the scope change, as well as allow for a 10% design phase contingency for further site investigations or permitting requirements requested by the USACE during the ongoing permitting process. **Haake moved to approve the SWC project scope change and cost increase request letter for the WTP Intake Remediation – TO 91 project, as presented, Novak seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

### **WAWSA SCADA System Upgrades – TO 92**

McGruder presented a SWC funding request letter for the programming, procurement, and installation of private cellular telemetry at 25 existing pump stations, reservoirs, and meter vaults. He reported that of the 25 sites, 18 are part of the domestic system and 7 are part of the industrial system. The total project cost is \$137,500, and WAWSA would be requesting 75% cost share for the domestic system portion in the amount of \$74,250 to cover the \$99,000 total for the sites on the domestic system. **Novak moved to approve the SWC funding request letter for the WAWSA SCADA system upgrades – TO 92 project, Haake seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, 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 \$342,280.73.

## SWC Grant Requests

SWC \$24M grant request 76-041626, SWC \$13.5M grant request 29-041626, SWC \$9.7M grant request 13-041626, SWC \$8M grant request 24-041626, SWC \$99K grant request 11-041626, SWC \$2M grant request 07-041626, SWC \$14M grant request 10-041626, and SWC \$1M grant request 05-041626 were presented to the board for their approval. **Anderson moved to approve the SWC monthly grant requests as presented, Bickler seconded.**

Aye: Anderson, Beard, Bickler, Brandt, Haake, Harms, Novak, and Brostuen

Nay: 0

Carried: 8-0

Brostuen adjourned the meeting at 11:13 am.

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Chris Brostuen, Chairman

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Char Imsland, Secretary

# 1087844 - Bottineau County Expansion Ph. 1 & 2 Preconstruction

## 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:** Under Review  
**Stage:** Final Application

**Initial Submit Date:**  
**Initially Submitted By:**  
**Last Submit Date:** Apr 23, 2026 10:25 AM  
**Last Submitted By:** Jared Huibregtse

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Bryan Ziegler  
Salutation First Name Middle Name Last Name  
**Title:**  
**Email\*:** [bryan.ziegler@bartwest.com](mailto:bryan.ziegler@bartwest.com)  
**Address\*:** 3456 E. Century Ave  
  
Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 221-8353 Ext.  
Phone  
### ###-####  
**Fax:** ### ###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** All Seasons Water Users District  
**Organization Type\*:** Political Subdivision  
**Tax Id:** 45-0459417  
**Organization Website:**  
**Address\*:** 1066 Highway 5

Bottineau North Dakota 58318-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** (701) 228-3663 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\*:** Bottineau County Expansion Phase 1 & 2 Preconstruction

**Sponsor(s)\*:** All Seasons Water Users District

**County\*:** Bottineau

**City\*:** Bottineau

**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?:** NAWS

**Jurisdictions/Stakeholders Involved\*:**

Residents of the Northeast corner of Bottineau County to include Dalen, Roland, Homen, Whitteron, and Cordelia townships. This region includes rural properties, rural subdivisions, and the Lake Metigoshe, Long Lake, Loon Lake, Boundary Lake, and surrounding lake areas.

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

This area does not currently have access to a public water supply. Most residents get their water from a well, or individual pumps from a surface water source. This expansion would provide homeowners and other residents access to a reliable supply of quality water and would eliminate the need to maintain well equipment at individual households. All Seasons has obtained 780 sign-ups from interested potential water users in the expansion area. Each of the 780 sign-ups were accompanied by a \$200 good intention fee. An additional 744 potential connections have been identified in the expansion area through an aerial structures analysis and outreach to local entities, townships, and development associations. Approximately 250 new connections are anticipated upon the completion of Phase 2 alone. If construction progresses quickly around Lake Metigoshe, it is possible more new connections could be included in Phase 2. See attached map(s).

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

The proposed solution is to expand the existing All Seasons System 1 distribution system beginning at the System 1 water treatment plant site. From there, a large rural expansion would be built to serve interested water users in the townships previously mentioned, to include Lake

Metigoshe and the surrounding lakes area. This expansion will be supplied either fully or partially by NAWWS water. As of April 16, 2026, All Seasons has come to understand that NAWWS may not be able to supply the full flow rate required to serve peak day demand for All Seasons System 1, System 4, and the full build out of the Bottineau County Expansion. If NAWWS cannot supply the necessary flow rate, additional upgrades to existing All Seasons infrastructure may be necessary.

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

The objective of this application is to secure cost-share funding for preconstruction and design costs associated with Phases 1 & 2 of the expansion project.

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

Phase 1 consists of storage facilities, pump stations, and main transmission line necessary to bring water to Lake Metigoshe. Phase 2 consists of installing distribution lines for the west side of Lake Metigoshe. Pre-construction costs are expected to be substantial because design and the acquisition of easements for the Lake Metigoshe area is anticipated to be tedious and time-consuming.

For this project,

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

**What is the Current Estimated Population?\***: 3200

For this project,

**What is the Benefited Population?\***: 3200

**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?\***: 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:**

This project is dependent upon the availability of funding. As previously stated, easement acquisition is expected to be a time consuming process. There are more than 1,000 parcels surrounding Lake Metigoshe alone.

**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\*:** Draft Complete March 2026

**Design Completion\*:** Spring 2027

**Bid\*:** Summer 2027

**Construction Start\*:** Fall 2027

**Construction Completion\*:** Fall 2029  
**Explain Additional Timeline Issues\*:**  
This project is dependent on funding availability.  
**Consulting Engineer\*:** Bryan Ziegler, P.E. - Bartlett & West  
**Engineer Direct Phone Number\*:** 701-221-8353  
**Engineer Email\*:** [bryan.ziegler@bartwest.com](mailto:bryan.ziegler@bartwest.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\*:** Dan Schaefer 04/14/2026  
First Name Last Name Date  
**Title/Position/Authority\*:** Manager  
**Address\*:** 1066 ND HWY 5  
Address Line 1  
Address Line 2  
Bottineau North Dakota 58318-0000  
City State Zip Code  
**Direct Phone Number\*:** 701-228-3663  
**Sponsor Email\*:** [dan.aswud@midconetwork.com](mailto:dan.aswud@midconetwork.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:** Dan Schaefer  
First Name Last Name  
**Authorized Signor Title/Position:** Manager  
**Authorized Signor Email:** [dan.aswud@midconetwork.com](mailto:dan.aswud@midconetwork.com)  
**Authorized Signor Direct Phone Number:** 701-228-3663  
**Provide the Name for One Additional Board Member, if Applicable:** Jon Nelson  
First Name Last Name  
**Additional Board Member Title/Position:** President  
**Additional Board Member Email:** [jonelson@ndlegis.gov](mailto:jonelson@ndlegis.gov)  
**Additional Board Member Direct Phone Number:** 701-771-2193

## Documentation

**Documentation**

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

[CLICK HERE](#) to see examples.

**Project Specific Map** [Project Map\\_ASWUD.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:** [ASWUD Draft Meeting Minutes 4.13.2026.pdf](#)

**Cover Letter:** [Cost Share Request Design Letter. 4.17.2026.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:** [sfn\\_61801\\_delineation\\_of\\_cost\\_BCE Ph1-2.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\\_worksheet\\_BCE Ph1-2.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 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	\$1,901,250.00	\$0.00	\$0.00	\$1,901,250.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Current Request	\$633,750.00	\$0.00	\$0.00	\$633,750.00	Loan	30.00	2.00
Department of Water Resources Cost Share Pre-Construction		Current Request	\$22,500.00	\$0.00	\$0.00	\$22,500.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Current Request	\$7,500.00	\$0.00	\$0.00	\$7,500.00	Loan	30.00	2.00
Department of Water Resources Cost Share Construction		Future Request	\$0.00	\$0.00	\$17,800,705.00	\$17,800,705.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$0.00	\$5,933,568.00	\$5,933,568.00	Loan	30.00	2.00
			<b>\$2,565,000.00</b>	<b>\$0.00</b>	<b>\$23,734,273.00</b>	<b>\$26,299,273.00</b>			



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

DWR Date Received : April 17, 2026

Date:	4/17/26
Project:	Bottineau County Expansion Phase 1 & 2 Preconstruction
Sponsor:	All Seasons Water Users District
Contact:	Dan Schaefer, Manager
Phone:	701-228-3663
Engineer:	Bryan Ziegler, P.E., Barlett & West
Phone:	701-221-8353

Total Cost:	\$ 26,299,273.00	Total Cost-Share*:	\$ 19,724,454.75
Ineligible Cost:	\$ -	Other Eligible:	\$ 22,500.00
Eligible Cost:	\$ 26,299,273.00	Preconstruction:	\$ 1,901,250.00
Local Cost:	\$ 6,574,818.25	Construction:	\$ 17,800,704.75

Project Type:	Water Supply - Rural	Cost-share %	75%
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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	0.1%	BAIA / CIP (new)	1	LS	30,000.00	\$ 30,000.00	75%	\$ 22,500.00	
2	0.0%		0		-	\$ -	75%	\$ -	
3	0.0%		0		-	\$ -	75%	\$ -	
4	0.0%		0		-	\$ -	75%	\$ -	
5	0.0%		0		-	\$ -	75%	\$ -	
	0.1%	<b>Other Eligible Total</b>				\$ 30,000.00	75%	\$ 22,500.00	
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>									
6	0.7%	Archeological Study	1	LS	182,000.00	\$ 182,000.00	75%	\$ 136,500.00	
7	0.2%	Geotechnical Investigations	1	LS	49,000.00	\$ 49,000.00	75%	\$ 36,750.00	
8	3.2%	Preliminary Design	1	LS	850,000.00	\$ 850,000.00	75%	\$ 637,500.00	
9	3.3%	Final Design	1	LS	866,000.00	\$ 866,000.00	75%	\$ 649,500.00	
10	2.2%	Easement Acquisition (for Water Supply)	1	LS	588,000.00	\$ 588,000.00	75%	\$ 441,000.00	
	9.6%	<b>Preconstruction Total</b>				\$ 2,535,000.00	75%	\$ 1,901,250.00	
<b>Construction Engineering Costs</b>									
11	3.4%	Construction Contract Mngt.	1	LS	900,000.00	\$ 900,000.00	75%	\$ 675,000.00	
12	8.0%	Construction Observation	1	LS	2,100,000.00	\$ 2,100,000.00	75%	\$ 1,575,000.00	
13	0.4%	Geotechnical Investigations	1	LS	100,000.00	\$ 100,000.00	75%	\$ 75,000.00	
14	0.0%		0		-	\$ -	75%	\$ -	
	11.8%	<b>Construction Engineering Total</b>				\$ 3,100,000.00	75%	\$ 2,325,000.00	
<b>Construction Costs</b>									
15	0.8%	Mobilization	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00	
16	0.8%	Bonding	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00	
17	0.8%	Insurance	1	LS	200,000.00	\$ 200,000.00	75%	\$ 150,000.00	
18	0.4%	Water Main 2 in	2200	LF	42.00	\$ 92,400.00	75%	\$ 69,300.00	
19	1.4%	Water Main 2 in	9500	LF	40.00	\$ 380,000.00	75%	\$ 285,000.00	
20	0.9%	Water Main 3 in	5200	LF	45.00	\$ 234,000.00	75%	\$ 175,500.00	
21	0.6%	Water Main 3 in	3800	LF	44.00	\$ 167,200.00	75%	\$ 125,400.00	
22	2.2%	Water Main 4 in	11500	LF	50.00	\$ 575,000.00	75%	\$ 431,250.00	
23	5.6%	Water Main 6 in	14600	LF	100.00	\$ 1,460,000.00	75%	\$ 1,095,000.00	
24	0.2%	Water Main 6 in	400	LF	110.00	\$ 44,000.00	75%	\$ 33,000.00	
25	1.8%	Water Main 8 in	3600	LF	130.00	\$ 468,000.00	75%	\$ 351,000.00	
26	3.1%	Water Main 8 in	6600	LF	125.00	\$ 825,000.00	75%	\$ 618,750.00	
27	1.8%	Water Main 10 in	3100	LF	150.00	\$ 465,000.00	75%	\$ 348,750.00	
28	1.2%	Water Main 10 in	2200	LF	145.00	\$ 319,000.00	75%	\$ 239,250.00	
29	1.8%	Water Main 12 in	8100	LF	60.00	\$ 486,000.00	75%	\$ 364,500.00	
30	6.9%	Water Main 12 in	32800	LF	55.00	\$ 1,804,000.00	75%	\$ 1,353,000.00	
31	3.5%	Water Main 12 in	18100	LF	51.00	\$ 923,100.00	75%	\$ 692,325.00	
32	2.2%	Water Service Line	9450	LF	60.00	\$ 567,000.00	75%	\$ 425,250.00	
33	12.1%	Pipeline Appurtenances	1	LS	3,178,730.00	\$ 3,178,730.00	75%	\$ 2,384,047.50	
34	3.6%	Meter	189	EA	5,000.00	\$ 945,000.00	75%	\$ 708,750.00	
35	9.7%	Reservoir & Storage - Concrete 750k gals	1	LS	2,550,000.00	\$ 2,550,000.00	75%	\$ 1,912,500.00	
36	2.7%	Pump Station	1	LS	700,000.00	\$ 700,000.00	75%	\$ 525,000.00	
37	2.1%	Reservoir & Storage - Concrete 100k gals	1	LS	550,000.00	\$ 550,000.00	75%	\$ 412,500.00	
38	2.7%	Booster/PRV Vault	1	LS	700,000.00	\$ 700,000.00	75%	\$ 525,000.00	
39	1.9%	Generators @ Booster Sites	2	EA	250,000.00	\$ 500,000.00	75%	\$ 375,000.00	
40	0.5%	Site Piping for NAWS Connection	1	LS	125,000.00	\$ 125,000.00	75%	\$ 93,750.00	
41	0.4%	Supervisory Control & Data Acquisition System	1	LS	100,000.00	\$ 100,000.00	75%	\$ 75,000.00	
42	0.0%					\$ -	75%	\$ -	
43	0.0%					\$ -	75%	\$ -	
44	0.0%					\$ -	75%	\$ -	
45	0.0%					\$ -	75%	\$ -	
		<b>Construction Sub-Total</b>				\$ 18,758,430.00	75%	\$ 14,068,822.50	
	7.1%	<b>Allowable Contingency (10%)</b>				\$ 1,875,843.00	75%	\$ 1,406,882.25	
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	75%	\$ -	
	78.5%	<b>Construction Total</b>				\$ 20,634,273.00	75%	\$ 15,475,704.75	
						<b>Eligible Preconstruction</b>	\$ 2,535,000.00	75%	\$ 1,901,250.00
						<b>Eligible Construction</b>	\$ 23,734,273.00	75%	\$ 17,800,704.75
						<b>Eligible Total</b>	\$ 26,299,273.00	75%	\$ 19,724,454.75
<b>Ineligible Preconstruction Costs</b>									
46	0.0%		0			\$ -	0%	\$ -	
47	0.0%		0			\$ -	0%	\$ -	
48	0.0%		0			\$ -	0%	\$ -	
49	0.0%		0			\$ -	0%	\$ -	
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -	
<b>Ineligible Construction Costs</b>									
50	0.0%		0			\$ -	0%	\$ -	
51	0.0%		0			\$ -	0%	\$ -	
52	0.0%		0			\$ -	0%	\$ -	
53	0.0%		0			\$ -	0%	\$ -	
	0.0%	<b>Construction Ineligible Total</b>				\$ -	0%	\$ -	
						<b>Ineligible Total</b>	\$ -	0%	\$ -
						<b>Project Total</b>	\$ 26,299,273.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 26,299,273.00	75%	\$ 19,724,454.75

\* 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:** All Seasons Water Users District  
**Project Title:** Bottineau County Expansion Phase 1 & 2 Preconstruction  
**Date:** April 28, 2026

**Explanation of Alternatives:**

- Bottineau County Expansion Phase 1 & 2 - Preferred: Storage facilities, pump stations, and main transmission lines are constructed to expand existing system and bring water to Lake Metigoshe followed by the installation of distribution lines for the west side of Lake Metigoshe.
- Partial Expansion: System expansion does not expand outside immediate surrounding areas of Lake Metigoshe. This alternative is deemed financially infeasible and is not in consideration.
- Do Nothing: Water supply for the northeast portion of Bottineau County would remain as-is and individuals will continue to source water from local wells and individual surface water sources as applicable.
- (Note: The water supply capacity requirements for this distribution system have not yet been secured.)

**Inputs:**

New Connections Served	250
Future Connections Served	530
Current Connections Served	1500
Net Connections (New + Current)	1750

Current CIF Balance	N/A
Annual CIF Contribution	N/A
Cash Funding Target (Percentage %) New Assets	N/A
Cash Funding Target (Percentage %) Existing Assets	N/A
Annual CIF Contribution suggested for the Project	N/A

	Bottineau County Expansion Phase 1 & 2	Do Nothing	Partial Expansion Alternative
Construction Cost	\$26,299,200	\$0	\$0
Annual O & M	\$10,000	\$130,000	\$8,000

**Details:**

This project is Phase 1 & 2 of a six phase expansion project. Project is anticipated to be fully or partially served by NAWS.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Bottineau County Expansion Phase 1 & 2	Do Nothing	Partial Expansion Alternative
Present Value			
Capital Costs	\$25,886,000	\$0	\$0
O&M	\$232,000	\$3,293,000	\$203,000
Repair, Rehab, Replacement	\$8,439,000	\$0	\$0
Salvage Value	\$736,000	\$0	\$0
<b>Total PVC</b>	<b>\$33,821,000</b>	<b>\$3,293,000</b>	<b>\$203,000</b>
<b>PV Cost Per User</b>	<b>\$19,326</b>	<b>\$1,882</b>	<b>\$116</b>
Construction Cost Per User	\$15,028	\$0	\$0
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$50</b>		
<b>Comparable Water Rate</b>	<b>\$84</b>		
Net Connections (New + Current)	1,750	1,750	1,750
Cost-Share Percent	75%	75%	75%
Local Share	\$6,471,500	\$0	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$6,471,500	\$0	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$18.71</b>	<b>\$0.00</b>	<b>\$0.00</b>
Local Share	\$25,886,000	\$0	\$0
Other Funding	\$0	\$0	\$0
Total Local	\$25,886,000	\$0	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$74.83</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Explanation of Results:**

The preferred project consists of phase 1 and 2 of a 6 phase All Seasons System rural expansion. Phase 1 is the construction of storage facilities, pump stations, and main transmission lines. Phase 2 is the installation of distribution lines. Present value cost per user is \$19,326 and construction cost per user is \$15,028. The monthly cost with 75% DWR cost-share participation is \$18.71 per user and \$74.83 per user without DWR

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.

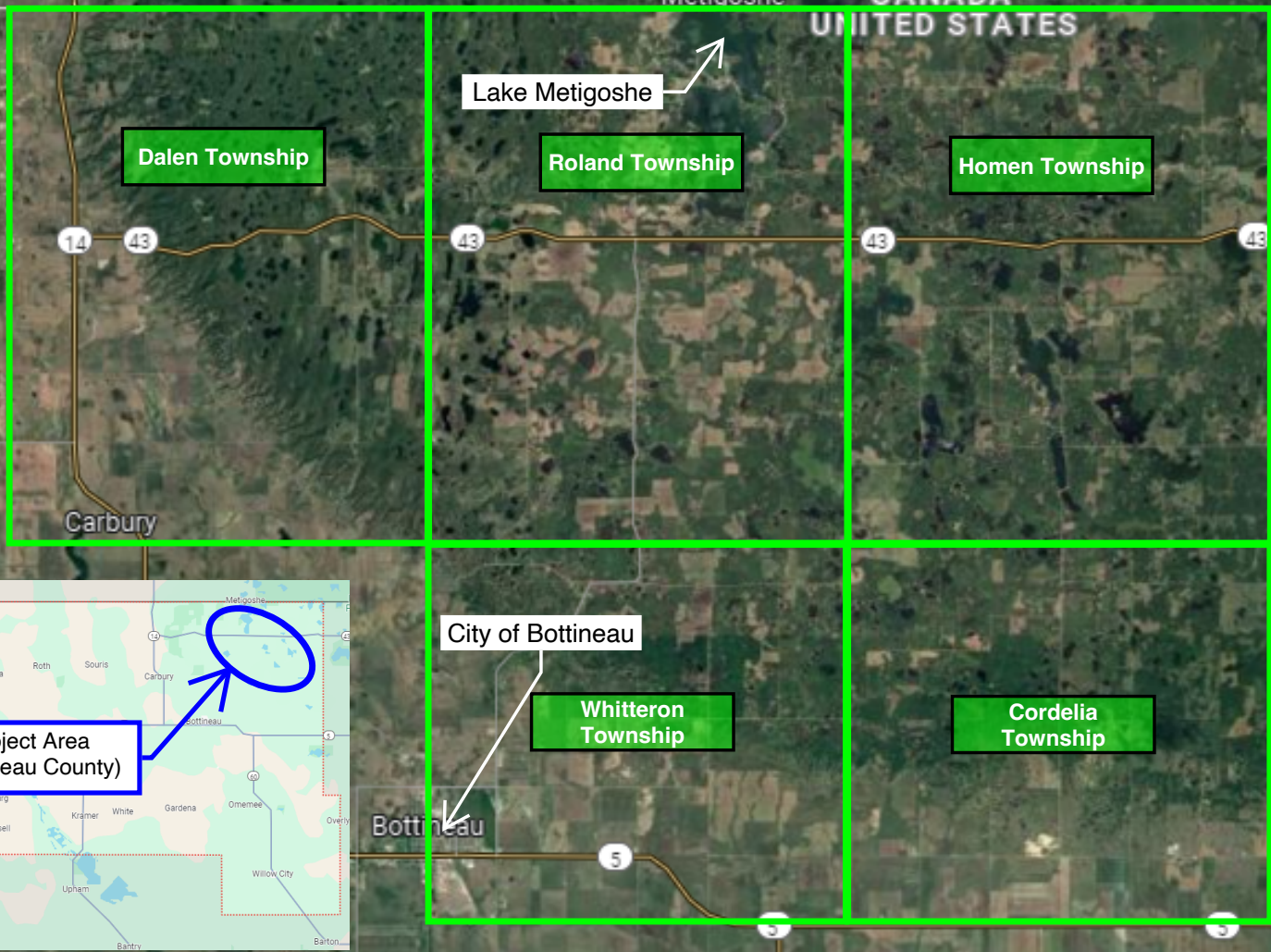


UNITED STATES

CANADA  
UNITED STATES

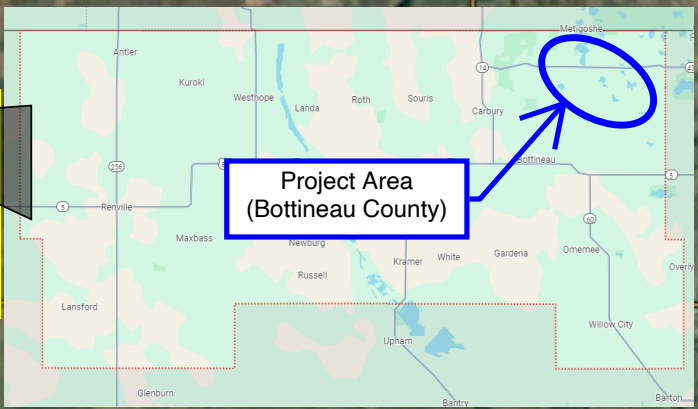
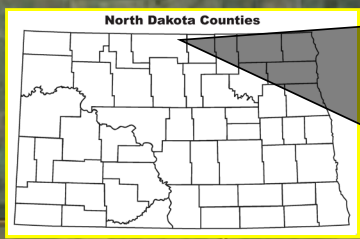
**Map Legend**

Feasibility Study Townships 



Souris

Town of Souris



City of Bottineau

Whitteron Township

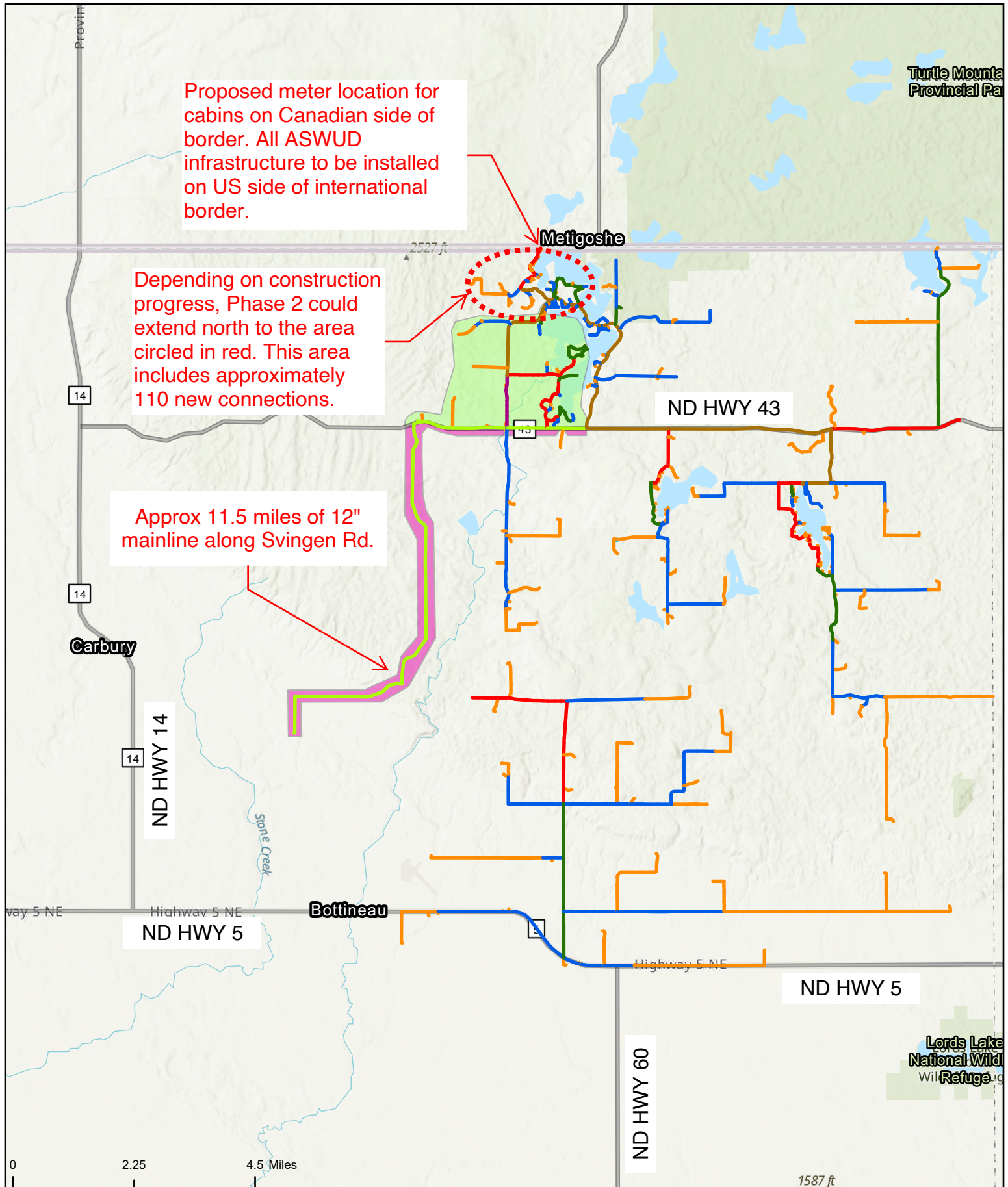
Cordelia Township

All Seasons Water Users District  
Bottineau County Expansion



**Bartlett & West**

Driving community and industry forward, together.



Proposed meter location for cabins on Canadian side of border. All ASWUD infrastructure to be installed on US side of international border.

Depending on construction progress, Phase 2 could extend north to the area circled in red. This area includes approximately 110 new connections.

Approx 11.5 miles of 12" mainline along Svingen Rd.



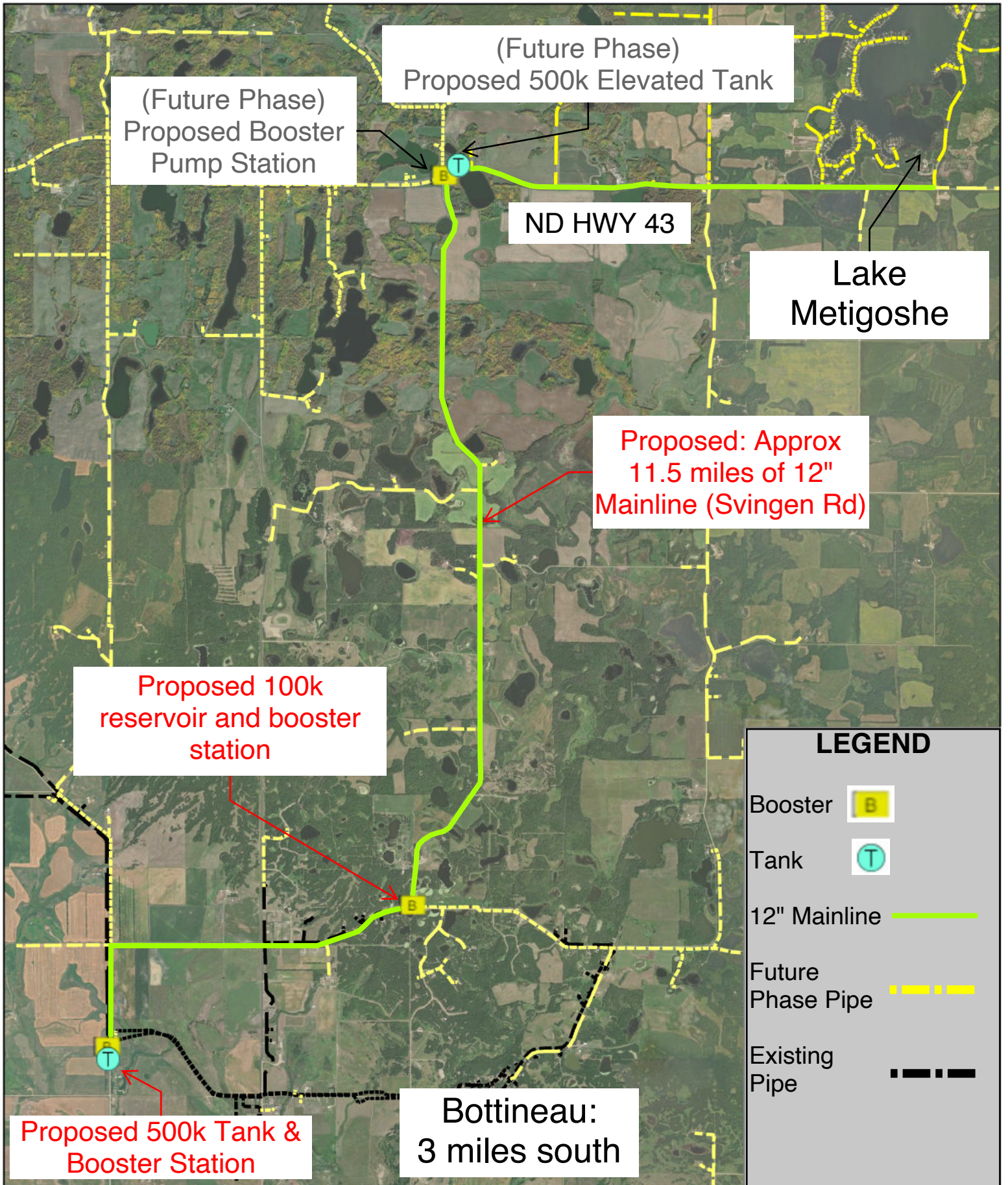
# Bottineau County Expansion

Phase 1 & Phase 2

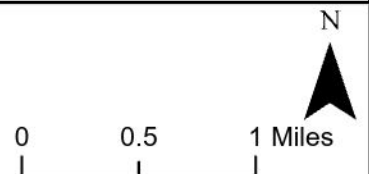
**Segments**

Phase 1	Phase 2





# Bottineau County Expansion Phase 1 Conceptual Design



# LEGENDs

Booster **B**

Tank **T**

Pipe Diameter:

- 1" (light blue line)
- 2" (orange line)
- 3" (blue line)
- 4" (green line)
- 6" (red line)
- 8" (brown line)
- 10" (purple line)
- 12" (light green line)
- 14" (dark purple line)
- 16" (grey line)

Future Phase Pipe

Int'l Border

Note: All ASWUD infrastructure will be placed on the US side of the US/Canada border.

Note: Phase 2 could include additional connections on the west side of Lake Metigoshe if construction progresses faster than anticipated.

Proposed meter location for lake cabins on Canadian side of border

Approximately 250 new connections anticipated in Phase 2

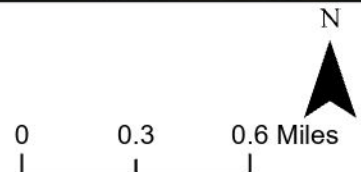
ND HWY 43

Future Phase Tank & Booster

City of Bottineau Approximately 9.8 miles southwest



## Bottineau County Expansion Phase 2 Conceptual Design



**Board of Directors Meeting**  
**ALL SEASONS WATER USERS DISTRICT**

**April 13, 2026**

**Members Present:** Jon Nelson, Kenny Rogers, Ross Reimche, Dennis Danielson, Mark Vollmer, Jim Thompson

**Absent:** Brandon Nehring, Matt Odermann, and Tracy Boe

**Others Present:** Dan Schaefer, Manager, Rachel Wald, Assistant Manager, and Bryan Zigler, Bartlett & West

The meeting was called to order by President Jon Nelson at 7:00 pm.

Roll call was taken.

Ross R. made a motion to accept the consent agenda. Dennis D. seconded the motion. Roll call vote was as follows: Aye: Jon, Jim, Kenny, Ross, Dennis, and Mark. Nye: None. Those absent and not voting: Brandon N., Matt O. and Tracy B.

**Public Comment Period:** No comments made.

**Manager's Report:**

**System 1** – Repaired leak on 3” reduced to 2 ½” line NW of Bottineau  
Twin Lakes – Well #4 VFD Failure (Received, not installed)

**System 3** – Repaired leak on 1 ½” line in Antler.

**Willow City** – High Water Usage, looking for additional leak.

**Meetings Attended:**

ND Legislative Water Topics Overview Committee March 26<sup>th</sup>, 2026 Bismarck – Bottineau County Expansion was presented.

NAWS Authority Meeting April 2<sup>nd</sup>, Minot – City of Minot had a security breach in March. Minot is expecting lake water in the fall of this year.

True-Up Meeting, April 10<sup>th</sup> in Rugby

**Up Coming Meetings:**

NDSWC Pre- Commission Meeting, May 21, 2026

NDSWC Commission Meeting, June 11, 2026

City of Maxbass - Moore Engineering called 4/13/26

Moore is working on a feasibility study: Looking at 3 options.

1. Bulk supply from ASWUD
2. ASWUD take over and operate existing system
3. Individual hookups for Maxbass residence. (Approx. 40 connections)

**Strategic Plan and Water Rate Committee:** Nothing new to report.

**Policy Committee:** Nothing new to report.

**Rugby True-up Committee:** Committee meeting was held on April 8<sup>th</sup> to discuss true-up. April 10<sup>th</sup>, we had a meeting with the City of Rugby to talk through some of the true-up charges. The committee discussed and determined to make a recommendation to pay the bill. This recommendation was brought to the full board.

Mark V. made the motion to pay the true-up and Ross R. seconded the motion. Roll call vote was as follows: Aye: Jon, Jim, Kenny, Ross, Dennis, and Mark. Nye: None. Those absent and not voting: Brandon N., Matt O. and Tracy B.

**Service Area Committee:** Nothing new to report.

**System 4 Expansion – Supply to System 1:**

Storage Tank: Bartlett and West have received the closeout documents and an email on O & M for the tank. They will work through those to get us closer to substantial completion.

Summit Agricultural Group – Dakota SAO II, LLP

Waiting on them for an Irrevocable Letter of Credit.

North Dakota Dept of Agriculture Infrastructure Grant – Submitted and notice of award of \$350,000.00 has returned to the office.

**Bottineau County Expansion Phase II:**

**Feasibility Study:** There were no questions on the draft feasibility study from the board. Dan and Rachel will continue reviewing.

**NAWS Water Supply:** BCE, System 1, System 4: The Department of Water Resources staff met with ASWUD staff and engineers April 1<sup>st</sup>, 26. The request for water from NAWS is 1,250 GPM at System 1 WTP. Waiting for an official response from that office.

OPTIONS: Bartlett and West are looking into options for ASWUD with regards to getting more water.

Motion: Mark V. Made the motion to submit the Bottineau County Expansion Phase 1 & 2 for design funding to the State Water Commission for Cost Share Funding. Jim T. seconded the motion. Roll call vote was as follows: Aye: Jon, Jim, Kenny, Ross, Dennis, and Mark. Nye: None. Those absent and not voting: Brandon N., Matt O. and Tracy B.

Next meeting will be Monday May 13<sup>th</sup>, 2026, at 7:00 pm.

Adjourned by President Jon Nelson at 8:50 pm.

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Jon Nelson, President

Date

Ross Reimche, Treasurer

Date



Date: 4/16/26

Subject: SWC Cost Share Program

All Seasons Water Users District formally requests to apply for the SWC Cost Share funding for the design of the Bottineau County Expansion Phase 1 and Phase 2 projects. These projects would be the first 2 phases of a multiphase project to deliver water to the unserved areas of northeast Bottineau County. ASWUD currently has obtained over 750 sign ups for water service in project area. A feasibility study is near completion showing that the project is feasible to be constructed.

The Board of Directors at All Seasons Water Users District voted and passed a motion at their April 13, 2026, board meeting to request cost share funding for the first two phases of the expansion project. Attached are the meeting minutes from the ASWUD board meeting addressing the funding request.

Thank you for consideration of this funding request.

Sincerely,

Daniel F. Schaefer  
Manager  
All Seasons Water Users District

Rachel Wald  
Assistant Manager  
All Seasons Water Users District

# 1087629 - CRWD 2026 System Improvements - Construction Request

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 24, 2026 11:34 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Kellen Grubb
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Abby  
First Name

Middle Name Ritz  
Last Name

**Title:**

**Email\*:** abby.ritz@ae2s.com

**Address\*:** 1815 Schafer Street, Suite 301

### Organization Information

**Status\*:** Approved

**Name\*:** Cass Rural Water District

**Organization Type\*:** Political Subdivision

**Tax Id:** 450323383

**Organization Website:**

**Address\*:** P.O. Box 98  
131 Maple Street

	AE2S	Kindred North Dakota
	Bismarck North Dakota	City State/Province
	City State/Province	58051-____
58501		Postal Code/Zip
Postal Code/Zip		<b>Phone*:</b> (218) 790-1299 Ext.
<b>Phone*:</b>	701-221-0530 Ext.	###-###-####
	Phone	<b>Fax:</b> (701) 428-3130
	###-###-####	###-###-####
<b>Fax:</b>	###-###-####	<b>Vendor ID:</b>
<b>Comments:</b>		<b>PeopleSoft Supplier ID:</b>
		<b>Comments:</b>
		<b>Location Code:</b>
		<b>SAM UEI #:</b>
		<b>SAM Validation:</b>
		<b>SAM Expiration Date:</b>
		<b>SAM Exclusion Flag:</b>
		<b>SAM Last Updated:</b>

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** CRWD 2026 System Improvements

**Sponsor(s)\*:** Cass Rural Water District

**County\*:** Cass

**City\*:** Kindred

**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?:** Ground Water/Surface Water

**Jurisdictions/Stakeholders Involved\*:**

Cass Rural Water District

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

The areas identified for rural and regional watermain extensions are currently experiencing low pressures and limited flow during peak demand conditions. In addition, CRWD has received increasing interest and service requests from potential customers in these areas. The proposed watermain extensions are intended to address these system deficiencies and improve overall service performance and reliability.

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

The proposed project is a comprehensive pipeline effort to enhance system performance, resiliency, and provide the capability to hook up new customers to rural water service across CRWD's rural and regional service area. It includes two core project components:

(1) Rural Watermain Extensions: Installation of approximately 45,000 feet of new 4-inch watermain to improve pressures and flows in rural portions of the distribution system, and to be able to provide rural water access to new customers.

(2) Regional Watermain Extensions: Installation of approximately 19,000 feet of new 6-, 8-, 10-, 12-inch watermain and a meter pit to strengthen system looping, improve pressures, and be able to provide water service to new customers.

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

Secure construction cost-share for the CWRD 2026 System Improvements project.

Furthermore, the overarching project objectives include:

- (1) Provide the ability to serve new customers in CRWD's service area, (2) improve water pressures and flows during peak demand conditions, and (3) enhance system performance and operational flexibility through key looping improvements.

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

The construction cost-share will fund contractor payments as well as construction phase engineering.

For this project,

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

**What is the Current Estimated Population?\***: 23750

For this project,

**What is the Benefited Population?\***: 875

**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?\***: 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?\***: Ongoing

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

A ND DWR sovereign land permit to cross underneath the Sheyenne River is in process.

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

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

Local townships, County, City, and water resources districts permits are 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\*:** 01/2026  
**Design Completion\*:** 04/2026  
**Bid\*:** 05/2026 5/19/2026  
**Construction Start\*:** 07/2026  
**Construction Completion\*:** 10/2027

**Explain Additional Timeline Issues\*:**

None anticipated.

**Consulting Engineer\*:** Kellen Grubb

**Engineer Direct Phone Number\*:** 701-641-8759

**Engineer Email\*:** kellen.grubb@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.\*:**

**Authorized Individual\*:** Brent Brinkman 04/24/2026  
First Name Last Name Date

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

**Address\*:** 131 Maple Street  
Address Line 1  
 PO Box 98  
Address Line 2  
 Kindred North Dakota 58051-0098  
City State Zip Code

**Direct Phone Number\*:** 701-428-3139

**Sponsor Email\*:** brent.brinkman@cassruralwaterdistrict.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:**

Todd Ellison  
First Name Last Name

**Authorized Signor Title/Position:**

Chairman of the Board

**Authorized Signor Email:**

trellison71@gmail.com

**Authorized Signor Direct Phone Number:**

701-428-3139

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

Barry Bowman  
First Name Last Name

**Additional Board Member Title/Position:**

Secretary/Treasurer

**Additional Board Member Email:**

bowtime@yahoo.com

**Additional Board Member Direct Phone Number:**

701-428-3139

## 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**

CRWD 2025 System Improvements Overview final - Portrait 11x17.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** Attach1-BudgetSheet updated-construction cost share req.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:** CRWD April 23 Minutes.pdf

**Cover Letter:** Cover Letter final.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 Update - 2026 System Imp..xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:**

CRWD 2026 System Improvements Both Regional and Rural Plan and Spec Sets.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:** life\_cycle\_cost\_analysis\_worksheet 1.xlsx

CLICK HERE for **SFN 62417 Basic Asset Inventory Tool and Current Version.**

**Asset Inventory Assessment:**

sfn\_62417\_basic\_asset\_inventory\_tool CRWD 2026 System Improvements - 03\_31\_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?:** No

**Photos of Problem/Issue:**

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

**Other Applicable Document(s):** No

**Sources**

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

Source	If Other, Specify Funding Source	Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Cost Type	Term	Interest Rate
Department of Water Resources Cost Share Pre-Construction		Already Approved	\$305,220.00		\$0.00	\$305,220.00		0.00	0.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$3,095,397.35	\$0.00	\$3,095,397.35		0.00	0.00
Drinking Water State Revolving Fund			\$151,380.00	\$1,550,566.56	\$0.00	\$1,701,946.56		0.00	0.00
			<b>\$456,600.00</b>	<b>\$4,645,963.91</b>	<b>\$0.00</b>	<b>\$5,102,563.91</b>			

**Project Need:** The areas identified for rural and regional watermain extensions are currently experiencing low pressures and limited flow during peak demand conditions. In addition, CRWD has received increasing interest and service requests from potential customers in these areas. The proposed watermain extensions are intended to address these system deficiencies and improve overall service performance and reliability.

**Current Funding Request:** The current funding request is for the construction cost-share for the CRWD 2026 System improvements project, which includes approximately 45,000 linear feet of rural pipeline extensions and 19,000 linear feet of regional pipeline extensions.

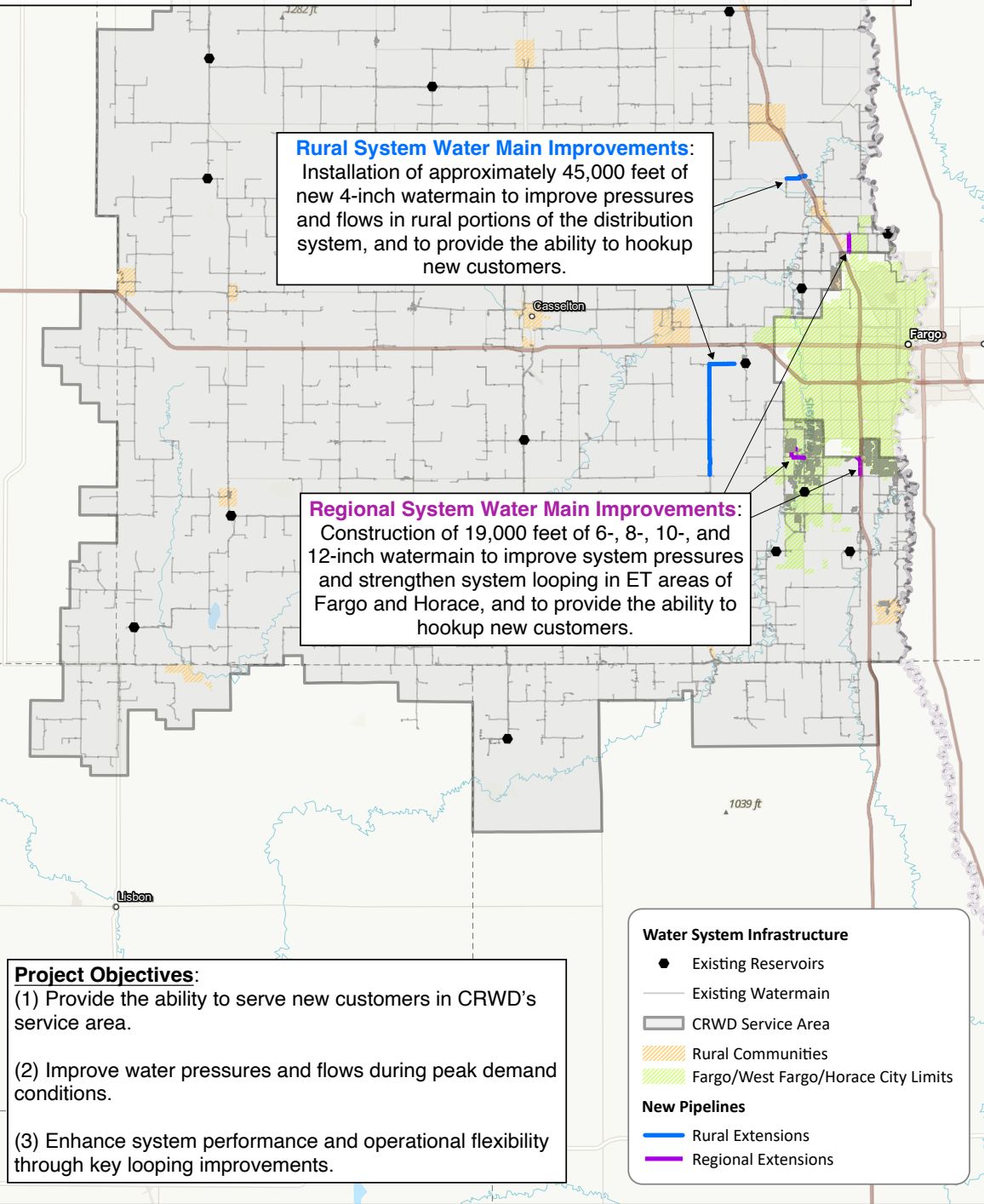


**Rural System Water Main Improvements:**

Installation of approximately 45,000 feet of new 4-inch watermain to improve pressures and flows in rural portions of the distribution system, and to provide the ability to hookup new customers.

**Regional System Water Main Improvements:**

Construction of 19,000 feet of 6-, 8-, 10-, and 12-inch watermain to improve system pressures and strengthen system looping in ET areas of Fargo and Horace, and to provide the ability to hookup new customers.



**Project Objectives:**

- (1) Provide the ability to serve new customers in CRWD's service area.
- (2) Improve water pressures and flows during peak demand conditions.
- (3) Enhance system performance and operational flexibility through key looping improvements.

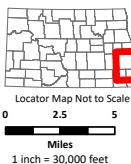
**Water System Infrastructure**

- Existing Reservoirs
- Existing Watermain
- ▭ CRWD Service Area
- ▨ Rural Communities
- ▨ Fargo/West Fargo/Horace City Limits

**New Pipelines**

- Rural Extensions
- Regional Extensions

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: RGroth | W:\C\Cass Rural Water District\05024-2024-004\GIS\CRWD 2025 System Improvements - Design - Mapping and Analysis.aprx | CRWD 2025 System Improvements Overview - Portrait 11x17



**CRWD 2026 SYSTEM WIDE IMPROVEMENTS PROJECT OVERVIEW MAP**

CASS RURAL WATER DISTRICT  
CRWD, ND



Date: 4/20/2026



**DELINEATION OF COSTS**  
NORTH DAKOTA DEPARTMENT OF WATER RESOURCES  
PLANNING AND EDUCATION  
SP# 61691 (11/2025)

DWR Date Received : April 24, 2026

Date : 4/21/26  
Project : CRWD 2026 System Improvements (Rural)  
Sponsor : Cass Rural Water District  
Contact : Brent Brinkman, General Manager  
Phone : 701-428-3139  
Engineer : Kellen Grubb, AEZS  
Phone : 701-641-8759

Total Cost : \$ 2,260,526.70  
Ineligible Cost : \$ -  
Eligible Cost : \$ 2,260,526.70  
Local Cost : \$ 555,131.68

Total Cost-Share\* : \$ 1,695,395.03  
Other Eligible : \$ -  
Preconstruction : \$ 156,300.00  
Construction : \$ 1,539,095.03

Project Type: Water Supply - Rural  
Cost-share % 75%

Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>BAA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs</b>						
	0		-	\$ -	75%	\$ -
	0		-	\$ -	75%	\$ -
	0		-	\$ -	75%	\$ -
	0		-	\$ -	75%	\$ -
	0		-	\$ -	75%	\$ -
<b>Other Eligible Total</b>				\$ -	75%	\$ -

Item	% of Cost	Description	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>								
6	0.6%	Archaeological Study	1	LS	14,000.00	\$ 14,000.00	75%	\$ 10,500.00
7	1.2%	Preliminary Design	1	LS	26,500.00	\$ 26,500.00	75%	\$ 19,875.00
8	5.6%	Final Design	1	LS	125,600.00	\$ 125,600.00	75%	\$ 94,200.00
9	0.9%	Bidding/Negotiations	1	LS	21,400.00	\$ 21,400.00	75%	\$ 16,050.00
10	0.9%	Survey (Easements/Monumenting)	1	LS	20,900.00	\$ 20,900.00	75%	\$ 15,675.00
		<b>Preconstruction Total</b>				\$ 208,400.00	75%	\$ 156,300.00

Item	% of Cost	Description	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Engineering Costs</b>								
11	6.0%	Construction Observation	1	LS	136,000.00	\$ 136,000.00	75%	\$ 102,000.00
12	1.8%	Construction Contract Mgmt	1	LS	41,600.00	\$ 41,600.00	75%	\$ 31,200.00
13	1.7%	Crop Damages	1	LS	38,400.00	\$ 38,400.00	75%	\$ 28,800.00
14	0.5%	Permit Fees	1	LS	12,000.00	\$ 12,000.00	75%	\$ 9,000.00
		<b>Construction Engineering Total</b>				\$ 228,000.00	75%	\$ 171,000.00

Item	% of Cost	Description	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Costs</b>								
15	3.3%	Mobilization	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00
16	0.0%	Bonding	0		-	\$ -	75%	\$ -
17	0.0%	Insurance	0		-	\$ -	75%	\$ -
18	37.9%	Water Main 4 in (ROW install)	34240	LF	25.00	\$ 856,000.00	75%	\$ 642,000.00
19	14.4%	Water Main 4 in (ROW install)	7760	LF	42.00	\$ 325,920.00	75%	\$ 244,440.00
20	8.0%	Directional Bore - 4 in	3025	LF	60.00	\$ 181,500.00	75%	\$ 136,125.00
21	4.9%	Steel Cased Bore - 8 in Casing / 4 in Carrier	1	LS	111,125.00	\$ 111,125.00	75%	\$ 83,343.75
22	2.4%	Detailed Tie-In	5	EA	11,000.00	\$ 55,000.00	75%	\$ 41,250.00
23	0.8%	Gate Valve	6	EA	3,167.00	\$ 19,002.00	75%	\$ 14,251.50
24	0.4%	Seeding	10	AC	1,000.00	\$ 10,000.00	75%	\$ 7,500.00
25	0.2%	Gravel	50	TON	75.00	\$ 3,750.00	75%	\$ 2,812.50
26	0.9%	Restoration	42000	LF	0.50	\$ 21,000.00	75%	\$ 15,750.00
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%	\$ -
		<b>Construction Sub-Total</b>				\$ 1,658,297.00	75%	\$ 1,243,722.75
	7.3%	<b>Allowable Contingency (10%)</b>				\$ 165,829.70	75%	\$ 124,372.25
	0.0%	<b>Electric Contingency Reduction</b>	0		-	\$ -	75%	\$ -
	80.7%	<b>Construction Total</b>				\$ 1,824,126.70	75%	\$ 1,368,095.03

Eligible Preconstruction	\$ 208,400.00	75%	\$ 156,300.00
Eligible Construction	\$ 2,052,126.70	75%	\$ 1,539,095.03
<b>Eligible Total</b>	<b>\$ 2,260,526.70</b>		<b>\$ 1,695,395.03</b>

Item	% of Cost	Description	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Ineligible Preconstruction Costs</b>								
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
		<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -

Item	% of Cost	Description	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<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%	\$ -
		<b>Construction Ineligible Total</b>				\$ -	0%	\$ -

<b>Ineligible Total</b>	\$ 2,260,526.70	0%	\$ -
<b>Project Total</b>	<b>\$ 2,260,526.70</b>		<b>\$ -</b>
<b>Federal or State Funds That Supplant Costs</b>	\$ -	75%	\$ 1,695,395.03
<b>Eligible Cost Total</b>	<b>\$ 2,260,526.70</b>		<b>\$ 1,695,395.03</b>

\* 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  
SR# 61601 (11/2025)

DWR Date Received :

Date : 4/21/26  
Project : CRWD 2026 System Improvements (Regional)  
Sponsor : Cass Rural Water District  
Contact : Brent Brinkman, General Manager  
Phone : 701-428-3139  
Engineer : Kellen Grubb, AEZS  
Phone : 701-641-8759

Total Cost : \$ 2,842,037.20 Total Cost-Share\* : \$ 1,705,222.32  
Ineligible Cost : \$ - Other Eligible : \$ -  
Eligible Cost : \$ 2,842,037.20 Preconstruction : \$ 148,920.00  
Local Cost : \$ 1,136,814.88 Construction : \$ 1,556,302.32

Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$	Project Type:
							Water Supply - Rural Expansion into ETA
							60%

Item	% of Cost	BAA / CIP, EAP, DWR Sponsored Project, or Cooperative Program Costs	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
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%	
		<b>Other Eligible Total</b>					60%	

Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs								
6	0.3%	Archaeological Study	1	LS	8,000.00	8,000.00	60%	\$ 4,800.00
7	1.1%	Preliminary Design	1	LS	32,500.00	32,500.00	60%	\$ 19,500.00
8	4.9%	Final Design	1	LS	138,500.00	138,500.00	60%	\$ 83,100.00
9	0.8%	Bidding/Negotiations	1	LS	23,700.00	23,700.00	60%	\$ 14,220.00
10	1.6%	Survey (Easements/Monumenting)	1	LS	45,500.00	45,500.00	60%	\$ 27,300.00
		<b>Preconstruction Total</b>				\$ 248,200.00	60%	\$ 148,920.00

Construction Engineering Costs								
11	4.9%	Construction Observation	1	LS	139,300.00	139,300.00	60%	\$ 83,580.00
12	3.2%	Construction Contract Mgmt	1	LS	92,200.00	92,200.00	60%	\$ 55,320.00
13	0.7%	Crop Damages	1	LS	18,900.00	18,900.00	60%	\$ 11,340.00
14	0.2%	Permit Fees	1	LS	5,000.00	5,000.00	60%	\$ 3,000.00
		<b>Construction Engineering Total</b>				\$ 255,400	60%	\$ 153,240.00

Construction Costs								
15	2.6%	Mobilization	1	LS	75,000.00	75,000.00	60%	\$ 45,000.00
16	0.0%	Bonding	1	LS	-	-	60%	\$ -
17	0.0%	Insurance	1	LS	-	-	60%	\$ -
18	0.0%	Water Main 6 in	30	LF	30.00	900.00	60%	\$ 540.00
19	0.1%	Water Main 8 in	40	LF	40.00	1,600.00	60%	\$ 960.00
20	35.6%	Water Main 12 in	15550	LF	65.00	1,010,750.00	60%	\$ 606,450.00
21	1.4%	Water Main 12 in (Open Cut/Less Crossing)	80	LF	500.00	40,000.00	60%	\$ 24,000.00
22	0.8%	Directional Bore - 6 in	310	LF	75.00	23,250.00	60%	\$ 13,950.00
23	14.8%	Directional Bore - 12 in	3010	LF	140.00	421,400.00	60%	\$ 252,840.00
24	7.4%	Detailed Tie-In	10	EA	210,000.00	2,100,000.00	60%	\$ 1,260,000.00
25	3.3%	Gate Valve	14	EA	6,643.00	93,002.00	60%	\$ 55,801.20
26	0.3%	Blow Off Assembly	1	EA	8,500.00	8,500.00	60%	\$ 5,100.00
27	6.7%	Factory Built Meter Pit	1	LS	190,000.00	190,000.00	60%	\$ 114,000.00
28	1.1%	Tracer Wire	5970	LF	3.00	29,850.00	60%	\$ 17,910.00
29	0.4%	Seeding	10	AC	1,000.00	10,000.00	60%	\$ 6,000.00
30	0.1%	Gravel	50	TON	75.00	3,750.00	60%	\$ 2,250.00
31	0.3%	Restoration	15700	LF	0.50	7,850.00	60%	\$ 4,710.00
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%	\$ -
		<b>Construction Sub-Total</b>				\$ 2,125,852.00	60%	\$ 1,275,511.20
	7.5%	<b>Allowable Contingency (10%)</b>				\$ 212,585.20	60%	\$ 127,551.12
	0.0%	<b>Electric Contingency Reduction</b>				\$ -	60%	\$ -
	82.3%	<b>Construction Total</b>				\$ 2,338,437.20	60%	\$ 1,403,062.32

Eligible Preconstruction								
		Eligible Preconstruction			\$ 248,200.00		60%	\$ 148,920.00
		Eligible Construction			\$ 2,593,837.20		60%	\$ 1,556,302.32
		<b>Eligible Total</b>			\$ 2,842,037.20		60%	\$ 1,705,222.32

Ineligible Preconstruction Costs								
37	0.0%		0				0%	\$ -
38	0.0%		0				0%	\$ -
39	0.0%		0				0%	\$ -
40	0.0%		0				0%	\$ -
		<b>Preconstruction Ineligible Total</b>					0%	\$ -

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

Ineligible Total								
		<b>Ineligible Total</b>					0%	\$ -
		<b>Project Total</b>				\$ 2,842,037.20		\$ -
		<b>Federal or State Funds That Supplant Costs</b>				\$ -		\$ -
		<b>Eligible Cost Total</b>				\$ 2,842,037.20	60%	\$ 1,705,222.32

\* 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:** Cass Rural Water District  
**Project Title:** CRWD 2026 System Improvements  
**Date:** April 28, 2026

**Project includes rural and regional costs at different cost-share percentages -- review details are separated accordingly.**

**Explanation of Alternatives:**

- Do Nothing: Current infrastructure remains as-is and no regional expansion occurs. Current concerns of adequate pressure and growing demand are not addressed, and water restrictions are considered. This alternative is not considered feasible by sponsor.  
 - **CRWD 2026 System Improvements (PVC Option):** A blend of PVC and HDPE pipelines are installed (45,000 LF rural extensions and 19,000 LF regional extension) to service new customers, improve pressures and flows during peak demand and enhance system performance through key looping improvements.  
 - **CRWD 2026 System Improvements (HDPE Option):** Installed pipelines for the preferred project (described above) are solely HDPE.  
 Sponsor has no preference between the two materials and will proceed with best overall price.

**Inputs:**

New Connections Served	20	Current CIF Balance	\$15,000,000
Future Connections Served	0	Annual CIF Contribution	\$750,000
Current Connections Served	9500	Cash Funding Target (Percentage %) New Assets	10%
Net Connections (New + Current)	9520	Cash Funding Target (Percentage %) Existing Assets	100%
		Annual CIF Contribution suggested for the Project	\$8,607

	Do Nothing	CRWD 2026 System Improvements (PVC Option)	CRWD 2026 System Improvements (HDPE Option)
Total Construction Cost	\$0	\$5,016,900	\$5,102,600
Annual O & M	\$0	\$18,532	\$18,921
Construction Cost RURAL		\$2,313,600	\$2,260,526
Construction Cost ETA		\$2,703,300	\$2,842,037

**Details:**

Water demand is rising in the area due to increased agricultural spraying and irrigation needs, growing service demand, and rural growth. The proposed project improves full system performance.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	CRWD 2026 System Improvements (PVC Option)	CRWD 2026 System Improvements (HDPE Option)
<b>Present Value</b>			
Capital Costs	\$0	\$4,937,000	\$5,022,000
O&M	\$0	\$431,000	\$442,000
Repair, Rehab, Replacement	\$0	\$892,000	\$908,000
Salvage Value	\$0	\$20,000	\$16,000
<b>Total PVC</b>	<b>\$0</b>	<b>\$6,240,000</b>	<b>\$6,356,000</b>
<b>PV Cost Per User</b>	<b>\$0</b>	<b>\$655</b>	<b>\$668</b>
Construction Cost Per User		\$527	\$536
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$57</b>		
<b>Comparable Water Rate</b>	<b>\$84</b>		
Net Connections (New + Current)	9,520	9,520	9,520
Cost-Share Percent RURAL	75%	75%	75%
Local Share		\$578,400	\$565,132
Cost-Share Percent ETA	60%	60%	60%
Local Share		\$1,081,320	\$1,136,815
<b>FULL PROJECT</b>			
Local Share	\$0	\$1,659,720	\$1,701,946
Other Funding	\$0	\$0	\$0
Total Local	\$0	\$1,659,720	\$1,701,946
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$0.88</b>	<b>\$0.90</b>
Local Share	\$0	\$4,937,000	\$5,022,000
Other Funding	\$0	\$0	\$0
Total Local	\$0	\$4,937,000	\$5,022,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$2.62</b>	<b>\$2.67</b>

**Explanation of Results:**

The preferred project installs new pipeline and supports increasing demand in the area. Present value cost per user is \$655 and construction cost per user is \$527. The monthly cost with DWR cost-share participation is \$0.88 per user and \$2.62 per user without DWR participation.



PO Box 98 · 131 Maple Street · Kindred, ND 58051 · 701-428-3139

April 20, 2026

Department of Water Resources  
Governor Kelly Armstrong, Chairman  
1200 Memorial Highway  
Bismarck, ND 58504-5262

Department of Water Resources  
Lieutenant Governor Michelle Strinden  
1200 Memorial Highway  
Bismarck, ND 58504-5262

**Re: Construction Cost-Share Request WebGrants ID 1087629  
CRWD 2026 System Improvements**

Dear Governor Armstrong, Lt. Governor Strinden, and Commission Members:

Cass Rural Water District (CRWD) is pleased to submit a construction cost-share request through WebGrants for consideration at the upcoming June 9, 2026 State Water Commission (SWC) meeting. The focus of this funding request is for the CRWD 2026 System Improvements project.

### **Project Overview**

The proposed project is a comprehensive pipeline effort to enhance system performance, resiliency, and provide the capability to hook up new customers to rural water service across CRWD's rural and regional service area. It includes two core project components:

- **Rural Watermain Extensions:** Installation of approximately 45,000 feet of new 4-inch watermain to improve pressures and flows in rural portions of the distribution system, and to be able to provide rural water access to new customers.
- **Regional Watermain Extensions:** Installation of approximately 19,000 feet of new 6-, 8-, 10-, 12-inch watermain and a meter pit to strengthen system looping, improve pressures, and be able to provide water service to new customers.

### **Project Need**

The areas identified for rural and regional watermain extensions are currently experiencing low pressures and limited flow during peak demand conditions. In addition, CRWD has received increasing interest and service requests from potential customers in these areas. The proposed watermain extensions are intended to address these system deficiencies and improve overall service performance and reliability.

### **Previous Pre-Construction Request**

This project was approved for pre-construction cost-share in the amount of \$305,220 at the December 16, 2025 North Dakota State Water Commission meeting.

CRWD would like to note that the approved pre-construction request included the addition of three generators at Reservoir sites H, I, and J. A portion of the pre-construction funding was used to complete the generator design; however, CRWD intends to cash-fund the associated generator construction costs. As a result, generator costs are not included in this construction cost-share request.

### **Current Funding Request**

The current funding request is for the construction cost-share for the CRWD 2026 System improvements project, which includes approximately 45,000 linear feet of rural pipeline extensions and 19,000 linear feet of regional pipeline extensions.

### **Project Bidding**

The rural and regional projects will be advertised for bidding on April 22, 2026, with bid openings planned on May 19, 2026.

### **Project Objectives**

The project is designed to:

- Provide the ability to serve new customers in CRWD's service area.
- Improve water pressures and flows during peak demand conditions.
- Enhance system performance and operational flexibility through key looping improvements.

Thank you for considering CRWD's construction cost-share application. Please feel free to contact me at (701) 428-3139 if you have any questions or need additional information.

Sincerely,

**Cass Rural Water District**



Brent Brinkman  
General Manager

cc:

Todd Ellison, Chairman of the Board (CRWD)  
Kellen Grubb, PE, Project Manager (AE2S)

DRAFT

## MINUTES

## CASS RURAL WATER USERS DISTRICT

April 23, 2026

The Cass Rural Water Users District Board of Directors met on Thursday, April 23, 2026, at 6:00 p.m. at Cass Rural Water Users Office in Kindred, North Dakota. The following Directors were present:

Keith Finger	Kelly Yanke-Deltener	Brad Koetz
Barry Bowman	Jeff Zaun	Todd Ellison
Jon Zuther	Marc Rue(by Phone)	Alan Idso

Also present was Manager Brent Brinkman, Kellen Grubb of AE2S.

The minutes of the March 26, 2026 regular meeting were approved as **presented**.

Manager Brent Brinkman presented the summary of cash and investments for March 2026.

Director Zuther moved and Director Finger seconded a motion to approve the consent agenda. Motion Carried.

A. PAY CERTIFICATE NO. 12 – CRWD NEW OFFICE – LEE JONES & SON

Director Zaun moved and Director Finger seconded a *motion to approve Pay Certificate No. 12 on CRWD New Office with Lee Jones and Son for \$56,249.95. Motion Carried.*

B. PRELIMINARY ENGINEERING SERVICES AGREEMENT – GERONIMO POWER

Director Finger moved and Director Idso seconded a *motion to approve the Preliminary Engineering Services Agreement with Geronimo Power. Motion Carried.*

C. TASK ORDER NO. 31 – CRWD GERONIMO POWER WATER SERVICE STUDY – AE2S

Director Koetz moved and Director Finger seconded a *motion to approve Task Order No. 31 – CRWD Geronimo Power Water Service Study for \$31,200.00. Motion Carried.*

D. 2026 SYSTEM IMPROVEMENTS – PURSUE STATE WATER COMMISSION COST-SHARE

Director Zuther moved and Director Zaun seconded a *motion to approve the 2026 System Improvements to Pursue State Water Commission Cost-Share. Motion Carried.*

E. 2026 SYSTEM IMPROVEMENTS – RESOLUTION OF GOVERNING BODY

Director Koetz moved and Director Finger seconded a *motion to approve the 2026 System Improvements Resolution of Governing Body. Motion Carried.*

Manager Brinkman reported on the district's operations for the month of March 2026.

The next regular Meeting was set for Thursday, May 28, 2026, at 6:00 p.m. in Kindred, North Dakota.

There being no further business brought to the Board, the meeting was adjourned.

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Barry Bowman, Secretary

# 1087877 - Flasher Elevated Tank

## 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:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Apr 23, 2026 10:37 AM  
**Initially Submitted By:** Jared Huibregtse  
**Last Submit Date:** Apr 29, 2026 4:37 PM  
**Last Submitted By:** Bryan Ziegler

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name:** Mr. Bryan Ziegler  
Salutation First Name Middle Name Last Name  
**Title:**  
**Email\*:** [bryan.ziegler@bartwest.com](mailto:bryan.ziegler@bartwest.com)  
**Address\*:** 3456 E. Century Ave  
  
Bismarck North Dakota 58503  
City State/Province Postal Code/Zip  
**Phone\*:** (701) 221-8353 Ext.  
Phone  
### ###-####  
**Fax:** ### ###-####  
**Comments:**

### Organization Information

**Status\*:** Approved  
**Name\*:** Missouri West Water System  
**Organization Type\*:** Political Subdivision  
**Tax Id:** 45-0434651  
**Organization Website:**  
**Address\*:** 2816 37th Street NW

Mandan North Dakota 58554-\_\_\_\_  
City State/Province Postal Code/Zip

**Phone\*:** (701) 663-8549 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\*:** Flasher Elevated Tank  
**Sponsor(s)\*:** Missouri West Water System  
**County\*:** Morton  
**City\*:** Flasher  
**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 via City of Mandan and SWA

**Jurisdictions/Stakeholders Involved\*:**

Missouri West users in the Flasher Service Area of the MWWS distribution system. The town of Flasher and portions of the SWPP receive water supply from this tank.

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

Missouri West Water System's existing Flasher Tank is reaching the end of its useful life. The bolted-glass lined tank has areas of failing coatings and sealant issues (see attached photos). The design of the tank also limits the use of the total head range of the tank leading to water turnover issues and lower chlorine levels. The inability to utilize the entire tank storage capacity along with its location in the system is limiting the ability for MWWS and SWPP to add users in the area. The existing tank capacity is 189,000 gallons. The peak day observed through the booster that fills this tank was 118,000 gallons. Based off design requirements for reserve storage for users and towns along with calculating unusable capacity at the low water line the design capacity of the tank should be 229,000 gallons.

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

The project would involve installing a new elevated tank replacing the existing standpipe along with new inlet/outlet piping. The project will correct the design limits of the head range and by forcing the water to move through the tank it would greatly improve water age issues within this portion of the MWWS system. It would also allow for additional users to be added within the MWWS as well as the SWPP service area.

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

The objective specific to this application is to obtain pre-construction cost-share for the design of a new Flasher elevated tank & associated piping/connection appurtenances.

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

Pre-construction/design of a new Flasher elevated tank & associated piping/connection appurtenances.

For this project,

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

**What is the Current Estimated Population?\*** 5000

For this project,

**What is the Benefited Population?\*** 600

**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?\*** 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\*:** N/A

**Design Completion\*:** Spring 2027

**Bid\*:** Spring 2027

**Construction Start\*:** Fall 2027

**Construction Completion\*:** Fall 2028

**Explain Additional Timeline Issues\*:**

Availability of funding.

**Consulting Engineer\*:** Bryan Ziegler, P.E. - Bartlett & West

**Engineer Direct Phone Number\*:** 701-221-8353

**Engineer Email\*:** [bryan.ziegler@bartwest.com](mailto:bryan.ziegler@bartwest.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\*:** Karin Garvie 04/15/2026  
First Name Last Name Date

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

**Address\*:** 2816 37th St NW  
Address Line 1  
Address Line 2

Mandan North Dakota 58554-0000  
City State Zip Code

**Direct Phone Number\*:** 701-663-8549

**Sponsor Email\*:** [kgarvie@missouriwest.com](mailto:kgarvie@missouriwest.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:** Karin Garvie  
First Name Last Name

**Authorized Signor Title/Position:** Manager

**Authorized Signor Email:** [kgarvie@missouriwest.com](mailto:kgarvie@missouriwest.com)

**Authorized Signor Direct Phone Number:** 701-663-8549

**Provide the Name for One Additional Board Member, if Applicable:** Wade Bachmeier  
First Name Last Name

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

**Additional Board Member Email:** [wade@landmarknd.us](mailto:wade@landmarknd.us)

**Additional Board Member Direct Phone Number:** 701-400-4251

## Documentation

### Documentation

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

[CLICK HERE](#) to see examples.

**Project Specific Map** [MWWS\\_Flasher Tank\\_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:** [March 25th 2026 Minutes.pdf](#)

**Cover Letter:** [Funding 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:** [sfn\\_61801\\_delineation\\_of\\_cost\\_FlasherTank.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\\_worksheet\\_Flasher Tank.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:** [Tank Photos.pdf](#)

**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 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		Future Request	\$0.00	\$0.00	\$2,154,750.00	\$2,154,750.00	Grant	0.00	0.00

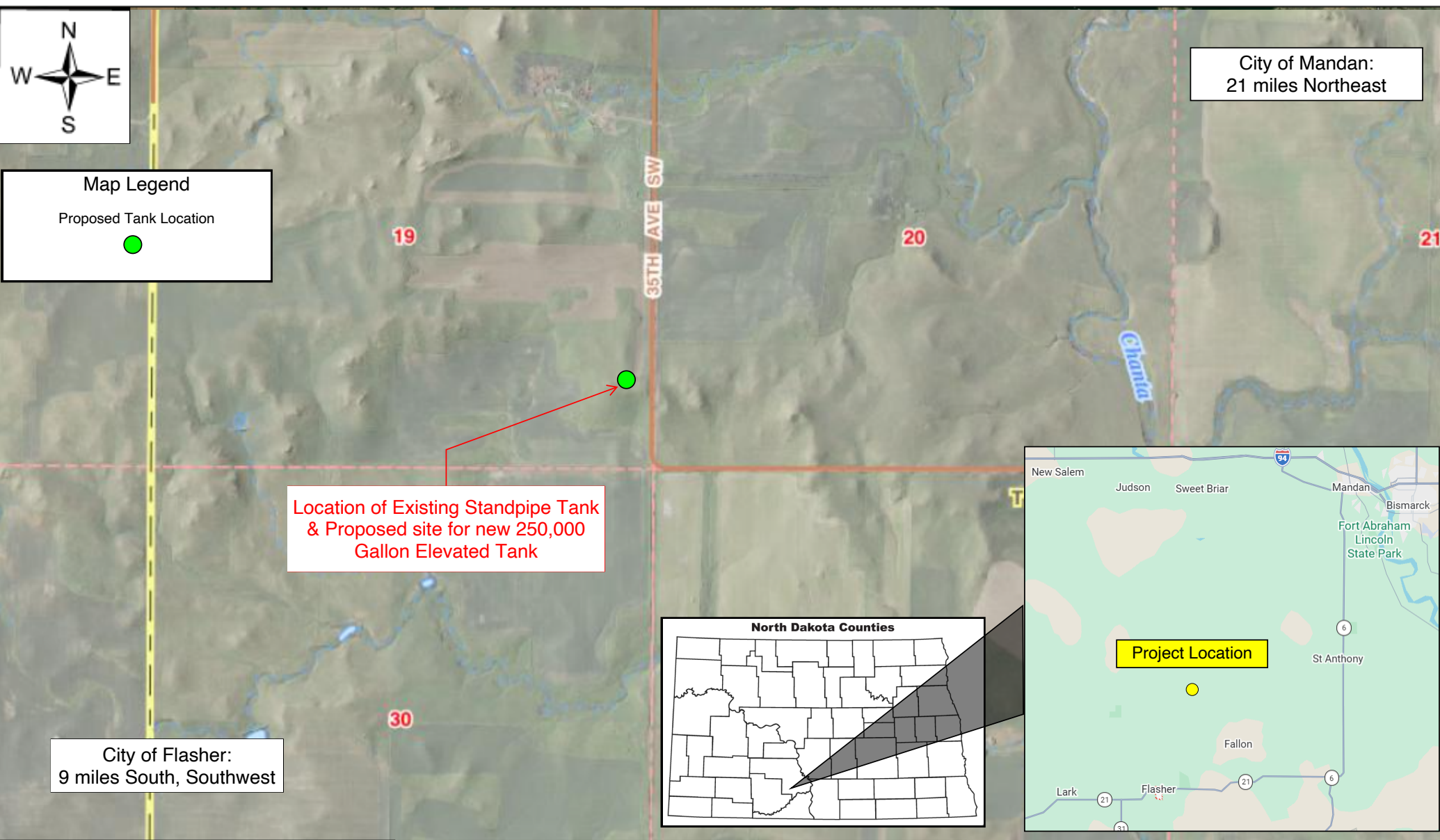
Drinking Water State Revolving Fund	Current Request	\$63,750.00	\$0.00	\$0.00	\$63,750.00	Loan	30.00	2.00
Department of Water Resources Cost Share Pre-Construction	Current Request	\$191,250.00	\$0.00	\$0.00	\$191,250.00	Grant	0.00	0.00
Drinking Water State Revolving Fund	Future Request	\$0.00	\$0.00	\$718,250.00	\$718,250.00	Loan	30.00	2.00
		<b>\$255,000.00</b>	<b>\$0.00</b>	<b>\$2,873,000.00</b>	<b>\$3,128,000.00</b>			



**Map Legend**

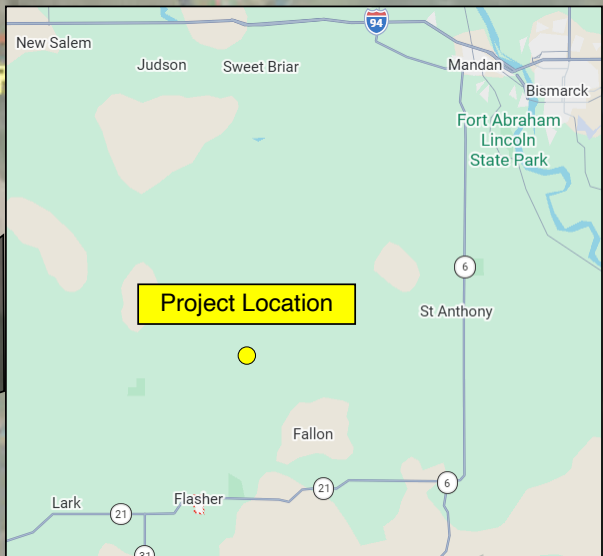
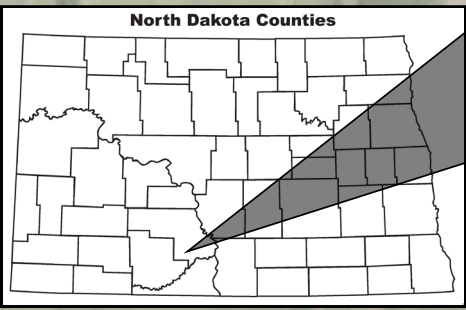
Proposed Tank Location

City of Mandan:  
21 miles Northeast



Location of Existing Standpipe Tank  
& Proposed site for new 250,000  
Gallon Elevated Tank

City of Flasher:  
9 miles South, Southwest



T136N, R83W, S19 SESE

Missouri West Water System  
Flasher Elevated 250k Gallon Tank





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

DWR Date Received : April 23, 2026

Date :	4/20/26
Project :	Flasher Elevated Tank
Sponsor :	Missouri West Water System
Contact :	Karin Garvie, Manager
Phone :	701-663-8549
Engineer :	Bryan Ziegler, Bartlett & West
Phone :	701-221-8353

Total Cost :	\$ 3,128,000.00	Total Cost-Share* :	\$ 2,346,000.00
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 3,128,000.00	Preconstruction :	\$ 191,250.00
Local Cost :	\$ 782,000.00	Construction :	\$ 2,154,750.00

Project Type:	Water Supply - Rural	Cost-share %	75%
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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		-	\$ -	75%	\$ -
2	0.0%		0		-	\$ -	75%	\$ -
3	0.0%		0		-	\$ -	75%	\$ -
4	0.0%		0		-	\$ -	75%	\$ -
5	0.0%		0		-	\$ -	75%	\$ -
	0.0%	<b>Other Eligible Total</b>				\$ -	75%	\$ -

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>								
6	3.5%	Preliminary Design	1	LS	110,000.00	\$ 110,000.00	75%	\$ 82,500.00
7	3.0%	Final Design	1	LS	95,000.00	\$ 95,000.00	75%	\$ 71,250.00
8	1.3%	Geotechnical Investigations	1	LS	40,000.00	\$ 40,000.00	75%	\$ 30,000.00
9	0.3%	Archeological Study	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00
10	0.0%		0		-	\$ -	75%	\$ -
	8.2%	<b>Preconstruction Total</b>				\$ 255,000.00	75%	\$ 191,250.00

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Engineering Costs</b>								
11	8.3%	Construction Observation	1	LS	260,000.00	\$ 260,000.00	75%	\$ 195,000.00
12	3.4%	Construction Contract Mgmt.	1	LS	105,000.00	\$ 105,000.00	75%	\$ 78,750.00
13	0.0%		0		-	\$ -	75%	\$ -
14	0.0%		0		-	\$ -	75%	\$ -
	11.7%	<b>Construction Engineering Total</b>				\$ 365,000.00	75%	\$ 273,750.00

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Costs</b>								
15	1.0%	Mobilization	1	LS	30,000.00	\$ 30,000.00	75%	\$ 22,500.00
16	0.5%	Bonding	1	LS	15,000.00	\$ 15,000.00	75%	\$ 11,250.00
17	0.5%	Insurance	1	LS	15,000.00	\$ 15,000.00	75%	\$ 11,250.00
18	2.6%	Site Work	1	LS	80,000.00	\$ 80,000.00	75%	\$ 60,000.00
19	4.8%	Inlet/Outlet Piping	1	LS	150,000.00	\$ 150,000.00	75%	\$ 112,500.00
20	3.2%	Pipeline Appurtenances	1	LS	100,000.00	\$ 100,000.00	75%	\$ 75,000.00
21	5.6%	Concrete - Cast-In-Place	1	LS	175,000.00	\$ 175,000.00	75%	\$ 131,250.00
22	48.0%	Reservoir & Storage - Metal 250,000 gals	1	LS	1,500,000.00	\$ 1,500,000.00	75%	\$ 1,125,000.00
23	4.8%	Coating System	1	LS	150,000.00	\$ 150,000.00	75%	\$ 112,500.00
24	1.1%	Cathodic Protection	1	LS	35,000.00	\$ 35,000.00	75%	\$ 26,250.00
25	0.2%	Testing, Cleaning, Disinfection	1	LS	5,000.00	\$ 5,000.00	75%	\$ 3,750.00
26	0.8%	Tank Mixer	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00
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%	\$ -
		<b>Construction Sub-Total</b>				\$ 2,280,000.00	75%	\$ 1,710,000.00
	7.3%	<b>Allowable Contingency (10%)</b>				\$ 228,000.00	75%	\$ 171,000.00
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	75%	\$ -
	80.2%	<b>Construction Total</b>				\$ 2,508,000.00	75%	\$ 1,881,000.00

Eligible Preconstruction	\$ 255,000.00	75%	\$ 191,250.00
Eligible Construction	\$ 2,873,000.00	75%	\$ 2,154,750.00
<b>Eligible Total</b>	<b>\$ 3,128,000.00</b>	<b>75%</b>	<b>\$ 2,346,000.00</b>

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Ineligible Preconstruction Costs</b>								
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<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%	\$ -

<b>Ineligible Total</b>	\$ -	0%	\$ -
<b>Project Total</b>	<b>\$ 3,128,000.00</b>		

<b>Federal or State Funds That Supplant Costs</b>	\$ -		
<b>Eligible Cost Total</b>	<b>\$ 3,128,000.00</b>	75%	\$ 2,346,000.00

\* 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:** Missouri West Water System  
**Project Title:** Flasher Elevated Tank

**Date:** May 1, 2026

**Explanation of Alternatives:**

- **Elevated 250,000 Gallon Reservoir - Preferred:** Existing 189,000 gallon tank in Flasher is replaced with a 250,000 gallon elevated tank, existing standpipe is replaced and new inlet/outlet piping is installed.  
 - **Do Nothing:** Existing tank remains as-is and the limitations of the tank are not addressed.

**Inputs:**

New Connections Served	0	Current CIF Balance	N/A
Future Connections Served	25	Annual CIF Contribution	N/A
Current Connections Served	400	Cash Funding Target (Percentage %) New Assets	N/A
Net Connections (New + Current)	400	Cash Funding Target (Percentage %) Existing Assets	N/A
		Annual CIF Contribution suggested for the Project	N/A

	<b>Elevated 250,000 Gallon Reservoir</b>	Do Nothing		
Construction Cost	\$3,128,000	\$0		
Annual O & M	\$7,500	\$7,500		

**Details:**

This project corrects design limits of the current tank's head range and improves water age issues. It addresses existing constraints on adding users in MWWS and SWPP service areas with approximately 25 additional users estimated under future expansion.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

Present Value	<b>Elevated 250,000 Gallon Reservoir</b>	Do Nothing		
Capital Costs	\$3,079,000	\$0		
O&M	\$176,000	\$191,000		
Repair, Rehab, Replacement	\$780,000	\$0		
Salvage Value	\$235,000	\$0		
<b>Total PVC</b>	<b>\$3,800,000</b>	<b>\$191,000</b>		
<b>PV Cost Per User</b>	<b>\$9,500</b>	<b>\$478</b>		
Construction Cost Per User	\$7,820			
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$78</b>			
<b>Comparable Water Rate</b>	<b>\$47</b>			
Net Connections (New + Current)	400	400		
Cost-Share Percent	75%	75%		
Local Share	\$769,750	\$0		
Other Funding	\$0	\$0		
Total Local	\$769,750	\$0		
<b>Payment Per User With Cost-Share</b>	<b>\$9.74</b>	<b>\$0.00</b>		
Local Share	\$3,079,000	\$0		
Other Funding	\$0	\$0		
Total Local	\$3,079,000	\$0		
<b>Payment Per User Without Cost-Share</b>	<b>\$38.94</b>	<b>\$0.00</b>		

**Explanation of Results:**

The preferred project replaces existing Flasher Tank with an elevated tank and addresses current system limitations. Present value cost per user is \$9,500 and construction cost per user is \$7,820. The monthly cost with 75% DWR cost-share participation is \$9.74 per user and \$38.94 per user without DWR participation.







# MISSOURI WEST WATER SYSTEM

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Date: 4/15/26

Subject: SWC Cost Share Program

Missouri West Water System formally requests to apply for the SWC Cost Share funding for the Flasher Elevated Tank. This project will install an elevated tank south of Mandan. This tank will serve users in southern Morton County including the town of Flasher and bulk service to Southwest Pipeline Project.

The Morton County Water Resource District Board of Directors voted and passed a motion at their March 25, 2026, board meeting to request cost share funding for the proposed project. Attached are the meeting minutes from the MWRD board meeting addressing the funding request.

Thank you for consideration of this funding request.

Sincerely,

A handwritten signature in blue ink that reads "Karin Garvie". The signature is fluid and cursive.

Karin Garvie  
Manager  
Missouri West Water System

Unapproved  
Morton County Water Resource District  
March 25, 2026

1. The Morton County Water Resource District met in regular session at 10am on Wednesday, March 25, 2026, at the Missouri West Water offices at 2816 37t St. NW, Mandan, ND.
2. The following persons were present: Chairman Wade Bachmeier, Managers: James Wetsch, Todd Norton, Bruce Engelhardt, Jim, Schmidt, Brenda Winckler, Sec-Treas., Nic Cullen, Houston Engineering, Ken Royce, MRJWB, Karen Garvie, Ziegler, Dusty Hadley, Hunter Schlosser, and Craig Keidel, MWWS, Pat Martin MC Emergency Mgmt., and Arlen Ruff, Kelsch Law Firm.
3. Chairman Bachmeier called the meeting to order with the Pledge of Allegiance.
4. Minutes: Mgr. Wetsch and Mgr. Norton seconded to approve the amended February 25, 2026 minutes. MCU.
5. USGS: Nic Cullen, Houston Engineering, and Pat Martin, MC Emergency Management, were present to discuss the MC Flood Inundation Map based on 2016 lidar. Houston Engineering would like MC to take over the stage based flood inundation map for the Heart River and the Missouri River at the county GIS level. MC GIS and the City of Mandan will plan to continue using it and make it accessible for the public. This is a valuable tool for the public.
6. MWWS: Mgr. Garvie reviewed the following items: Flasher tank: MWWS went to Flasher to fix the holes on the tank after they removed the ice from the outside. Discussion was held on replacing tank with an elevated tank near the same spot. SWA has a lot of people on a waiting list in that area. Need to get an application submitted by April 25<sup>th</sup> for next water meeting. Mgr. Engelhardt moved to apply for cost share with the state water for design and replacement of the Flasher tank. Mgr. Schmidt seconded the motion. MCU. Ft. Lincoln water: Bryan Ziegler and Craig Keidel met with Shawn Johnson, Eric Dietrich on site and discussed where and what we can do to help add water to the Ft. Lincoln area which currently has a standard meter pit. Master Meter: MWWS has purchased the lot, surveyed and platted. They need clarification on the easement from 1992. Can we vacate the easement? In order for us to do this lot, the whole lot needs to be platted for the City of Mandan. Whose responsibility is that? Since we are a government entity, we should be able to have a variance for their ordinance. Motsiff subdivision, we have been approved for the pre construction for \$20,000. Bryan will work on the design. If its less than \$200,000 we won't have to publicly bid it. Bryan will confirm that. Mgr. Garvie would like a suggestion. from the Board, if they can get a reduced cost for sign up, cost share is roughly \$9000 per lot for 6 homes, because there is no room for any additional sites. Consensus of the Board is MWWS has already put a lot of time and money for this project so no additional reduced cost. New MWWS building: \$197,980 has already been spent for engineering for the new building. Water loss due to the southern area are already using pasture taps. Financial Reports: The Board reviewed the income totaling \$167,682 and expenditures of \$250,510 for the month of February. Mgr. Schmidt moved to accept and place these reports in file. Mgr. Wetsch seconded the motion. MCU.
7. MRJWB: Ken Royce was present to discuss the Coalition of the Missouri River. Articles were written and published regarding the navigation of the MR. Ken Royce, Wade Bachmeier, Jim Schmidt and Duane Dekrey, GDCD, flew to Missouri to discuss this. Was a very productive meeting. The City of St. Louis

uses more water than all the states above. They were worried about the precedence this causes verses the water ND will be taking. Discussed starting with the stakeholders and proceed with this project. They were all in agreement with this.

8. Schlosser Land: Chairman Bachmeier discussed just purchasing the part of the land that stays wet with Schlosser. Has not been able to get together yet.

9. Harmon Lake: Outlet is open 2 inches and the water has not dropped. HL is opening up, no docks in yet. Plunge pools are pretty full. Will need a new campground host for Grainer Park.

10. Inundation Study: Mike Gunsch is working on this and then we can present to MC P&Z.

11. Financial Reports: Mgr. Wetsch moved to change the mileage rate to match the state rate for mileage which is currently \$.725. Mgr. Schmidt seconded the motion. MCU. Mgr. Engelhardt moved to approve and pay the following vouchers. Mgr. Norton seconded the motion. MCU.

<b><i>CK#</i></b>	<b><i>NAME:</i></b>	<b><i>AMOUNT:</i></b>	<b><i>MEMO:</i></b>
1745	Kelsch Law Firm	\$945.00	Legal fee
1746	Brenda Winckler	\$894.76	QB Payroll fee ½
1747	Bruce Engelhardt	\$474.35	Meetings, mileage
1748	Todd Norton	\$383.15	Meetings, mileage
1749	James Schmidt	\$196.16	Meetings, mileage
1750	James Wetsch	\$576.62	Meetings, mileage
1751	Brenda Winckler	\$1430.18	Salary, lunch reimbursed
1752	Wade M. Bachmeier	\$436.36	Meetings
EFT	IRS	\$635.26	Payroll taxes
1753	Dakota Community Bank	\$33,000.00	2026 HL O&M Deposit

There being no further business, motion duly made and seconded, the meeting was adjourned.

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Wade M. Bachmeier, Chairman.

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Brenda Winckler, Sec-Treas

# 1087186 - Garrison Rural Water District, Pump Station #5, NDDWR Cost Share - Construction

## 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:** Under Review  
**Stage:** Final Application

**Initial Submit Date:** Mar 26, 2026 10:56 AM  
**Initially Submitted By:** Justin Ahmann  
**Last Submit Date:** Apr 22, 2026 9:19 AM  
**Last Submitted By:** Justin Ahmann

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Mr. Justin Joseph Ahmann  
Salutation First Name Middle Name Last Name

**Title:**

**Email\*:** [justin.ahmann@ackerman-estvold.com](mailto:justin.ahmann@ackerman-estvold.com)

**Address\*:** 1919 19th Ave NW

Minot North Dakota 58703  
City State/Province Postal Code/Zip

**Phone\*:** 701-373-5886 Ext.  
Phone  
### ###-####

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

**Comments:**

### Organization Information

**Status\*:** Approved

**Name\*:** Garrison Rural Water District

**Organization Type\*:** In-State Non-Profit

**Tax Id:**

**Organization Website:**

**Address\*:** 1598 37th Ave NW  
  
Garrison North Dakota 58540-\_\_\_\_  
City State/Province Postal Code/Zip  
**Phone\*:** 701-337-5682 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\*:** Pump Station #5 & Reservoir - Douglas Bay  
**Sponsor(s)\*:** Garrison Rural Water District  
**County\*:** McLean  
**City\*:** Garrison  
**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?:** City of Garrison

**Jurisdictions/Stakeholders Involved\*:**

Garrison Rural Water District

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

Users in the western service area have reported low water pressure for several years. Although the issue has been occurring for quite some time, the frequency of complaints has been increasing due to the increase in number of users in the distribution system. Several memoranda have been developed for GRWD that have analyzed the existing system, specifically the western service area. Based on modeling results, the western service zone can adequately service around 200 users. Model results indicate that beyond 200 to 225 users, service pressures below 40 psi become widespread. In recent months several requests for service to new developments have been received by the District. Currently there are approximately 210 users in the western service zone. This area is considered to be at capacity and the District has been unable to fulfill recent requests for new services. New connections are being approved on a case-by-case basis until additional capacity is available.

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

GRWD is proposing to construct a new pump station with an adjacent reservoir. The pump station would be a wood framed building with metal panel exterior and steel panel roof. The reservoir would be a 125,000-gallon glass-fused-to-steel tank with a geodesic dome roof.

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

The proposed project would address the goals of providing adequate service volume and adequate service pressure to all users, and adequate storage to meet the peak demand. This project also would allow for growth well into the future in the wester service zone as well as in other service areas of the District.

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

The project will construct a 30'x18' wood framed pump station building with metal panel exterior and FRP interior wall covering. The building will include electrical, HVAC, process piping, pump controls, and a small bathroom. The pump station will be connected to a 125,000-gallon glass-fused-to-steel tank, and the project will be connected to the rural water main using approximately 560 LF of 6" PVC watermain, gate valves, and a fire hydrant.

For this project,

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

**What is the Current Estimated Population?\*** 1856

For this project,

**What is the Benefited Population?\*** 420

**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?\*** 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\*:** September 2025

**Design Completion\*:** March 2026

**Bid\*:** July 7, 2026

**Construction Start\*:** August 3, 2026

**Construction Completion\*:** June 25, 2027

**Explain Additional Timeline Issues\*:**

none.

**Consulting Engineer\*:** Ackerman-Estvold

**Engineer Direct Phone Number\*:** 701-857-9133  
**Engineer Email\*:** [justin.ahmann@ackerman-estvold.com](mailto:justin.ahmann@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\*:** Diane Stockdill 03/26/2026  
First Name Last Name Date

**Title/Position/Authority\*:** President, Garrison Rural Water

**Address\*:** 1598 37th Ave NW  
Address Line 1  
Address Line 2  
Garrison North Dakota 58540-9245  
City State Zip Code

**Direct Phone Number\*:** 701-337-5682

**Sponsor Email\*:** [dstockdill48@gmail.com](mailto:dstockdill48@gmail.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:** Steve Seidler  
First Name Last Name

**Authorized Signor Title/Position:** Vice President Garrison Rural Water

**Authorized Signor Email:** [sseidler@rtc.coop](mailto:sseidler@rtc.coop)

**Authorized Signor Direct Phone Number:** 701-500-1111

**Provide the Name for One Additional Board Member, if Applicable:** David Iverson  
First Name Last Name

**Additional Board Member Title/Position:** Secretary Garrison Rural Water

**Additional Board Member Email:** [iver2994@hotmail.com](mailto:iver2994@hotmail.com)

**Additional Board Member Direct Phone Number:** 701-240-7728

## Documentation

### ***Documentation***

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

[CLICK HERE](#) to see examples.

**Project Specific Map**[GRWD Water System Map Att1.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:** [2025-01-28\\_GRWD\\_Minutes.pdf](#)

**Cover Letter:** [2026-04-20 Cover Letter\\_GRWD\\_CostShare\\_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:** [GRWD\\_sfn\\_61801\\_delineation\\_of\\_cost.xlsx](#)

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** [GRWD PS5 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:** [grwd\\_life\\_cycle\\_cost\\_analysis\\_worksheet.xlsx](#)

[CLICK HERE](#) for SFN 62417 Basic Asset Inventory Tool and Current Version.

**Asset Inventory Assessment:** [GRWD\\_sfn\\_62417\\_basic\\_asset\\_inventory\\_tool.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:** [GRWD\\_EngineersReport\\_CostShareApp\\_2-2025.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 Pre-Construction		Already Approved	\$15,000.00	\$45,000.00	\$0.00	\$60,000.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Already Approved	\$20,000.00	\$376,000.00	\$0.00	\$396,000.00	Loan	30.00	2.00
Department of Water Resources Cost Share Construction		Current Request	\$0.00	\$1,002,250.00	\$0.00	\$1,002,250.00	Grant	0.00	0.00
Other	Local Funds	Already Approved	\$0.00	\$8,089.00	\$0.00	\$8,089.00	Loan	0.00	0.00
			<b>\$35,000.00</b>	<b>\$1,431,339.00</b>	<b>\$0.00</b>	<b>\$1,466,339.00</b>			





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

DWR Date Received :

Date :	3/18/26
Project :	Pump Station #5 & Reservoir - Douglas Bay
Sponsor :	Garrison Rural Water District
Contact :	Karmen Seidler, Administrative Assistant
Phone :	701-337-5682
Engineer :	Justin Ahmann, Ackerman-Estvold
Phone :	701-837-8737

Total Cost :	\$ 1,466,339.00	Total Cost-Share* :	\$ 1,062,254.25
Ineligible Cost :	\$ 50,000.00	Other Eligible :	\$ -
Eligible Cost :	\$ 1,416,339.00	Preconstruction :	\$ 60,000.00
Local Cost :	\$ 404,084.75	Construction :	\$ 1,002,254.25

Project Type:	Water Supply - Rural	Cost-share %	75%
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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		-	\$ -	75%	\$ -		
2	0.0%		0		-	\$ -	75%	\$ -		
3	0.0%		0		-	\$ -	75%	\$ -		
4	0.0%		0		-	\$ -	75%	\$ -		
5	0.0%		0		-	\$ -	75%	\$ -		
	0.0%	<b>Other Eligible Total</b>				\$ -	75%	\$ -		
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>										
6	0.5%	Preliminary Design	1	LS	8,000.00	\$ 8,000.00	75%	\$ 6,000.00		
7	3.1%	Final Design	1	LS	45,000.00	\$ 45,000.00	75%	\$ 33,750.00		
8	1.0%	Hydraulic Modeling	1	LS	15,000.00	\$ 15,000.00	75%	\$ 11,250.00		
9	0.5%	Survey (Topographic)	1	LS	7,000.00	\$ 7,000.00	75%	\$ 5,250.00		
10	0.3%	Cultural Resources	1	LS	5,000.00	\$ 5,000.00	75%	\$ 3,750.00		
	5.5%	<b>Preconstruction Total</b>				\$ 80,000.00	75%	\$ 60,000.00		
<b>Construction Engineering Costs</b>										
11	4.1%	Construction Observation	1	LS	60,000.00	\$ 60,000.00	75%	\$ 45,000.00		
12	1.7%	Construction Contract Mgmt.	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00		
13	0.7%	Construction Staking	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00		
14	0.0%		0		-	\$ -	75%	\$ -		
	6.5%	<b>Construction Engineering Total</b>				\$ 95,000.00	75%	\$ 71,250.00		
<b>Construction Costs</b>										
15	5.1%	Mobilization	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00		
16	1.7%	Bonding	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00		
17	1.7%	Insurance	1	LS	25,000.00	\$ 25,000.00	75%	\$ 18,750.00		
18	27.3%	Pump Station	1	LS	400,000.00	\$ 400,000.00	75%	\$ 300,000.00		
19	5.1%	Electrical	1	LS	75,000.00	\$ 75,000.00	75%	\$ 56,250.00		
20	3.4%	Mechanical	1	LS	50,000.00	\$ 50,000.00	75%	\$ 37,500.00		
21	22.2%	Reservoir & Storage - Metal (125,000) Gal	1	LS	325,000.00	\$ 325,000.00	75%	\$ 243,750.00		
22	1.5%	Water Main 6 in	560	LF	38.00	\$ 21,280.00	75%	\$ 15,960.00		
23	1.6%	Gate Valve	6	EA	4,000.00	\$ 24,000.00	75%	\$ 18,000.00		
24	0.3%	Hydrant	1	EA	5,000.00	\$ 5,000.00	75%	\$ 3,750.00		
25	0.7%	Connection to Existing Line	2	EA	5,000.00	\$ 10,000.00	75%	\$ 7,500.00		
26	1.5%	Gravel	620	TON	35.00	\$ 21,700.00	75%	\$ 16,275.00		
27	2.0%	Site Work	1	LS	29,750.00	\$ 29,750.00	75%	\$ 22,312.50		
28	0.4%	Seeding	1	LS	6,000.00	\$ 6,000.00	75%	\$ 4,500.00		
29	0.4%	Other (Septic Tank)	1	LS	6,000.00	\$ 6,000.00	75%	\$ 4,500.00		
30	0.7%	Erosion Control	1	LS	10,000.00	\$ 10,000.00	75%	\$ 7,500.00		
31	1.1%	Fencing	460	LF	36.00	\$ 16,560.00	75%	\$ 12,420.00		
32	0.2%	Other (Fence Gate)	1	EA	3,200.00	\$ 3,200.00	75%	\$ 2,400.00		
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>				\$ 1,128,490.00	75%	\$ 846,367.50		
	7.7%	<b>Allowable Contingency (10%)</b>				\$ 112,849.00	75%	\$ 84,636.75		
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	75%	\$ -		
	84.7%	<b>Construction Total</b>				\$ 1,241,339.00	75%	\$ 931,004.25		
						Eligible Preconstruction	\$ 80,000.00	75%	\$ 60,000.00	
						Eligible Construction	\$ 1,336,339.00	75%	\$ 1,002,254.25	
						<b>Eligible Total</b>	\$ 1,416,339.00	75%	\$ 1,062,254.25	
<b>Ineligible Preconstruction Costs</b>										
37	3.4%	Property Acquisitions (for Water Supply)	1	LS	50,000.00	\$ 50,000.00	0%	\$ -		
38	0.0%		0		-	\$ -	0%	\$ -		
39	0.0%		0		-	\$ -	0%	\$ -		
40	0.0%		0		-	\$ -	0%	\$ -		
	3.4%	<b>Preconstruction Ineligible Total</b>				\$ 50,000.00	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%	\$ -		
						<b>Ineligible Total</b>	\$ 50,000.00	0%	\$ -	
100.0%							<b>Project Total</b>	\$ 1,466,339.00		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -			
						<b>Eligible Cost Total</b>	\$ 1,416,339.00	75%	\$ 1,062,254.25	

\* 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:** Garrison Rural Water District  
**Project Title:** Pump Station #5 & Reservoir - Douglas Bay  
**Date:** April 14, 2026

**Explanation of Alternatives:**

- Do Nothing: Existing system remains in current configuration and users in the western service area continue to experience issues of supply and system growth is limited

- Installation of Additional Watermain: New watermain is installed either as a replacement to existing lines or in parallel beginning at pump station #3 and running 7 miles to service area

- Installation of Larger Pumps at Pump Station #3: Existing two 20 HP pumps at station #3 are replaced with larger pumps (~30HP) and the existing 7.5HP pump remains to increase pressure at the pump station - 145 psi required to provide adequate pressure throughout the western service area. Existing pipe system is rated for a maximum 160 psi and increased pressure is expected to increase water main breaks and friction losses.

- **Construction of a New Pump Station with Reservoir (Preferred):** A new pump station is constructed with two 20HP pumps and one 7.5HP pump along with a 125,000 gallon reservoir tank. Reservoir is fed from pump station #3. Fill rate of reservoir is pressure based to allow

**Inputs:**

New Connections Served	0	Current CIF Balance	\$425,000
Future Connections Served	200	Annual CIF Contribution	\$0
Current Connections Served	195	Cash Funding Target (Percentage %) New Assets	25%
Net Connections (New + Current)	195	Cash Funding Target (Percentage %) Existing Assets	25%
		Annual CIF Contribution suggested for the Project	\$11,993

	Do Nothing	Installation of Additional Water Main	Installation of Larger Pumps at Pump Station #3	Construction of a New Pump Station with Reservoir
Construction Cost	\$0	\$2,908,000	\$77,000	\$1,466,300
Annual O & M	\$24,000	\$24,000	\$50,600	\$15,000

**Details:**

Under the preferred alternative, normal demand is expected to be met by the 7.5HP pump operating intermittently rather than continuously while the two 20 HP pumps are expected to operate during peak demand. O&M costs are expected to remain low due to remote monitoring and limited pump runtime.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	Installation of Additional Water Main	Installation of Larger Pumps at Pump Station #3	Construction of a New Pump Station with Reservoir
<b>Present Value</b>				
Capital Costs	\$0	\$2,862,000	\$77,000	\$1,443,000
O&M	\$607,000	\$560,000	\$1,231,000	\$351,000
Repair, Rehab, Replacement	\$0	\$426,000	\$136,000	\$489,000
Salvage Value	\$0	\$0	\$0	\$98,000
<b>Total PVC</b>	<b>\$607,000</b>	<b>\$3,848,000</b>	<b>\$1,444,000</b>	<b>\$2,185,000</b>
<b>PV Cost Per User</b>	<b>\$3,113</b>	<b>\$19,733</b>	<b>\$7,405</b>	<b>\$11,205</b>
Construction Cost Per User:	\$0	\$14,913	\$395	\$7,519
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$104</b>			
<b>Comparable Water Rate</b>	<b>\$84</b>			
Net Connections (New + Current)	195	195	195	195
Cost-Share Percent	75%	75%	75%	75%
Local Share	\$0	\$715,500	\$19,250	\$360,750
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$715,500	\$19,250	\$360,750
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$18.56</b>	<b>\$0.50</b>	<b>\$9.36</b>
Local Share	\$0	\$2,862,000	\$77,000	\$1,443,000
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$2,862,000	\$77,000	\$1,443,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$74.25</b>	<b>\$2.00</b>	<b>\$37.44</b>

**Explanation of Results:**

The preferred project constructs a new pump station and reservoir to address supply issues and accommodate growth. Present value cost per user is \$11,205 and construction cost per user is \$7,519. The monthly cost with 75% DWR cost-share participation is \$9.36 per user and \$37.44 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.  
 LCCA Version                      Version 1.2024.04.18

Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505

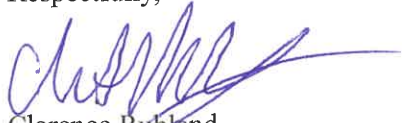
RE: Pump Station #5 – Douglas Bay

The Garrison Rural Water District (GRWD) has proposed the construction of a pump station and water storage reservoir to increase the distribution system's capacity to serve new users in the area around Douglas Bay on Lake Sakakawea. The project will create additional storage, increase pumping capacity, and increase distribution system capacity in order to serve the current increased demand and also allow for new users to be served in the far western portion of GRWD's service area.

GRWD is requesting 75% costs share assistance from the North Dakota Department of Water Resources for pre-construction of the rural water supply project. Upon completion of plans, GRWD will submit a funding request for construction.

GRWD 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 project engineer, Aaron Fornshell with any questions.

Respectfully,



Clarence Ruhlman  
Manager  
Garrison Rural Water District

## Garrison Rural Water District January 28, 2025, Board of Director's Meeting

**Date:** January 28, 2025

**In Attendance:**

BOD members: Diane Stockdill, Steve Seidler, Keith Hunke, Corey Behles, David Iverson

GRWD Employees: Clarence Ruhland and Karmen Seidler

Visitors: Steve Eberle

**Absent:** None

Diane Stockdill called the meeting to order.

**Meeting Minutes**

A motion was made by Keith Hunke and second by Dave Iverson to approve the minutes from December 17, 2024. Aye – 5; Nay – 0. Motion carried 5 to 0.

**Checks & Financials**

A motion was made by Steve S and second by Corey to accept the financial records. The motion was carried with a vote of 5 – Aye and 0 – Nay.

Dave made a motion to put \$300,000 into a short-term CD, 91-days to 182-days, depending on the rates available with TruCommunity Bank. Corey seconded the motion. The motion passed unanimously.

**City of Garrison**

Diane and Steve S attended the Water Board Committee / GRWD meeting held on Tuesday, January 21, 2025. The items on the agenda included Water Plant update, Intake Project and financials. Jessie Berg from Moore Engineering was in attendance to discuss the Water Plant project.

Garrison Rural Water District will owe the City of Garrison a total of \$577,065.04, with \$301,601.55 due February 24, 2025. The remainder of \$275,463.49 will be due at the completion of Water Plant improvements. These totals do not include any liquidated damages that may be paid by the contractor.

The City of Garrison informed Diane and Steve that the water rate will increase by 67¢ per 1000 gallons of water used. The 2024 rate was \$4.13 per 1000 gallons and the 2025 rate will be \$4.80 per 1000 gallons of water. Due to the increase the board determined the water per 1000 gallons will need to be increased at GRWD. The rate will change from \$8.00 per 1000 gallons to \$8.30 per 1000 gallons used, effective March 1, 2025. The motion was made by Dave and seconded by Keith. The motion passed unanimously. Karmen or Clarence will update the website and put a message on billing cards.

## **Steve Eberle**

Ackerman-Estvold is in the process of obtaining a grant through the Department of Water Resources for the Douglas Creek Pump Station. A motion needs to be made by the board for them to continue with the application.

Dave made the following motion which was seconded by Steve. Dave moved to recommend the Board approve Ackerman-Estvold to prepare and submit an application to the Department of Water Resources for the cost-share / web grant, and to authorize the Manager to sign the application and cover letter for the Pump State #5 – Douglas Bay project. The motion carried with a vote of 4 – Aye; 1 – Nay. Diane was the only board member voting against the motion.

Discussed the north pump station location. GRWD does have an easement on Gary Lee's land. It was signed by a previous owner of the land. There is some confusion about where the water line is located. Clarence will research the location.

A motion was made by Dave, seconded by Keith to get legal opinions and title opinions on Gary Lee, Corey Behles and Holly Dalen's land. These properties are in the area where GRWD would like to place the backflow preventor/north pump station building. Karmen will contact an attorney to get that completed. The motion carried Aye – 5; Nay – 0.

## **Policy**

A motion was made by Dave and seconded by Steve to have Karmen, Clarence and Diane review and suggest appropriate changes to the General Policies. Aye – 5; Nay – 0. Motion carried.

## **Employees**

Dave made a motion to increase Roberta Krueger's wage by 3%, retroactive to the 1<sup>st</sup> of January 2025. The motion was seconded by Corey. 5 – Aye; 0 – Nay. Motion carried 5 to 0.

## **Subdivisions**

The Traub Subdivision 3<sup>rd</sup> Addition will start paying their \$62.00 base rate starting with the January 2025 billing period. There are 13 lots total. 3 have been sold.

Clarence will call Don Miller or Jared Klabunde, engineer, and visit about what they need to do to change the number of lots for 10 to 4 in the Miller Subdivision. The \$62 a month base rate will begin in June 2025 if changes are not made.

## **Operation / Office Report**

Clarence:

- The water usage and water loss reports were reviewed. December's water loss using numbers from the City of Garrison and GRWD's software vendor, Black Mountain, shows a water loss of 16.93%. The water loss is only 6.28% when using the City of Garrison's SCADA numbers from the 1<sup>st</sup> of the month through the 30<sup>th</sup> of December and GRWD's water usage from the same period.

- It was determined we do owe MicroComm for products and services performed in accordance with the North Booster station from 2021. The information was reviewed by Karmen and MicroComm. The dollar amount owed is \$12,100. A motion was made by Steve and seconded by Keith to pay this bill. The motion carried 5 – Aye; 0 – Nay.
- It was determined the larger shed cannot be repurposed for the backflow preventor building.
- Clarence is in the process of getting bids for tank inspections. He received some leads from vendors at the Expo he attended. He will get a management assessment created for the tanks.
- The Expo provided a lot of good information for Clarence. He stated the USDA has grants available for rural water districts. Unfortunately, Diane stated she didn't think we could apply due to the income level necessary for such grants.
- A request was received from Sheldon Smith of Smith Porsborg Attorneys at Law. Clarence will send the development guidelines to Sheldon.
- Clarence is still waiting for Tom from Preferred Controls to come out to visit with him about what it will cost to change from Micro-Comm to Preferred Controls.

#### Karmen

- Chase credit card update. Karmen called but they would not visit with her. Karmen will contact Glenn Seidler to see if he will come out to GRWD and call the credit card company again.
- Bobbie has not found any previous water tank inspection reports.
- Karmen informed the board that a Section 125 Premium Only Plan Document with an HSA module was purchased. It is necessary to have this on hand since the board authorized paying health insurance for employees.
- The Hetletved CPA Engagement Letter for 2025 was signed and returned to Hetletveds' office.
- The Haga Kommer 2025 Engagement Letter was presented to Diane for her signature.
- No McLean Electric dividend has been received as of the date of this meeting. Members of the board have received a dividend. Karmen will call to inquire about the missing dividend.
- Update on late fees – they have been being charged on all customers past due 90 days or more since October 2024.
- BMS Pay vs Municipay – credit card payment software. Do we want to change? After discussion it was determined to stay with Municipay.

#### Transfers and New Accounts

A motion was made by Dave and seconded by Keith to approve the transfer. Aye – 5; Nay – 0. Motion carried.

**New Customers:** None

#### Transfers:

- Debra Malm to Rick or Carol Ann Cook – Hideaway Point
- A Caroline Cook to Carol Ann Cook – Hideaway Point
- Lake View Properties LLC to Brent Sande – Traub Subdivision 3<sup>rd</sup> Addition
- Lake View Properties LLC to Brayden Selzler – Traub Subdivision 3<sup>rd</sup> Addition
- Tim or Kathie Eslinger to Dorothy Selzler – Traub Subdivision 3<sup>rd</sup> Addition
- Northshore Development LLC to Ann Calwalader – Pleasant Point Subdivision

Miscellaneous Water Users' Agreements / Membership Certificates: 29 miscellaneous forms for the BOD to review and sign.

The next meeting will be held on February 25, 2025. The motion was made by Dave and seconded by Steve to adjourn. Aye – 5; Nay – 0. Motion carried 5 to 0.

Approved:

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Board Member Signature

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Date Approved

Water Development Plan: Yes (2025)  
Plan Priority: Moderate (Sloulin and 36th)

K 1

# 1087385 - 2026 Williston Square Improvements

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Feb 23, 2026 5:10 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Abby Ritz
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Jes  
First Name  
Middle Name Conz  
Last Name

**Title:**

**Email\*:** jessicac@ci.williston.nd.us

**Address\*:** 1121 5th St East

### Organization Information

**Status\*:** Approved

**Name\*:** City of Williston

**Organization Type\*:** Political Subdivision

**Tax Id:**

**Organization Website:**

**Address\*:** 1121 5th St E

	Williston North Dakota	Williston North Dakota
	City State/Province	City State/Province
58801		58802-0000
Postal Code/Zip		Postal Code/Zip
<b>Phone*:</b>	701-577-6368 Ext.	<b>Phone*:</b> (701) 577-8100 Ext.
	Phone	###-###-####
	###-###-####	
<b>Fax:</b>	###-###-####	<b>Fax:</b> ###-###-####
<b>Comments:</b>		<b>Vendor ID:</b>
		<b>PeopleSoft Supplier ID:</b>
		<b>Comments:</b>
		<b>Location Code:</b>

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** 2026 Williston Square Improvements Project

**Sponsor(s)\*:** City of Williston

**County\*:** Williams

**City\*:** Williston

**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 River

**Jurisdictions/Stakeholders Involved\*:**  
City of Williston

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

The City is in the process of redeveloping its former airport property (Sloulin Field). The existing watermains were installed to serve the single airport facility and do not have the capacity or distribution infrastructure to serve the extended and increased demand that will come with the redevelopment.

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

To support redevelopment of the site, watermains and appurtenances need to be installed along 36th, 38th, and 8th Avenues and Sloulin Drive. These improvements will ensure the system has the capacity and infrastructure in place to serve all of the new connections on the property.

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

This application is for construction cost-share of the eligible watermain and appurtenances.

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

The overall project includes extending new water, sewer, storm and street infrastructure. Eligible project activities include all construction associated with the new watermain as well as a 10' trench of streets.

For this project,

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

**What is the Current Estimated Population\*:** 29160

For this project,

**What is the Benefited Population\*:** 920

**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?\***: 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 existing underground utilities were installed with the former airport and sized to serve the single airport facility. All will be replaced and upgraded with this project.

**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\*:** 02/2019

**Design Completion\*:** 01/2026

**Bid\*:** 01/28/2026

**Construction Start\*:** 05/2026

**Construction Completion\*:** 10/24/2026

**Explain Additional Timeline Issues\*:**

No issues anticipated.

**Consulting Engineer\*:** Lawrence Stubbs

**Engineer Direct Phone Number\*:** 701-609-0073

**Engineer Email\*:** LS@allianceconsulting.us

***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\*:** David Juma 02/20/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Engineer

**Address\*:** 1121 5th Street East  
Address Line 1  
 PO Box 2437  
Address Line 2  
 Williston North Dakota 58802-2437  
City State Zip Code

**Direct Phone Number\*:** 701-577-6368

**Sponsor Email\*:** davidj@ci.williston.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:** Howard Klug  
First Name Last Name

**Authorized Signor** Mayor / Commission President

**Title/Position:**

**Authorized Signor Email:** howardk@ci.williston.nd.us

**Authorized Signor Direct Phone Number:** 701-577-8100

**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.\*:** No

CLICK HERE to see examples.

**Project Specific Map** 2026 Williston Square Improvements 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:** 02.10.2026 Minutes-3.pdf

**Cover Letter:** Cover Letter - 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:** Williston Square Delineation of Cost.xlsx

**Type of Request:** Construction

**Signed Plans and Specifications For Bidding:** Spec Book.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:** Williston Square LCCA.xlsx

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:** Williston Square BAIA 2025 v.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:** Plans - Bid Set.pdf

**Other Applicable Document:**

**Other Applicable Document:**

## Sources

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

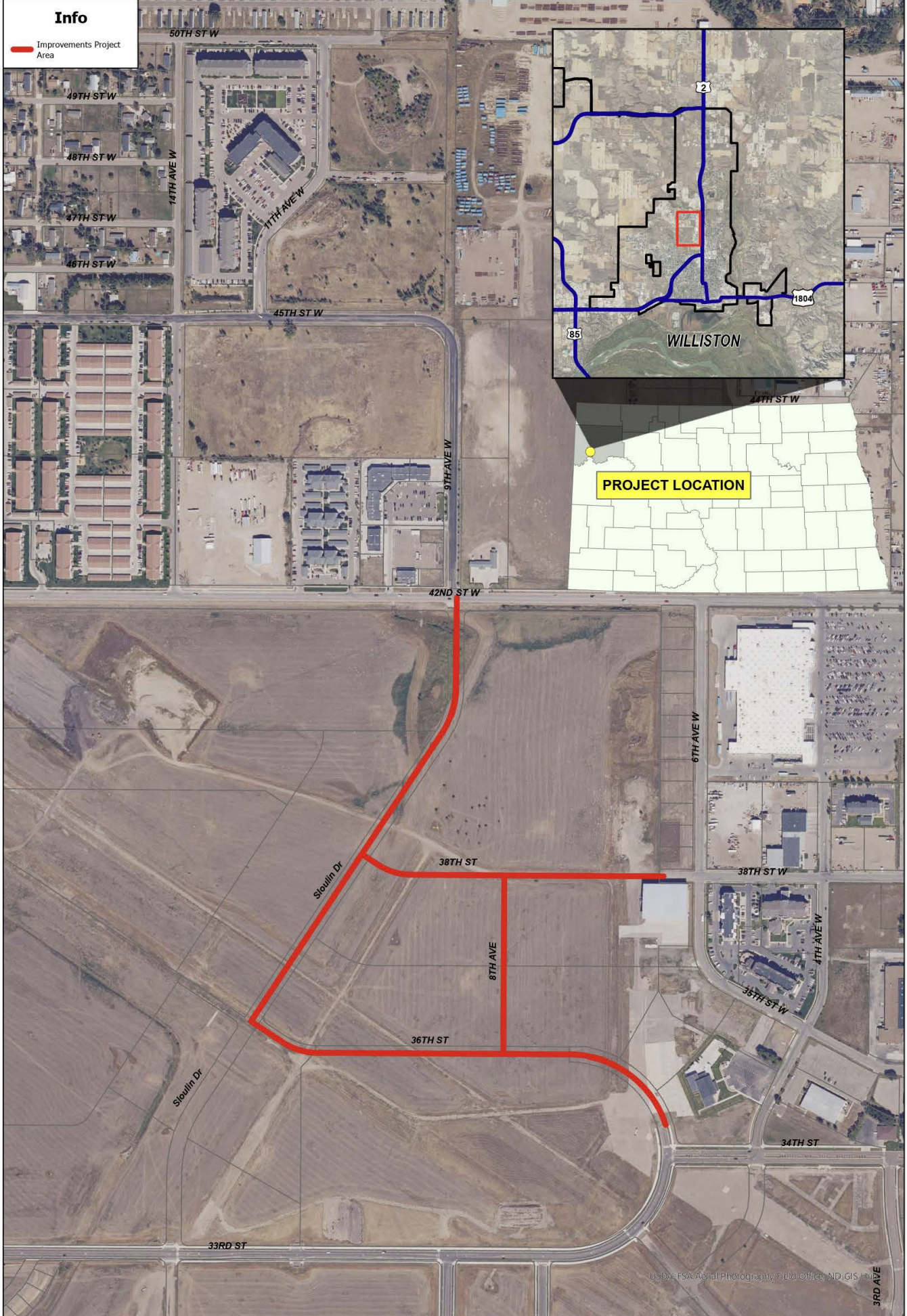
Source	If Other, Specify Funding Source	Source Status	State Fiscal Year 1 July to June	State Fiscal Year 2 July to June	Beyond Current Biennium	Total Cost	Cost Type	Term	Interest Rate
Department of Water Resources Cost Share		Current Request	\$0.00	\$1,026,030.00	\$0.00	\$1,026,030.00		0.00	0.00
						\$1,020,748.00			

Construction

Other	City Funded	\$0.00	\$8,628,045.00	\$0.00	\$8,628,045.00	0.00	0.00
		<b>\$0.00</b>	<b>\$9,654,075.00</b>	<b>\$0.00</b>	<b>\$9,654,075.00</b>		

**Info**

Improvements Project Area

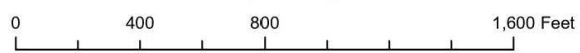


USDA, FSA Aerial Photography Field Office, ND GIS Hub

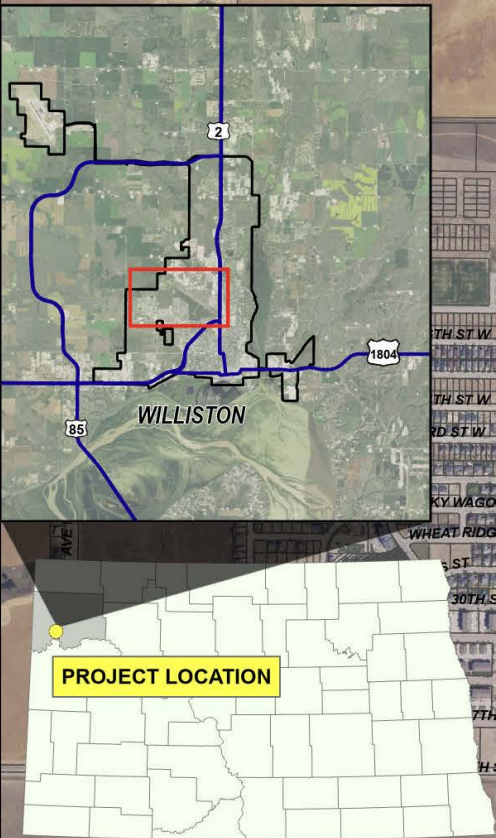
City of Williston  
Engineering Department  
1121 5th St E  
Williston ND, 58801  
Phone: 1-701-577-6368  
Fax: 1-701-577-6360



**Williston Square Improvements**



- Water Transmission Info**
- 2026 Proposed Water Lines Projects
  - - - Sloulin Dr Water Line (Completed 2025)
  - - - - - Completed Water Line
  - 2 MG Water Reservoir
  - ▲ Pressure Reducing Valve
  - - - - - Existing Water Transmission Line
  - Hwy 2 Realignment



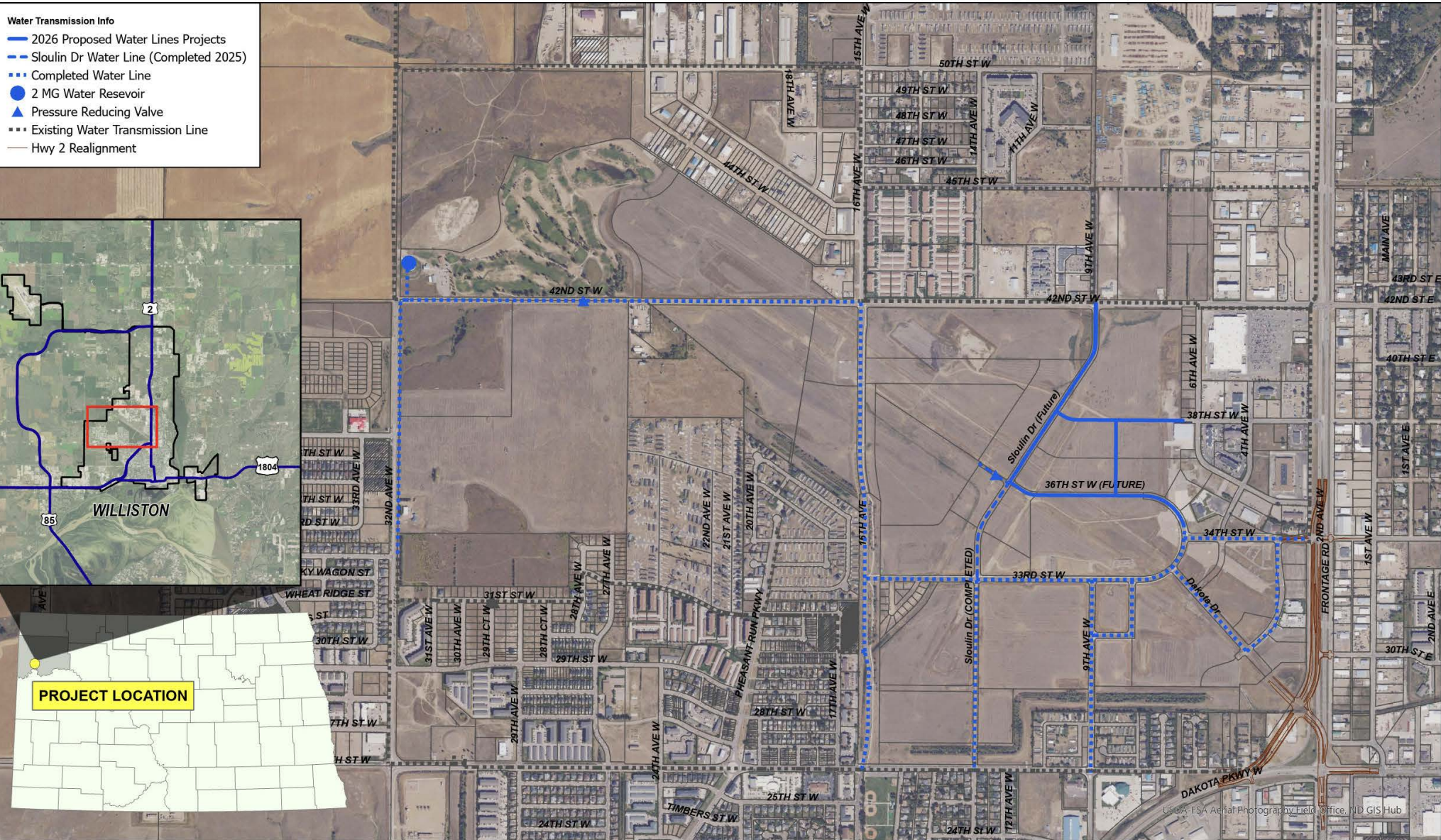
**PROJECT LOCATION**

City of Williston  
 Engineering Department  
 809 5th St E  
 Williston ND, 58801  
 Phone: 1-701-577-6368  
 Fax: 1-701-577-6360



0 1,000 2,000 4,000 Feet

**Williston Square: Current & Future Water Transmission**



USDA-FSA Aerial Photography Field Office, ND GIS Hub





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

DWR Date Received : February 23, 2026

Date :	2/23/26
Project :	2026 Williston Square Improvements
Sponsor :	City of Williston
Contact :	David Juma, City Engineer
Phone :	701-577-6368
Engineer :	Lawrence Stubbs, Alliance Consulting
Phone :	701-609-0073

Total Cost :	\$ 9,654,075.34	Total Cost-Share* :	\$ 1,026,030.00
Ineligible Cost :	\$ 7,944,025.35	Other Eligible :	\$ -
Eligible Cost :	\$ 1,710,049.99	Preconstruction :	\$ -
Local Cost :	\$ 8,628,045.35	Construction :	\$ 1,026,030.00
<b>\$1,020,748.00</b>			

Project Type:	Water Supply - Municipal	Cost-share %	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	0.0%		0		-	\$ -	60%	\$ -		
7	0.0%		0		-	\$ -	60%	\$ -		
8	0.0%		0		-	\$ -	60%	\$ -		
9	0.0%		0		-	\$ -	60%	\$ -		
10	0.0%		0		-	\$ -	60%	\$ -		
	0.0%	<b>Preconstruction Total</b>				\$ -	60%	\$ -		
<b>Construction Engineering Costs</b>										
11	0.0%		0		-	\$ -	60%	\$ -		
12	0.0%		0		-	\$ -	60%	\$ -		
13	0.0%		0		-	\$ -	60%	\$ -		
14	0.0%		0		-	\$ -	60%	\$ -		
	0.0%	<b>Construction Engineering Total</b>				\$ -	60%	\$ -		
<b>Construction Costs</b>										
15	0.6%	Mobilization	0.120607	LS	485,000.00	\$ 58,494.46	60%	\$ 35,096.67		
16	0.0%	Bonding	0		-	\$ -	60%	\$ -		
17	0.0%	Insurance	0		-	\$ -	60%	\$ -		
18	0.0%	Traffic Control	0.120607	LS	15,150.00	\$ 1,827.20	60%	\$ 1,096.32		
19	0.1%	Erosion Control	0.120607	LS	53,000.00	\$ 6,392.18	60%	\$ 3,835.31		
20	0.3%	Other General Expenses	0.120607	LS	263,354.00	\$ 31,762.37	60%	\$ 19,057.42		
21	4.0%	Water Main 10 in	5,550.00	LF	69.32	\$ 384,726.00	60%	\$ 230,835.60		
22	1.2%	Water Main 8 in	1725	LF	64.85	\$ 111,866.25	60%	\$ 67,119.75		
23	1.6%	Gate Valve	28	EA	5,590.40	\$ 156,531.20	60%	\$ 93,918.72		
24	0.6%	Gate Valve	14	EA	3,913.28	\$ 54,785.92	60%	\$ 32,871.55		
25	0.8%	Pipeline Appurtenances	1	LS	80,044.35	\$ 80,044.35	60%	\$ 48,026.61		
26	0.4%	Water Service Line	5	EA	8,273.80	\$ 41,369.00	60%	\$ 24,821.40		
27	1.9%	Hydrant	14	EA	13,416.96	\$ 187,837.44	60%	\$ 112,702.46		
28	0.3%	Connection to Existing Line	1	LS	29,964.54	\$ 29,964.54	60%	\$ 17,978.72		
29	4.2%	Eligible Street Expenses	1	LS	408,990.00	\$ 408,990.00	60%	\$ 245,394.00		
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%	\$ -		
		<b>Construction Sub-Total</b>				\$ 1,554,590.90	60%	\$ 932,754.54		
	1.6%	<b>Allowable Contingency (10%)</b>				\$ 155,459.09	60%	\$ 93,275.45		
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	60%	\$ -		
	17.7%	<b>Construction Total</b>				\$ 1,710,049.99	60%	\$ 1,026,030.00		
							Eligible Preconstruction	\$ -	60%	\$ -
							Eligible Construction	\$ 1,710,049.99	60%	\$ 1,026,030.00
							<b>Eligible Total</b>	\$ 1,710,049.99	60%	\$ 1,026,030.00
<b>Ineligible Preconstruction Costs</b>										
37	0.0%		0		-	\$ -	0%	\$ -		
38	0.0%		0		-	\$ -	0%	\$ -		
39	0.0%		0		-	\$ -	0%	\$ -		
40	0.0%		0		-	\$ -	0%	\$ -		
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -		
<b>Ineligible Construction Costs</b>										
41	7.4%	Mobilization, Bonding, Insurance (Not Water Relat	0.879393	LS	816,503.50	\$ 718,027.36	0%	\$ -		
42	74.8%	Other Constr. (Not Water Related)	1	LS	7,225,997.99	\$ 7,225,997.99	0%	\$ -		
43	0.0%		0		-	\$ -	0%	\$ -		
44	0.0%		0		-	\$ -	0%	\$ -		
	82.3%	<b>Construction Ineligible Total</b>				\$ 7,944,025.35	0%	\$ -		
							<b>Ineligible Total</b>	\$ 7,944,025.35	0%	\$ -
							<b>Project Total</b>	\$ 9,654,075.34		
							<b>Federal or State Funds That Supplant Costs</b>	\$ -		
							<b>Eligible Cost Total</b>	\$ 1,710,049.99	60%	\$ 1,026,030.00

\* 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 Williston  
**Project Title:** 2026 Williston Square Improvements

**Date:** March 6, 2026

**Explanation of Alternatives:**

- New Watermain and Appurtenances – **Preferred Alternative:** install new watermains and appurtenances to support the redevelopment of the City's former airport property.
- Full Project Infrastructure Expansion: Redevelop the city's former airport property including the installation of new watermains and appurtenances. This alternative provides context to the full project costs.
- No-Build, “Do Nothing” Alternative: No improvements made to the former airport property. There is no additional cost to the city under this alternative.
- Regionalization: The City is a member of Western Area Water Supply Authority (WAWSA). Regionalization is not a viable alternative because the project consists of improvements to the city’s local water distribution system and does not serve a regional function.

**Inputs:**

New Connections Served	0	Current CIF Balance	\$12,270,912
Future Connections Served	200	Annual CIF Contribution	\$955,687
Current Connections Served	0	Cash Funding Target (Percentage %) New Assets	30%
Net Connections (New + Current)	200	Cash Funding Target (Percentage %) Existing Assets	10%
		Annual CIF Contribution suggested for the Project	\$26,990

	Alternative 1 - New Watermain and Appurtenances	Alternative 2 - Full Project Infrastructure Expansion	Alternative 3 - Regionalization	No-Build
Construction Cost	\$1,710,100	\$9,654,100	\$0	\$0
Annual O & M	\$2,000	\$2,000	\$0	\$0

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Alternative 1 - New Watermain and Appurtenances	Alternative 2 - Full Project Infrastructure Expansion	Alternative 3 - Regionalization	No-Build
Present Value				
Capital Costs	\$1,710,000	\$9,654,000	\$0	\$0
O&M	\$51,000	\$51,000	\$0	\$0
Repair, Rehab, Replacement	\$199,000	\$199,000	\$0	\$0
Salvage Value	\$37,000	\$37,000	\$0	\$0
<b>Total PVC</b>	<b>\$1,923,000</b>	<b>\$9,867,000</b>	<b>\$0</b>	<b>\$0</b>
<b>PV Cost Per User</b>	<b>\$9,615</b>	<b>\$49,335</b>	<b>\$0</b>	<b>\$0</b>
<b>Construction Cost Per User</b>	<b>\$8,551</b>	<b>\$48,271</b>		
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$26</b>			
<b>Comparable Water Rate</b>	<b>\$61</b>			
Net Connections (New + Current)	200	200	200	200
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$684,000	\$3,861,600	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$684,000	\$3,861,600	\$0	\$0
<b>Payment Per User With Cost-Share</b>	<b>\$17.30</b>	<b>\$97.68</b>	<b>\$0.00</b>	<b>\$0.00</b>
Local Share	\$1,710,000	\$9,654,000	\$0	\$0
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$1,710,000	\$9,654,000	\$0	\$0
<b>Payment Per User Without Cost-Share</b>	<b>\$43.25</b>	<b>\$244.19</b>	<b>\$0.00</b>	<b>\$0.00</b>

**Explanation of Results:**

The preferred project installs new watermains and appurtenances to support the redevelopment of the city's former airport property. Total present value cost is \$1,923,000 and total construction cost is \$1,710,100. Present value cost per user is \$9,615 and construction cost per user is \$8,551. The monthly cost with 60% DWR cost-share participation is \$17.30 per user and \$43.25 per user without DWR participation.

ND Dept. of Commerce Population & Trends	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2024		
	14,716	28,821	6.8%	1008

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.



February 19, 2026

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

RE: Williston 2026 Williston Square Improvements Project

Dear Mr. Haase,

The City of Williston is pleased to submit the 2026 Williston Square Improvements Project construction cost-share request for consideration at the upcoming April 9, 2026 State Water Commission meeting.

This project will extend new water, sewer, storm and street infrastructure as part of the Williston Square Redevelopment. This project specifically will install new infrastructure along 36<sup>th</sup>, 38<sup>th</sup> and 8<sup>th</sup> Avenue and Sloulin Drive. These improvements will ensure the system has the capacity and infrastructure in place to serve all of the new connections on the property.

We appreciate your considering Williston's cost-share request and look forward to working with the Department of Water Resources on potential funding for this important project. If you have any questions, please do not hesitate to contact me at 701-577-6368.

Best Regards,

A handwritten signature in black ink, appearing to read "D. Juma". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

David Juma, PE, City Engineer  
City of Williston



**MINUTES**  
**Board of City Commissioners**  
**February 10, 2026 | 6:00 pm CT**  
**City Hall & GoToMeeting | Williston, North Dakota**

1. Roll Call of Commissioners and Pledge of Allegiance

COMMISSIONERS PRESENT: Gjovig, Bekkedahl, Siemieniowski, Bervig, Klug

COMMISSIONERS ABSENT: N/A

City Attorney: Taylor Olson

OTHERS PRESENT: Kenny Bergstrom, Hercules Cummings, Steven Gutknecht, Kent Jarcik, Corey Johnson, David Juma, Mitch Melberg, Anna Nelson, Ryan O'Rear, Mark Schneider, Lisa Weidner

**CHANGES/ADDITIONS TO THE AGENDA:**

**Motion by Bekkedahl seconded by Bervig, to approve the agenda.**  
**UNANIMOUS BY VOICE VOTE**

2. Consent Agenda

A. Administration

- 1) Approval of Minutes – January 27, 2026
- 2) Business Licenses

B. Auditor and Finance

- 1) Accounts, Claims, and Bills – January 22-February 6, 2026

Check #	Payee	Amount	Date
12202	Aflac Traditional & Direct	\$1,637.79	02/06/26
12203	Avesis	\$2,683.51	02/06/26
12204	DCI Credit Service Inc	\$694.11	02/06/26
12205	ND State Tax Commissioner	\$370.80	02/06/26
12206	WEX Health Inc.	\$4,180.05	02/06/26
12207	Medico Life and Health Insurance Co	\$1,023.48	02/06/26
12208	United States Treasury	\$440.00	02/06/26
12209	Job Service North Dakota	\$413.03	02/06/26
EPAY	IAFF Local 3734	\$675.00	02/06/26
EPAY	North Dakota Child Support	\$5,126.35	02/06/26
EPAY	Pennsylvania Child Support	\$385.00	02/06/26
EPAY	Washington Child Support	\$393.00	02/06/26

564359	ALYSSA NELSON	\$1,593.88	02/06/26
564360	KENNETH BERGSTROM	\$3,282.97	02/06/26
564361	MANDI FUCHS	\$1,716.66	02/06/26
564362	MITCHEL MELBERG	\$2,367.05	02/06/26
564363	OLIVIA WIEDRICH	\$1,687.17	02/06/26
564364	PEGGY MASTERS	\$2,182.62	02/06/26
564365	SHAWN WENKO	\$4,837.72	02/06/26
564366	WHITNEY MONSON	\$1,748.62	02/06/26
564367	ADAM ERDMAN	\$1,885.82	02/06/26
564368	ASHTON SLOTSVE	\$2,138.25	02/06/26
564369	BRIAN ZAYAS-SANTIAGO	\$2,866.30	02/06/26
564370	DEVIN REIFSTECK	\$3,048.16	02/06/26
564371	ETHAN ACKMAN	\$2,499.51	02/06/26
564372	GLENN MARSHALL	\$3,488.45	02/06/26
564373	JAMES TIERNAN	\$2,886.04	02/06/26
564374	KAYLA STAMP	\$2,117.54	02/06/26
564375	KYLE KROUSE	\$1,704.50	02/06/26
564376	MASON HAUGEN	\$716.09	02/06/26
564377	MASON JOHNSON	\$1,994.31	02/06/26
564378	NATHANIEL BALIGAD	\$1,680.40	02/06/26
564379	ROMAN LEE	\$820.21	02/06/26
564380	RYAN O'REAR	\$3,984.32	02/06/26
564381	STEVEN CARVEY	\$2,891.19	02/06/26
564382	TIMOTHY BRANDT	\$1,798.19	02/06/26
564383	TUCKER LENE	\$2,402.93	02/06/26
564384	DEBRA KEITH	\$83.39	02/06/26
564385	HANNAH ADAM	\$2,161.37	02/06/26
564386	HOLLY CUMMINS	\$73.62	02/06/26
564387	KAILA SCHIMETZ	\$572.89	02/06/26
564388	MACI PAINE	\$1,948.42	02/06/26
564389	ADAM RONDEAU	\$3,711.20	02/06/26
564390	BRIAN SWANSON	\$3,012.46	02/06/26
564391	JOHN MANLEY	\$5,188.01	02/06/26
564392	JOSHUA STEARNS	\$3,681.64	02/06/26
564393	SETH KNUTSON	\$4,694.96	02/06/26
564394	KELLY HEISE	\$3,699.41	02/06/26
564395	BRENT HANSON	\$2,898.47	02/06/26
564396	ELI LUND	\$1,732.22	02/06/26
564397	AMANDA SORENSEN	\$1,780.02	02/06/26
564398	AMY KRUEGER	\$3,649.83	02/06/26
564399	JENNIFER STRIETZEL	\$2,279.78	02/06/26
564400	MEGAN LIS	\$1,698.11	02/06/26
564401	SHELBY MEYER	\$447.49	02/06/26

564402	VIVIAN KALMIK	\$306.72	02/06/26
564403	ABRIL FOSSEN GUTIERREZ	\$1,676.90	02/06/26
564404	ADDIE MORTENSON	\$1,765.54	02/06/26
564405	CRYSTAL ERICKSON	\$1,711.57	02/06/26
564406	DONNA HANSEN	\$92.35	02/06/26
564407	HEIDI JOHNSON	\$92.35	02/06/26
564408	JOHN WARD	\$2,041.96	02/06/26
564409	KARA ROBINSON	\$1,787.59	02/06/26
564410	KASSANDRA GORDER	\$92.35	02/06/26
564411	KELLY SOTO	\$1,301.83	02/06/26
564412	KENT JARCIK	\$3,293.68	02/06/26
564413	LISA WEIDNER	\$2,464.19	02/06/26
564414	MARK SCHNEIDER	\$4,074.99	02/06/26
564415	ROBERT EYNON	\$92.35	02/06/26
564416	SKYE CARRAWAY	\$1,617.07	02/06/26
564417	THOMAS FREEMAN	\$2,241.64	02/06/26
564418	WILLIAM TOWNSLEY	\$2,298.39	02/06/26
564419	ANN KVANDE	\$1,817.68	02/06/26
564420	ANNA NELSON	\$4,141.25	02/06/26
564421	BRENDA SCHMIDT	\$2,006.90	02/06/26
564422	RICHARD THOMPSON	\$3,580.35	02/06/26
564423	Ahmad Aria	\$2,215.27	02/06/26
564424	DAVID JUMA	\$3,149.72	02/06/26
564425	JASON HOULE	\$2,398.65	02/06/26
564426	JESSICA CONZ	\$2,079.54	02/06/26
564427	MATTHEW ELBERT	\$2,631.77	02/06/26
564428	MICHEAL WERKMEISTER	\$2,128.58	02/06/26
564429	MURAT BICE	\$2,295.78	02/06/26
564430	WAYNE WIEDRICH	\$3,340.77	02/06/26
564431	ANTHONY LEE	\$1,771.74	02/06/26
564432	BOBBY OLIVER	\$1,384.34	02/06/26
564433	KEVIN POWERS	\$3,289.10	02/06/26
564434	PRESTON OLSON	\$2,359.49	02/06/26
564435	STEVEN BROE	\$1,663.22	02/06/26
564436	CAITLIN KUKUK	\$2,080.78	02/06/26
564437	HERCULES CUMMINGS	\$4,139.62	02/06/26
564438	KAREN LARSON	\$1,627.47	02/06/26
564439	KRISTEN DAHLGREN	\$1,464.47	02/06/26
564440	KRISTI HENSLEY	\$1,978.06	02/06/26
564441	TERRI CREED	\$2,117.99	02/06/26
564442	ALLISON VOSS	\$2,732.33	02/06/26
564443	ANNA WALKER	\$1,921.10	02/06/26
564444	ARIC ARENDS	\$2,291.67	02/06/26

564445	BIANCA ALVARADO GAVILANES	\$2,357.68	02/06/26
564446	BRIAN MINTON	\$1,953.15	02/06/26
564447	BRITTA HEHR	\$2,142.35	02/06/26
564448	BRITTANY STORM	\$3,147.81	02/06/26
564449	CALLEY MANN	\$2,971.45	02/06/26
564450	CHRISTIAN OLSON	\$5,030.76	02/06/26
564451	CHRISTOPHER GILLIES	\$2,178.52	02/06/26
564452	CLINTON BATES	\$5,140.20	02/06/26
564453	COREY JOHNSON	\$3,315.34	02/06/26
564454	CULLEN RATKELIS	\$2,091.53	02/06/26
564455	DAMON WALKER	\$1,641.94	02/06/26
564456	DANIEL FLATHERS	\$2,772.80	02/06/26
564457	DEVIN CORTEZ	\$1,670.33	02/06/26
564458	DONALD BUCK	\$1,893.34	02/06/26
564459	DUSTIN BURNS	\$3,361.28	02/06/26
564460	EARNEST THEETGE	\$2,360.39	02/06/26
564461	EMERY AVERETT	\$1,783.52	02/06/26
564462	ERICA MYERS	\$2,047.72	02/06/26
564463	FLETCHER SCAIFE	\$4,367.24	02/06/26
564464	GARRETT STEVENS	\$2,389.62	02/06/26
564465	GRANT NISKANEN	\$2,562.83	02/06/26
564466	HUNTER VOSS	\$3,011.09	02/06/26
564467	JACK GOCKENBACH	\$2,284.53	02/06/26
564468	JAKE BYMAN	\$2,327.45	02/06/26
564469	JASON LEWIS	\$3,319.00	02/06/26
564470	JEREMY KNAPKEWICZ	\$3,024.93	02/06/26
564471	JESSICA GILLIES	\$2,505.72	02/06/26
564472	JOSE SERRATO	\$3,061.05	02/06/26
564473	JOSHUA LARSON	\$2,862.11	02/06/26
564474	JUSTIN OLCOTT	\$2,809.41	02/06/26
564475	KARALEE BARLOW	\$2,029.56	02/06/26
564476	KATELYN KOLNESS	\$2,342.25	02/06/26
564477	KAYLYNN RIELY	\$1,868.06	02/06/26
564478	KELLE BRINKMAN	\$2,530.03	02/06/26
564479	KELVIN STARKS	\$2,629.73	02/06/26
564480	KERRY ANDRE	\$2,198.62	02/06/26
564481	KIA HILLER	\$852.73	02/06/26
564482	KIRSTI SAVELA	\$2,760.07	02/06/26
564483	LEAH MOEN	\$1,978.40	02/06/26
564484	MADDIX LONGIE	\$2,201.59	02/06/26
564485	MADISON ATOL	\$1,108.55	02/06/26
564486	MATTHEW PAZANIN	\$4,358.54	02/06/26
564487	MATTHEW VANDERLEY	\$3,286.95	02/06/26

564488	MCKENZIE STONE	\$1,639.95	02/06/26
564489	MEKELLE DAVIS	\$3,599.45	02/06/26
564490	MILTON SLUDER	\$2,961.01	02/06/26
564491	MITCHELL BYMAN	\$4,594.05	02/06/26
564492	MORGAN HONGSLO	\$2,585.66	02/06/26
564493	NOAH GERMUNDSON	\$2,168.25	02/06/26
564494	OLIVIA SMITH	\$1,812.30	02/06/26
564495	REGHAN STILLER	\$1,816.20	02/06/26
564496	RILEY ECKART	\$3,437.33	02/06/26
564497	ROBERT BENTH	\$3,034.37	02/06/26
564498	RYAN MILLER	\$2,621.16	02/06/26
564499	SAMANTHA HAZZARD-BRADLEY	\$2,474.72	02/06/26
564500	SAMUEL BAUER	\$3,203.15	02/06/26
564501	SARA SCOVEL-HEFTY	\$3,108.92	02/06/26
564502	SHAWN SNEVA	\$2,565.14	02/06/26
564503	STEPHANIE WARD	\$1,552.63	02/06/26
564504	SUEDE TORGERSON	\$1,839.95	02/06/26
564505	TAJAY WILLIAMS	\$2,150.23	02/06/26
564506	TALISSA HARRIS	\$2,651.46	02/06/26
564507	TRAVIS RINTAMAKI	\$1,783.62	02/06/26
564508	TRAVIS SHAY	\$2,655.72	02/06/26
564509	TYLER UHLICH	\$1,843.00	02/06/26
564510	WESLEY KINDEL	\$2,050.75	02/06/26
564511	WYATT MOEN	\$3,036.36	02/06/26
564512	YANCE HUHTA	\$1,977.75	02/06/26
564513	JILL KNAPKEWICZ	\$3,196.66	02/06/26
564514	CAMERON ESLINGER	\$3,182.13	02/06/26
564515	BONNIE HODNEFIELD	\$2,366.48	02/06/26
564516	CATHERINE LARSON	\$2,365.03	02/06/26
564517	JOSILYN BEAN-BROKAW	\$3,408.94	02/06/26
564518	KAY METZGER	\$1,614.41	02/06/26
564519	KRISTIN DIXON	\$2,744.40	02/06/26
564520	ARTHUR CRUMB	\$2,681.71	02/06/26
564521	BENJAMIN BALDWIN	\$1,134.88	02/06/26
564522	DAVID HEINEY	\$3,002.81	02/06/26
564523	DEVIN MONTOYA	\$1,356.25	02/06/26
564524	LESLIE NEHRING	\$1,763.15	02/06/26
564525	LESTER RONHOLDT	\$1,821.52	02/06/26
564526	PATRICK KENNEDY	\$1,789.30	02/06/26
564527	ANDREA PLACHER	\$3,122.18	02/06/26
564528	DESTINY SANCHEZ	\$583.97	02/06/26
564529	ETHAN BECK	\$532.93	02/06/26
564530	KATARINA CANERDY	\$176.44	02/06/26

564531	KAYLA HELL	\$1,396.13	02/06/26
564532	MELISHA THURMAN	\$625.18	02/06/26
564533	MONTANA ACKMAN	\$1,416.38	02/06/26
564534	MORGAN KEYSER	\$1,264.41	02/06/26
564535	MORGAN KEYSER	\$1,216.18	02/06/26
564536	SAWYER ZENT	\$1,205.25	02/06/26
564537	TEYLOR FISK	\$318.39	02/06/26
564538	TODD PARISIEN	\$180.09	02/06/26
564539	TORI LEE	\$1,420.47	02/06/26
564540	WANDA OLAF	\$1,133.37	02/06/26
564541	ZOEY MELBERG	\$1,204.88	02/06/26
564542	CHARLES TANNER	\$358.91	02/06/26
564543	JACQUELINE MONZON	\$2,974.04	02/06/26
564544	REAGAN TODD	\$1,809.47	02/06/26
564545	SARAH SHAVER	\$2,655.74	02/06/26
564546	DIANE HAGEN	\$1,191.11	02/06/26
564547	ABRAHAM TORRES	\$34.96	02/06/26
564548	BRANDON BRUNO	\$622.97	02/06/26
564549	BRANDON HOFFMAN	\$547.57	02/06/26
564550	BRENDEN STEVENS	\$496.70	02/06/26
564551	DELMONTE GREVIOUS	\$524.32	02/06/26
564552	EDWARD ALDRETE	\$244.69	02/06/26
564553	KENNY KUKUK	\$116.09	02/06/26
564554	MATHEW EKBLAD	\$646.47	02/06/26
564555	MICHAEL RIZZO	\$34.95	02/06/26
564556	MICHAEL WALTERS	\$743.28	02/06/26
564557	PAUL RIELY	\$318.78	02/06/26
564558	REECE JOHNSON	\$454.40	02/06/26
564559	RYAN LEE	\$816.54	02/06/26
564560	TYLER HESER	\$454.40	02/06/26
564561	TYLER CARLSTAD	\$92.35	02/06/26
564562	WRANGLER FRYE	\$244.68	02/06/26
564563	ALEXANDER WELCH	\$2,541.80	02/06/26
564564	ALEXANDER WILLIAMS	\$3,353.24	02/06/26
564565	ALEXIS ARENDS	\$2,827.26	02/06/26
564566	ALEXIUS CLARK	\$2,723.90	02/06/26
564567	AMBER KOEHN	\$2,484.53	02/06/26
564568	AMBER PELZL	\$1,694.73	02/06/26
564569	ANTHONY BURGESS	\$2,348.59	02/06/26
564570	ANTHONY MANN	\$2,949.04	02/06/26
564571	AUTUMN IDLAND	\$1,676.78	02/06/26
564572	BRANDON ADKINS	\$2,376.88	02/06/26
564573	BRETT FLESNESS	\$3,283.46	02/06/26

564574	BRYSON NORSTEN	\$2,916.49	02/06/26
564575	CADEN COLLINS	\$2,274.61	02/06/26
564576	CALEB PROUT	\$2,127.54	02/06/26
564577	CALLI STELLMACHER	\$2,262.64	02/06/26
564578	CHANCE JOHNSON	\$2,467.14	02/06/26
564579	CHANCE RENFRO	\$3,036.02	02/06/26
564580	CHARLIE NORSTEN	\$2,114.49	02/06/26
564581	CHASE COOK	\$2,485.70	02/06/26
564582	CHRIS DICK	\$2,076.11	02/06/26
564583	COLTON GUTKNECHT	\$1,282.20	02/06/26
564584	CRYSTAL SCHAUBEL	\$1,675.12	02/06/26
564585	DANIELLE HENDRICKS	\$2,897.43	02/06/26
564586	DEREK SCHIPFERLING	\$3,445.58	02/06/26
564587	DEREK SCHIPFERLING	\$377.05	02/06/26
564588	DREW TEMPLE	\$2,129.93	02/06/26
564589	ELENA JOHNSON	\$2,184.04	02/06/26
564590	ERIC KEYES	\$2,544.91	02/06/26
564591	GARRETT NORSTEN	\$3,151.34	02/06/26
564592	GREGORY OSTER	\$2,421.53	02/06/26
564593	HANNAH FISHER	\$2,255.83	02/06/26
564594	HEATHER HAAGENSON	\$2,109.88	02/06/26
564595	JACOB KOEHN	\$2,613.11	02/06/26
564596	JACOB MARSHALL	\$2,518.43	02/06/26
564597	JADA OSBORN	\$2,480.69	02/06/26
564598	JAIME JAIME	\$2,694.85	02/06/26
564599	JANET CLARK	\$1,759.67	02/06/26
564600	JASON BARTEN	\$2,690.59	02/06/26
564601	JEFFREY OLSON	\$2,724.71	02/06/26
564602	JEREMIAH LACHNER	\$3,290.95	02/06/26
564603	JESSE WEICHT	\$2,792.31	02/06/26
564604	JON-PAUL MCCLELLAN	\$3,897.56	02/06/26
564605	JONATHAN HOLTER	\$3,038.17	02/06/26
564606	JORDAN PATTON	\$2,650.85	02/06/26
564607	JORY FORSBERG	\$2,054.49	02/06/26
564608	JOSEPH EVANS	\$2,424.09	02/06/26
564609	JOSHUA MAHLUM	\$2,639.30	02/06/26
564610	JUSTIN PELZL	\$2,931.34	02/06/26
564611	KOURTNEY RENFRO	\$2,672.83	02/06/26
564612	KRISTIINA RAVASKA	\$2,981.48	02/06/26
564613	LINDA GRANBOIS	\$2,051.98	02/06/26
564614	LUKE OLSON	\$2,830.65	02/06/26
564615	MICHAEL WILSON	\$3,155.24	02/06/26
564616	MICHELLE ANTONSON	\$961.00	02/06/26

564617	MOMCILO BABIC	\$2,933.52	02/06/26
564618	MONICA RUDEBAUGH	\$1,800.31	02/06/26
564619	NICHOLAS NELSON	\$2,339.37	02/06/26
564620	NICHOLAS SATERMO	\$1,898.64	02/06/26
564621	NICK RINTAMAKI	\$2,442.79	02/06/26
564622	RANDY HAUGENOE	\$2,552.93	02/06/26
564623	RODNEY DICKERSON	\$3,439.21	02/06/26
564624	ROWAN HORSWILL	\$2,432.08	02/06/26
564625	RYAN ZIMMERMAN	\$2,721.89	02/06/26
564626	SAM AIDE	\$2,727.28	02/06/26
564627	SAMUEL VALDEZ	\$3,012.25	02/06/26
564628	SHAWN EGGE	\$3,132.80	02/06/26
564629	STEVEN ARMSTRONG	\$3,675.96	02/06/26
564630	STEVEN GUTKNECHT	\$4,403.53	02/06/26
564631	TANNER FARSTVEET	\$3,083.23	02/06/26
564632	TANNER HRONEK	\$2,459.75	02/06/26
564633	THEODORE VANGRINSVEN	\$2,611.12	02/06/26
564634	TODD MOORE	\$2,206.66	02/06/26
564635	TRAVIS SELF	\$2,248.29	02/06/26
564636	TRAVIS MARTINSON	\$3,164.90	02/06/26
564637	TYLER WOLD	\$2,840.68	02/06/26
564638	WALTER HALL	\$2,788.22	02/06/26
564639	JEREMY REHBERG	\$1,864.49	02/06/26
564640	MAKAYLA WOOD	\$2,401.37	02/06/26
564641	BRIAN CERKONEY	\$1,696.63	02/06/26
564642	CARLOS CASTILLO	\$1,946.83	02/06/26
564643	DEKLAN HAUGEN	\$2,364.69	02/06/26
564644	IAN WEIGEL	\$3,493.49	02/06/26
564645	JAKE BOOTS	\$2,079.83	02/06/26
564646	KASEY GOETZ	\$2,244.19	02/06/26
564647	KATIE HELTEMES	\$2,442.93	02/06/26
564648	MARC MOHR	\$2,895.43	02/06/26
564649	MARK VONDAL	\$2,437.54	02/06/26
564650	TAYLAR MICHAEL	\$2,974.35	02/06/26
564651	TREVIN FALCON	\$2,186.51	02/06/26
564652	TREVOR ODEGARD	\$3,737.56	02/06/26
564653	TROY OSTER	\$2,261.62	02/06/26
564654	WILLIAM EVANS	\$3,768.78	02/06/26
564655	KEVIN IMBACHI	\$2,981.48	02/06/26
564656	ALEXIS CEBALLOS	\$1,828.72	02/06/26
564657	BRYCE STORY	\$2,008.17	02/06/26
564658	DAVID SMITHBERG	\$1,791.64	02/06/26
564659	DEREK MCKINZIE	\$1,751.36	02/06/26

564660	JEFF PECK	\$1,793.57	02/06/26
564661	JEFFREY OLSON	\$1,846.81	02/06/26
564662	JOHNATHAN JOHNSON	\$1,843.20	02/06/26
564663	KENNETH JOHNSON	\$1,956.70	02/06/26
564664	KENNETH TRAHAN	\$2,310.26	02/06/26
564665	RENA COLLIE	\$2,638.65	02/06/26
564666	REX OLSON	\$1,903.56	02/06/26
564667	ROBERT ODEGARD	\$1,607.30	02/06/26
564668	ROBIN ZEALLEY	\$1,880.40	02/06/26
564669	THAYNE POPE	\$1,599.97	02/06/26
564670	TYRELL SMITH	\$1,993.25	02/06/26
564671	VERNON HENDRICKSON	\$2,137.04	02/06/26
564672	BRANDON SOISETH	\$2,075.20	02/06/26
564673	MICHAEL SIMPSON	\$2,361.83	02/06/26
564674	TYLOR SORENSON	\$1,855.60	02/06/26
564675	DAKOTA HURLEY	\$2,522.39	02/06/26
564676	GEORGE SANDBERG	\$1,676.17	02/06/26
564677	HEIDI HUGHES	\$1,881.92	02/06/26
564678	LES CHRISTENSEN	\$3,094.57	02/06/26
564679	LES WALTER	\$2,859.16	02/06/26
564680	SHAUNDRA STEIN	\$1,586.75	02/06/26
564681	KENT SKABO	\$2,810.31	02/06/26
564682	TRAVIS KLEPPEN	\$2,569.14	02/06/26
564683	DANALEE WHILE	\$1,804.87	02/06/26
564684	THOMAS ATOR	\$2,730.76	02/06/26
564685	BRANDON SANDBERG	\$3,362.73	02/06/26
564686	DONALD STENNES	\$2,448.08	02/06/26
564687	KYLE BREDWICK	\$1,808.38	02/06/26
564688	SCOTT VASSEN	\$2,965.71	02/06/26
564689	ANDREW KOLLING	\$1,864.00	02/06/26
564690	AUSTIN JACKSON	\$1,503.62	02/06/26
564691	BRIAN YOUNG	\$2,768.13	02/06/26
564692	EDDY BERGERON	\$2,082.21	02/06/26
564693	JOSHUA DAGENAIS	\$2,534.83	02/06/26
564694	KELSY BROOME	\$2,421.28	02/06/26
564695	ALDON OLSON	\$1,491.61	02/06/26
564696	AMANDA KAISER-LEE	\$2,156.30	02/06/26
564697	BENARD JOHNSON	\$2,099.14	02/06/26
564698	BENJAMIN VASSEN	\$2,062.76	02/06/26
564699	CURTIS CLARYS	\$2,346.84	02/06/26
564700	EMMANUEL BACCAY	\$2,041.62	02/06/26
564701	KIM MANZANARES	\$2,281.58	02/06/26
564702	MORKATAA DHINAA	\$2,106.27	02/06/26

564703	NANCY GASTON	\$2,052.88	02/06/26
564704	NEREO OCSIO	\$2,050.82	02/06/26
564705	PAULITA LONG	\$2,040.29	02/06/26
564706	REYNANTE ZETA	\$3,235.78	02/06/26
564707	ROBERT SKURDAL	\$2,286.72	02/06/26
564708	SCOTT KVERNUM	\$1,626.45	02/06/26
564709	TYLER FIXEN	\$2,812.01	02/06/26
12199	PAUL BAUER	\$92.35	02/06/26
12200	WILLIAM GLEN	\$92.35	02/06/26
12201	RICHARD ODEGARD	\$2,727.80	02/06/26
99875	JOB SERVICE NORTH DAKOTA	\$3,839.69	01/26/26
138006	ADVANCED ENGINEERING (AE2S) &	\$1,814.25	01/22/26
138007	AMERICAN STATE BANK	\$1,090,989.36	01/23/26
138008	WILLISTON PARK DISTRICT	\$44,002.37	01/23/26
138009	MENARDS	\$1,775.04	01/26/26
138010	QUILL CORPORATION	\$1,508.13	01/26/26
138011	CITY AUDITOR'S FUND	\$439.50	01/27/26
138012	WILLIAMS COUNTY TREASURER/RECORDE	\$333.48	01/28/26
138013	MONTANA DAKOTA UTILITIES	\$65,306.20	01/28/26
138014	BAILEY SELLEY	\$300.00	01/28/26
138015	TRACY MAI	\$700.00	01/28/26
138016	CLERK OF DISTRICT COURT	\$400.00	01/28/26
138017	CLERK OF DISTRICT COURT	\$400.00	01/28/26
138018	CLERK OF DISTRICT COURT	\$400.00	01/28/26
138019	CLERK OF DISTRICT COURT	\$400.00	01/28/26
138020	CLERK OF DISTRICT COURT	\$400.00	01/28/26
138021	WILLIAMS COUNTY TREASURER/RECORDE	\$166.74	01/29/26
138022	FEDEX	\$169.12	02/02/26
138023	BUSTED KNUCKLE BREWERY WILLISTON	\$1,000.00	02/04/26
138024	3 Forks Services	\$29,630.00	02/04/26
138025	A & A LANDSCAPE AND MAINTENANCE L	\$405.00	02/04/26
138026	ACE HARDWARE & FLOORING	\$966.19	02/04/26
138027	ADVANCED ENGINEERING (AES) &	\$30,684.14	02/04/26
138028	ALERT MAGAZINE LLC	\$305.00	02/04/26
138029	ALLSTATE PETERBILT GROUP	\$234.59	02/04/26
138030	AMAZON CAPITAL SERVICES	\$705.92	02/04/26
138031	AMERICAN ENGINEERING TESTING INC	\$6,500.00	02/04/26
138032	AMERICAN RED CROSS	\$1,024.10	02/04/26
138033	AMY A. KRUEGER	\$75.00	02/04/26
138034	AQUA-PURE INC.	\$13,950.00	02/04/26
138035	BAKKEN OCCUPATIONAL HEALTH, PC	\$1,408.22	02/04/26
138036	BALCO UNIFORM CO., INC.	\$2,186.00	02/04/26
138037	BANK OF NORTH DAKOTA	\$60,661.22	02/04/26

138038	BASIN PRINTERS, INC.	\$486.00	02/04/26
138039	BENCO EQUIPMENT CO	\$18,832.25	02/04/26
138040	BONNIE & CLYDE PEST CONTROL, LLC	\$150.00	02/04/26
138041	BORDER STATES Industries, INC	\$1,785.84	02/04/26
138042	BOSS OFFICE PRODUCTS	\$990.66	02/04/26
138043	BSH TOWING	\$150.00	02/04/26
138044	C & D WATER SERVICES	\$174.00	02/04/26
138045	CAMERON ESLINGER	\$189.00	02/04/26
138046	CENTRAL SPECIALITIES, INC	\$163,325.14	02/04/26
138047	CITY OF WILLISTON	\$2,221.63	02/04/26
138048	CITY OF WILLISTON	\$28,455.50	02/04/26
138049	CITY OF WILLISTON	\$89.97	02/04/26
138050	COBORN'S INC.	\$300.23	02/04/26
138051	COCA-COLA OF WILLISTON	\$85.50	02/04/26
138052	CORE & MAIN LP	\$24,276.57	02/04/26
138053	CUMMINS SALES AND SERVICE	\$2,810.00	02/04/26
138054	DAKOTA DIESEL	\$1,065.40	02/04/26
138055	DAKOTA PUMP & CONTROL	\$11,011.09	02/04/26
138056	DAN'S TIRE SERVICE	\$16,799.17	02/04/26
138057	DELL MARKETING L.P.	\$12,570.00	02/04/26
138058	DISCO K- LLC	\$5,000.00	02/04/26
138059	EDND (ECONOMIC DEV ASSOC OF ND)	\$1,100.00	02/04/26
138060	ELECTRIC & MAGNETO, INC.	\$540.91	02/04/26
138061	ETSystems, INC.	\$80.00	02/04/26
138062	EVERYTHING SAFETY	\$179.97	02/04/26
138063	FASTENAL COMPANY	\$207.02	02/04/26
138064	FISHER SCIENTIFIC	\$189.10	02/04/26
138065	FLEXIBLE PIPE TOOLS & EQUIPMENT	\$978.20	02/04/26
138066	FURUSETH LAW FIRM, PC	\$44,880.00	02/04/26
138067	GALLS, LLC	\$3,854.73	02/04/26
138068	GARRISON-MAX AMBULANCE	\$8,400.00	02/04/26
138069	GDI SERVICES, INC.	\$30,507.45	02/04/26
138070	GENERAL EQUIPMENT & SUPPLIES	\$14,714.20	02/04/26
138071	GOOSENECK IMPLEMENT	\$27.02	02/04/26
138072	GRAINGER	\$93.40	02/04/26
138073	GRAND FORKS FIRE EQUIPMENT LLC	\$9,216.31	02/04/26
138074	GRAYMONT WESTERN CANADA	\$14,671.77	02/04/26
138075	GREYSTONE CONSTRUCTION COMPANY	\$2,700.00	02/04/26
138076	GT TOOLS INC	\$104.00	02/04/26
138077	HACH	\$53,513.36	02/04/26
138078	HAWKINS, INC.	\$47,357.86	02/04/26
138079	HEIMAN FIRE EQUIPMENT, INC.	\$342.82	02/04/26
138080	HILL ENTERPRISES LLC	\$508.67	02/04/26

138081	HOIST AND CRANE SERVICES INC	\$6,515.00	02/04/26
138082	HORIZON RESOURCES	\$53,149.96	02/04/26
138083	HOSE AND RUBBER SUPPLY	\$1,240.64	02/04/26
138084	Hotsy Cleaning Systems	\$1,253.40	02/04/26
138085	IDEMIA IDENTITY & SECURITY	\$257.00	02/04/26
138086	INDUSTRIAL EQUIPMENT	\$1,975.61	02/04/26
138087	INNOVA INTEGRATED SOLUTIONS, INC.	\$825.00	02/04/26
138088	INTERNATIONAL CODE COUNCIL	\$596.45	02/04/26
138089	INTERSTATE BILLING SERVICE, INC	\$1,127.63	02/04/26
138090	INTERSTATE POWER SYSTEMS	\$66.70	02/04/26
138091	JOE'S DIGGING SERVICE INC	\$11,875.00	02/04/26
138092	JOURNEYS BY JAN	\$1,296.00	02/04/26
138093	KANOPY INC.	\$14.00	02/04/26
138094	KELLER SUPPLY COMPANY	\$186.49	02/04/26
138095	KHRYSTINA NOHAVA	\$53.57	02/04/26
138096	KNOX	\$1,016.00	02/04/26
138097	LINDE GAS & EQUIPMENT INC	\$653.52	02/04/26
138098	M-B COMPANIES, INC.	\$8,648.82	02/04/26
138099	MAD DOG BROKERAGE INC	\$8,637.39	02/04/26
138100	MANGER INSURANCE, INC.	\$1,362.00	02/04/26
138101	MARCO TECHNOLOGIES LLC (MPLS)	\$1,084.34	02/04/26
138102	MARCO TECHNOLOGIES LLC (ST. LOUIS	\$8,245.54	02/04/26
138103	MARCO TECHNOLOGIES, LLC	\$366.43	02/04/26
138104	MCCODY CONCRETE PRODUCTS, INC	\$3,882.35	02/04/26
138105	MENARDS	\$2,634.64	02/04/26
138106	MERCY MEDICAL CENTER	\$422.74	02/04/26
138107	MERRICK INDUSTRIES	\$583.33	02/04/26
138108	MIDCONTINENT COMMUNICATIONS	\$582.92	02/04/26
138109	MIDWEST HOSE & SPECIALTY, INC.	\$165.10	02/04/26
138110	MONTANA DAKOTA UTILITIES	\$86,042.59	02/04/26
138111	MOTION & CONTROL ENTERPRISES LLC	\$330.05	02/04/26
138112	MOTOROLA SOLUTIONS, INC.	\$887.72	02/04/26
138113	MOUNTRAIL-WILLIAMS REC	\$8,303.99	02/04/26
138114	MVTL/MINNESOTA VALLEY	\$517.75	02/04/26
138115	NAPA AUTO PARTS	\$6,867.13	02/04/26
138116	NATIONWIDE - MN	\$50.00	02/04/26
138117	ND DEPT OF ENVIRONMENTAL QUALITY	\$789.54	02/04/26
138118	ND DEPT OF TRANSPORTATION	\$217,276.65	02/04/26
138119	ND ONE CALL	\$1.50	02/04/26
138120	NDEMSA	\$805.00	02/04/26
138121	NEFF LAW, P.C.	\$7,000.00	02/04/26
138122	NELSON GRANITE LIMITED	\$572.50	02/04/26
138123	NEXXUS CONSULTING, LLC	\$7,500.00	02/04/26

138124	NORTHWEST COMMUNICATIONS COOPERAT	\$7,140.69	02/04/26
138125	NORTHWEST RURAL WATER DISTRICT	\$1,204.94	02/04/26
138126	NORTHWEST SUPPLY & R&R TROPHIES I	\$1,168.00	02/04/26
138127	NOVA FIRE PROTECTION, INC	\$1,195.00	02/04/26
138128	OLYMPIC SALES, INC.	\$1,924.35	02/04/26
138129	ONE SOURCE THE BACKGROUND CHECK C	\$445.82	02/04/26
138130	OSHKOSH AEROTECH, LLC	\$6,577.65	02/04/26
138131	PACIFIC STEEL & RECYCLING	\$267.88	02/04/26
138132	PENWORTHY	\$966.84	02/04/26
138133	PETE LIEN & SONS, INC.	\$9,228.36	02/04/26
138134	PH&S PRODUCTS, LLC	\$306.00	02/04/26
138135	PLAYAWAY PRODUCTS LLC	\$410.92	02/04/26
138136	POET ETHANOL PRODUCTS, LLC	\$22,354.92	02/04/26
138137	POWERPLAN OIB	\$458.35	02/04/26
138138	PROSAFE PEST CONTROL LLC	\$75.00	02/04/26
138139	Quadient Finance USA, Inc.	\$1,000.00	02/04/26
138140	QUILL CORPORATION	\$1,622.01	02/04/26
138141	RECORD KEEPERS LLC	\$35.00	02/04/26
138142	RED ROCK CHEVROLET GMC LLC	\$225.94	02/04/26
138143	RED ROCK FORD	\$2,740.43	02/04/26
138144	REEVES COMPANY, INC.	\$67.54	02/04/26
138145	ROUGH RIDER INDUSTRIES	\$2,267.00	02/04/26
138146	RUNNINGS SUPPLY, INC	\$202.88	02/04/26
138147	RYAN MOTORS	\$1,757.03	02/04/26
138148	RYAN O'REAR	\$835.71	02/04/26
138149	S&L CLEANING SERVICE LLC	\$1,650.00	02/04/26
138150	SANITATION SISTERS, LLC	\$3,200.00	02/04/26
138151	SELID MECHANICAL, INC.	\$492.60	02/04/26
138152	SIDDONS MARTIN EMERGENCY GROUP	\$794.57	02/04/26
138153	SLATE GROUP	\$336.50	02/04/26
138154	SOUTHERN NEVADA CHAPTER INTERNATI	\$1,100.00	02/04/26
138155	STEALTH ENERGY GROUP, LLC	\$3,461.00	02/04/26
138156	STORBAKKEN & SONS CONSTRUCTION, I	\$1,155.00	02/04/26
138157	STRYKER	\$31,825.30	02/04/26
138158	THOMSON REUTERS - WEST	\$178.50	02/04/26
138159	TOP DEAD CENTER AUTOMOTIVE	\$1,323.49	02/04/26
138160	TOWNSQUARE MEDIA - WILLISTON	\$79.98	02/04/26
138161	TRACTOR & EQUIPMENT CO.	\$12,942.47	02/04/26
138162	TRAILER & TRUCK EQUIPMENT	\$1,245.00	02/04/26
138163	TRANSUNION RISK & ALTERNATIVE	\$100.00	02/04/26
138164	ULINE SHIPPING SUPPLY SPECIALISTS	\$657.50	02/04/26
138165	UNIVERSITY OF NORTH DAKOTA ONE-ST	\$1,752.18	02/04/26
138166	UPS	\$170.63	02/04/26

138167	US FLAGPOLE GUY LLC	\$155.00	02/04/26
138168	VAC-U-JET	\$2,384.00	02/04/26
138169	VERIZON WIRELESS	\$1,919.30	02/04/26
138170	VESTIS SERVICES, LLC	\$1,748.21	02/04/26
138171	VISA	\$8,163.40	02/04/26
138172	WALLWORK TRUCK CENTER	\$530.64	02/04/26
138173	WESTLIE MOTOR CO.	\$901.08	02/04/26
138174	WEX BANK	\$3,871.61	02/04/26
138175	WILLIAMS COUNTY	\$268,291.71	02/04/26
138176	WILLIAMS COUNTY TREASURER/RECORDE	\$40.00	02/04/26
138177	WILLISTON COMMUNITY LIBRARY	\$136.16	02/04/26
138178	WILLISTON CONVENTION & VISITOR BU	\$3,559.08	02/04/26
138179	WILLISTON HERALD	\$2,494.20	02/04/26
Voucher Total:		\$2,764,813.36	
Payroll Total:		\$807,658.08	
Grand Total:		\$3,572,471.44	
# of Checks:		541	

- C. Development Services
  - 1) Contractor Licenses
  - 2) Request for a Public Hearing at the February 24, 2026, Board of City Commissioner Meetings to Consider an Amendment to the Planned Unit Development from a Residential Land Use Designation to Golf Course/Open Space on Lot 29 and Lot 31, Williston Square Subdivision; and to Consider a Zone Change from R-1: Single Family Residential to P: Park Open Space Zoning District on Lot 31, Williston Square Subdivision.
- D. Engineering
- E. Authorization to Advertise for Bids
  - 1) 2026 Underground Wire Replacement Project
- F. Economic Development
  - 1) Purchase Agreement – Typhoon Rentals LLC – Resolution 26-004
- G. Attorney
  - 1) Renewal Contract – City Administrator
  - 2) First Addendum to Real Estate Purchase Agreement – Quest Properties LLC

**Motion by Bervig seconded by Bekkedahl, to approve the consent agenda.  
UNANIMOUS BY VOICE VOTE**

- 3. Public Comment
- 4. Public Hearings
  - A. Subdivision Application for Lot 1R Williston Square Subdivision a Rearrangement of Lot 19; Lot 16, 17, 18 & 20 of the Williston Square Subdivision; Lots 1, 2 & 6 of the PSAP Subdivision; and Lot 1-12 of the Sloulin Field First Addition

**Lisa Weidner: Staff Planner**

This is a Subdivision Application for Lot 1R Williston Square Subdivision a Rearrangement of Lot 19; Lot 16, 17, 18 & 20 of the Williston Square Subdivision; Lots 1, 2, & 6 of the PSAP Subdivision; and Lot 1-12 of the Sloulin Field First Addition was submitted by the City of Williston to accommodate the future right-of-way for 36<sup>th</sup>, 37<sup>th</sup>, 38<sup>th</sup> Street West, 8<sup>th</sup> Avenue, the Williston Ice Hockey proposal and the future private indoor youth sports and recreational facility.

The Energy Center Subdivision is comprised of portions of the Williston Square Subdivision, the PSAP Subdivision and the Sloulin Filed First Addition Subdivision

**Motion by Bekkedahl seconded by Bervig to approve the Energy Center Subdivision application for Lot 1R Williston Square Subdivision Rearrangement of Lot 19; Lot 16,17,18 & 20 of the Williston Square Subdivision; Lots 1, 2, & 6 of the PSAP Subdivision; and Lots 1-12 of the Sloulin Subdivision.**

5. Bid Openings
  - A. 2026 Williston Square Improvements Project

**David Juma: City Engineer**

We opened bids on these on January 28<sup>th</sup> in the commission chambers room. We had some very good showings. We had eight bids in total from prime bidders. The low bid for this project was Strata/Knife River. The low bid was \$9,498,616.16, which was significantly lower than our engineers estimate.

**Motion by Bervig seconded by Bekkedahl to accept the bid received from Strata in the amount of \$9,498,616.16 for the base bid and all alternates and direct the City Engineer to execute the necessary documents to complete the construction contracts with Strata and to apply for the State Water Commission grant funding for the 2026 Williston Square Improvements Project.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

- B. West Broadway Improvements Project

This is a reconstruct of the water, sewer and storm sewer system on West Broadway tying into the system that was installed on Main Street. On January 28<sup>th</sup> we opened the bids. There were three from BEK, Wagner and Crow River. Crow River was the current low bidder with a total bid of \$2,014,857.75 for the base bid and alternate. This bid is a little higher than the engineers' estimate by about \$100,000.00. Though it does fall below what was budgeted for this project. This was one project we purposefully held back on with the thought that we were going to get into some unknowns.

**Motion by Bekkedahl seconded by Bervig to accept the bid received from Crow River Construction in the amount of \$2,014,857.75 for the base bid and alternate and direct the City Engineer to execute the necessary documents to complete the construction contracts with Crow River Construction, and to apply for the State Water Commission grant funding for the W. Broadway Improvements Project**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0****C. D26-1 Sidewalk District**

We also opened bids on January 28<sup>th</sup> for this. We received three bids; the low bid was for Jaramillo Concrete. The estimate was \$175,755 and their estimate was \$161,012.50. For anyone interested in participating in the sidewalk district they can contact the City Engineer office at 701-577-6368. The districts are assessed in the amount of 20 years if you choose to participate.

**Motion by Bekkedahl seconded by Bervig to accept the bid received from Jaramillo Concrete in the amount of \$161,012.50 for the D26-01 for the Sidewalk District and direct the City Engineer to execute the necessary documents to complete the construction contracts with Jaramillo Concrete.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

**D. 2026 Seal Coat Project**

This is a Seal Coat project that we opened bids for on February 4<sup>th</sup>. We had two bids total, one from Asphalt Surface Technologies (Astech) and Asphalt Preservation Company. Both companies have performed work in Williston in the past. This year's low bidder was Astech with a total of \$254,712.29. The engineer's estimate was \$338,692. We are currently looking at other areas where we can utilize this lower pricing on to expand our purchasing power. Our budget for this year was \$350,000.

**Motion by Bervig seconded by Bekkedahl to accept the bid received from Asphalt Surface Technologies (Astech) in the amount of \$254,712.29 for the 2026 Seal Coat Project and direct the City Engineer to execute the necessary documents to complete the construction contracts with Asphalt Surface Technologies.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

**E. 2026 Striping Project**

This is the 2026 Striping Project. We had one bidder which was Traffic Safety Services. Their bid came in in the amount of \$44,446.00 and our engineers' estimate was \$50,316. In the budget, it included \$150,000 for striping and patching.

**Motion by Bekkedahl seconded by Bervig to accept the bid received from the Traffic Safety Services in the amount of \$44,446.00 for the 2026 Striping Project and direct the City Engineer to execute the necessary documents to complete the construction contracts with Traffic Safety Services.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

6. Ordinances
7. Petitions, Communications, and Remonstrances
8. Report of Commissioners
  - A. President of the Board

- B. Finance Commissioner
  - C. Airport, Engineering, and Public Works Commissioner
  - D. Ambulance, Fire, and Police Commissioner
  - E. Development Services, Economic Development, and Library Commissioner
9. Report of Departments
- A. Administration
  - B. Finance
    - 1) Anti-Fraud Policy

#### **Hercules Cummings: Finance Director**

The City of Williston has adopted a comprehensive Anti-Fraud Policy to protect municipal revenue, assets, information, property, and reputation from fraud, waste, abuse, misconduct, and dishonesty. The policy establishes a zero-tolerance stance toward fraud and corruption, promotes an ethical culture, strengthens internal controls, and provides clear procedures for prevention, detection, reporting, investigation, and response. It safeguards taxpayer resources, maintains public trust and confidence, ensures compliance with North Dakota Century Code, federal grant rules and related City policies, and aligns with Government Auditing Standards and GFOA best practices. This memorandum summarizes the key elements of the policy for the Commission's review.

The Anti-Fraud Policy establishes a framework for deterring, detecting, and correcting misconduct and dishonesty. The policy aims to Safeguard the City's reputation and financial viability, prevent fraudulent financial reporting and asset misappropriation, detect and prevent corruption, maintain public trust and confidence, provide clear procedures for reporting and investigating suspected fraud and ensure compliance with North Dakota Century Code and federal regulations

This policy applies to all City elected officials, staff, appointed board/committee members, contractors, vendors, and external parties conducting business with the City.

Asset Misappropriation: Theft or misuse of City cash, inventory, vehicles, equipment, or other resources

Corruption: Bribery, conflicts of interest, bid rigging, and illegal gratuities. Fraudulent

Financial Reporting: Intentional misstatements or omissions in financial records

The policy establishes multiple channels for reporting suspected fraud, ensuring that all stakeholders can confidentially report concerns without fear of retaliation. Reports may be made to supervisors, department heads, the City Administrator, Human Resources, or external authorities as appropriate.

The policy identifies significant potential impacts of fraud and misconduct: financial loss to the City and taxpayers, damage to City reputation and staff morale, loss of public confidence and trust, investigation and legal expenses, regulatory sanctions and penalties and potential criminal prosecution

The policy incorporates requirements from multiple authoritative sources including North Dakota Century Code, Government Accounting Standards, Government Finance Officers Association (GFOA) guidelines, and federal grant compliance standards (2 CFR Part 200). These standards require prompt disclosure of fraud, conflicts of interest, and violations of law or regulation.

The Anti-Fraud Policy works in conjunction with: Code of Ethics, Purchasing and Procurement Policies, Financial Management Policies, Personnel Policies and Procedures, Information Technology Security Policies and Whistleblower Protection Policies

**Motion by Bekkedahl seconded by Bervig to approve the City of Williston's Anti-Fraud Policy as presented with the spelling corrections made.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

- C. Attorney
- D. Public Works
- E. Engineering
- F. Fire Department
- G. Police Department
- H. Development Services
- I. Economic Development
- J. Airport
  - 1) Aero Spraying Service Authorization Application

**Ryan O'Rear: Interim Airport Director**

Richard Marburger has submitted an Authorization Application for the Board's consideration. The approval, if granted, will allow Mr. Marburger, or designee, to perform aerial spraying for mosquitos and stipulates a 24-hour public notice before spraying operations begin. This approval provides a low-flying aircraft waiver that is required by the FAA.

**Motion by Bekkedahl seconded by Bervig to approve the authorization application for Aero Spraying Service.**

**UNANIMOUS BY VOICE VOTE**

- K. Convention and Visitors Bureau
- 10. Appointments and Consultations with Officers
  - A. Housing Commission Appointments

**Mark Schneider: Director of Development Services**

We have 3 seats to fill on the Housing Commission for 2026. One was vacant from a commissioner leaving town, the second we will ask to renew an existing Commissioner seat, and the third we will seek a new member to fill this seat.

The First seat will be to fill the vacant WABA (Western Area Builders Association) seat. We would like to nominate Bob Horab, who was the past ND State Builders Association President in 2025. With his connections of other Builders Associations across the state and continued connections at the National level, he is a great fit for the local needs of our Housing Commission. This will give us opportunity to bounce ideas off other major cities in North Dakota and take our concerns up to a National level.

The Second seat represents the Builder/Developer category, and one year ago we nominated Thane Corpron, who works for J&K Homes, Spearfish Excavating. Thane filled a vacancy on the Housing Commission at that time. Thane's experience in the Home Building process has been extremely valuable, and we appreciate his willingness to serve another 3 years.

The Third seat would fill Jason Splichal's (Builder's First Source) position, who has served the past 6 years on our commission representing the Supply Industry. His contributions have been greatly appreciated. Ashley Neumiller with Prairie Supply will fill the Supply Industry seat for the next 3 years.

The City advertises these positions to attract interested people who want to participate in volunteer positions. This year we were lacking applications, so made a few calls to seek out these applicants. Applicants are considered and recommended based on qualifications within their industry.

**Motion by Bervig seconded by Bekkedahl to recommend Bob Horab (McCody Concrete), Thane Corpron (J&K Homes), and Ashley Neumiller (Prairie Supply) be approved as new Housing Commissioners for the next 3 years serving from February 2026 to February 2029.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

11. Unfinished Business
12. New Business
13. Executive Session
  - A. Contract Negotiations for Williston Square Property (Exempt Under 44-04-19.2)

**Mayor Klug:**

It is now 6:35 p.m. The next item on the agenda is consideration to adjourn into executive session for the purposes of ongoing contract negotiation discussion.

Under N.D.C.C. § 44-04-17.1, § 44-04-19.1, § 44-04-19.2, and § 44-04-18.4, the Commission may consult with each other in an executive session that is closed to the public.

Is there a motion to discuss this topic in executive session?

**Motion by Bekkedahl seconded by Bervig to discuss this topic in executive session.**

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

The motion has passed and under the Century Code provisions previously identified, the Commission will now adjourn into executive session for ongoing contract negotiations. The executive session was adjourned at 6:48 p.m. on February 10, 2025. The Commission has returned to the meeting room, and the Commission is now back in open session.

We made one motion in the executive session we had a motion and a second, I will now ask for a roll call on the motion.

**AYE: Bervig, Gjovig, Bekkedahl, Siemieniewski, Klug**

**NAY:**

**Carries: 5-0**

14. Adjourn at 6:50

**Motion by Bekkedahl seconded by Bervig to Adjourn**

**UNANIMOUS BY VOICE VOTE**

Water Development Plan: Yes (2025)  
Plan Priority: Low

K 2

# 1088042 - Enderlin Water Supply Study

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 23, 2026 3:42 PM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Cyndee Chesley
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Salutation Josh  
First Name

Middle Name Wayt  
Last Name

**Title:** Funding Specialist

**Email\*:**  
josh.wayt@mooreengineeringinc.com

**Address\*:** 925 10th Ave E  
Suite 1

### Organization Information

**Status\*:** Approved

**Name\*:** City of Enderlin

**Organization Type\*:** Municipal Government

**Tax Id:**

**Organization Website:**

**Address\*:** P.O. Box 65  
411 Railway St.

	West Fargo	North Dakota	Enderlin	North Dakota
	City	State/Province	City	State/Province
58078			58027-0065	
Postal Code/Zip			Postal Code/Zip	
<b>Phone*:</b>	(701) 200-5455	Ext.	<b>Phone*:</b>	701-437-3476 Ext.
	Phone			###-###-####
	###-###-####		<b>Fax:</b>	###-###-####
<b>Fax:</b>	###-###-####		<b>Vendor ID:</b>	
<b>Comments:</b>			<b>PeopleSoft Supplier ID:</b>	
			<b>Comments:</b>	
			<b>Location Code:</b>	
			<b>SAM UEI #:</b>	
			<b>SAM Validation:</b>	
			<b>SAM Expiration Date:</b>	
			<b>SAM Exclusion Flag:</b>	
			<b>SAM Last Updated:</b>	

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

<b>Project Name*:</b>	Enderlin Water Supply Study
<b>Sponsor(s)*:</b>	City of Enderlin
<b>County*:</b>	Ransom
<b>City*:</b>	Enderlin
<b>Description of Request*:</b>	New

**Project Type:** Municipal Water Supply

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

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

**Jurisdictions/Stakeholders Involved\*:**

The City of Enderlin and its 850 residents.

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

The City of Enderlin discharges treated wastewater from its lagoon system to the Maple River under NPDES limits set by the North Dakota Department of Environmental Quality (NDDEQ). The City is currently exceeding permitted chloride and sulfate levels. The lagoon process cannot remove either constituent. Elevated chlorides were traced to industrial cleaning chemicals used by a local business, which has since changed products; chloride levels are expected to return to compliance. Sulfates originate from the City's raw well water, and the existing treatment system does not remove them. Raw and treated water sulfate concentrations range from 650-700 mg/L, exceeding the NPDES 400 mg/L discharge limit and the EPA's 250 mg/L drinking water recommendation

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

The City retained Moore Engineering to evaluate effective methods for reducing sulfate concentrations in the drinking water supply. A preliminary evaluation of treatment alternatives indicates that sulfates can be removed through a combination of nanofiltration and chemical precipitation, forming gypsum as a byproduct.

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

The City is respectfully requesting 60% cost share assistance from the Department of Water Resources.

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

Prior to a detailed design phase, the preliminary evaluation recommended bench-scale testing to confirm the selected treatment approach and determine optimal chemical dosages. Upon verification, preliminary design can proceed to establish equipment selection, sizing, and operational requirements.

This project will produce a Preliminary Engineer's Report (PER) that details and recommends the size and scale of the equipment required for the additional treatment process. This work is necessary prior to advancing to full-scale design and implementation.

**For this project,**

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

**What is the Current Estimated Population?\***: 850

**For this project,**

**What is the Benefited Population?\***: 850

**Have Assessment Districts Been Formed?\***: No

**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?\***: 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:**

The project was selected for a \$3.8M award by the USACE Section 594 Program. The USACE award is specifically for the design and construction effort (i.e., it will not apply to the study portion of the project described here). The City is working with USACE staff to finalize a grant agreement. This agreement will not be finalized until the study is completed and a detailed scope of work for the design and construction effort can be outlined.

**Federal Funding Contact:** Michelle Prosser  
First Name Last Name

**Federal Funding Contact Number:** 651-290-5373

**Federal Funding Email:** michelle.e.prosser@usace.army.mil

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion∗:** 01/01/2027

**Design Completion∗:** 07/01/2027

**Bid∗:** 09/01/2027

**Construction Start∗:** 10/01/2027

**Construction Completion∗:** 06/01/2029

**Explain Additional Timeline Issues∗:**

No timeline issues are anticipated at this time.

**Consulting Engineer∗:** Tracy Eslinger

**Engineer Direct Phone Number∗:** 701-499-5860

**Engineer Email∗:** tracy.eslinger@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\*:** Cyndee Chesley 04/23/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** P.O. Box 65  
Address Line 1  
 411 Railway St.  
Address Line 2  
 Enderlin North Dakota 58027-0065  
City State Zip Code

**Direct Phone Number\*:** 701-437-3476

**Sponsor Email\*:** enderlincity@mlgc.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:** Cyndee Chesley  
First Name Last Name

**Authorized Signor** City Auditor  
**Title/Position:**

**Authorized Signor Email:** endelrincity@mlgc.com

**Authorized Signor Direct Phone Number:** 701-437-3476

**Provide the Name for One Additional Board Member, if Applicable:** Deon Maasjo  
 First Name Last Name

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

**Additional Board Member Email:** dmaasjo@kelleybean.com

**Additional Board Member Direct Phone Number:** 701-678-4384

## 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**

22401\_Enderlin\_WaterSupplyStudy\_Exhibit\_03.04.26.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:** 22401\_Enderlin\_WaterSupplyStudy\_Minutes\_04.2026.docx

**Cover Letter:** 22401\_Enderlin\_WaterSupplyStudy\_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:** 22401\_Enderlin\_WaterSupplyStudy\_DelineationCosts.xlsx

**Type of Request:** Study

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

**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):** No

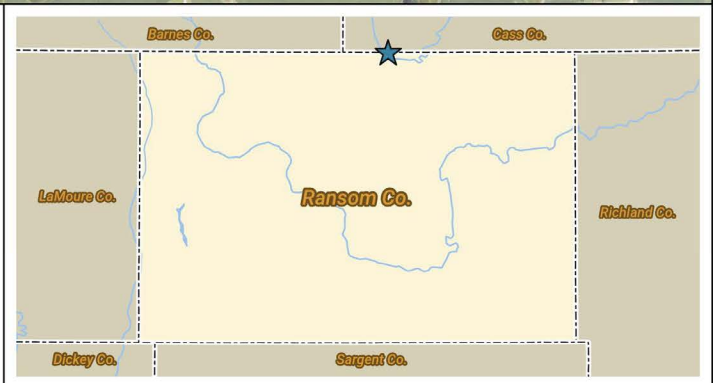
**Sources**

**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 2			Total Cost	Type	Term	Interest Rate
			State Fiscal Year 1 July to June	July to June	Beyond Current Biennium				
Department of Water Resources Cost Share Pre- Construction		Current Request	\$99,000.00	\$0.00	\$0.00	\$99,000.00		0.00	0.00
Other	Local funding	Already Approved	\$66,000.00	\$0.00	\$0.00	\$66,000.00		0.00	0.00
			<b>\$165,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$165,000.00</b>			

**Legend**

 City Limits



**WATER SUPPLY IMPROVEMENT STUDY  
ENDERLIN, NORTH DAKOTA**

Created By: KMY Date Created: 03/04/20 Date Saved: 03/04/20 Project Number: 22401  
Map Name: DWR Main Map Exported By: Kyle Volk Date Exported: 03/04/20 Parents: State - 2025/11/12 Aerial Image: NAIP  
Coordinate System: NAD 1983 StatePlane North Dakota North FIPS 3301 Feet Vertical Datum: NAVD1988  
T:\projects\22400\22401\110\_ArcPro\22401\_DWR\_Exhibit\22401\_DWR\_Exhibit.aprx





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

DWR Date Received : April 23, 2026

Date :	4/22/26
Project :	Enderlin Water Supply Study
Sponsor :	City of Enderlin
Contact :	Cyndee Chesley, City Auditor
Phone :	701-437-3476
Engineer :	Tracy Eslinger, Moore Engineering, Inc.
Phone :	701-499-5860

Total Cost :	\$ 165,000.00	Total Cost-Share* :	\$ 99,000.00
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 165,000.00	Preconstruction :	\$ 99,000.00
Local Cost :	\$ 66,000.00	Construction :	\$ -

Project Type:	Water Supply - Municipal	Cost-share %	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	100.0%	Feasibility Study	1	LS	165,000.00	\$ 165,000.00	60%	\$ 99,000.00		
7	0.0%		0		-	\$ -	60%	\$ -		
8	0.0%		0		-	\$ -	60%	\$ -		
9	0.0%		0		-	\$ -	60%	\$ -		
10	0.0%		0		-	\$ -	60%	\$ -		
	100.0%	<b>Preconstruction Total</b>				\$ 165,000.00	60%	\$ 99,000.00		
<b>Construction Engineering Costs</b>										
11	0.0%		0		-	\$ -	60%	\$ -		
12	0.0%		0		-	\$ -	60%	\$ -		
13	0.0%		0		-	\$ -	60%	\$ -		
14	0.0%		0		-	\$ -	60%	\$ -		
	0.0%	<b>Construction Engineering Total</b>				\$ -	60%	\$ -		
<b>Construction Costs</b>										
15	0.0%	Mobilization	0	LS	-	\$ -	60%	\$ -		
16	0.0%	Bonding	0		-	\$ -	60%	\$ -		
17	0.0%	Insurance	0		-	\$ -	60%	\$ -		
18	0.0%		0		-	\$ -	60%	\$ -		
19	0.0%		0		-	\$ -	60%	\$ -		
20	0.0%		0		-	\$ -	60%	\$ -		
21	0.0%		0		-	\$ -	60%	\$ -		
22	0.0%		0		-	\$ -	60%	\$ -		
23	0.0%		0		-	\$ -	60%	\$ -		
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%	\$ -		
		<b>Construction Sub-Total</b>				\$ -	60%	\$ -		
	0.0%	<b>Allowable Contingency (10%)</b>				\$ -	60%	\$ -		
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	60%	\$ -		
	0.0%	<b>Construction Total</b>				\$ -	60%	\$ -		
							Eligible Preconstruction	\$ 165,000.00	60%	\$ 99,000.00
							Eligible Construction	\$ -	60%	\$ -
							<b>Eligible Total</b>	\$ 165,000.00	60%	\$ 99,000.00
<b>Ineligible Preconstruction Costs</b>										
37	0.0%		0		-	\$ -	0%	\$ -		
38	0.0%		0		-	\$ -	0%	\$ -		
39	0.0%		0		-	\$ -	0%	\$ -		
40	0.0%		0		-	\$ -	0%	\$ -		
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	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%	\$ -		
							<b>Ineligible Total</b>	\$ -	0%	\$ -
							<b>Project Total</b>	\$ 165,000.00		
							<b>Federal or State Funds That Supplant Costs</b>	\$ -		
							<b>Eligible Cost Total</b>	\$ 165,000.00	60%	\$ 99,000.00

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

# City of Enderlin

P.O Box 65 ~ 411 Railway Street ~ Enderlin, North Dakota 58027  
Telephone 701-437-3476 TTY 800-366-6888 Fax 701-437-3477~  
www.enderlinnd.com

"This Institution is an equal opportunity provider and employer"

April 23, 2026

Lori Noack  
Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505-0850

RE: Enderlin Water Supply Study Cost Share Request

Dear Lori,

The City of Enderlin has initiated a project to evaluate effective methods for reducing sulfate concentrations in the drinking water supply. The sulfates originate from the City's raw well water, and the treatment system does not remove them. The sulfate concentrations in the City's raw and treated water range from 650-700 mg/L. This concentration exceeds the existing NPDES limit of 400 mg/L and the EPA's 250 mg/L drinking water recommendation.

A preliminary evaluation of treatment alternatives indicates that sulfates can be removed through a combination of nanofiltration and chemical precipitation, forming gypsum as a byproduct. Prior to a detailed design phase, the preliminary evaluation recommended bench-scale testing to confirm the selected treatment approach and determine optimal chemical dosages. The City is respectfully requesting 60% DWR cost share for a study that will produce a Preliminary Engineer's Report (PER) that details and recommends the size and scale of the equipment required for the additional treatment process. This work is necessary prior to advancing to full-scale design and implementation. This project is listed on the NDDEQ's Intended Use Plan, where it is ranked #27 statewide.

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 engineering consultant, Tracy Eslinger, at (701) 499-5860 or [tracy.eslinger@mooreengineeringinc.com](mailto:tracy.eslinger@mooreengineeringinc.com).

Thank you.

Sincerely,



CITY OF ENDERLIN, NORTH DAKOTA  
Cyndee Chesley  
City Auditor



**Councilmembers**  
Shelly Hanson Kevin Bunn Tim Michaelson  
Kayl Hamre Terri Egan Roger Maras  
Cyndee Chesley, Auditor  
Deon Maasjo, Mayor



**CITY OF ENDERLIN**  
**APRIL 6, 2026-MINUTES**

The Enderlin City Council met for their regular monthly meeting on Monday, April 6, 2026 at 7:00 P.M. in the City Auditors Office with Mayor Deon Maasjo presiding. Council Members present were: Kevin Bunn, Terri Egan, Shelly Hanson, Roger Maras, Tim Michaelson and Kayl Hamre.

Others attending were: Frank Egan, Rick Gillund, Brent Wolf, Tracy Eslinger, Kolby Rasmusson, Fallon Kelly, Emily Wolf, and Cyndee Chesley.

Hamre made a motion to adjourn last month's meeting, seconded by Egan. All Council Members present voting aye, motion carried.

Michaelson made a motion to approve the minutes, seconded by Hamre. All Council Members present motion carried. Bills were pre-approved and paid 4-2-26 & 4-7-26. Michaelson made a motion to approve the treasure's report, seconded by Hanson. All Council Members present voting aye, motion carried. Bunn made a motion to approve the payroll paid in the amount of \$33,655.83, check numbers 46977-46985, and 46999-47020, seconded by Egan. All Council Members present voting aye, motion carried.

## **MOORE ENGINEERING**

### **-WATER IMPROVEMENT DIST. 2024-1**

Tracy Eslinger discussed with the Council the Sulfate Bench-Scale testing & Preliminary detailed engineering. He would like to submit an application to DWR for cost sharing for Amendment #3, which would be up to 60%. Egan made a motion approving the City Auditor to work with Moore Engineering to develop and submit a DWR cost share application for the Water Improvement District 2024-1, seconded by Michaelson. All Council Members present voting aye, motion carried. Eslinger had 3 Water Treatment Plant Options. Option 1-Building addition to existing WTP at a cost of \$17.7 million; Option 2-New out building to house Nanofiltration equipment at a cost of \$14.3 million and Option 3-New Water Treatment Plant at cost of \$31.1 million. The Council discussed the Options and knowing that the WTP is in need of major updates & repairs, the costs of a new WTP is not feasible. The other 2 Options were discussed. The Council does not want a stand alone building but connected to the existing WTP. Eslinger explained there are some updates to the WTP in the Options presented but may need to add more. Hamre made a motion to approve the City Auditor to work with Moore Engineering to develop and submit an EDA cost share application for Water Improvement District 2024-1, seconded by Michaelson. All Council Members present voting aye, motion carried. Eslinger presented the Final invoice for Amendment #2 of the BQE Sulf-IX study in the amount of \$2,400.00. Michaelson made a motion approving payment of the Final invoice, seconded by Maras. All Council Members present voting aye, motion carried.

## **-INTERSECTION WIDENING BROADWAY AND HWY #46**

No discussion.

## **-WATER SERVICE LINE INVENTORY**

No discussion.

## **PUBLIC WORKS SUPERINTENDENT**

Rick Gillund informed the Council that we have a quote from Acme Tool for a Kubota F3710 zero turn mower for \$20,916.88 trading the 2019 John Deere Z997R. Hamre made a motion approving the trade, seconded by Michaelson. All Council Members present voting aye, motion carried.

Gillund has received 2 quotes for the Lift Station in Little Moorhead, DPC for \$29,500.00 and Electric Pump for \$29,540.00. Electric Pump's estimate includes a Cell Service alarm package and DPC's does not. After some discussion, Hamre made a motion to accept the estimate from Electric Pump, seconded by Egan. All Council Members present voting aye, motion carried. Gillund received quote of \$143,092.00 from Bituminous Paving for widening the street from the corner of Dewey/Oehlke to Michaelson's property. The Council will look into how this would be funded. Bituminous also had a quote for sealcoating 17549 sq yds for \$50,014.65. They are honoring the prices from 2024 in this quote. Gillund would like to add 4 to 5 blocks which will be about \$20,000.00 more. After some discussion, Hamre made a motion approving the quote of \$50,014.65 and the extra \$20,000.00 contingent on splitting the payment, seconded by Bunn. All Council Members present voting aye, motion carried. Gillund had talked with LTP on the drilling of a new well by the #5 well that was relined a few years ago. The cost of a new well would be about \$130,000.00. Gillund stated to just replace the pump in Well #5 as the cost of a new well is too high. He had quotes from Roadway Services and Jet-Black for crack sealing and he plans on using both companies. Gillund stated that they have been working on the sludge press and waiting for some parts. Gillund had a quote of \$3,771.00 from Pump Supply, Inc for a sludge press pump. Sweeny Controls submitted a proposal of \$11,500.00 for modification of the existing control panel to run the press. The City crew has been painting and so some repairs at the Water Plant. Gillund has been getting contractors lined up for when ADM goes down for their maintenance, so things can be worked on at the Water plant. Gillund congratulated Brent Wolf for passing his Class 2 Water Treatment test this past week.

## **COMMUNITY AFFAIRS ADVOCATE**

Deputy Auditor Wolf informed the Council Terri Egan, Nancy Farnham and herself have been in contact with a business in town to carry fresh fruits & vegetables. That business owner is looking at some different options. The Council requested that Wolf contact Traxside and Meat Wizards on this as they have had some items in the past. She attended the League of Cities conference in Dickinson and questioned if Enderlin would want to be a part of the ND Cares. It is a program for veterans. The Council stated that they would. Wolf updated the Council on the

monthly events coming up.

Mayor Maasjo informed the Council that the Auditor and Deputy Auditor have met with Tracy Ekeren about her contract. She has decided to cut back on some the duties of the Advocate. Deputy Auditor Wolf will be doing some of those duties. The retainer and expenses were lowered from \$1,774.19 to \$1,370.00 per month. Michaelson made a motion approving the Contract as presented, seconded by Egan. All Council Members present voting aye, motion carried.

The CDC approved 2 Sales Tax Applications, Sandvig Properties, LLC-Matthew Sandvig and Enderlin Fine Arts. Sandvig is asking for a \$28,700.00 loan for 15 years at 0% to purchase the building at 223 4<sup>th</sup> Ave. for Sandvig Construction, KS Armory and Deans Gun Shop. Sandvig also mentioned possible living quarters at this site. After some discussion, Bunn made a motion approving the loan contingent on no living quarters, seconded by Maras. All Council Members present voting aye, motion carried.

The Enderlin Fine Arts is requesting a grant for \$3,000.00 for a mural on the Tri-County Lanes building. Michaelson made a motion approving the grant, seconded by Hamre. All Council Members present voting aye, motion carried. The Council stated that if more is needed to make another request.

## **PLEDGE OF SECURITIES**

BankNorth has pledged \$4,098,098.18 in Securities and/or FHLB Standby Letter of Credit. As of March 31, 2026 the City had \$4,156,786.83 in deposits. There is also \$500,000.00 in FDIC coverage for all accounts. Egan made a motion approving the pledge, seconded by Hanson. All Council Members present voting aye, motion carried.

## **BUIDLING PERMITS**

Council member Maras approved the following building permits: Les Neumiller for siding, gutters and soffits.

## **CODE VIOLATIONS-ADMINISTRATIVE HEARING(S)**

No discussion.

## **OTHER BUSINESS**

The Council discussed updating the Personnel Policy. Council member Egan along with the Auditor & Deputy Auditor will go through the policy and bring it back to the Council.

Council members Michaelson and Egan have been discussing with Gillund his compensation after he retires. Gillund has a Class 4 certification so he will need to continue as a he is the only certified Water Treatment Plant operator. The State requires at least a Class 3 operator for our

Water Plant. B.Wolf is working towards his Class 3. They will need to discuss the wages for B. Wolf for taking on more responsibilities as well as Hanson. Egan & Michaelson feel it will need to be reviewed in 6 months to see were everyone is at.

The ND Dept of Environmental Quality presented the City of Enderlin the Certificate of Achievement for satisfying applicable requirements of the Safe Drinking Water Act for 2025. The City commends its Water System staff for a job well done.

The Council was informed on the upcoming NDIRF annual meeting if anyone is interested in attending.

The City has to become ADA Compliant on the Website and documents in the office by 2027.

The Council questioned if the Lions Club had given the City any costs or types of trees for the upcoming Tree Project they are planning on doing this spring. The Auditor stated that they have not given the office any information.

The Council was reminded of the Equalization meeting on April 13, 2026 at 6:30 pm in the City Auditors office.

The Auditor informed the Council that Friday, May 8<sup>th</sup> will be City Clean-up day. Items need to on the curb by Thursday, May 7<sup>th</sup> to get picked-up on Friday.

Meeting recessed

---

Deon Maasjo, Mayor

---

Cyndee Chesley, Auditor

The Enderlin Board of Equalization met on Monday, April 14, 2026 at 6:30 pm at the City Auditors office with President Deon Maasjo presiding. Board members attending were-Kevin Bunn, Kayl Hamre, Tim Michaelson and Shelly Hanson. Terri Egan and Roger Maras, absent.

Others attending were-Joe Mathern, Michaela Briss, Gene Johnson, Severin Neumann, Cyndee Chesley and Emily Wolf.

President Maasjo called the meeting to order and turned it over to Assessor Joe Mathern and Deputy Tax Director Michaela Briss. They presented the Board with changes in True & Full values for Ransom & Cass Counties. Mathern explain that there were not as many changes as last year. The Board looked over the information given to them. Briss informed the Board that everyone received a Letter of Valuations whether they had an increase or not as it is required now. Gene Johnson stated that the shop he owns in Cass County has increased substantially. He had the shop appraised by Fadness Realty & Appraisal in October 2024 and it was appraised at \$53,000.00. Johnson explained that the building has no utilities. The Board has accepted appraisals that are done by a certified appraiser in the past. Severin Neumann is with the company that purchased the two 14-plex apartments on the hill. The purchase price was \$1,157,000.00 and the valuation is \$1,259,000.00. Neumann was told by Mathern and Briss to get a copy of the sale to the County office as they are also reviewing the Lisbon site that this company purchase. Hamre made a motion approving the changes in valuation presented, with a decrease to the appraised amount on Gene Johnson parcel #71-0100-00102-000 and the two 14-plexes to be reviewed once paperwork is received, seconded by Michaelson. All Board Members present voting aye, motion carried.

Meeting adjourned.

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Deon Maasjo, Mayor

---

Cyndee Chesley, Auditor

# 1087769 - City of Bowman - New Water Storage Reservoir - Copy

## 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 9, 2026 2:55 PM  
**Initially Submitted By:** Camie Janikowski  
**Last Submit Date:** Apr 21, 2026 3:36 PM  
**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@brozengineering.com](mailto:camiej@brozengineering.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 Bowman  
**Organization Type\*:** Municipal Government  
**Tax Id:** 45-6002040  
**Organization Website:**  
**Address\*:** PO Box 12

Bowman North Dakota 58623-0012  
City State/Province Postal Code/Zip

**Phone\*:** 701-523-3309 Ext.  
### ###

**Fax:** 701-523-5716  
### ###

**Vendor ID:**

**PeopleSoft Supplier ID:**

**Comments:**

**Location Code:**

**SAM UEI #:** DBPQX/GH5MK4

**SAM Validation:** Active

**SAM Expiration Date:** 10/01/2026

**SAM Exclusion Flag:**

**SAM Last Updated:** Apr 6, 2026 12:02 AM

## Infrastructure Funding Request

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### *Infrastructure Funding Request*

**Project Name\*:** City of Bowman New Water Storage Reservoir

**Sponsor(s)\*:** City of Bowman

**County\*:** Bowman

**City\*:** Bowman

**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 Bowman

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

The City of Bowman's municipal water system is supplied by two (2) concrete storage tanks. The east storage tank is a 300,000 gallon buried concrete tank constructed in 1947, the west storage tank is a 500,000 gallon buried concrete tank was constructed in 1979. The City would like to remove the existing tanks and install a new 600,000 gallon tank. Both tanks were inspected by KLM Engineering, Inc. in 2017 which revealed the deterioration that has taken place over the years. The report states that the interior is in poor condition, there are numerous cracks with efflorescence deposits and numerous areas of spalled concrete. The presence of efflorescence indicates an exterior intrusion of water.

**Describe the Proposed or Chosen**

**Solution(s) to Address the Problem/Need\*:**

The City is proposing to replace the two existing tanks with a new 600,000 gallon tank.

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

To replace concrete storage tanks that have met their life expectancy and that are showing size of comprising the health and safety of the Cities

water supply.

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

The recommendation is to remove the existing water tanks from service and install a new tank to replace them.

For this project,

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

**What is the Current Estimated Population?\***: 870

For this project,

**What is the Benefited Population?\***: 870

**Have Assessment Districts Been Formed?\***: No

**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?\***: 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\*:** 04/25/2024

**Design Completion\*:** 03/30/2026

**Bid\*:** 4/25/2026 4/28/2026

**Construction Start\*:** 8/1/2026

**Construction Completion\*:** 12/1/2026

**Explain Additional Timeline Issues\*:**

Availability of materials and or weather delay are the only anticipated timeline 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\*:**

Peggy Allen 04/09/2026  
First Name Last Name Date

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

City Auditor

**Address\*:**

PO Box 12  
Address Line 1  
Address Line 2  
Bowman North Dakota 58623-\_\_\_\_  
City State Zip Code

**Direct Phone Number\*:**

701-523-3309

**Sponsor Email\*:**

[pallen@cityofbowman.com](mailto:pallen@cityofbowman.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:**

Peggy Allen  
First Name Last Name

**Authorized Signor Title/Position:**

Auditor

**Authorized Signor Email:**

[pallen@cityofbowman.com](mailto:pallen@cityofbowman.com)

**Authorized Signor Direct Phone Number:**

701-523-3309

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

Lyn James  
First Name Last Name

**Additional Board Member Title/Position:**

President

**Additional Board Member Email:**

**Additional Board Member Direct Phone Number:**

701-523-6972

## Documentation

### **Documentation**

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

No

[CLICK HERE](#) to see examples.

### **Project Specific Map**

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

[Water Storage Tank Improvements Map.pdf](#)

\*:

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

Yes

**Engineer's Estimate of Probable Cost**

[2301109 Opinion of Cost.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:**

[City Minutes\\_DWR request\\_draft.pdf](#)

**Cover Letter:**

[City of Bowman Letter of Application for DWR Cost Share 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:**

[sfn\\_61801\\_delineation\\_of\\_cost Bowman Water Reservoir .xlsx](#)

**Type of Request:**

Construction

**Signed Plans and Specifications For Bidding:**

[2301109\\_Plans\\_03-05-26\\_Final Stamped.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:**

[life\\_cycle\\_cost\\_analysis\\_worksheet - Bowman New Water Storage Reservoir Construction.xlsx](#)

[CLICK HERE for SFN 62417 Basic Asset Inventory Tool and Current Version.](#)

**Asset Inventory Assessment:**

[Basic Asset Inventory Tool - Bowman Water updated 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:**

[2026\\_Bowman\\_Tank\\_PER\\_Final\\_3.5.2026\\_Stamped.pdf](#)

**Photos of Problem/Issue:**

**GIS Files:**

Please Compress All Files Into One .zip File.

**Other Applicable Document(s):**




# Sources

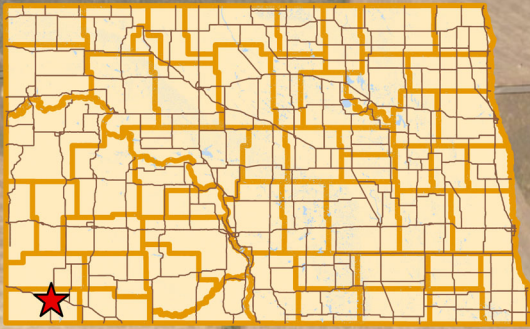
**Project Funding Sources - Include All Funding Sources for the Project (Should Equal Project Cost)**

Source	If Other, 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 Construction Cost Share		Current Request	\$1,656,600.00	\$0.00	\$0.00	\$1,656,600.00	Grant	0.00	0.00
Drinking Water State Revolving Fund		Future Request	\$0.00	\$1,192,400.00	\$0.00	\$1,192,400.00	Loan	20.00	2.00
Department of Water Resources Pre-Construction Cost Share		Already Approved	\$132,000.00	\$0.00	\$0.00	\$132,000.00	Grant	0.00	0.00
			<b>\$1,788,600.00</b>	<b>\$1,192,400.00</b>	<b>\$0.00</b>	<b>\$2,981,000.00</b>			

### Water Storage Tank Improvements

**Legend**

-  Bowman City Limits
-  Half Mile ETA
-  One Mile ETA

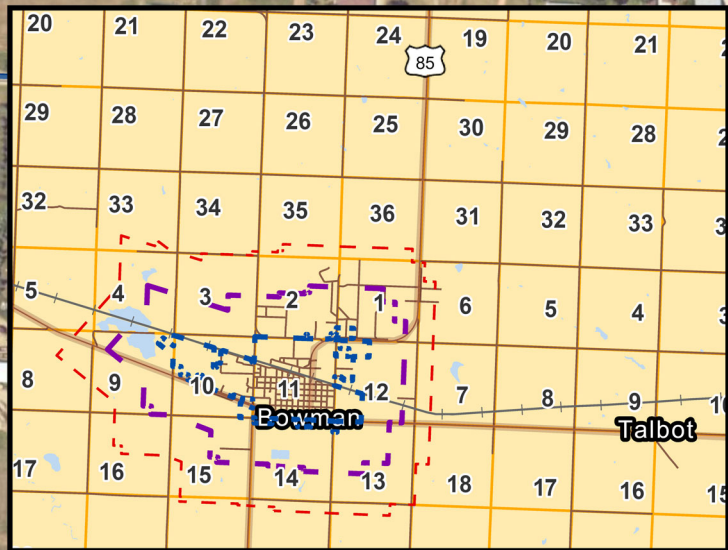


Proposed Water Storage Tank Improvement

1st Ave NW

6th St NE

US Highway 85





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

DWR Date Received :

Date :	4/13/25
Project :	New Water Storage Reservoir
Sponsor :	City of Bowman
Contact :	Peggy Allen, Auditor
Phone :	701-523-3309
Engineer :	Shannon Hewson, Brosz Engineering
Phone :	701-523-3340

Total Cost :	\$ 2,981,000.00	Total Cost-Share* :	\$ 1,788,600.00
Ineligible Cost :	\$ -	Other Eligible :	\$ -
Eligible Cost :	\$ 2,981,000.00	Preconstruction :	\$ 132,000.00
Local Cost :	\$ 1,192,400.00	Construction :	\$ 1,656,600.00

Project Type:	Water Supply - Municipal	Cost-share %	60%
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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%	\$ -

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>								
6	7.4%	Preliminary Design	1	LS	220,000.00	\$ 220,000.00	60%	\$ 132,000.00
7	0.0%		0		-	\$ -	60%	\$ -
8	0.0%		0		-	\$ -	60%	\$ -
9	0.0%		0		-	\$ -	60%	\$ -
10	0.0%		0		-	\$ -	60%	\$ -
	7.4%	<b>Preconstruction Total</b>				\$ 220,000.00	60%	\$ 132,000.00

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Engineering Costs</b>								
11	8.7%	Construction Contract Mgmt.	1	LS	260,000.00	\$ 260,000.00	60%	\$ 156,000.00
12	0.1%	DWR Reimbursement Assistance	1	LS	4,000.00	\$ 4,000.00	60%	\$ 2,400.00
13	0.0%		0		-	\$ -	60%	\$ -
14	0.0%		0		-	\$ -	60%	\$ -
	8.9%	<b>Construction Engineering Total</b>				\$ 264,000.00	60%	\$ 158,400.00

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Construction Costs</b>								
15	5.0%	Mobilization	1	LS	150,000.00	\$ 150,000.00	60%	\$ 90,000.00
16	0.0%	Bonding	0		-	\$ -	60%	\$ -
17	0.0%	Insurance	0		-	\$ -	60%	\$ -
18	1.8%	Erosion Control	1	LS	54,107.00	\$ 54,107.00	60%	\$ 32,464.20
19	5.4%	Earthwork	1	LS	160,493.00	\$ 160,493.00	60%	\$ 96,295.80
20	52.3%	Reservoir & Storage - Concrete (User Enter) gals	600000	GAL	2.60	\$ 1,560,000.00	60%	\$ 936,000.00
21	4.5%	Water Main 10 in	677	LF	200.00	\$ 135,400.00	60%	\$ 81,240.00
22	0.7%	Gate Valve	2	EA	10,000.00	\$ 20,000.00	60%	\$ 12,000.00
23	1.8%	Pipeline Appurtenances	1	LS	52,250.00	\$ 52,250.00	60%	\$ 31,350.00
24	1.7%	Demolition	1	LS	50,000.00	\$ 50,000.00	60%	\$ 30,000.00
25	0.6%	Fencing	710	LF	25.00	\$ 17,750.00	60%	\$ 10,650.00
26	0.4%	Fencing	1140	LF	10.00	\$ 11,400.00	60%	\$ 6,840.00
27	0.7%	Water Main 12 in	102	LF	200.00	\$ 20,400.00	60%	\$ 12,240.00
28	0.5%	Gate Valve	2	EA	7,500.00	\$ 15,000.00	60%	\$ 9,000.00
29	0.4%	Hydrant	1	EA	12,500.00	\$ 12,500.00	60%	\$ 7,500.00
30	0.3%	Other Items Provided By Contractor	82	LF	100.00	\$ 8,200.00	60%	\$ 4,920.00
31	0.1%	Other Items Provided By Contractor	1	EA	2,500.00	\$ 2,500.00	60%	\$ 1,500.00
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%	\$ -
		<b>Construction Sub-Total</b>				\$ 2,270,000.00	60%	\$ 1,362,000.00
	7.6%	<b>Allowable Contingency (10%)</b>				\$ 227,000.00	60%	\$ 136,200.00
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	60%	\$ -
	83.8%	<b>Construction Total</b>				\$ 2,497,000.00	60%	\$ 1,498,200.00

Drain conduit  
Drain Basin

Eligible Preconstruction	\$ 220,000.00	60%	\$ 132,000.00
Eligible Construction	\$ 2,761,000.00	60%	\$ 1,656,600.00
<b>Eligible Total</b>	<b>\$ 2,981,000.00</b>	<b>60%</b>	<b>\$ 1,788,600.00</b>

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<b>Ineligible Preconstruction Costs</b>								
37	0.0%		0		-	\$ -	0%	\$ -
38	0.0%		0		-	\$ -	0%	\$ -
39	0.0%		0		-	\$ -	0%	\$ -
40	0.0%		0		-	\$ -	0%	\$ -
	0.0%	<b>Preconstruction Ineligible Total</b>				\$ -	0%	\$ -

Item	% of Cost	Cost Classification	Quantity	Unit	Unit Price	Total	Cost-Share %	Cost-Share \$
<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%	\$ -

<b>Ineligible Total</b>	\$ -	0%	\$ -
<b>Project Total</b>	<b>\$ 2,981,000.00</b>		

<b>Federal or State Funds That Supplant Costs</b>	\$ -		
<b>Eligible Cost Total</b>	<b>\$ 2,981,000.00</b>	<b>60%</b>	<b>\$ 1,788,600.00</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 Bowman  
**Project Title:** New Water Storage Reservoir

**Date:** 4/14/20206

**Explanation of Alternatives:**

- No Build: Existing storage tanks remain as-is and failures are addressed as they occur risking catastrophic tank failure
- **New Water Storage Reservoir (Preferred):** Replace the existing reservoirs with a single 600,000 gallon tank
- 500,000 Tank Rehabilitation: Decommission 300,000 gallon tank and rehabilitate the 500,000 gallon tank

**Inputs:**

New Connections Served	0	Current CIF Balance	\$100,000
Future Connections Served	0	Annual CIF Contribution	\$100,000
Current Connections Served	870	Cash Funding Target (Percentage %) New Assets	35%
Net Connections (New + Current)	870	Cash Funding Target (Percentage %) Existing Assets	50%
		Annual CIF Contribution suggested for the Project	\$15,800

	No Build	New Water Storage Reservoir (Preferred)	500,000 Tank Rehabilitation	
Construction Cost	\$0	\$2,761,100	\$1,725,000	
Annual O & M	\$200,000	\$5,000	\$100,000	

**Details:**

Current water system is supplied by two buried concrete storage tanks. The east storage tank is a 300,000 gallon constructed in 1947, the west storage tank is a 500,000 gallon tank constructed in 1979.

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	No Build	New Water Storage Reservoir (Preferred)	500,000 Tank Rehabilitation	
Present Value				
Capital Costs	\$0	\$2,761,000	\$1,725,000	
O&M	\$5,069,000	\$121,000	\$2,437,000	
Repair, Rehab, Replacement	\$0	\$427,000	\$400,000	
Salvage Value	\$0	\$9,000	\$8,000	
<b>Total PVC</b>	<b>\$5,069,000</b>	<b>\$3,300,000</b>	<b>\$4,554,000</b>	
<b>PV Cost Per User</b>	<b>\$5,826</b>	<b>\$3,793</b>	<b>\$5,234</b>	
Construction Cost Per User	\$0	\$3,174	\$1,983	
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$35</b>			
<b>Comparable Water Rate</b>	<b>\$61</b>			
Net Connections (New + Current)	870	870	870	
Cost-Share Percent	60%	60%	60%	
	Local Share	\$1,104,400	\$690,000	
	Other Funding	\$0	\$0	
	Total Local	\$1,104,400	\$690,000	
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$6.42</b>	<b>\$4.01</b>	
	Local Share	\$2,761,000	\$1,725,000	
	Other Funding	\$0	\$0	
	Total Local	\$2,761,000	\$1,725,000	
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$16.05</b>	<b>\$10.03</b>	

**Explanation of Results:**

The preferred project replaces the existing water storage tanks with a single 600,000 gallon tank. Present value cost per user is \$3,793 and construction cost per user is \$3,174. The monthly cost with 60% DWR cost-share participation is \$6.42 per user and \$16.05 per user without DWR participation.

	Year		Annual Population Growth	Average Annual Population
	2010	2024	Rate	Increase/Decrease
ND Dept. of Commerce				
Population & Trends	1,650	1,416	-1.0%	-17

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



📍 101 First Street NE

✉️ Box 12 Bowman ND 58623

🌐 [bowmannnd.com/cities](http://bowmannnd.com/cities)

☎️ (701) 523-3309 (701) 523-5716 Fax

April 6, 2026

ND Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58504-5262

RE: City of Bowman – New Water Storage Reservoir

To Whom It May Concern,

The City of Bowman is currently planning a project to replace the existing water tanks with a new water storage reservoir. The City acknowledges that they are applying for a cost share to the DWR. The total cost of the project is estimated at \$2,761,000 with a DWR share of \$1,656,000.

Sincerely,

CITY OF BOWMAN

A handwritten signature in black ink, appearing to read "Lyn James", written over a faint dotted line.

Lyn James, President  
Bowman City Commission

---

City Commission Chairs

*Lyn James*  
President

*Ryan Shear*  
Vice President

*Myron Vail*  
Water Dept.

*Benjamin Schaaf*  
Police Dept.

*Sara Bullis*  
Finance Dept



**CWSRF CERTIFICATION OF COMPLIANCE WITH COST AND EFFECTIVENESS ANALYSIS**  
 DEPARTMENT OF ENVIRONMENTAL QUALITY  
 DIVISION OF MUNICIPAL FACILITIES  
 05-2019

Federal Water Pollution Control Act Section 602(B)(13) of the Water Resources Reform and Development Act of 2014 (WRRDA)

**CWSRF Project No.:** 1022-01

**Loan Recipient:** City of Bowman

**Project:** Bowman Sanitary Sewer Rehabilitation

- 1) The municipality has studied and evaluated the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought.
- 2) To the maximum extent practicable, the municipality has selected a project that maximizes the potential for efficient water use, reuse, and recapture, along with water and energy conservation. Selection also takes into account the cost of:
  - Constructing the project or activity
  - Operating and maintaining the project or activity over its useful life
  - Replacing the project or activity

We certify that the project has completed both requirements (1) and (2) above.

**Professional Engineer**

Print name: PATRICK CARABELLO

Signature: *Patrick Carabello*

Date: 03/27/26

**Loan Recipient Representative**

Print name: Lyn James, President of Bowman City Commission

Signature: *Lyn James*

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

**Minutes of the Regular City Commission Meeting held on April 7, 2026 at City Hall at 4:00 PM.**

**Present:** President Lyn James, Vice-Chair Ryan Shear, Sara Bullis, Myron Vail, Chief Headley, Steve Ness, Todd Hofland, Aaron Allen, Camie Janikowski, Brad Mosher, Navidad Tapia, Peggy Allen, and Stacy McGee. **Absent:** Benji Schaaf

President James called the meeting order at 4:00 pm. James added Invite for Region 8 Meeting. Motion by Shear, second by Bullis to approve the amended agenda. RCV= all aye, MC.

**Direct Deposit:** \$ ; **Checks #14968 – 14995; Voided Checks:** None; **Bills:** A2Z Printing \$211.32, Advanced Business Methods \$239.90, Badlands Patriot \$62.04, Boss Office Products \$64.94, Bowman Ace Hardware \$47.96, Bowman Cemetery Assoc. \$5,782.99, Bowman Park and Rec \$53,419.06, Bowman Sales and Service \$25.63, Bronson's Marketplace \$53.97, Brosz Engineering \$38,310.00, Cenex Fleetcard \$6,133.25, Consolidated Telecom \$1,175.65, Dakota Dust-Tex \$69.05, Dakota Pump and Control \$1,094.50, Morgan Foss \$900.00, Frontier Travel Center \$558.97, Hawkins \$442.34, Jim's Repair \$2,129.70, MDU \$11,360.44, ND Information Technology \$92.80, ND League of Cities \$400.00, NW Tire \$444.51, One Call Concepts \$168.00, Steven Ness \$329.00, Swanston Equipment \$1,118.33, VISA \$1,020.53, Western Frontier Insurance \$1,474.00, and Wild and Weiss Law Office \$200.00.

**Tax and Tourism Checks:** #14996-14997

**Tax and Tourism Bills:** Bowman County Development Corporation \$4,360.85 and Bowman USBC Bowling Association \$1,000.00.

**BROSZ ENGINEERING – JANIKOWSKI:**

**CWSRF Certification of Compliance With Cost and Effective Analysis:** Allen presented the Certification of Compliance with Cost and Effectiveness Analysis form to be signed off by the President of the City Commission. This form states that we have done our best, to the maximum extent practicable, selected a project that maximizes the potential for efficient water use, reuse, and recapture, along with water and energy conservation. Motion by Vail, second by Shear to approve James signing the CWSRF Certification of Compliance with Cost and Effectiveness Analysis. RCV= all aye, MC

**Water Storage Reservoir Cost Share Letter to DWR:** Allen presented the letter acknowledging cost share with DWR on the water storage tanks project with the estimated project cost being \$2,761,000 with DWR's cost share being \$1,656,000.00. Motion by Vail, second by Shear to approve James' signature on the water storage letter regarding cost share with DWR. RCV= all aye, MC.

**HOFLAND – STREET/VECTOR/LANDFILL DEPTS.:**

**Dept. Head Report:** They cleaned up the snow from the last snowstorm. They had a few complaints about the driveways being plowed in.

**NESS -WATER AND SEWER DEPT.:**

**Dept Head Report:** Two weeks ago, the committee interviewed a candidate for the vacant water position and then he did a ride along Ness and showed him the lagoons. Ness felt he was promising and would make a good fit. The candidate is flexible to come when we need him, he is from Nebraska. McGee said his wage would be at entry level. Background checks were done and he is clear. The City Commission was okay with hiring him. Ness will contact the candidate and offer him the job.

**MCGEE – HR DEPT.**

**Identifiable Clothing:** Since there are so many new residents that do not know our local employees, the suggestion was brought up to have the city employees wear identifiable clothing with the City name on them. McGee suggested a grey or maroon t-shirt or sweatshirt, giving each employee 2 or 3 t-shirts and sweatshirts. Shear feels for employee safety, they should all wear hi-vis clothing every day. McGee will look at options and bring it back to the next meeting.

**CHIEF HEADLEY – POLICE DEPT.:**

**Activity Report for 3/16/26 – 4/5/26:** Incidents: 3 (accident, fraud, and theft); Calls for Service: 60 (extra patrol-27, public relations-4, information report-3, agency assistance-3, citizen assist-2, alarm-2, business courtesy/security check-2, motorist assist-2, domestic dispute-2, found property,

lockout, suicidal person, signs and signals, civil standby, traffic hazard, theft-automobile, reckless driver, harassing phone call, violation of City Ordinance, burglary, welfare check, and 911 hang-up); Traffic Stops: 32 (verbal warning-13, citation-13, written warning-5, and no action-1); Arrests: 1 (credit card fraud and impersonation).

**Guardian Score:** Headley will not request to renew the guardian score program as he feels we got our answers on how the public feels.

**ALLEN – GARBAGE DEPT:**

**Dept. Head Report:** The 2017 Freightliner garbage truck had a lower radiator tank crack, Allen went to Dickinson to get one, got back to install it and the radiator was damaged. Another one was ordered and will be delivered on Thursday.

**JAMES:**

**Region 8 Meeting:** James shared invitations with the Commission to attend the Region 8 Meeting. It is in Dickinson on 4/23/26 at 11:00 am at Phat Fish Brewing. It is put together by Roosevelt Custer, requested by legislative leadership. James is the only one that will attend.

**New Bowman Firehall Groundbreaking Ceremony:** The Commission was invited to the new Firehall Groundbreaking Ceremony on Friday at 11:00 am.

**ALLEN – FINANCIAL AUDITOR:**

**TAP Grant:** The TAP Grant Review Committee reached out to Allen wondering if we would accept \$880,000.00 towards our proposed shared use path project instead of the \$1,100,000 that was requested. The Commission said if we could get the project cost down to where it is an 80/20 split like we applied for, then we would be interested in that. Hewson, Janikowski, Allen and Shear will meet with the review committee member on the phone on Wednesday to see if they would allow us to reduce the scope of work and have Brosz Engineering apply for Park and Rec Grant also.

**NDIRF:** Allen inquired if anyone wants to attend the NDIRF Annual meeting or mail the absentee vote for a board member. No one wants to attend the annual meeting. James recommended Nathan Svihovec for the board. Motion by Vail, second by Shear to mail the absentee ballot in and vote for Nathan Svihovec for Director at Large for NDIRF. RCV= all aye, MC.

**Hard of Hearing Devices:** Allen inquired if the Commission would be interested in getting these devices to have for people that are hard of hearing that come to our meetings. Commission would like to see some more options so Allen will bring back options.

**City Hall Roof Update:** Vail and Allen spoke with James Devine regarding changing the scope of work on the roof and Devine suggested not do that as it will not get rid of our water leaking problem. He suggests if we were trying to cut costs, we could use architectural steel shingles like are on the Catholic Church roof. Devine will contact the low bidder for this project and see if they will give us an estimate for these versus what was bid.

**CLOSE OF MEETING:**

**Next Meeting: 4/21/25**

Motion by Shear, second by Bullis to approve the bills and the 3/17/26 meeting minutes. RCV= all aye, MC.

President James adjourned at 4:36 pm.

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Peggy Allen, Financial Auditor

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Lyn James, President of City Commission

# 1088057 - Underwood Water System Improvements 2026-1

## 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:** 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

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### 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](mailto: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\*:** City of Underwood  
**Organization Type\*:** Municipal Government  
**Tax Id:** 45-6002170  
**Organization Website:** [underwoodnd.org](http://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

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### *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\\_PARRReport\\_Signed\\_20230330.pdf](#)**Photos of Problem/Issue:****GIS Files:** Please Compress All Files Into One .zip File.**Other Applicable Document(s):** No

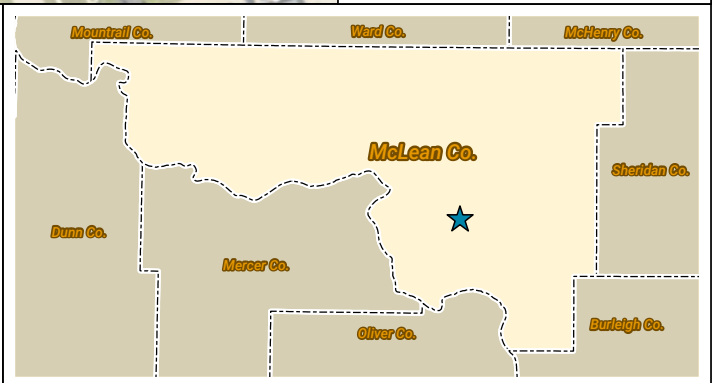
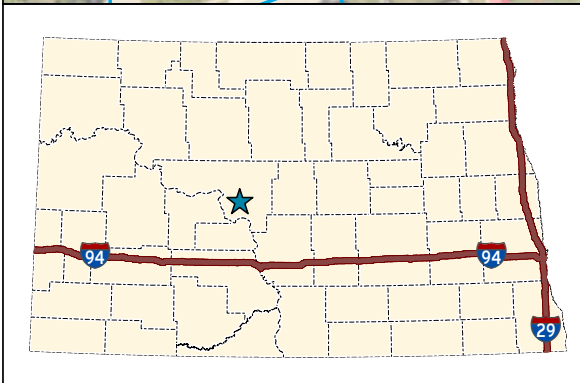
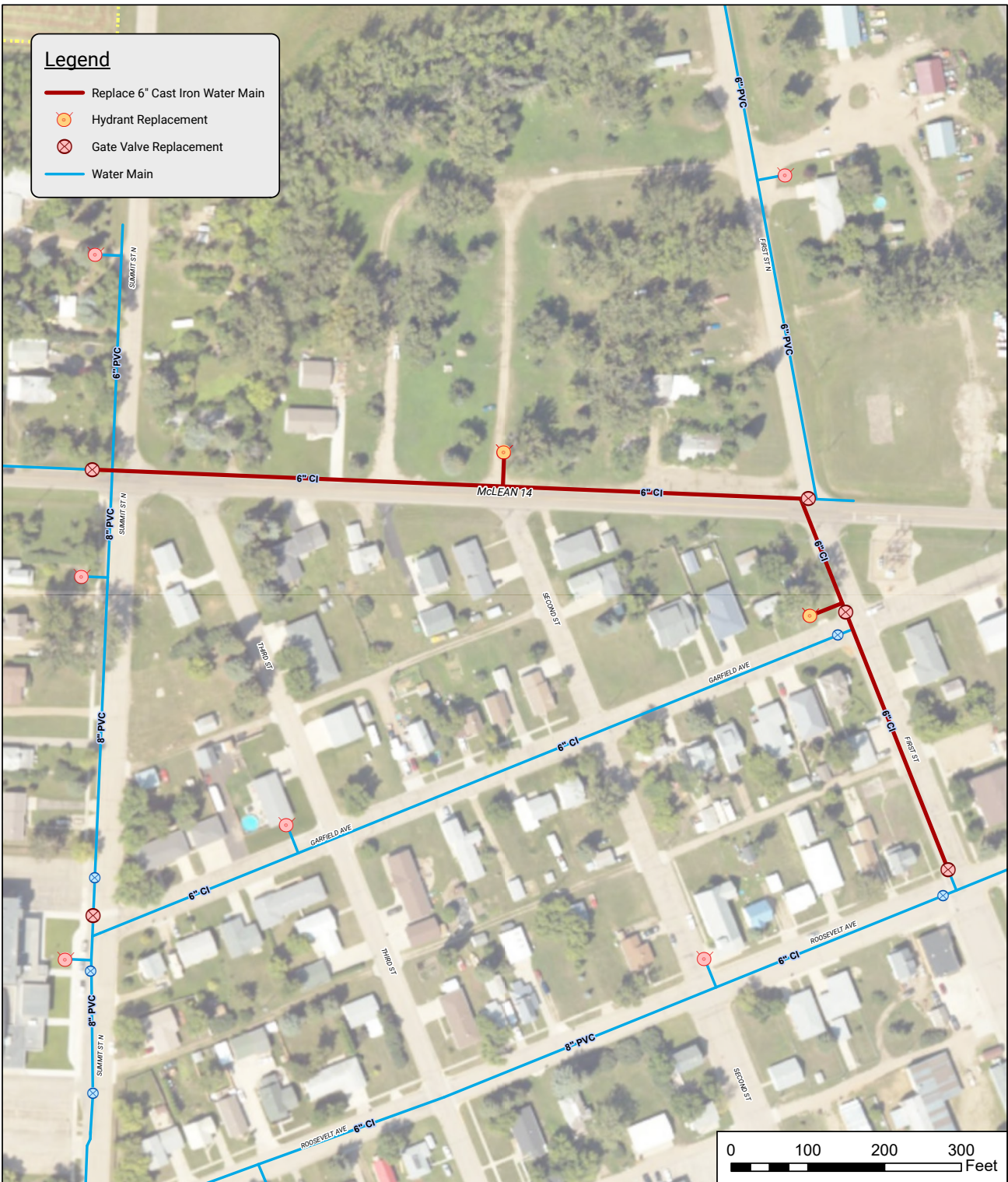
# Sources

**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 Construction Cost Share		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 Pre-Construction Cost Share		Already Approved	\$53,760.00	\$0.00	\$0.00	\$53,760.00		0.00	0.00
			<b>\$1,027,176.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,027,176.00</b>			

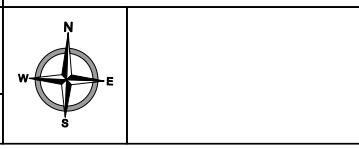
**Legend**

- 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: brook.smith 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\22100\22182A\10\_ArcPro\DWR\_22182A\_Underwood.DWR\_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

<b>Project Type:</b>	<b>Cost-share %</b>
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%	<b>Other Eligible Total</b>				\$ -	60%	\$ -

<b>Preconstruction (Feasibility, Preliminary, Final Design) Engineering Costs</b>								
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%	<b>Preconstruction Total</b>				\$ 89,600.00	60%	\$ 53,760.00

<b>Construction Engineering Costs</b>								
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%	<b>Construction Engineering Total</b>				\$ 102,000.00	60%	\$ 61,200.00

<b>Construction Costs</b>								
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%	\$ -
		<b>Construction Sub-Total</b>				\$ 748,888.00	60%	\$ 449,332.80
	7.3%	<b>Allowable Contingency (10%)</b>				\$ 74,888.80	60%	\$ 44,933.28
	0.0%	<b>Elective Contingency Reduction</b>	0		-	\$ -	60%	\$ -
	80.2%	<b>Construction Total</b>				\$ 823,776.80	60%	\$ 494,266.08

<b>Eligible Preconstruction</b>	\$ 89,600.00	60%	\$ 53,760.00
<b>Eligible Construction</b>	\$ 925,776.80	60%	\$ 555,466.08
<b>Eligible Total</b>	\$ 1,015,376.80	60%	\$ 609,226.08

<b>Ineligible Preconstruction Costs</b>								
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%	<b>Preconstruction Ineligible Total</b>				\$ 9,300.00	0%	\$ -

<b>Ineligible Construction Costs</b>								
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%	<b>Construction Ineligible Total</b>				\$ 2,500.00	0%	\$ -

<b>Ineligible Total</b>	\$ 11,800.00	0%	\$ -
<b>Project Total</b>	\$ 1,027,176.80		

<b>Federal or State Funds That Supplant Costs</b>	\$ -		
<b>Eligible Cost Total</b>	\$ 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.



# 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.

**Water Development Plan: Yes (2025)**  
**Plan Priority: Low**

**K 5**

# 1087599 - Northwest Water & Sewer Replacements

## Application Details

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<b>Funding Opportunity:</b>	1085949-July 2025 - June 2026 Infrastructure Request	<b>Initial Submit Date:</b>	Apr 2, 2026 9:51 AM
<b>Funding Opportunity Due Date:</b>	Jun 30, 2026 3:00 PM	<b>Initially Submitted By:</b>	Justin Ahmann
<b>Program Area:</b>	Funding for Infrastructure in ND - FIND	<b>Last Submit Date:</b>	Last
<b>Status:</b>	Submitted	<b>Last Submitted By:</b>	
<b>Stage:</b>	Final Application		

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name:** Mr. Justin Ahmann  
Salutation First Name Middle Name Last Name

**Title:**

**Email\*:** justin.ahmann@ackerman-estvold.com

**Address\*:** 1919 19th Ave NW

### Organization Information

**Status\*:** Approved

**Name\*:** City of Mohall

**Organization Type\*:** Municipal Government

**Tax Id:** 45-6002130

**Organization Website:** https://mohallndak.com/

**Address\*:** 602 Main Street E, Suite 1

	Minot North Dakota		Mohall North Dakota
	City State/Province		City State/Province
58703		58761-4111	
Postal Code/Zip		Postal Code/Zip	
<b>Phone*:</b>	701-373-5886 Ext.	<b>Phone*:</b>	(701) 756-6464 Ext.
	Phone		###-###-####
	###-###-####	<b>Fax:</b>	###-###-####
<b>Fax:</b>	###-###-####	<b>Vendor ID:</b>	
<b>Comments:</b>		<b>PeopleSoft Supplier ID:</b>	

**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*

<b>Project Name*:</b>	Northwest Water & Sewer Replacements
<b>Sponsor(s)*:</b>	City of Mohall
<b>County*:</b>	Renville
<b>City*:</b>	Mohall
<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 Mohall

**Jurisdictions/Stakeholders Involved\*:**

City of Mohall

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

The City has many water mains that are 80+ years old. There have been an increasing number of water breaks in the old portions of town. The water mains are mostly 4" and some 6" lines, so there is also limited flow for use by residents and limitations on future growth.

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

The City is proposing to replace the old 4" and 6" ACP water lines with 6" and 8" PVC lines for 12 city blocks, and 1 block added of water looping.

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

The objectives of this project are to replace the aging water and sewer lines and upgrade with larger water lines capable of meeting current demands and allowing for City growth in the future.

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

The existing ACP water mains will be abandoned and new PVC water mains will be installed parallel next to the existing lines. The water services will be replaced to the curb stop and reconnected to the new water main. Hydrants will be replaced within the project area if they have not been replaced recently. Gate valves will be installed to optimally operate the water system. The roadway will be replaced in the area of the water line trench.

**For this project,**

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

<b>What is the Current Estimated Population?*</b>	694
<b>For this project, What is the Benefited Population?*</b>	155
<b>Have Assessment Districts Been Formed?*</b>	Ongoing
<b>Have Land or Easements Been Acquired?*</b>	N/A
<b>Are There Any Properties with Wells, Drain Fields, or Holding Tanks Within the Project Area That Will Benefit from the Project?*</b>	No
<b>Are There Any Road Improvements Included as Part of the Project?*</b>	Yes
<b>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.:</b>	
<p>The water and sewer mains are 80+ years old and nearing the end of their useful life. Water breaks have been occurring regularly, so pipe conditions are poor. In other portions of town, the water mains were upgraded in 2020. The last sewer improvements were made in 2012. The last storm sewer improvements were made in 2010.</p>	
<b>Have You Applied For Any Federal Permits?*</b>	No
<b>Have You Applied for any State Permits?*</b>	No
<b>Have You Applied for any Local Permits?*</b>	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:**

DWSRF - \$1,149,766, application ongoing  
 CWSRF - \$1,369,937, application ongoing

**Federal Funding Contact:** Shannon Fisher  
 First Name Last Name

**Federal Funding Contact Number:** 701-328-5220

**Federal Funding Email:** smfisher@nd.gov

**Implementation Timelines**

Enter Start Date, Estimated Start Date or Not Applicable.

**Study Completion\*:** 09/04/2026

**Design Completion\*:** 12/14/2026

**Bid\*:** 01/29/2027

**Construction Start\*:** 05/10/2027

**Construction Completion\*:** 11/01/2027

**Explain Additional Timeline Issues\*:**

none.

**Consulting Engineer\*:** Justin Ahmann, Ackerman-Estvold

**Engineer Direct Phone Number\*:** 701-857-9133

**Engineer Email\*:** justin.ahmann@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.\*:**

**Authorized Individual\*:** Cheryl Overby 04/02/2026  
First Name Last Name Date

**Title/Position/Authority\*:** City Auditor

**Address\*:** 602 Main St. East, Suite 1  
Address Line 1  
Address Line 2

Mohall North Dakota 58761-4111  
City State Zip Code

**Direct Phone Number\*:** 701-756-6464

**Sponsor Email\*:** cityhall@srt.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:** Thomas Witteman  
 First Name Last Name

**Authorized Signor Title/Position:** Mayor

**Authorized Signor Email:** cityhall@srt.com

**Authorized Signor Direct Phone Number:** 701-240-5226

**Provide the Name for One Additional Board Member, if Applicable:** Richard Haman  
 First Name Last Name

**Additional Board Member Title/Position:** Council President

**Additional Board Member Email:** cityhall@srt.com

**Additional Board Member Direct Phone Number:** 701-240-8666

## 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** Mohall\_NWWS\_OverviewMap.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:** Mohall City Council Meeting Minutes Mar 9 2026.pdf

**Cover Letter:** Mohall\_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:** Mohall\_sfn\_61801\_delineation\_of\_cost.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:** Mohall\_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):**

## Sources

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

Source	If Other, Specify Funding Source	Status	State Fiscal			Beyond Current Biennium	Total Cost	Type	Term	Interest Rate
			Year 1 July to June	Year 2 July to June						
Department of Water Resources		Current Request	\$10,000.00	\$80,000.00		\$0.00	\$90,000.00	Grant	0.00	0.00

Cost Share  
Pre-  
Construction  
Department  
of Water  
Resources  
Cost Share  
Construction

Future \$0.00 \$300,000.00 \$959,402.00 \$1,259,402.00 Grant 0.00 0.00  
Request

Drinking  
Water State  
Revolving  
Fund

Future \$20,000.00 \$260,000.00 \$832,306.00 \$1,112,306.00 Loan 30.00 2.00  
Request

Drinking  
Water State  
Revolving  
Fund

Future \$0.00 \$0.00 \$37,460.00 \$37,460.00 Grant 0.00 0.00  
Request

Clean Water  
State  
Revolving  
Fund

Future \$10,000.00 \$80,000.00 \$1,279,937.00 \$1,369,937.00 Loan 30.00 2.00  
Request

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**\$40,000.00 \$720,000.00 \$3,109,105.00 \$3,869,105.00**

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

DWR Date Received : April 02, 2026

Date :	4/2/26
Project :	Northwest Water & Sewer Replacements
Sponsor :	City of Mohall
Contact :	Cheryl Overby, City Auditor
Phone :	701-756-6464
Engineer :	Justin Ahmann, Ackerman-Estvold
Phone :	701-837-8737

Total Cost :	\$ 3,869,105.20	Total Cost-Share* :	\$ 1,349,402.52
Ineligible Cost :	\$ 1,620,101.00	Other Eligible :	\$ -
Eligible Cost :	\$ 2,249,004.20	Preconstruction :	\$ 90,000.00
Local Cost :	\$ 2,519,702.68	Construction :	\$ 1,259,402.52

Project Type:	Water Supply - Municipal	Cost-share %	60%
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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	0.9%	Preliminary Design	1	LS	34,000.00	\$ 34,000.00	60%	\$ 20,400.00	
7	2.2%	Final Design	1	LS	86,750.00	\$ 86,750.00	60%	\$ 52,050.00	
8	0.1%	Bidding/Negotiations	1	LS	3,250.00	\$ 3,250.00	60%	\$ 1,950.00	
9	0.7%	Survey (Topographic)	1	LS	26,000.00	\$ 26,000.00	60%	\$ 15,600.00	
10	0.0%		0		-	\$ -	60%	\$ -	
	3.9%	<b>Preconstruction Total</b>				\$ 150,000.00	60%	\$ 90,000.00	
<b>Construction Engineering Costs</b>									
11	2.7%	Construction Observation	1	LS	106,000.00	\$ 106,000.00	60%	\$ 63,600.00	
12	0.8%	Construction Contract Mgmt.	1	LS	30,000.00	\$ 30,000.00	60%	\$ 18,000.00	
13	0.4%	Construction Staking	1	LS	14,000.00	\$ 14,000.00	60%	\$ 8,400.00	
14	0.0%		0		-	\$ -	60%	\$ -	
	3.9%	<b>Construction Engineering Total</b>				\$ 150,000.00	60%	\$ 90,000.00	
<b>Construction Costs</b>									
15	2.9%	Mobilization	1	LS	110,750.00	\$ 110,750.00	60%	\$ 66,450.00	
16	0.9%	Bonding	1	LS	34,000.00	\$ 34,000.00	60%	\$ 20,400.00	
17	0.9%	Insurance	1	LS	34,000.00	\$ 34,000.00	60%	\$ 20,400.00	
18	1.0%	Traffic Control	1	LS	39,000.00	\$ 39,000.00	60%	\$ 23,400.00	
19	0.3%	Erosion Control	1	LS	13,000.00	\$ 13,000.00	60%	\$ 7,800.00	
20	1.0%	Other (Temporary Water)	1	LS	40,000.00	\$ 40,000.00	60%	\$ 24,000.00	
21	0.7%	Connection to Existing Line	11	EA	2,400.00	\$ 26,400.00	60%	\$ 15,840.00	
22	11.2%	Water Main 6 in	3600	LF	120.00	\$ 432,000.00	60%	\$ 259,200.00	
23	5.0%	Water Main 8 in	1580	LF	122.00	\$ 192,760.00	60%	\$ 115,656.00	
24	2.9%	Gate Valve	28	EA	4,029.00	\$ 112,812.00	60%	\$ 67,687.20	
25	1.0%	Fittings	20	EA	2,000.00	\$ 40,000.00	60%	\$ 24,000.00	
26	1.2%	Hydrant	7	EA	6,500.00	\$ 45,500.00	60%	\$ 27,300.00	
27	2.9%	Water Service Line	62	EA	1,800.00	\$ 111,600.00	60%	\$ 66,960.00	
28	0.1%	Other (Remove Water Main)	60	LF	50.00	\$ 3,000.00	60%	\$ 1,800.00	
29	12.6%	Road Repair	1	LS	488,240.00	\$ 488,240.00	60%	\$ 292,944.00	
30	0.6%	Seeding - Right-of-Way	11380	SF	2.00	\$ 22,760.00	60%	\$ 13,656.00	
31	0.7%	Other (Materials Testing)	1	LS	26,000.00	\$ 26,000.00	60%	\$ 15,600.00	
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%	\$ -	
		<b>Construction Sub-Total</b>				\$ 1,771,822.00	60%	\$ 1,063,093.20	
	4.6%	<b>Allowable Contingency (10%)</b>				\$ 177,182.20	60%	\$ 106,309.32	
	0.0%	<b>Elective Contingency Reduction</b>	0			\$ -	60%	\$ -	
	50.4%	<b>Construction Total</b>				\$ 1,949,004.20	60%	\$ 1,169,402.52	
						Eligible Preconstruction	\$ 150,000.00	60%	\$ 90,000.00
						Eligible Construction	\$ 2,099,004.20	60%	\$ 1,259,402.52
						<b>Eligible Total</b>	\$ 2,249,004.20	60%	\$ 1,349,402.52
<b>Ineligible Preconstruction Costs</b>									
37	1.8%	Other Preconstr. Eng. (Not Water Related)	1	LS	70,000.00	\$ 70,000.00	0%	\$ -	
38	0.5%	Funding Assistance Labor	1	LS	20,000.00	\$ 20,000.00	0%	\$ -	
39	0.0%		0		-	\$ -	0%	\$ -	
40	0.0%		0		-	\$ -	0%	\$ -	
	2.3%	<b>Preconstruction Ineligible Total</b>				\$ 90,000.00	0%	\$ -	
<b>Ineligible Construction Costs</b>									
41	1.8%	Other Constr. Eng. (Not Water Related)	1	LS	70,000.00	\$ 70,000.00	0%	\$ -	
42	2.9%	Mobilization, Bonding, Insurance (Not Water Rela	1	LS	110,687.00	\$ 110,687.00	0%	\$ -	
43	23.0%	Other Constr. (Not Water Related)	1	LS	888,310.00	\$ 888,310.00	0%	\$ -	
44	11.9%	Other Road Costs (Not Water Related)	1	LS	461,104.00	\$ 461,104.00	0%	\$ -	
	39.5%	<b>Construction Ineligible Total</b>				\$ 1,530,101.00	0%	\$ -	
						<b>Ineligible Total</b>	\$ 1,620,101.00	0%	\$ -
						<b>Project Total</b>	\$ 3,869,105.20		
						<b>Federal or State Funds That Supplant Costs</b>	\$ -		
						<b>Eligible Cost Total</b>	\$ 2,249,004.20	60%	\$ 1,349,402.52

\* 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 Mohall  
**Project Title:** Northwest Water & Sewer Replacements  
**Date:** April 21, 2026

**Explanation of Alternatives:**

-Do Nothing: Existing system is maintained as-is and water breaks are addressed as they occur resulting in unplanned losses of water service to Northwest Mohall users. Low flow during periods of peak use is not addressed and growth in the area is restricted.  
 -Installation of Water Mains over Years: New PVC water mains installed to replace the old ACP mains for 3 blocks each year over the next 4 years. The ACP pipe is abandoned where possible. Project is combined with a sanitary and storm sewer project.  
 -Installation of Water Mains – Full Scope: Combined water, sanitary and storm sewer project.  
 - **Installation of Water Mains – Eligible Costs Only (Preferred):** New PVC water mains installed to replace the old ACP mains for 12 blocks. The ACP pipe is abandoned where possible. This is a combined water, sanitary and storm sewer project.

**Inputs:**

New Connections Served	0	Current CIF Balance	NA
Future Connections Served	0	Annual CIF Contribution	NA
Current Connections Served	400	Cash Funding Target (Percentage %) New Assets	NA
Net Connections (New + Current)	400	Cash Funding Target (Percentage %) Existing Assets	NA
		Annual CIF Contribution suggested for the Project	NA

	Do Nothing	Installation of Water Mains over Years	Installation of Water Mains - Full Scope	Installation of Water Mains - Eligible Costs Only
Construction Cost	\$0	\$4,450,900	\$3,869,200	\$2,253,100
Annual O & M	\$60,500	\$40,500	\$500	\$500

**LCCA Model Results:**

Scenario Analysis - Present Value Life Cycle Cost Summary

	Do Nothing	Installation of Water Mains over Years	Installation of Water Mains - Full Scope	Installation of Water Mains - Eligible Costs Only
<b>Present Value</b>				
Capital Costs	\$0	\$4,246,000	\$3,869,000	\$2,253,000
O&M	\$1,534,000	\$873,000	\$12,000	\$12,000
Repair, Rehab, Replacement	\$0	\$932,000	\$828,000	\$89,000
Salvage Value	\$0	\$394,000	\$334,000	\$144,000
<b>Total PVC</b>	<b>\$1,534,000</b>	<b>\$5,657,000</b>	<b>\$4,376,000</b>	<b>\$2,210,000</b>
<b>PV Cost Per User</b>	<b>\$3,835</b>	<b>\$14,143</b>	<b>\$10,940</b>	<b>\$5,525</b>
Construction Cost Per User	\$0	\$11,127	\$9,673	\$5,633
<b>Current Water Rate (Cost Per 5000g)</b>	<b>\$62</b>			
<b>Comparable Water Rate</b>	<b>\$61</b>			
Net Connections (New + Current)	400	400	400	400
Cost-Share Percent	60%	60%	60%	60%
Local Share	\$0	\$1,698,400	\$1,547,600	\$901,200
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$1,698,400	\$1,547,600	\$901,200
<b>Payment Per User With Cost-Share</b>	<b>\$0.00</b>	<b>\$21.48</b>	<b>\$19.57</b>	<b>\$11.40</b>
Local Share	\$0	\$4,246,000	\$3,869,000	\$2,253,000
Other Funding	\$0	\$0	\$0	\$0
Total Local	\$0	\$4,246,000	\$3,869,000	\$2,253,000
<b>Payment Per User Without Cost-Share</b>	<b>\$0.00</b>	<b>\$53.70</b>	<b>\$48.93</b>	<b>\$28.49</b>

**Explanation of Results:**

The preferred project replaces the existing ACP mains for the entire 12 block project as a part of a combined water, sanitary, and storm sewer project. Present value cost per user is \$5,525 and construction cost per user is \$5,633. The monthly cost with 60% DWR cost-share participation is \$11.40 per user and \$28.49 per user without DWR participation.

	Year		Annual Population Growth Rate	Average Annual Population Increase/Decrease
	2010	2024		
ND Dept. of Commerce	783	718	-0.6%	-5

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 Mohall

602 MAIN STREET EAST, SUITE 1, MOHALL ND 58761 PHONE: 701.756.6464

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Tom Witteman, Mayor

Council Members: Rick Haman, Mike Duckett, Dana McIntyre, Mike Lamb, Alex Cook and John Nilsen

City Auditor: Cheryl Overby

Assistant Auditor: Jill Baska

Public Works: Chad Hassan

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March 26, 2026

Cost Share Program Administrator  
North Dakota Department of Water Resources  
1200 Memorial Highway  
Bismarck, ND 58505

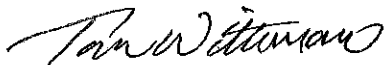
RE: Mohall Northwest Water & Sewer Replacements

The City of Mohall has proposed the installation of new water mains in 12 blocks of the city to replace the old ACP water mains that will be abandoned. The pipes will be upgraded in size to meet current state standards, increase distribution capacity, and allow for future growth in the northwest portion of town. This project will be completed at the same time as sanitary sewer and storm sewer upgrades within this neighborhood.

Mohall is requesting 60% cost share assistance from the North Dakota Department of Water Resources for pre-construction of the municipal water supply project. Upon completion of plans, Mohall will submit a funding request for construction.

City of Mohall 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 project engineer, Justin Ahmann, with any questions.

Respectfully,



Tom Witteman  
Mayor  
City of Mohall

REGULAR MEETING OF THE MOHALL CITY COUNCIL  
THE MOHALL PLAZA CONFERENCE ROOM/SOLARIUM

3/9/2026  
7:00 P.M.

The meeting was called to order with Mayor Witteman presiding at 7:00 PM. Roll call was taken.

PRESENT: Mayor Tom Witteman, Council Members John Nilsen, Mike Lamb, Alex Cook, Mike Duckett and Rick Haman. ABSENT: Dana McIntyre.  
OTHERS IN ATTENDANCE: Chad Hassan and Justin Ahmann.

Recited the Pledge of Allegiance.

Moved by Haman and seconded by Lamb to approve the minutes of the Regular Council Meeting on February 9th, 2026. All voted "aye". None voted "nay". Motion carried.

Moved by Nilsen and seconded by Cook to add the CD maturity and renewal at Dakota West Credit Union to the agenda. All voted "aye". None voted "nay". Motion carried.

No Public Comment requests.

Certificate of Deposit (CD) Renewal: There are three CD's that will mature at Dakota West Credit Union before the April City Council meeting. Moved by Haman and seconded by Lamb to renew the three CD's at Dakota West Credit Union for a 13-month term at 3.40% interest or the best rate at the time of maturity for 13-months. All voted "aye". None voted "nay". Motion carried.

Mayor Witteman reported on general business of the city: Mayor Witteman reported that the city experienced another water main breaks on March 6 & 7. Described how the portion of town affected was isolated and repairs were made as soon as they could. Discussed the recent water breaks, the reasons and prevention. He also indicated that AAA Heating worked on the SE wing heating system at the Mohall Plaza.

Reviewed and discussed the February Sheriff's report.

Salary Review Committee report: The Salary Review Committee received a resignation letter from Chris Copeland, Public Works Department, with his final day being February 27, 2026. The committee has already advertised the position and has begun receiving applications, with the position posted as open until filled. This was brought before the council for formal acknowledgement and direction moving forward. Moved by Haman and seconded by Duckett to acknowledge the resignation of Chris Copeland from the Public Works Department, with his final day of employment being February 27, 2026, and authorize the Salary Review Committee

to continue to accept applications and bring a hiring recommendation to the Council. All voted "aye". None voted "nay". Motion carried.

Public Works Certification Stipend Policy: The Salary Review Committee recommended the city provide a certification stipend for Public Works employees who hold and maintain the certifications required for operation of the City's water and wastewater system. The Certification stipend was recommended to be \$100 per month for the ND Class 1 Water Operator certification and \$100 per month for a ND Class 1 Wastewater Operator certification. The stipend will begin with the first full pay period following the council approval. The stipend will be paid through the city's regular payroll and be prorated per pay period. Employees receiving the stipend are responsible for maintaining the certification in good standing. Moved by Cook and seconded by Lamb to accept the Salary Review Committee recommendation for the stipend for the certified Public Works employee. All voted "aye". None voted "nay". Motion carried.

Hiring Process Authorization for the Public Works Department: The Salary Review Committee recommended that the City Council ratify the Salary Review Committee's action to advertise the position following the resignation of Chris Copeland, Public Works Dept., and authorize the Salary Review Committee to continue accepting applications and conduct interviews for the position, with the position remaining open until filled. The committee will bring a hiring recommendation to the City Council for approval, and the start date of the successful candidate will be determined by the Mayor and the Salary Review Committee. Moved by Duckett and seconded by Lamb to accept the recommendation of the committee's action to advertise the position, conduct interviews and bring a hiring recommendation to the council, with the start date of the successful candidate to be determined by the Mayor and committee. All voted "aye". None voted "nay". Motion carried.

Discussed Ordinance No. 2026-01, Floodplain Management. Moved by Lamb and seconded by Nilsen to approve the Second Reading of Ordinance 2026-01, Floodplain Management. By roll call vote: Council Members Nilsen, Lamb, Cook, Duckett and Haman voted "aye". None voted "nay". Motion carried.

Mohall Plaza Sprinkler Riser Repair: Discussed the proposal provided by Nova Fire Protection. No action was taken at this time.

Designated Emergency Fund use: Moved by Haman and seconded by Nilsen to designate the two recent water breaks as an emergency and allow the Emergency Fund to be used to help pay for the repairs. All voted "aye". None voted "nay". Motion carried.

First District Health Unit Campground Inspection: Moved by Lamb and seconded by Cook to continue to have the FDHU inspect the campgrounds. All voted "aye". None voted "nay". Motion carried.

Building Committee/Millennium Building: 8:00 pm Bid Opening. Moved by Cook and seconded by Duckett to allow Mayor Witteman to open the one submitted bid for the Millennium Building. All voted "aye". None voted "nay". Motion carried. Bid was open and submitted by Steve Hendershot for \$5000.00. No action was taken on the bid submitted.

Public Works Report: Chad reported that ND Rural Water has us on their schedule to start the sewer testing in late April if weather permits. Discussed the process of looking for a dump truck. Discussed the need to get continuing ed credits for the operator certifications. Discussed general Public Works business.

Justin Ahmann, Ackerman-Estvold Engineering, report on general engineering business in the city. Justin addressed the cost share, DWSRF and the CWSRF applications and process. Discussed in length the Northwest Mohall Infrastructure Water, Sewer and Storm Sewer project. Justin informed the Council of the funding options and the specifics of the discussed project and provided the Engineer Contract for this project. Talked about adding sewer replacement to the six streets that were not mentioned on the plan and the need to continue the discussion of the project due to the probability of the water breaks in the area. After discussion, it was moved by Nilsen and seconded by Lamb to allow Mayor Witteman to sign the Engineer Agreement for the Northwest Mohall Infrastructure Water, Sewer and Storm Sewer project. By roll call vote: Council Members Nilsen, Lamb, Cook, Duckett and Haman voted "aye". None voted "nay". Motion carried. Discussed the funding options for this type of project. Moved by Nilsen and seconded by Lamb to allow Justin to complete and submit the Department of Water Resources Cost Share application, the DWSRF application and the CWSRF application for the Northwest Mohall Infrastructure Water, Sewer and Storm Sewer project. By roll call vote: Council Members Nilsen, Lamb, Cook, Duckett and Haman voted "aye". None voted "nay". Motion carried.

Moved by Cook and seconded by Duckett to approve the February Financial Statements for the City, Sales Tax Fund, and Airport. All voted "aye". None voted "nay". Motion carried.

Moved by Cook and seconded by Duckett to pay the approved bills. By roll call vote: Council Members Nilsen, Lamb, Cook, Duckett and Haman voted "aye". None voted "nay". Motion carried.

EXISTING		PROPOSED	
<i>Current Definition</i>	<i>Eligibility:</i>	<i>Proposed Definition</i>	<i>Eligibility:</i>
<b>Deferred Maintenance:</b> No Current Definition	Not Eligible	<b>Deferred Maintenance:</b> Maintenance and repairs that were not performed when they should have been or were put off or delayed for a future period.	Not Eligible
<b>Extraordinary Maintenance:</b> Includes the repair or replacement of portions of facilities or components that are above and beyond regular or normal maintenance.	Limited Eligibility	<b>Extraordinary Maintenance:</b> 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).	Not Eligible
<b>Improvements:</b> Construction related projects that upgrade a facility or system to provide increased efficiency, capacity, or redundancy. Improvements do not include activities that are maintenance or replacements.	Eligible	<b>Improvements:</b> No Change	Eligible
<b>Operation and Regular Maintenance:</b> Include processes, inputs, repairs, and general upkeep of components and facilities to support proper operation and function. These items may occur on a regular or annual basis, but not in all cases. Regular maintenance activities simply help ensure the asset will remain serviceable throughout its originally predicted useful life.	Not Eligible	<b>Operation and Regular Maintenance:</b> Include processes, inputs, repairs, <u>preventative measures</u> , and general upkeep of components and facilities to support proper operation and function. These items may occur on a regular or annual basis, <del>but not in all cases</del> . Regular maintenance activities help ensure <del>the asset will</del> assets remain serviceable throughout <del>its originally predicted</del> their useful life.	Not Eligible
<b>Regionalization:</b> New water supply connections between communities and rural or regional water systems that result in reduced costs through economies of scale.	Eligible	<b>Regionalization:</b> No change. Definition moved from Prioritization Guidance to Policy definitions.	Eligible
<b>Replacements:</b> Installing components similar to what currently exists with the intention of preserving existing service levels.	Eligible	<b>Replacements:</b> Installing <u>parts, systems, or</u> components similar to what currently exists with the intention of <u>preserving or enhancing existing</u> service levels.	Eligible

# SWC PROJECT PRIORITIZATION GUIDANCE

Projects submitted during the project planning inventory process<sup>1</sup> that meet SWC cost-share eligibility requirements will be considered for prioritization. In the interest of strategically investing in the state's highest water development priorities, the Water Commission will give funding preference to projects designated as high or moderate priorities for the first 6 months of each budget cycle. ~~Sponsors who are able to accept reduced SWC cost share of 10% or more of the maximum allowable amount can be moved up one priority designation level.~~

## ESSENTIAL PROJECTS (No Priority Ranking)

Agency operational expenses.

~~An imminent water supply loss to an existing multi-user system,~~ **Governor declared emergency response efforts, including, but not limited to** an immediate flood or dam related threat to human life or primary residences, ~~or emergency response efforts.~~

Existing agency debt obligations.

SWC project mitigation.

**Low head dam removal or roller effect mitigation.**

## HIGH PRIORITY PROJECTS

~~Federally authorized water supply or flood control projects.~~

**High hazard dam safety improvements.**

~~Mitigation of low head dam roller effects.~~

**Regionalization of**

~~New water supply connections between communities and rural or regional water systems that result in reduced costs through economies of scale.~~

**Expansions of water supply systems into new service areas (including industrial water users).**

~~Corrects a violation of a primary drinking water standard under the Safe Drinking Water Act.~~

**Irrigation supply systems and agricultural assessment drains**

~~Addresses covered or anticipated water supply shortages for domestic use in a service area or city with rapid population growth.~~

Protects primary residences or businesses from flooding in population centers or involves flood-related property acquisitions.

## MODERATE PRIORITY PROJECTS

**Medium & low hazard dam safety improvements**

~~Dam safety repairs~~ and emergency action plans.

~~Expansion of an existing water supply system (including to industrial water users).~~

Levee system accreditations, ~~or water retention.~~

~~Irrigation system construction.~~

~~New~~ rural flood control projects, **(non-assessment drains), or water retention**

Bank stabilization.

Snagging and clearing in population centers or specific critical infrastructure locations.

~~Main Street Initiative related projects.~~

## LOW PRIORITY PROJECTS

Studies, reports, analyses, surveys, models, evaluations, mapping projects, or engineering designs.<sup>11</sup>

Improvement ~~or extraordinary maintenance~~ of a water supply system.

~~Improvement or extraordinary maintenance of rural flood control projects.~~

Recreation projects.

Individual rural and farmstead ring dike constructions.

Replacement of existing infrastructure.

Snagging and clearing in sparsely populated areas.

### Footnotes

1. All local sponsors are encouraged to submit project financial needs during the budgeting process. Projects not submitted as part of the project information collection effort may be held until action can be taken on those that were included during budgeting, unless determined to be an emergency that directly impacts human health and safety or that are a direct result of a natural disaster.

11. May be considered as a higher priority if the related project is of higher priority.

### Disclaimer

*This process is meant to provide guidance for prioritizing water projects during the budgeting process that may be eligible for cost-share assistance through the Department of Water Resources. Interpretation and deviations from the process are within the discretion of the state as authorized by the State Water Commission or Legislature.*

DRAFT WATER COMMISSIONER MEETING SCHEDULE

# 2027

January						
S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

February						
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28						

March						
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28	29	30	31			

April						
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25	26	27	28	29	30	

May						
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23	24	25	26	27	28	29
30	31					

June						
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27	28	29	30			

July						
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25	26	27	28	29	30	31





August						
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22	23	24	25	26	27	28
29	30	31				

September						
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26	27	28	29	30		

October						
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24	25	26	27	28	29	30
31						

November						
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14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

December						
S	M	T	W	T	F	S
			1	2	3	4
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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

-  SWC Meeting
-  Pre-SWC Meeting
-  Applications Due
-  (Odd Years) Special Remote Meeting or (Even Years) Joint WTOC/SWC Meeting Includes Large Project Updates

**NOTE:** DWR updates could be presented in June & December. SWC update materials could also be provided in March, May, & Sept. packets with an agenda item for discussion if needed.