

Outdoor Heritage Fund Grant Application

The purpose of the North Dakota Outdoor Heritage Fund is to provide funding to state agencies, tribal governments, political subdivisions, and nonprofit organizations to:

Directive A. Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;

Directive B. Improve, maintain, and restore water quality, soil conditions, plant diversity, animal systems and to support other practices of stewardship to enhance farming and ranching;

Directive C. Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands; and

Directive D. Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

Exemptions

Outdoor Heritage Fund grants may not be used to finance the following:

- A. Litigation;
- B. Lobbying activities;
- C. Any activity that would interfere, disrupt, or prevent activities associated with surface coal mining operations; sand, gravel, or scoria extraction activities; oil and gas operations; or other energy facility or infrastructure development;
- D. The acquisition of land or to encumber any land for a term longer than twenty years; or
- E. Projects outside this state or projects that are beyond the scope of defined activities that fulfill the purposes of Chapter 54-17.8 of the North Dakota Century Code.

Application Deadline

Applications for the first grant round cycle are due on **December 2, 2013 at 5:00 p.m. CST.** All information, including attachments, must be submitted by that date. See instructions below for submission information.

Instructions

It is our intent to have this form available on line. However, until that on-line form is available we are asking that you submit your application as a Word document. Please download this Word document (available on the Industrial Commission/Outdoor Heritage Fund Program website at <http://www.nd.gov/ndic/outdoor-infopage.htm>) to your computer and provide the information as requested. You are not limited to the spacing provided except in those instances where there is a limit on the number of words. After completing the application, save it and attach it to an e-mail and send it to outdoorheritage@nd.gov .Then submit the Word document as noted in the following paragraph.

Attachments in support of your application may be sent by mail to North Dakota Industrial Commission, ATTN: Outdoor Heritage Fund Program, State Capitol – Fourteenth Floor, 600 East Boulevard Ave. Dept. 405, Bismarck, ND 58505 or by e-mail to outdoorheritage@nd.gov . The application and all attachments must be received or postmarked by the application deadline. You will be sent a confirmation by e-mail of receipt of your application.

You may submit your application at any time prior to the application deadline. Early submission is appreciated and encouraged to allow adequate time to review your application and ensure that all required information has been included. Incomplete applications may not be considered for funding. **Any item noted with an * is required.**

Oral Presentation. Please note that you will be given an opportunity to make a ten-minute Oral Presentation at a meeting of the Outdoor Heritage Fund Advisory Board tentatively scheduled for the week of January 13, 2014. These presentations are strongly encouraged.

Open Record. Please note that your application and any attachments will be open records as defined by law and will be posted on the Industrial Commission/Outdoor Heritage Fund website.

Name of Organization: Eddy County Water Resource District

Federal Tax ID#: 45-6002210

Contact Person/Title: Travis S. Peterson, secretary/treasurer

Address: PO Box 231

City: New Rockford

State: North Dakota

Zip Code: 58356

E-mail Address: travis@petersonlawofficespc.com

Web Site Address (Optional)

Phone: 701-947-2442

Fax #: 701-947-2443

List names of co-applicants if this is a joint proposal

MAJOR Directive: (select the Directive that best describes your grant request)*

Choose only one response

- Directive A.** Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;
- Directive B.** Improve, maintain, and restore water quality, soil conditions, plant diversity, animal systems and to support other practices of stewardship to enhance farming and ranching;
- Directive C.** Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands; and
- Directive D.** Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

Additional Directive: (select the directives that also apply to the grant application purpose)*

Choose all that apply

- Directive A.** Provide access to private and public lands for sportsmen, including projects that create fish and wildlife habitat and provide access for sportsmen;
- Directive B.** Improve, maintain, and restore water quality, soil conditions, plant diversity, animal systems and to support other practices of stewardship to enhance farming and ranching;
- Directive C.** Develop, enhance, conserve, and restore wildlife and fish habitat on private and public lands; and
- Directive D.** Conserve natural areas for recreation through the establishment and development of parks and other recreation areas.

Type of organization: (select the category that describes your organization)*

- State Agency
- Political Subdivision
- Tribal Entity
- Tax-exempt, nonprofit corporation, as described in United States Internal Revenue Code (26 U.S.C. § 501 (c))

**Project Name: WARWICK DAM – MODIFICATION AND REHABILITATION
(State Water Commission Project No. 0240)**

Abstract/Executive Summary. An Executive Summary of the project stating its objectives, expected results, duration, total project costs and participants.* (no more than 500 words)

The Warwick Dam is located on the Sheyenne River in Eddy County, ND. It was originally constructed in 1933 and modified in 1952. It is classified by the State of North Dakota as a low hazard/low head dam. It has a maximum pool storage of approximately 300 acre-feet.

The Warwick Dam provides recreation in the area for fishing, camping and swimming. It also provides a water supply for livestock and wildlife.

The existing dam is in poor shape due to erosion of the abutments and the stream banks adjacent to the Dam.

The Eddy County Water Resource District intends to repair the existing dam by installing sheet piling and rock rip-rap. The approved plan incorporates a fish passage design. This design permits fish to freely migrate upstream to access forage, spawning habitat, and refuge.

The Eddy County Water Resource Board has employed Interstate Engineering to prepare the plan and specifications for the modification and rehabilitation of the Warwick Dam. Bids were let on August 6, 2013. Harvey Sand and Gravel, Inc submitted the lowest bid at \$218,702.25. Eddy County issued its Notice of Award to Harvey Sand and Gravel on September 12, 2013. Harvey Sand and Gravel is prepared and ready to begin construction. Except for the Sovereign Lands Permit to be issued by the State Water Commission, all construction arrangements and plans are in place. The Eddy County Water Resource Board is in regular contact with the State Water Commission and is hopeful that the Sovereign Lands Permit might be issued at any time.

Amount of Grant request \$95,002.25

Total Project Costs \$272,152.25

(Note that in-kind and indirect costs can be used for matching funds)

Amount of Matching Funds \$0.00

If applicable

Please indicate if the matching funds will be in-kind, indirect or cash.

Source(s) of Matching Funds

If applicable

Certifications *

X I certify that this application has been made with the support of the governing body and chief executive of my organization.

X I certify that if awarded grant funding none of the funding will be used for any of the exemptions noted on Page 1 of this application.

Narrative**Organization Information – Briefly summarize your organization's history, mission, current programs and activities. ***

Include an overview of your organizational structure, including board, staff and volunteer involvement. (no more than 300 words)

The Eddy County Water Resource Board was created in 1974 pursuant to NDCC 61-16. It is a governmental agency and a body politic and corporate with the authority to exercise the powers specified in the NDCC Chapter 61-16. Those powers include maintenance and repair of dams. The Eddy County Water Resource Board consists of three members: Kenneth Reis, Chairman, Mike Tweed and Peter Larson. Travis S. Peterson acts as the secretary/treasurer and legal counsel.

Purpose of Grant – Describe the proposed project identifying how the project will meet the specific directive(s) of the Outdoor Heritage Fund Program *

Identify project goals, strategies and benefits and your timetable for implementation. Include information about the need for the project and whether there is urgency for funding. Please indicate if this is a new project or if it is replacing funding that is no longer available to your organization. Identify any innovative features or processes of your project.

The primary purpose of the Warwick Dam modification and rehabilitation is to repair the Warwick Dam and reduce and stabilize erosion to the river channel. The resulting benefits will be significant in that: fish habitat will be enhanced due to the fish passage; water quality will improve due to reduced erosion; soil conditions will be improved or maintained due to reduced erosion; access for sportsmen to the Warwick Dam area will be improved due to these repairs to the Dam and the river banks; and fishing, both upstream and downstream, should improve as a result of the fish passage. The Dam repairs will also make the Warwick Dam more safe for recreational users and sportsmen. All these benefits collectively present an opportunity to further develop the Warwick Dam as a park and recreation area through the collective efforts of the Eddy County Water Resource Board, the North Dakota Game and Fish and the North Dakota Department of Trust Lands. The North Dakota Game and Fish and the North Dakota Department of Trust Lands may be interested stakeholders because they own the land adjacent and north of the Warwick Dam.

As identified in the preliminary engineering report, this project is necessary. Funding is necessary and the need therefore is urgent due to the impending project start date.

Management of Project – Provide a description of how the you will manage and oversee the project to ensure it is carried out on schedule and in a manner that best ensures its objectives will be met.*

Include a brief background and work experience for those managing the project.

The project construction inspection and construction survey will be completed by Interstate Engineering, Inc. from Jamestown, North Dakota. Interstate Engineering is a multi-office, multidiscipline Civil Engineering, Surveying firm that has many years of experience in water resource engineering projects from preliminary survey, to plan design to construction inspection of projects.

Interstate Engineering will provide the contractor on the project with the construction surveying that will be needed to build the project to the plans and specifications. Interstate Engineering will also provide onsite inspection of the project to ensure that the materials and the construction of the project conforms to the project plans and specifications and complies with the permits that have been obtained for the project. Interstate Engineering will also keep track of the quantity of materials that are installed on the project and will compile estimates for payment to the contractor for the materials that are installed to construct the project. Interstate Engineering will also answer questions, review shop drawings and monitor the quality of materials during the construction of the project. The Engineer on the project is Mr. Damon DeVillers, PE with Interstate Engineering. Mr. DeVillers has over 25 years of experience with ND water resource projects including dams, drainage ditches, flood studies, dikes, erosion control, wetland mitigation, road and bridge construction projects throughout North Dakota and Minnesota. Mr. DeVillers completed the plans and specifications for the project. Interstate Engineering will also monitor the progress of the contractor to ensure that the contractor is building the project to the plans and specifications for the project and ensure that he contractor adheres to the time constraints in the project specifications.

Evaluation – Describe your plan to document progress and results. *

How will you tell if the project is successful? Please be specific on the methods you will utilize to measure success. Note that regular reporting, final evaluation and expenditure reports will be required for every grant awarded.

The immediate measure of success is the satisfactory completion of the construction project. Long term measures of success will be based on improved fishing and fishing opportunities; improved water quality; and reduced stream bank erosion. Increased use of the Warwick Dam park and recreation area is another measure of success.

Financial Information

ATTACHMENT: Project Budget – Using the standard project budget format that is available on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> , please include a detailed total project budget that specifically outlines all the funds you are requesting.*

The project budget should identify all matching funds, funding sources and indicate whether the matching funds are in the form of cash or in-kind services. As noted on the standard project budget format, certain values have been identified for in-kind services. Please utilize these values in identifying your matching funds. **NOTE: No indirect costs will be funded.**

x I certify that a project budget will be sent to the Commission*

Sustainability – Indicate how the project will be funded or sustained in future years. *

Include information on the sustainability of this project after all the funding from the Outdoor Heritage Fund has been expended and whether the sustainability will be in the form of ongoing management or additional funding from a different source.

Pursuant to NDCC 61-16-39, the Warwick Dam comes under the jurisdiction of the Eddy County Water Resource Board. Thus, as in the past, the Eddy County Water Resource Board will monitor the Warwick Dam's condition and take steps to maintain and/or repair as necessary and appropriate.

Partial Funding – Indicate how the project will be affected if less funding is available than that requested. *

In the event funds obtained from cost share partners is insufficient to cover the costs of the Warwick Dam rehabilitation and modification, then the Eddy County Water Resource Board will contribute up to a maximum of 15% of the total projects costs. This 15% contribution limit results from a motion duly made and approved at the November 2, 2006 Eddy County Water Resource Board meeting.

Scoring of Grants

All applications will be scored by the Outdoor Heritage Fund Advisory Board after your ten-minute oral presentation. The ranking sheet(s) that will be used by the Board is available on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> .

Awarding of Grants

All decisions on requests will be reported to applicants no later than 30 days after Industrial Commission consideration. Applicants whose proposals have been approved will receive a contract outlining the terms and conditions of the grant. Please note the appropriate sample contract for your organization on the website at <http://www.nd.gov/ndic/outdoor-infopage.htm> that set forth the general provisions that will be included in any contract issued by the North Dakota Industrial Commission. Please indicate if you can meet all the provisions of the sample contract. If there are provisions in that contract that your organization is unable to meet, please indicate below what those provisions would be. *

Responsibility of Recipient

The recipient of any grant from the Industrial Commission must use the funds awarded for the specific purpose described in the grant application and in accordance with the contract. The recipient cannot use any of the funds for the purposes stated under Exemptions on the first page of this application.

If you have any questions about the application or have trouble submitting the application, please contact Karlene Fine at 701-328-3722 or kfine@nd.gov

Budget Standard Form

Please use the table below to provide a detailed total project budget that specifically outlines all the funds you are requesting and if there are any matching funds being utilized to fund this project. Please note if the matching funds are in the form of cash, indirect costs or in-kind services. The budget should identify all other committed funding sources and the amount of funding from each source. Match can come from any source (i.e. private sources, State and Federal funding, Tribal funding, etc.)

Please feel free to add columns and rows as needed. Narrative is welcome to fully explain the proposed budget.

Note that NO INDIRECT COSTS will be funded from the Outdoor Heritage Fund.

	Expense	Income	Funds Needed
PROJECT COSTS and COST SHARE INCOME			
I. Construction and Material Costs	\$218,702.25		
ND State Water Commission		\$110,150.00	
ND Game & Fish		\$30,000.00	
			\$78,552.25
II. Engineering Fees	\$45,950.00		
Upper Sheyenne Joint Water Resource Board		\$35,000.00	
Ramsey County Water Resource Board		\$1,000.00	
Devils Lake Basin Joint Water Resource Board		\$1,000.00	
			\$8,950.00
III. Legal fees	\$7,500.00		
			\$7,500.00
RECAPITALIZATION:			
Total Project Costs:	\$272,152.25		
Total Current Cost Share Income:		\$177,150.00	
Amount of grant request from Outdoor Heritage Fund:			\$95,002.25

In-kind services used to match the request for Outdoor Heritage Fund dollars shall be valued as follows:

- Labor costs \$15.00 an hour
- Land costs Average rent costs for the county as shown in the most recent publication of the USDA, National Agricultural Statistics Services, North Dakota Field Office
- Equipment Any equipment purchased must be listed separately with documentation showing actual cost.
- Equipment usage Actual documentation
- Seed & Seedlings Actual documentation
- Transportation Mileage at federal rate
- Supplies & materials Actual documentation

More categories will be added as we better understand the types of applications that will be submitted. We will use as our basis for these standards other State and Federal programs that have established rates. For example the North Dakota Nonpoint Source Pollution Management Program has established rates. If your project includes work that has an established rate under another State Program please use those rates and note your source.

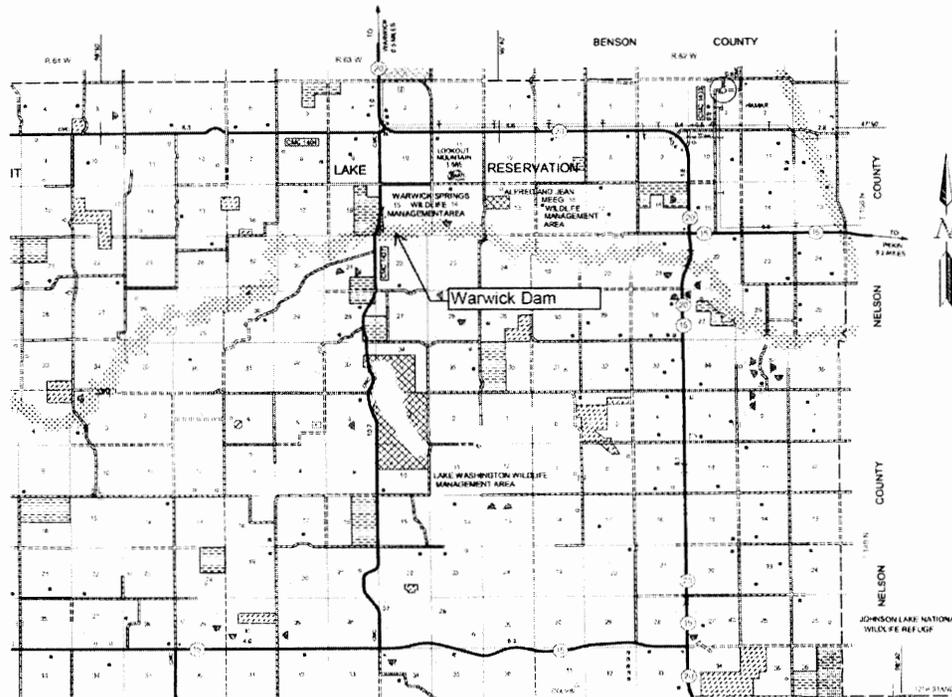
Approved by OHF Advisory Board: October 17, 2013

Approved by Industrial Commission: October 22, 2013

Construction Plans for Warwick Dam Repair and Improvements Eddy County, ND 2013

Index of Sheets

- 1 Existing Site Topo
- 2 Proposed Improvements
- 3 Erosion Control Plan
- 4 Flotation Silt Curtain
- 5-12 Warwick Dam Photos

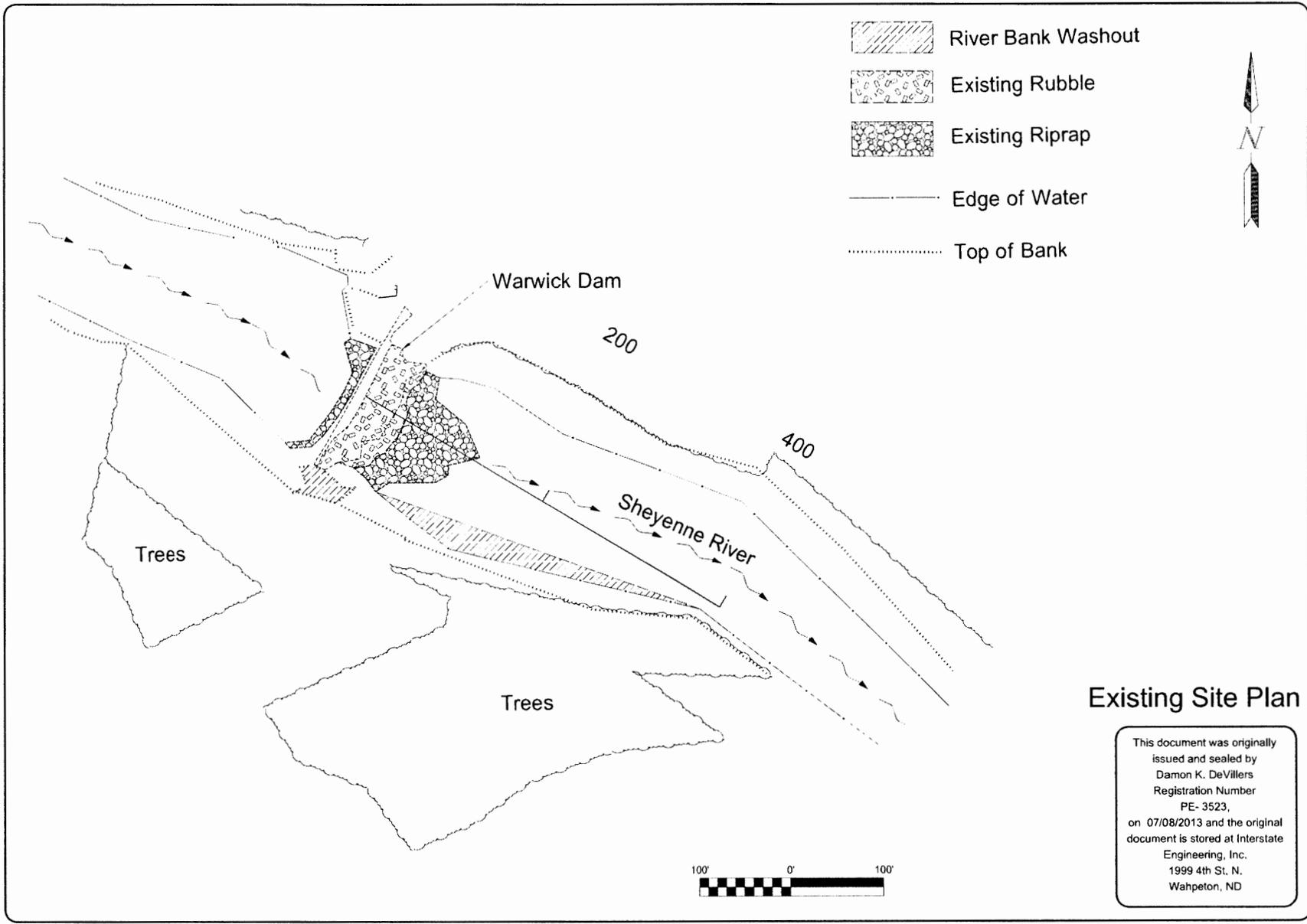


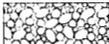
STATE COUNTY MAP

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Damon K. DeVillers
Registration Number
PE- 3523
on 07/08/2013 and the original document is stored at Interstate
Engineering, Inc.
1999 4th St. N.
Wahpeton, ND



Interstate Engineering, Inc.
P.O. Box 667
1999 4th Street North
Wahpeton, ND 58074
Ph (701) 642-5211
Fax (701) 642-5215
www.interstateeng.com
Other offices in Minnesota, Wisconsin and South Dakota



-  River Bank Washout
-  Existing Rubble
-  Existing Riprap
-  Edge of Water
-  Top of Bank



Revision	Date	By	Checked By

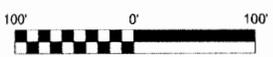
Warwick Dam on the Sheyenne River
 Eddy County, ND
 Existing Site Plan
 Drawn By: SMR
 Checked By: JMD
 Project No.: 11150170
 Date: July, 2013

Interstate Engineering, Inc.
 P.O. Box 887
 1999 4th Street North
 Wahpeton, ND 58074
 Ph: (701) 845-3215
 Fax: (701) 845-3215
 www.interstateeng.com
 Other offices: Minneapolis, Kansas and South Dakota

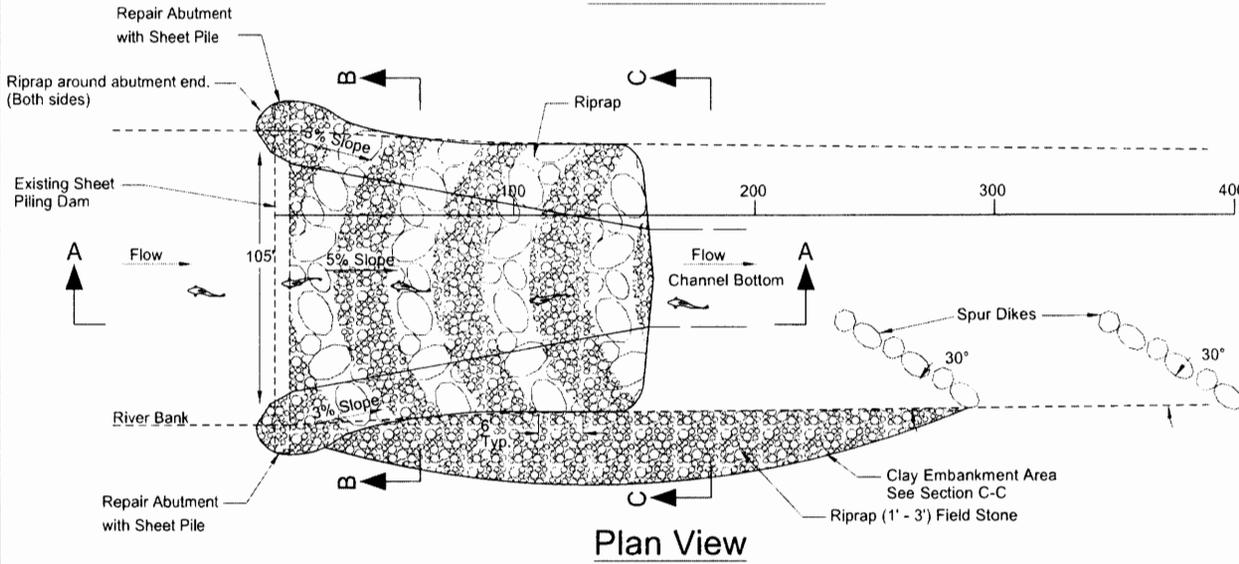


Existing Site Plan

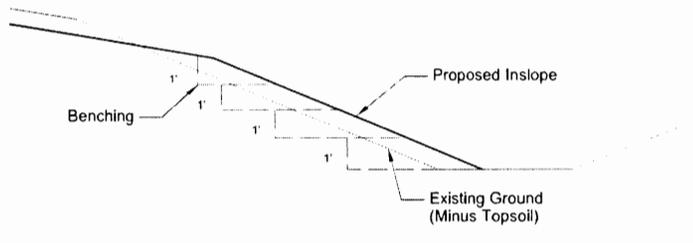
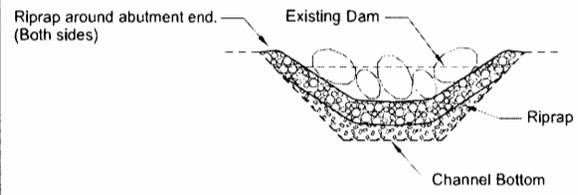
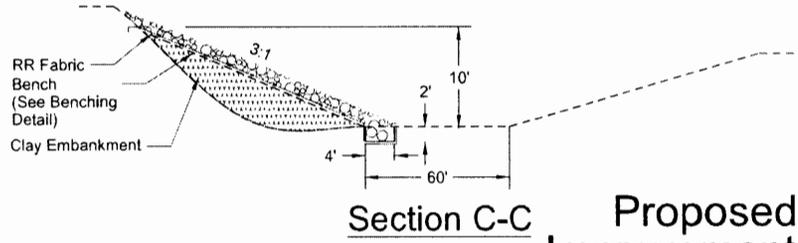
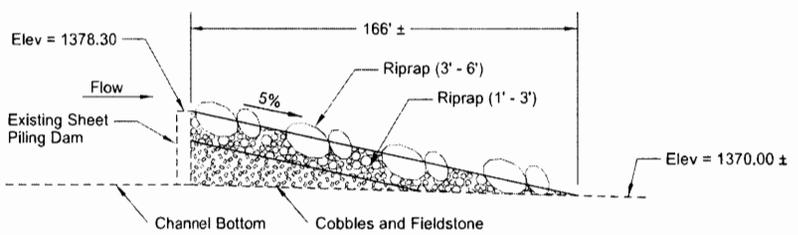
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Warwick Dam



- Fieldstone or waste concrete sub-base
- 1' to 3' Field Stone
- 3' to 6' Field Stone (for weirs)
- Clay Embankment



Proposed Improvements to Warwick Dam

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Revision No.	Date	By	Checked by

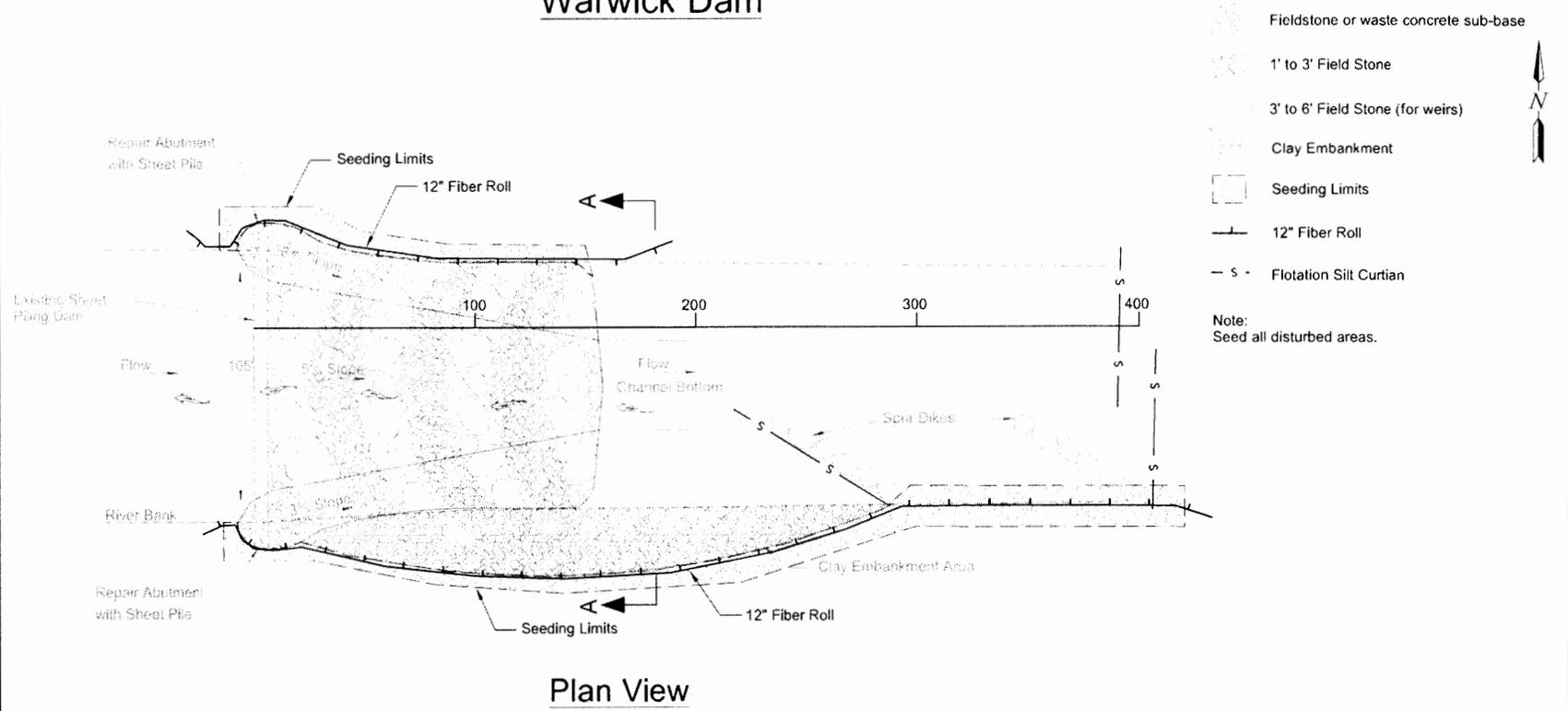
Warwick Dam on the Sheyenne River
Eddy County, ND
Proposed Improvements
Drawn By: TDP
Checked By: DMD
Project No.: 11100170
Date: 08/2013

Interstate Engineering, Inc.
P.O. Box 687
1999 4th Street North
Wahpeton, ND 58074
Phone (701) 842-5215
Fax (701) 842-5215
www.interstateeng.com
Owner: West in. www.west-in.com



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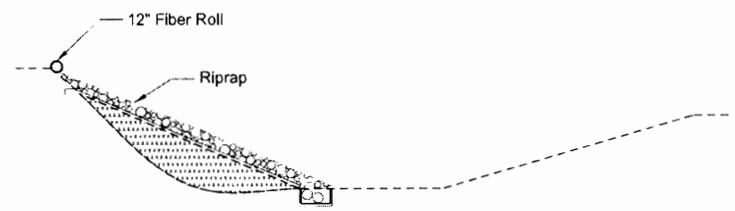
Warwick Dam



- Fieldstone or waste concrete sub-base
- 1' to 3' Field Stone
- 3' to 6' Field Stone (for weirs)
- Clay Embankment
- Seeding Limits
- 12" Fiber Roll
- Flotation Silt Curtain

Note:
Seed all disturbed areas.

Plan View



Section A-A

Erosion Control Plan

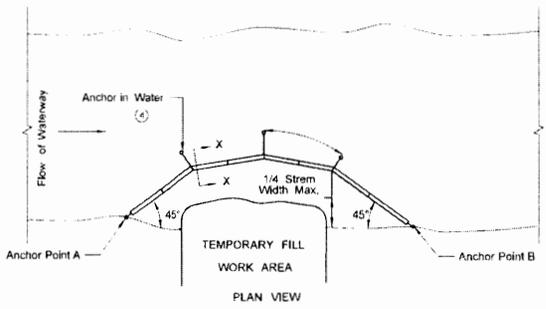
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Project No.	
Date	
Drawn by	
Checked by	
Scale	

Warwick Dam on the Sheyenne River Eddy County, ND	
Erosion Control Plan	
Drawn By: TRP	Project No.: J1100176
Checked By: DMK	Date: 04/11/2013

Interstate Engineering, Inc.
P.O. Box 467
1999 4th Street North
Wahpeton, ND 58074
Ph: (701) 644-5215
Fax: (701) 644-5215
www.interstateengineering.com
Other Offices in Minnesota, Wisconsin and South Dakota

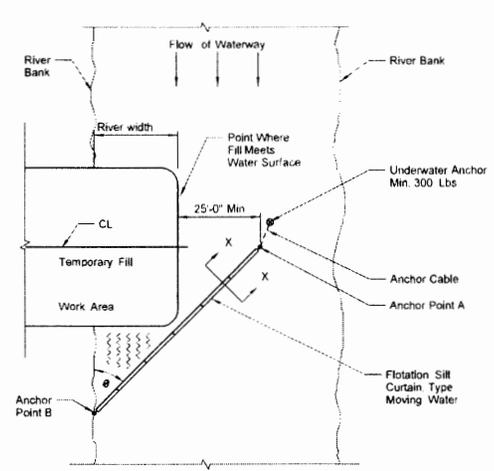




PLAN VIEW
FLOTATION SILT CURTAIN - TYPE WORK AREA

FOR CONTAINING OVERFLOWS FROM WEIRS, STANDPIPES, SETTLING PONDS

DESIGN GUIDELINES:
WHEN TEMPORARY FILL ENEROACHES LESS THAN 1/4 OF THE WIDTH OF STREAM
MAXIMUM WATER VELOCITY: 5 FT./SEC.
MAXIMUM WATER DEPTH: 11 FT.

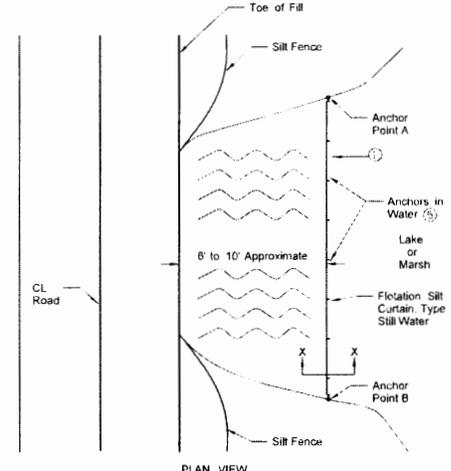


∠ θ	RIVER VELOCITY
45°	SLOW, LESS THAN 3 FT./SEC.
35°	MODERATE, 3 - 5 FT./SEC.

PLAN VIEW
FLOTATION SILT CURTAIN - TYPE MOVING WATER

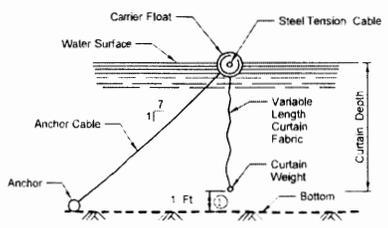
DESIGN GUIDELINES:
WHEN TEMPORARY FILL ENEROACHES MORE THAN 1/4 BUT LESS THAN 1/3 WIDTH OF THE STREAM
MAXIMUM WATER DEPTH: 11 FT. ①
MINIMUM WATER DEPTH: 3 FT.
MAXIMUM WATER VELOCITY: 5 FT./SEC.

- Notes:
- ① Curtain 1 FT from Bottom
 - ② W = 10 FT Min 20 FT Max
 - ③ D = 2 FT
 - ④ 100 FT Max Spacing Between Anchors, Min 40 LBS
 - ⑤ Use enough Anchors to Hold Silt Curtain in Place

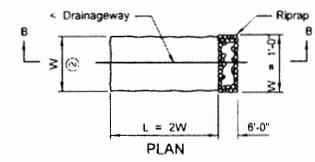


PLAN VIEW
FLOTATION SILT CURTAIN - TYPE STILL WATER

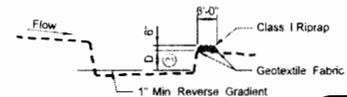
DESIGN GUIDELINES:
MAXIMUM WATER DEPTH: 11 FT. ①
MINIMUM WATER DEPTH: 3 FT.



SECTION X-X
FLOTATION SILT CURTAINS



PLAN



SECTION B-B
SEDIMENT TRAP DETAIL

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Revision No.	Date	By	Description

Warwick Dam on the Sheyenne River
Eddy County, ND
Flotation Silt Curtain
Project No.: 1110710
Date: July, 2013
Drawn By: TRP
Checked By: JMD

Interstate Engineering, Inc.
P.O. Box 697
1999 4th Street North
Wahpeton, ND 58074
Phone: (701) 442-3215
Fax: (701) 442-3215
www.interstateeng.com
Owner: Sheyenne River State, Machine and Iron, Lakota



Existing Photos of Warwick Dam



Revision No.	Date	By	Description

Warwick Dam on the Shawnee River
 Casp County, NC

Warwick Dam Photos

Drawn By: TSP Project No.: 1108176
 Checked By: JRG Date: 04/22/13

Interstate Engineering, Inc.
 P.O. Box 667
 1999 4th Street North
 Wahpeton, ND 58075
 Ph: (701) 842-8321
 Fax: (701) 842-8315
 www.interstateeng.com

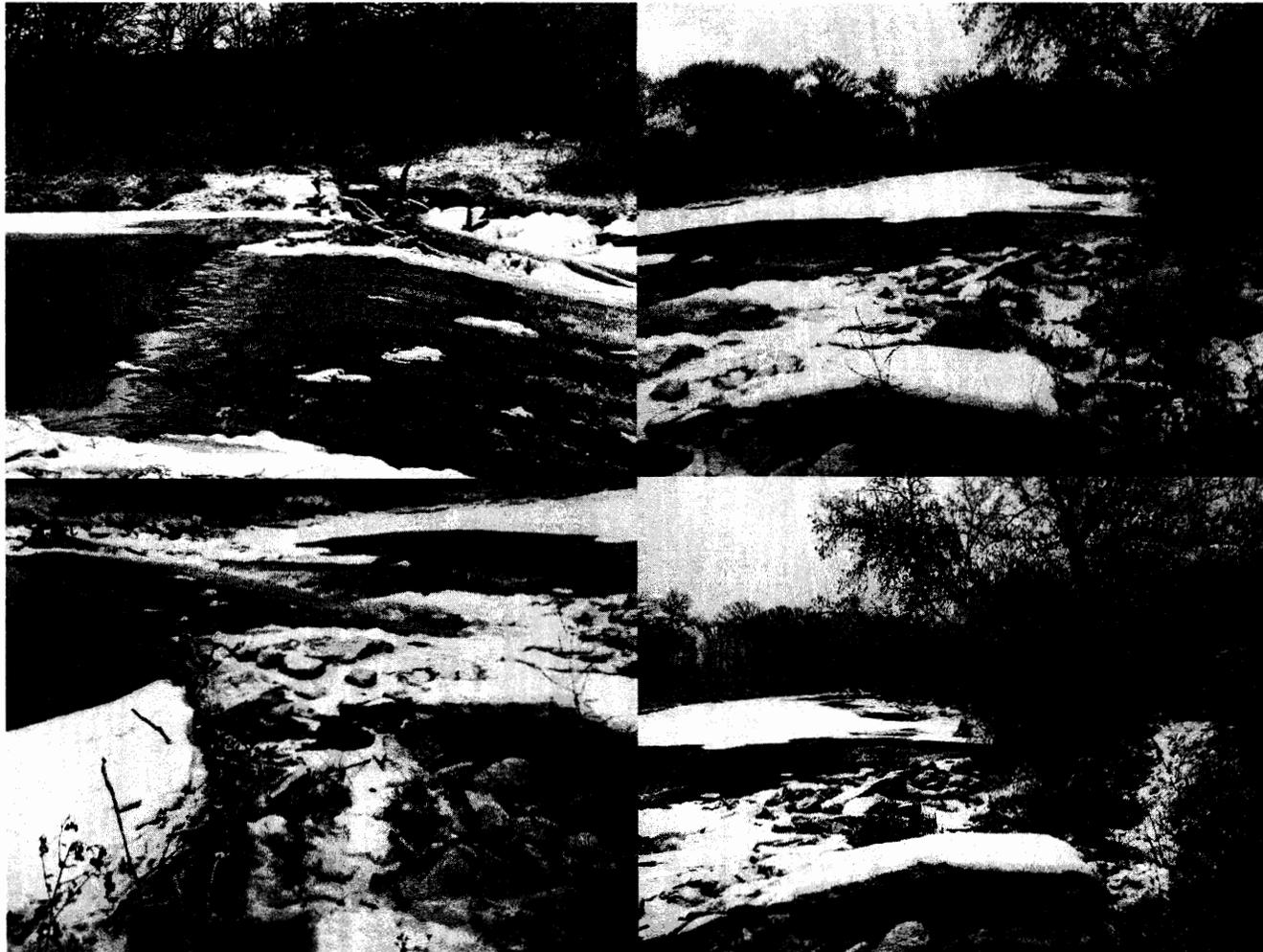
Drawn: 11/08/13, Checked: 11/08/13, Date: 11/08/13



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5
 SHEET NO.

Existing Photos of Warwick Dam



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Interstate Engineering, Inc.
 P.O. Box 687
 1999 4th Street North
 Wahpeton, ND 58574
 Fax (701) 542-5215
 www.interstateeng.com
Color: 100% PMS or CMYK. Maximum size 3.5 x 5.0 in.

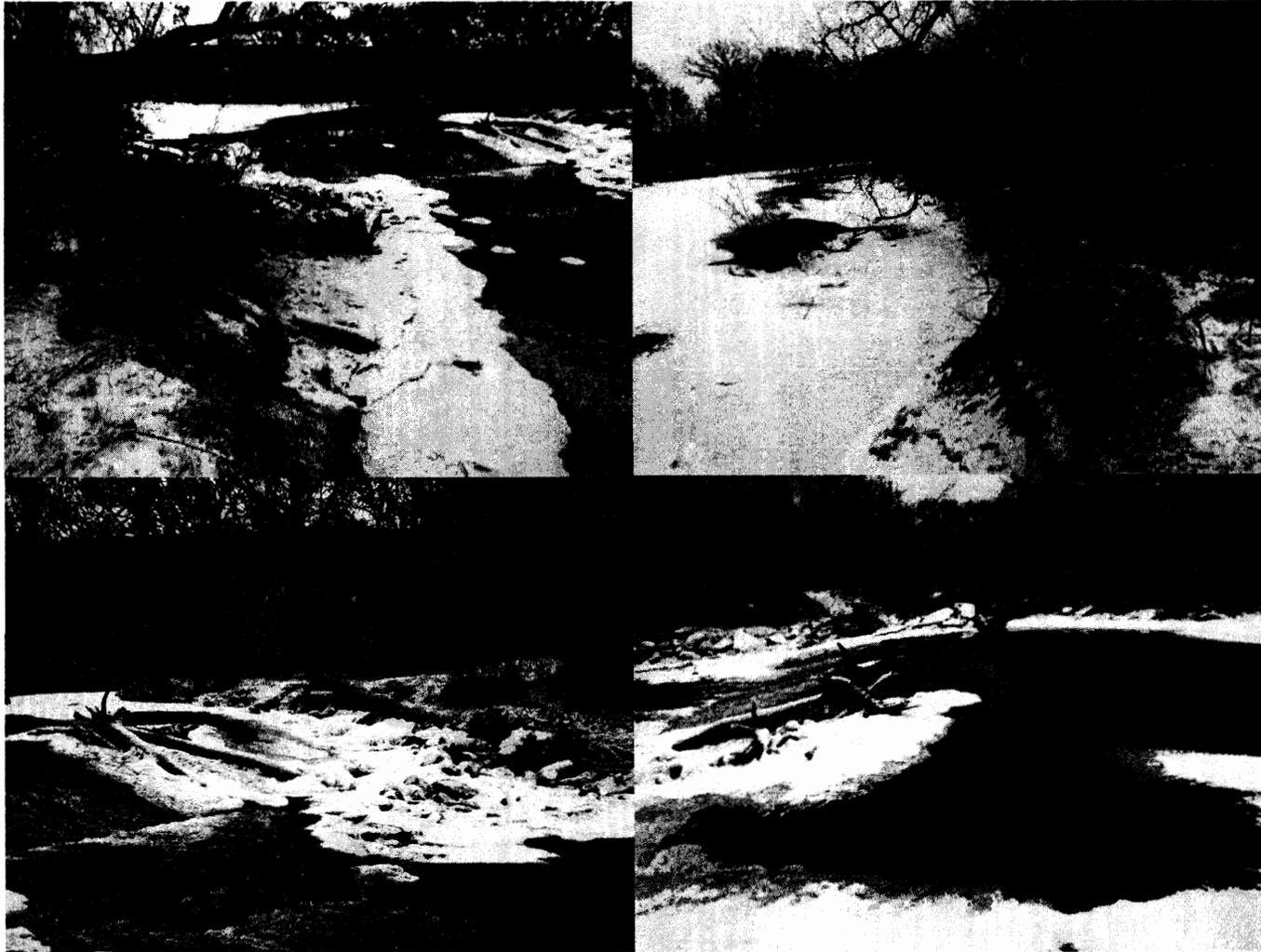


6
 SHEET NO.

Warwick Dam on the Snyeigne River
 Eddy County, ND
 Warwick Dam Photos
 Drawn By: TRP
 Checked By: DRD
 Project No.: 1102110
 Date: July, 2013

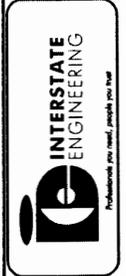
Revision No.	Date	By	Description

Existing Photos of Warwick Dam



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 on 07/08/2013 and the original document is stored at Interstate Engineering, Inc.
 1999 4th St. N.
 Wahpeton, ND

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 P.O. Box 987
 1999 4th Street North
 Wahpeton, ND 58074
 Tel: (701) 442-3211
 Fax: (701) 442-3215
 www.interstateeng.com
 Other: Maps in AutoCAD, ArcView and 3-dim Layout



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SHEET NO.

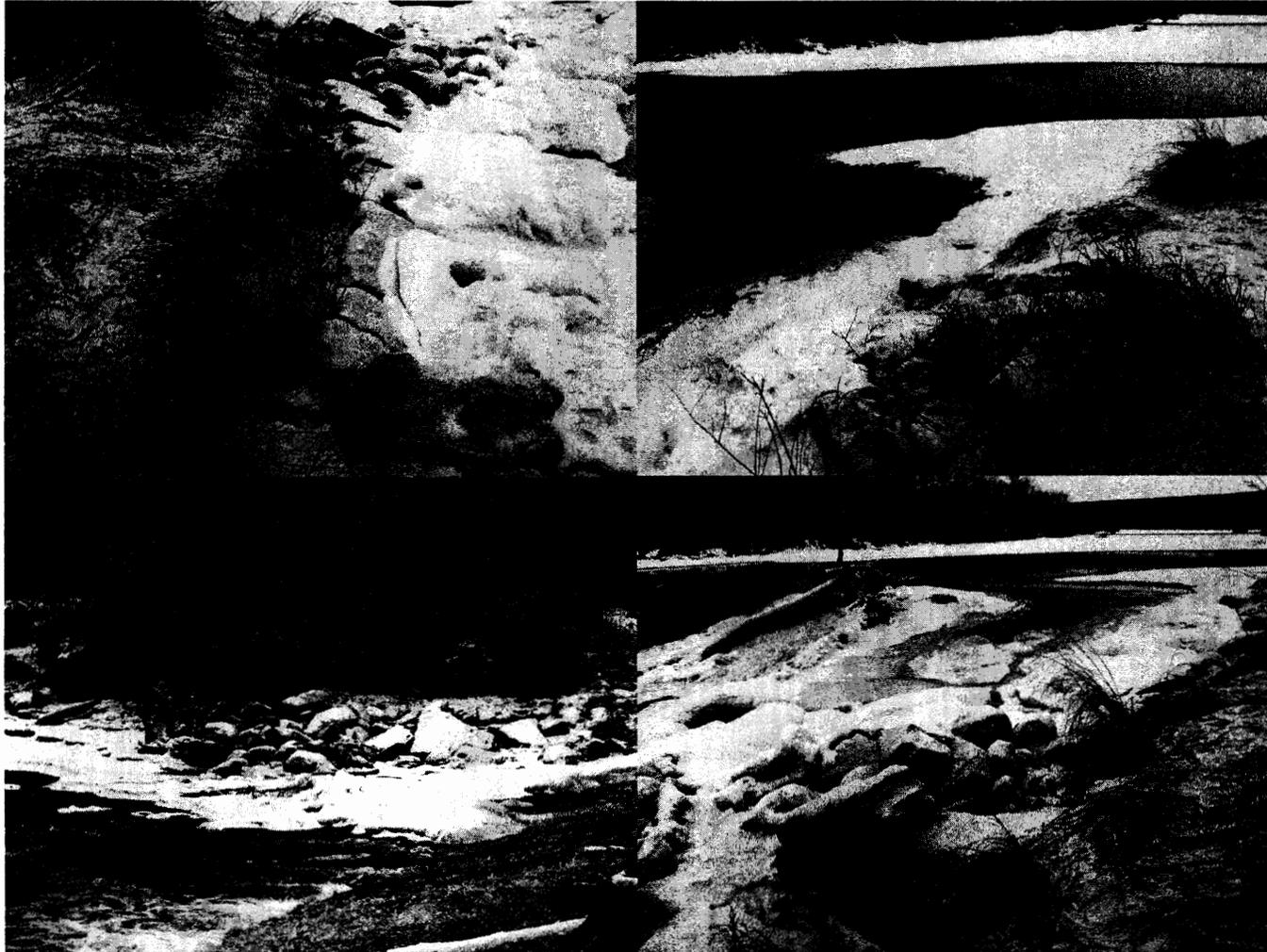
Revision No.	Date	By	Description

Warwick Dam on the Shevonne River
 Eddy County, ND

Warwick Dam Photos

Drawn By: THP
 Checked By: DKO
 Project No.: 21180170
 Date: 08/2013

Existing Photos of Warwick Dam



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Warwick Dam on the Snyeenne River
Eddy County, ND
Warwick Dam Photos
Drawn By: TRP
Checked By: BMD
Project No.: 11100110
Date: July, 2013

Number	Date	By	Description

Existing Photos of Warwick Dam

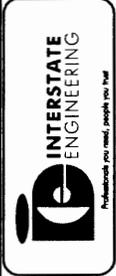


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Revision No.	Date	By	Description

Warwick Dam on the Sheyenne River
 Eddy County, ND
 Warwick Dam Photos
 Drawn By: TRP
 Checked By: DKO
 Project No.: 1100170
 Date: JUNE, 2013

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