

RED LAKE WATERSHED DISTRICT

August 10, 2023

9:00 a.m.

Agenda

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	July 27, 2023 Minutes	Action
	Financial Report dated August 9, 2023	Action
	Pine Lake – Phase 2, RLWD Project No. 26B Bid Opening September 28, 2023, 9:30 am	Info/Action
	Thief River 1W1P, RLWD Project No. 149A Bank Stabilization Projects	Info/Action
	Clearwater River 1W1P Project No. 149B	Information
	Houston Engineering 10 Year Flood Mapping Pilot Project	Information
	Fladeland, RLWD Project No. 129AX – Pay Estimate #2	Action
	Burnham Creek-BR6 Impoundment, RLWD Project No. 43A-Inspection	Information
	MnDOT Maintenance Permit Requirements	Information
	Permit No. 23-049: Jim Hagge – Poplar River Township	Info/Action
	Permits: No. 23-119, 23-124, 23-130, 23-131, 23-133, 23-134, 23-135, 23-136, 23-137, 23-138	Action
	Purchase of Board Room Training Tables	Info/Action
	Vehicle Quotes	Info/Action
	Staff Employment	Info/Action
	Administrators Update	Information
	Legal Counsel Update	Information
	Managers' updates	Information
	Adjourn	Action

UPCOMING MEETINGS

August 10, 2023	RLWD Board Meeting, 9:00 am
August 10, 2023	RL1W1P Planning Work Group Meeting, 1:00 pm
August 14, 2023	Mud River Project Work Team, 9:00 am
August 15, 2023	RRWMB Meeting, Ada, 10 am
August 15, 2023	ULRL1W1P Kickoff Meeting, Kelliher, 5 pm
August 16-18, 2023	MACATFO & MADI Drainage Conference, St Cloud
August 22, 2023	ULRL Advisory Committee Meeting, Red Lake, 9 am
August 24, 2023	RLWD Board Meeting, 9:00 am
August 24, 2023	RLWD 2024 General Fund Budget Hearing, 9:15 am
August 28, 2023	ULRL Policy Committee Meeting, 10 am

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
July 27, 2023

DRAFT

President, Dale M. Nelson, called the meeting to order at 9:00 a.m. at the Red Lake Watershed District Office, Thief River Falls, MN.

Present: Managers: Dale M. Nelson, Gene Tiedemann, Allan Page, Brian Dwight, LeRoy Ose, and Tom Anderson. Absent: Terry Sorenson. Staff Present: Tammy Audette, Melissa Bushy, Ann Joppru, Erick Huseth, Nate Koland, and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. A motion was made by Ose, seconded by Dwight, and passed by unanimous vote that the Board approve the agenda. Motion carried.

The Board reviewed the July 13, 2023, minutes. Motion by Anderson, seconded by Tiedemann, to approve the July 13, 2023, Board meeting minutes with correction. Motion carried.

The Board reviewed the Financial Report dated July 26, 2023. Motion by Ose, seconded by Dwight, to approve the Financial Report dated July 26, 2023, with corrections. Motion carried.

Included in the packet was the BWSR 2023 Estimated Taxable Market Values. This is the taxes payable 2023 estimated & taxable market values for Watershed Districts in Minnesota.

The Board reviewed Pay Estimate No. 1 to Quality Spray Foam LLC dba Anderson Excavating for construction of the Fladeland Ring Dike, RLWD Project No. 129AX in the amount of \$88,503.43. Motion by Page, seconded by Tiedemann, to approve Pay Estimate No. 1 to Quality Spray Foam LLC dba Anderson Excavating in the amount of \$88,503.43 for work on the Fladeland Ring Dike, RLWD Project No. 129AX. Motion carried.

Construction on the Beich Ring Dike, RLWD Project No. 129AY has begun.

Preliminary design on the Payment Ring Dike, RLWD Project No. 129BC and the Cardinal Ring Dike, RLWD Project No. 129BB is moving forward, with the hopes of construction later this fall. Staff member Nate Koland is working on right-of-way on both ring dikes. Staff member Erick Huseth contacted the MnDNR regarding removal of a beaver dam upstream of the Pine Lake Project, RLWD Project No. 35 located within the Lost River. MnDNR staff would like to be informed of how many beavers were removed from the dam. Huseth has spoken to the local landowner regarding permission to cross their property for access to the site. Dyrdal Construction will remove the dam once the beavers have been trapped.

Staff member Erick Huseth stated that Triple D Construction completed maintenance on Ditch 8, RLWD Project No. 36. This ditch is located 12 miles north of Gully.

Executive Director Rob Sip, RRWMB, stated that the RRWMB of Managers set their 2024 Levy at 75% or 0.0003627 times the taxable market value on all taxable property within RRWMB member watershed districts. Sip reviewed the 2024 Operating Budget, Program Budget, and Project Spending Plan.

Engineer Nate Dalager, HDR Engineering, Inc. updated the Board on the Turtle/Cross/Connection Project, RLWD Project No. 114, and the project work team meeting that occurred on July 21 in Fosston. It was a positive meeting. We have three dams on three different lakes that are all connected which are all owned by the DNR. DNR now has two dams that have failed – Turtle & South Connection. One dam, Cross Lake, has no boards installed. The proposed action is needed to stabilize water levels for the benefit of recreational users, landowners, and fish and to provide flood storage capacity. A feasibility study would cost around \$100,000. Rob Sip suggested we get on DNR's list for assistance with this project. A subcommittee planning meeting will be set up.

The Board reviewed a proposal from Terracon to complete soil borings on the Chief's Coulee Project, RLWD Project No. 46S in the amount of \$7,000. Discussion was held on what role the District could play in the project. A motion was made by Page, seconded by Tiedemann, to approve soil boring for the Chief's Coulee Project, RLWD Project No. 46S in the amount of \$7,000. Motion carried.

Administrator Audette stated that the Red Lake SWCD was able to get additional funding in the amount of \$36,390.59 for construction of the Gary Purath Structure Replacement Project. This project was postponed at the July 13th meeting. The Red Lake SWCD is requesting funding in the amount of \$21,609.41. Audette indicated that the District had pledged \$7,000 in 2022 towards the project. A motion was made by Page, seconded by Anderson, to approve the funding request in the amount of \$21,609.41 for construction of the Gary Purath Structure Replacement Project, from the District's Red Lake River 1W1P, RLWD Project No. 149 funds. Motion carried.

The Board reviewed the Minnesota Watersheds' 2023 Resolutions Process.

The Flood Damage Reduction Work Group (FDRWG) will be celebrating their 25th Anniversary with a Celebration & Tour on September 22, 2023. Plan to attend to celebrate 25 years of the Red River Basin Mediation Agreement. There will be presentations highlighting past and ongoing work, followed by a tour of local projects planned to use FDRWG's project team process.

The Board reviewed the permits for approval. Motion by Ose, seconded by Dwight, to approve the following permits with conditions stated on the permit: No. 23122, Scott Olson, Norden Township, Pennington County; No. 23005, Scott Tersteeg, Badger Township, Polk County; No. 23023, Richard Vraa, Goodridge Township, Pennington County; No. 23053, John Dyrdaahl, Bray Township, Pennington County; No. 23077, Knute Knutson, Lake Pleasant Township, Red Lake County; No. 23091, Joan Emery, Red Lake Falls Township, Red Lake County; No. 23092, Renae Lehrer, Red Lake Falls Township, Red Lake County; No. 23105, Lessor Township,

Lessor Township, Polk County; No. 23106, Lake Pleasant Township; Lake Pleasant Township, Red Lake County; No. 23108 John Dyrdaahl, Numedal Township, Pennington County; No. 23110, Scott Tersteeg, Badger Township, Polk County; No. 23111, Marc Horien, Holt Township, Marshall County; No. 23112, Jon & Paula Praska, North Township, Pennington County; No. 23113, Pennington County Highway Department, Star Township, Pennington County; No. 23114, Matt Stenberg, Garnes Township, Red Lake County; No. 23115, Matt Stenberg, Equality Township, Red Lake County; No. 23116, Alden Moe, Onstad Township, Polk County; No. 23117, Fanny Township, Fanny Township, Polk County; No. 23118, Red Lake County Highway Dept, Equality Township, Red Lake County; No. 23120, Beltrami County Highway Dept, Washkish Township, Beltrami County; No. 23121, Beltrami County Highway Dept, Washkish Township, Beltrami County; No. 23123, Scott Olson, Norden Township, Pennington County; No. 23125, Marshall County Highway Dept, Veldt Township, Marshall County; No. 23126, Marshall County Highway Dept, Excel Township, Marshall County; No. 23127, Donald Fox, Garnes Township, Red Lake County; No. 23128, Darren Wheeling, Eddy Township, Clearwater County; and No. 23129, Marshall County Highway Dept, Excel Township, Marshall County; Motion carried.

The Proposed 2024 Budget and Salary recommendations and General Fund Budget was presented by Administrator Audette. Audette presented a worksheet of descriptions of what expense is included in each line item of the budget. The proposed salaries are based on employee steps along with the 2.5% COLA for each employee and the salary structure for 2024. Motion by Tiedemann, seconded by Ose, to approve the proposed 2024 General Fund Budget, in the amount of \$266,630.50, and set the 2024 General Fund Budget hearing for 9:15 a.m. on Thursday, August 24, 2023, at the Red Lake Watershed District office. Motion carried.

Administrators Update:

- **Red River Watershed Management Board:** Manager Ose and I attended the RRWMB meeting held in Ada on July 18, 2023.
- **Mud River Project:** Due to the landowners harvesting rye grass, the Mud River Project Team that was scheduled for this afternoon, has been postponed to August 14, 2023, at 9:00 a.m. at the District office.
- **Turtle Connection Cross Project:** Managers Sorenson and Anderson and Staff members Audette and Bushy attended the Project Work Team meeting held on Friday, July 21, 2023, in Fosston. The next Project Team Meeting will be held this Fall.
- **Demarais Hanson Project:** Audette contacted the interim Red Lake County Engineer regarding potentially removing snow prior to Spring runoff upstream of the Demarais Hanson Project. A new county engineer will be in place in August, and it was suggested we wait until then to further discuss the matter.
- **Red Lake River 1W1P-Red Lake SWCD-County Road 19:** Included in the packet are pictures from a repair recently completed downstream of County Road 19, that enters the

Red Lake River upstream from Voyageurs View in Red Lake Falls. Gladen Construction completed the work.

- **BWSR Manager Training:** Staff members Audette and Bushy will attend the BWSR Manager Training session on July 28, 2023, in Warren.
- **Upper Lower Red Lake 1W1P:** Staff member Hanson and Manager Dwight attended the Upper Lower Red Lake 1W1P Advisory Committee meeting on July 25, with Staff member Audette participating virtually.
- **Black River Impoundment:** District staff closed the outlet to the Black River Impoundment on Thursday, July 26th, due to the area receiving 2-3” of rainfall. Staff will monitor water levels in the area.
- **Vacation:** Audette will be on Vacation August 3 and 4th.

Motion by Anderson, seconded by Ose, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for August 9, 2023

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding FICA, Fed & Medicare (8-2-23 payroll)	\$ 4,273.86
online	MN Department of Revenue	Withholding taxes (8-2-23 payroll)	\$ 769.66
online	Public Employers Retirement Assn.	PERA (8-2-23 payroll)	\$ 2,689.05
40833	Quality Spray Foam/Anderson	Pay Estimate #1 - Robert Fladeland Ring Dike #129AX	\$ 88,503.43
40834	Blue Sky Blading	Mowing. Moose River Impoundment Proj. #13	\$ 7,000.00
40835	Brooke Haman	Beaver Removal. Proj. #35	\$ 300.00
40836	Corporate Technologies	Surface Pro Notebook Computer (Tammy)	\$ 2,836.05
40837	Farmers Union	Gas for Vehicles	\$ 1,278.94
40838	Fastenal Company	Hardware for Stream Gages Proj. #21	\$ 122.79
40839	Houston Engineering	* see project detail below	\$ 23,639.00
40840	Hugo's #7	Meeting expenses	\$ 194.75
40841	Olson Construction	Debris cleanup & disposal - Brandt Impoundment	\$ 2,740.00
40842	Jessica Vettleson	Office cleaning	\$ 140.00
40843	Les's Sanitation	Garbage removal	\$ 35.74
40844	Lunke Construction	Mowing \$5280, Placing rock \$9640. Proj. #14	\$ 14,920.00
40845	Marco	Monthly copier expense	\$ 200.34
40846	Oil Boyz Express Lube	Oil change and retorque lug nuts. Vehicle #937	\$ 111.40
40847	Pennington County Highway Dept	Clean Ditch - Black River Impoundment Proj. #176	\$ 460.00
40848	Pitney Bowes Global Financial	Postage Meter Rent	\$ 124.53
40849	Purchase Power	Postage	\$ 300.00
40850	Quality Spray Foam/Anderson	Mowing Proj. #41AA, #113, #49, and #48	\$ 4,500.00
40851	Red Lake Co. SWCD	R. Derosier - Grade Stabilization Proj. #149B local match	\$ 6,000.00
40852	RMB Environmental Labs	Lab analysis of water quality samples	\$ 7,620.53
40853	Thief River Ford	Oil change & tire rotation. Vehicles #935 & #939	\$ 174.58
40854	Universal Screenprint	Clothing for staff	\$ 31.40
40855	Pennington SWCD	Reimburse expenses Proj. #149 and #149A	\$ 1,223.61
40856	Triple D Construction & Leasing	Clear grub on Ditch #8, Proj. #36	\$ 7,700.00
online	Garden Valley	Internet Expense	\$ 68.95
online	Northwest Service Cooperative	Health insurance premium	\$ 12,934.12
online	Sun Life Financial	Staff life insurance premium	\$ 128.56
online	WEX	Medical FSA - Audette	\$ 2,713.90
online	Aflac	Staff paid insurance	\$ 932.02
online	Delta Dental	Dental insurance premium	\$ 643.82
direct	Dale Nelson	Mileage	\$ 53.06
direct	Al Page	Mileage	\$ 68.12
direct	Brian Dwight	Mileage	\$ 220.08
JE129	Edward Jones Investment	Purchase (2) \$243,000 6 months CD at 5.25%	\$ 486,000.00
JE130	Edward Jones Investment	Purchase \$14,000 6 months CD at 5.15%	\$ 14,000.00
	Staff & Board Payroll	8/2/2023	\$ 15,080.78
	Total Checks		\$ 710,733.07

*** Houston Engineering**

Clearwater 1W1P #149B	\$	2,560.00
TR/SD 83 Streambank #149A	\$	12,190.25
RLWD Hagge Permit #31	\$	6,846.50
Ring Dikes #129	\$	1,576.50
Demarais-Hanson Proj. #149	\$	465.75
	\$	<u>23,639.00</u>

Banking Northern State Bank

Balance as of July 26, 2023	\$ 312,064.61
Total Checks Written	\$ (710,733.07)
Receipt #25113 Transfer from AFB to NSB	\$ 500,000.00
Receipt #25114 Monthly Interest	\$ 2,148.77
Balance as of August 9, 2023	<u>\$ 103,480.31</u>

Current interest rate is .20%

American Federal Bank-Fosston

Balance as of July 26, 2023	\$ 6,368,628.40
Receipt #25111 Leroy Ose - reimbursement for computer cords	\$ 50.54
Receipt #25112 Polk County - 1st half Riparian Aid	\$ 5,850.50
Receipt #25113 Transfer from AFB to NSB	\$ (500,000.00)
Receipt #25115 Monthly Interest	\$ 13,823.64
Receipt #25116 Marshall County - 2023 1st half Riparian Aid	\$ 1,280.00
Receipt #25117 Clearwater SWCD - reimbursement expenses Proj. #149B	\$ 12,595.36
Receipt #25118 Clearwater Coounty - 2023 1st half Riparian Aid	\$ 6,344.00
Receipt #25119 Red Lake County - 2022 and 2023 Riparian Aid	\$ 17,798.00
Balance as of August 9, 2023	<u>\$ 5,926,370.44</u>

Current interest rate is 2.8%

Investments

Edward Jones Balance	12 month CD 3.45% Expiry 9-15-23	<u>\$ 241,000.00</u>
Edward Jones Balance	12 month CD 3.7% Expiry 9-22-23	<u>\$ 240,000.00</u>
Edward Jones Balance	12 month CD 3.7% Expiry 9-22-23	<u>\$ 17,000.00</u>
Edward Jones Balance	12 month CD 4.8% Expiry 12-15-23	<u>\$ 238,000.00</u>
Edward Jones Balance	12 month CD 4.8% Expiry 12-15-23	<u>\$ 238,000.00</u>
Edward Jones Balance	12 month CD 4.8% Expiry 12-15-23	<u>\$ 24,000.00</u>
Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	<u>\$ 237,000.00</u>
Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	<u>\$ 237,000.00</u>
Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	<u>\$ 26,000.00</u>
Edward Jones Balance	6 month CD 5.25% Expiry 2-5-23	<u>\$ 243,000.00</u>
Edward Jones Balance	6 month CD 5.25% Expiry 2-5-23	<u>\$ 243,000.00</u>
Edward Jones Balance	6 month CD 5.15% Expiry 2-9-23	<u>\$ 14,000.00</u>
Total Cash		\$ 7,527,850.75

**Cash that has been received and
earmarked for projects:**

2022 Grant Red Lake 1W1P Proj. #149	\$ 535,575.00
2022 Grant Thief River 1W1P Proj. #149A	\$ 264,946.00
2023 Grant Clearwater 1W1P Proj. #149B	\$ 487,363.00
Mid Point Grant Proj. #149	\$ 25,000.00
Chief Coulee Proj. #46S	<u>\$ 214,375.00</u>
	\$ 1,527,259.00

Payables committed to by board action:

TRF Reservoir Water Intake Proj. #63	\$ 38,400.00
Chief Coulee Proj. #46S	<u>\$ 108,935.00</u>
	\$ 147,335.00

Total accessible cash (Est) \$ 5,853,256.75

ADVERTISEMENT FOR BIDS

Sealed Bids for the construction of the **Pine Lake Project Phase II – Lost River Bridge Replacement** will be received by the **Red Lake Watershed District** at **1000 Pennington Ave** until **9:30 AM** local time on **September 28, 2023** at which time the Bids received will be publicly opened and read. The **Pine Lake Project Phase II – Bridge Replacement**, located 1.5 miles south and 0.5 miles west of Gonvick, Minnesota, consists of replacing the existing concrete arch culvert through the roadway with a reinforced box culvert and changing the vertical curve of the gravel roadway at that location.

Each bid will be received for a single prime Contract. Bids will be on a lump sum and unit price basis.

The Issuing Office for the Bidding Documents is:

Red Lake Watershed District Office

1000 Pennington Ave

Thief River Falls, MN 56701

Prospective Bidders may examine the Bidding Documents at the Issuing Office on Mondays through Fridays between the hours of 8:00 AM – 4:00 PM.

Each bidder shall accompany the Bid Form with Bid Security and a responsible Contractor's Affidavit as described in the instructions to Bidders.

The successful bidder(s) must be a "responsible contractor." The term "responsible contractor" means a contractor as defined in Minnesota Statutes, section 16C.285, subdivision 3. Any prime contractor, subcontractor, or motor carrier that does not meet the minimum criteria or fails to comply with the verification requirements is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project. A prime contractor, subcontractor, or motor carrier that makes a false statement under oath verifying compliance with the minimum criteria will be ineligible to be awarded a construction contract on the project, and the submission of a false statement may result in termination of a contract awarded to a prime contractor, subcontractor, or motor carrier that submits the false statement. A prime contractor shall include in its verification of compliance a list of all of its first-tier subcontractors that it intends to retain for work on the project. Before execution of a construction contract, a prime contractor shall submit a supplemental verification under oath confirming that all subcontractors and motor carriers that the prime contractor intends to use to perform project work have verified to the prime contractor, through a signed statement under oath by an owner or officer, that they meet the minimum criteria for a responsible contractor.

It is the Bidder's responsibility to inquire as to addenda issued.

Contractors must take affirmative action to ensure that employees and applicants for employment are not discriminated against because of race, color, creed, religion, national origin, sex, marital status, age, sexual orientation, disability, familial status or status with regard to public assistance.

The Red Lake Watershed District Board of Managers reserves the right to reject any and all Bids and to waive any irregularities.

For all further requirements regarding bid submittal, qualifications, procedures, and contract award, refer to the Instructions to Bidders that are included in the Bidding Documents.

Bidding Documents may be viewed and obtained online through the Quest Construction Data Network (QuestCDN.com) with the QuestCDN eBidDoc number **8632948**. Complete sets of Bidding Documents may be downloaded from the QuestCDN website portable document format (PDF) files.

The Owner reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of the Owner. The Owner reserves the right to hold all bids for a period of

ninety (90) days after the date of opening thereof. The right to adjourn the letting of the contract to a time and place other than noted herein, or to reject any and all bids, is reserved.

Representatives from HDR are available to address questions concerning the project design. They can be reached at (218) 681-6100 (213 LaBree Ave N, Suite 203, Thief River Falls, MN).

Bid security shall be furnished in accordance with the Instructions to Bidders.

Owner: **Red Lake Watershed District**

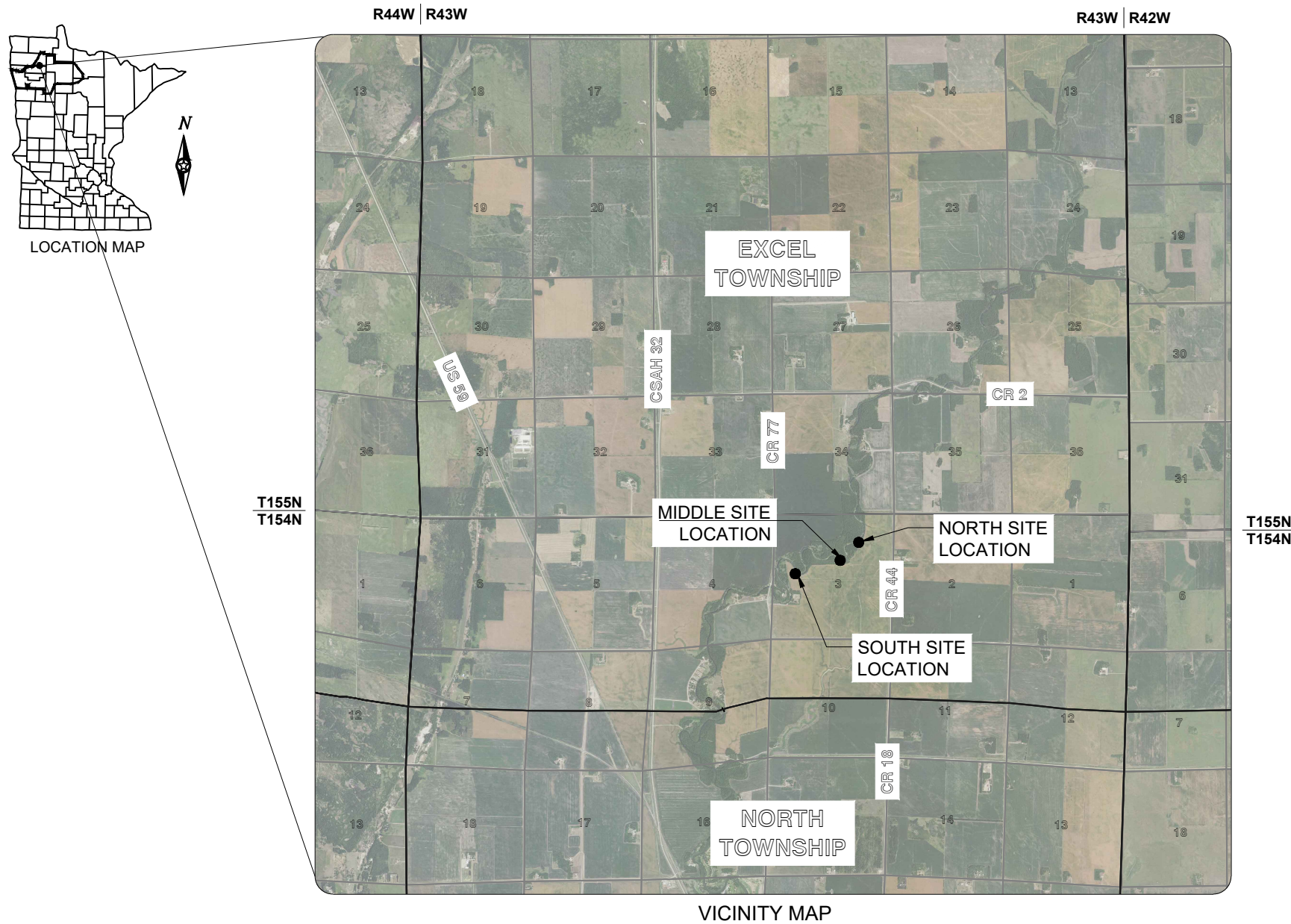
By: **Tammy Audette**

Title: **Administrator**

Date: **September 1, 2023**

++ END OF ADVERTISEMENT FOR BIDS ++

CONSTRUCTION PLANS FOR THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT SECTION 3 EXCEL TWP, MARSHALL COUNTY AUGUST, 2023



SHEET INDEX

1	COVER SHEET
2	ESTIMATED QUANTITIES AND CONSTRUCTION NOTES
3	SITE MAP
4	TYPICAL SECTIONS
5	TOE-WOOD CONSTRUCTION EXAMPLE
6	SOUTH SITE - PLAN AND PROFILE
7	SOUTH SITE - CROSS SECTIONS
8	MIDDLE SITE - PLAN AND PROFILE
9	MIDDLE SITE - CROSS SECTIONS
10	NORTH SITE - PLAN AND PROFILE
11	NORTH SITE - CROSS SECTIONS
12	TEMPORARY SEDIMENT CONTROL

THIS PLAN CONTAINS 12 SHEETS

UTILITY NOTE:

UNDERGROUND UTILITIES WERE NOT LOCATED AS PART OF THE PRELIMINARY SURVEY OR DATA GATHERING FOR THIS SITE.

STATE LAW REQUIRES THE EXCAVATOR TO CONTACT GOPHER STATE ONE-CALL AT (800) 252-1166 FOR UTILITY LOCATION 48 HOURS PRIOR TO START OF EXCAVATION WORK.

GOVERNING SPECIFICATIONS:

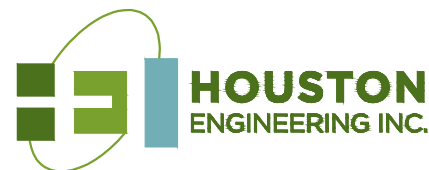
THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

PREPARED BY:



THIEF RIVER FALLS, MINNESOTA

Preliminary

08/09/2023 1:35:50 PM

H:\BNA\3600\3655\0099\Thief River SD 83 Streambank Stab 2020\3655-0099-003\CAD\Plans\SEC.dwg: Estimated Quantities-8/9/2023 12:48 PM: (nelson)

NOTES	ITEM NO.	ITEM	UNIT	QUANTITY
	2021.501	MOBILIZATION	LUMP SUM	1
(6)	2101.501	CLEARING AND GRUBBING	LUMP SUM	1
(1) (2)	2106.507	EXCAVATION - COMMON (P)	CU. YD.	3,971
(1) (5)	2106.507	COMMON EMBANKMENT (P) (CV)	CU. YD.	411
	2573.503	FLOATATION SILT CURTAIN TYPE MOVING WATER	LIN. FT.	150
(3) (4)	2575.501	TURF ESTABLISHMENT	LUMP SUM	1
(6)	2577.601	TOE-WOOD DEBRIS	CU. YD.	1,258
	2577.601	SOD MAT	SQ. YD.	755

BASIS OF ESTIMATED QUANTITIES	
SEED, MIXTURE 21-112	25 LB/ACRE
SEED, MIXTURE 25-141	59 LB/ACRE
FERTILIZER, TYPE 20-0-10	250 LB/ACRE
MULCH MATERIAL, TYPE 1	2 TON/ACRE

CONSTRUCTION NOTES:

- (P) DENOTES A PLAN QUANTITY ITEM WITH NO ADDITIONAL COMPENSATION MADE. (CV) DENOTES A COMPACTED VOLUME QUANTITY.
- ITEM NO. 2106.507, "EXCAVATION - COMMON (P)" SHALL INCLUDE EXCAVATION OF ALL MATERIALS ENCOUNTERED TO THE LINE AND GRADE SHOWN IN THE PLANS INCLUDING, BUT NOT LIMITED TO, STRIPPING/STOCKPILING/PLACING TOPSOIL, AND DISPOSAL OF UNSUITABLE EMBANKMENT MATERIAL. ALL EXCAVATION REQUIRED TO PLACE TOE-WOOD DEBRIS IS QUANTIFIED AND PAID FOR UNDER ITEM NO. 2106.507 "EXCAVATION - COMMON (P)".
- ANY DISTURBED VEGETATED AREAS ARE REQUIRED TO BE SEEDED. ALL SEEDING, FERTILIZER, AND MULCHING SHALL BE PAID FOR UNDER ITEM NO 2575.501 "TURF ESTABLISHMENT".
- ALL ACCESS ROUTES AND ROADWAYS ARE REQUIRED TO BE REPAIRED TO A PRE-CONSTRUCTION STATE AND SHALL BE CONSIDERED INCIDENTAL TO TURF ESTABLISHMENT WITH NO ADDITIONAL PAYMENT MADE THEREOF.
- ITEM NO. 2106.507, "COMMON EMBANKMENT (P) (CV)" SHALL INCLUDE ALL FILL AREAS SHOWN OUTSIDE THE TOE-WOOD AND SOD MAT INSTALLATION. EXCAVATION REQUIRED FOR THE TOE-WOOD INSTALLATION SHALL BE USED AS COMMON EMBANKMENT. ADDITIONAL MATERIAL REQUIRED FOR COMMON EMBANKMENT SHALL BE TAKEN FROM AREAS WITHIN THE RIGHT OF WAY AS DIRECTED BY THE ENGINEER.
- ITEM NO. 2101.501, "CLEARING AND GRUBBING" SHALL INCLUDE ONLY CLEARING AND GRUBBING ACTIVITY PERFORMED WITHIN THE CONSTRUCTION LIMITS SHOWN ON THE PLAN. ALL CLEARING AND GRUBBING MATERIAL SHALL BE USED FOR TOE-WOOD DEBRIS INSTALLATION AND WILL ALSO BE PAID FOR UNDER ITEM NO. 2577.601, "TOE-WOOD DEBRIS". ADDITIONAL TOE-WOOD DEBRIS NEEDED TO COMPLETE THE BIOENGINEERING INSTALLATION SHALL ONLY BE PAID FOR UNDER ITEM NO. 2577.601, "TOE-WOOD DEBRIS".

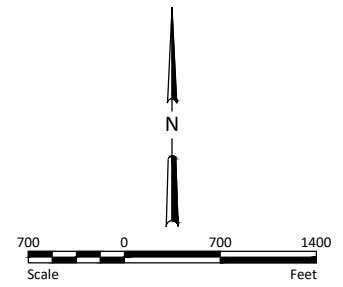
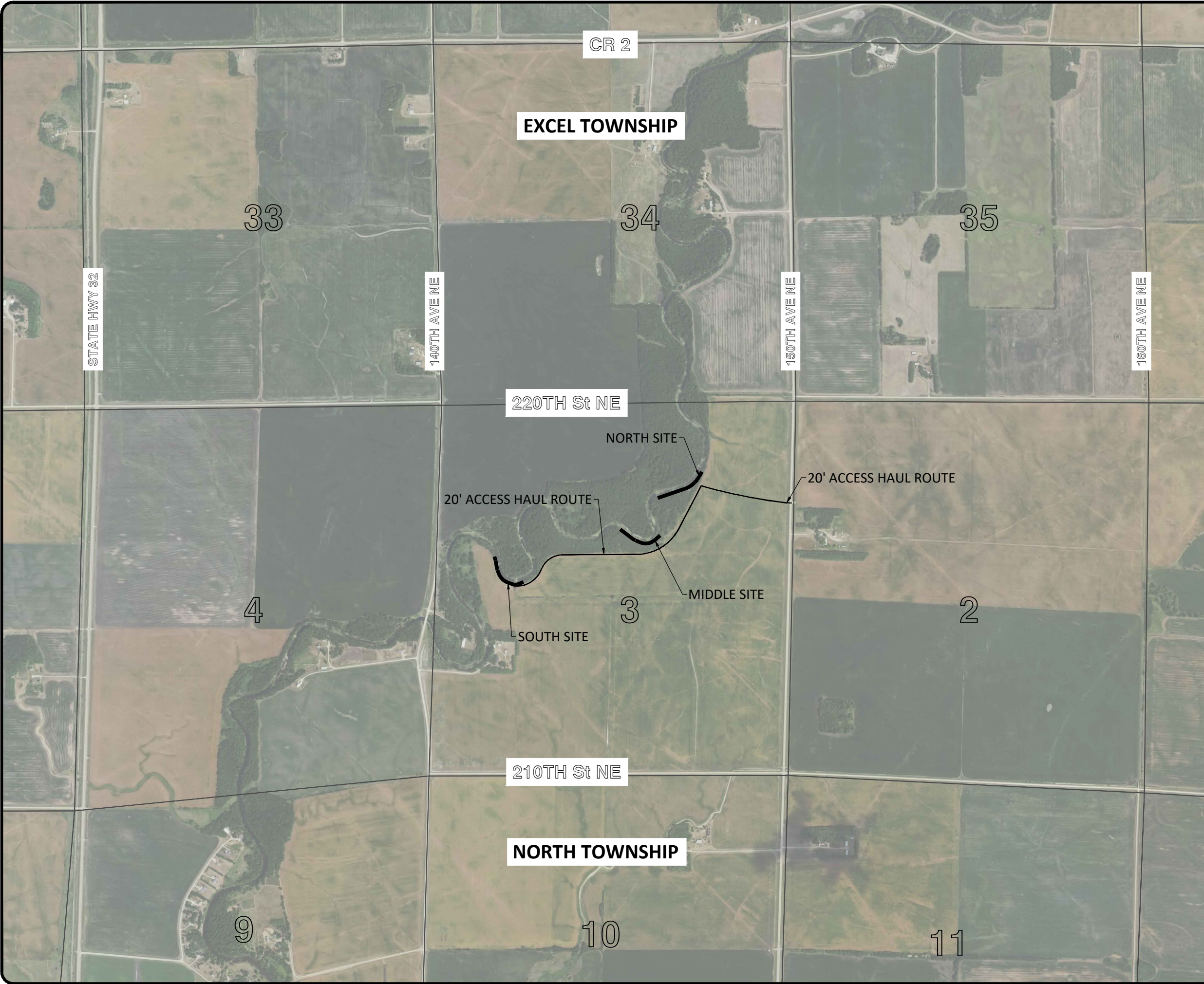
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

By	
Date	
Revision	
No.	
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA ESTIMATED QUANTITIES AND CONSTRUCTION NOTES	
 HOUSTON engineering, inc.	
Drawn By	KHC
Checked By	TAN
Date	XX-XX-XX
Scale	As Shown
Project No.	3655-0099
SHEET	2

H:\JBA\3600\3655\3655-0099 Thief River SD 88 Streambank Stab 2020\3655-0095-003\CAD\Plans\5083-SITE_MAP2.dwg-SITE MAP-8/9/2023 12:49 PM-(tnelson)



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

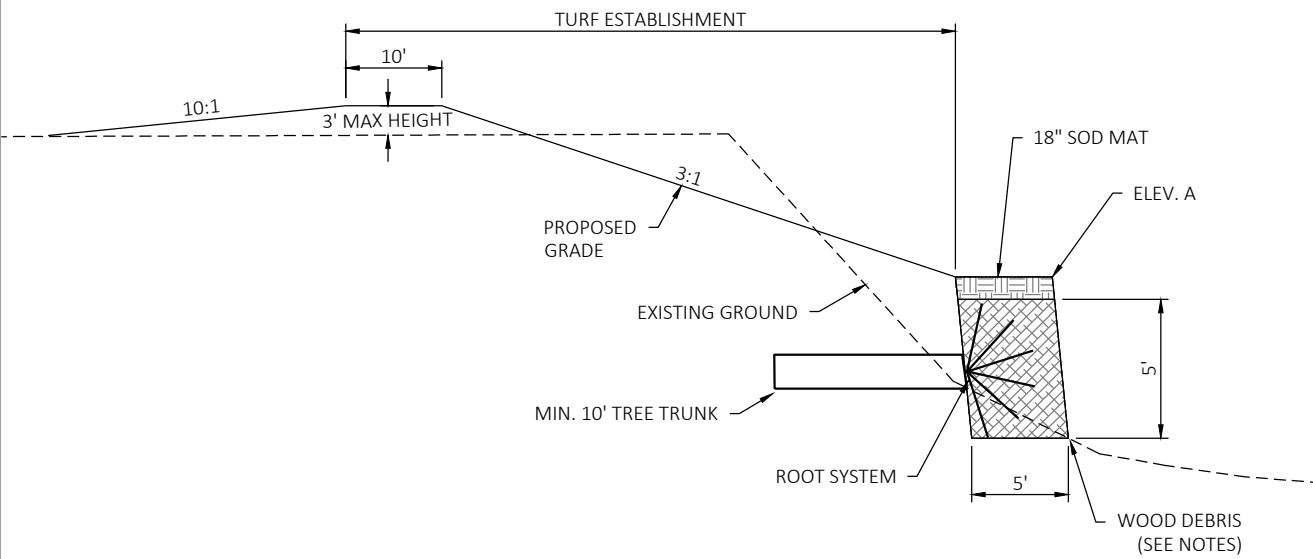
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA		No.	Revision	Date	By
SITE MAP					
 Houston Engineering, Inc.		Drawn By	KHC		
		Checked By	TAN		
		Date	XX-XX-XX		
		Scale	As Shown		
		Project No.	3655-0099		
		SHEET	3		

NORTH SITE ESTIMATED QUANTITIES			
ITEM.NO.	ITEM	UNIT	QUANTITY
2106.507	COMMON EMBANKMENT (P) (CV)	CY	211
2106.507	EXCAVATION - COMMON (P)	CY	797
2577.601	TOE-WOOD DEBRIS	CY	407
2577.601	SOD MAT	SY	244

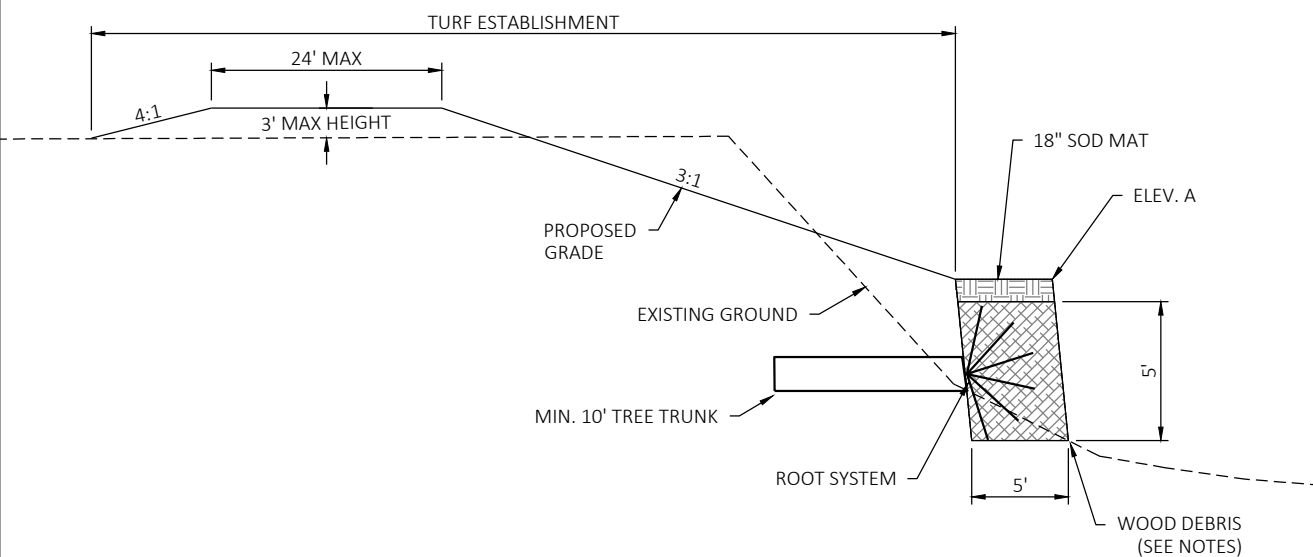
MIDDLE SITE ESTIMATED QUANTITIES			
ITEM.NO.	ITEM	UNIT	QUANTITY
2106.507	COMMON EMBANKMENT (P) (CV)	CY	112
2106.507	EXCAVATION - COMMON (P)	CY	2,023
2577.601	TOE-WOOD DEBRIS	CY	444
2577.601	SOD MAT	SY	267

SOUTH SITE ESTIMATED QUANTITIES			
ITEM. NO.	ITEM	UNIT	QUANTITY
2106.507	COMMON EMBANKMENT (P) (CV)	CY	88
2106.507	EXCAVATION - COMMON (P)	CY	1,151
2577.601	TOE-WOOD DEBRIS	CY	407
2577.601	SOD MAT	SY	244

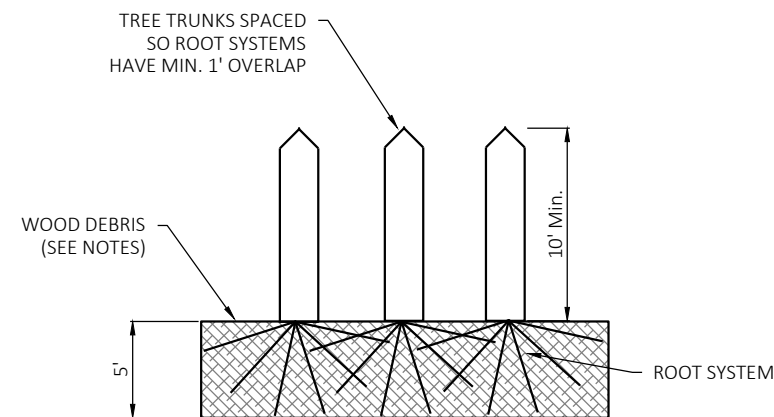
TOE-WOOD AND SOD MAT ESTIMATED QUANTITIES AND ELEVATIONS			
SITE	ELEVATION A	SOD (SY)	TOE-WOOD (CY)
NORTH	1126.50	244	407
MIDDLE	1126.00	267	444
SOUTH	1125.00	244	407



TOE-WOOD TYPICAL SECTION SOUTH SITE
NOT TO SCALE



TOE-WOOD TYPICAL SECTION NORTH & MIDDLE SITE
NOT TO SCALE



TOE-WOOD TYPICAL PLAN VIEW
NOT TO SCALE

NOTES:

1. THE TREE ROOT SYSTEM PORTION OF THE TOE-WOOD INSTALLATION IS TO BE INSTALLED 5 FT WIDE BY VARYING FT IN DEPTH BELOW 18" SOD MAT.
2. TOE-WOOD SHALL CONSIST OF TREE ROOT SYSTEMS WITH A MINIMUM 10FT PORTION OF THE TRUNK STILL ATTACHED. THE ROOT SYSTEMS SHALL BE PLACED WITH A MINIMUM OVERLAP OF 1 FEET.
3. ADDITIONAL WOOD DEBRIS IS REQUIRED TO RAISE 5 FOOT WIDE BY 5 FOOT DEPTH BENCH TO SPECIFIED ELEVATION. ACCEPTABLE DEBRIS CONSISTS OF ANY WOOD MATERIAL THAT HAS SUFFICIENT LIMBS TO LINK TO TREE ROOTS/OTHER DEBRIS.
4. ACCEPTABLE WOOD DEBRIS SHALL BE DETERMINED BY THE ENGINEER OR FIELD REPRESENTATIVE.
5. COMPACTION OF WOOD DEBRIS IS REQUIRED. SUFFICIENT COMPACTION SHALL BE DETERMINED BY THE ENGINEER OR FIELD REPRESENTATIVE.
6. SOD MAT SHALL CONSIST OF SUFFICIENT PLANT GROWTH TO BIND THE SOD MAT TOGETHER. SOD MATS CONTAINING WILLOWS AND/OR DENSE STANDS OF GRASSES ARE CONSIDERED IDEAL. ACCEPTABLE SOD MATERIAL SHALL BE DETERMINED BY ENGINEER OR FIELD REPRESENTATIVE.
7. ENGINEER TO STAKE LIMITS OF TOE-WOOD DEBRIS BENCH.

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

H:\BNA\3600\3655\0099\Thief River SD 83 Streambank Stab 2020\3655-0099-003\CAD\Plans\TYPICAL_SECTIONS.dwg-TYPICAL_SECTIONS-8/9/2023 12:50 PM-(melson)

THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA	TYPICAL SECTIONS
Houston engineering, inc.	Houston engineering, inc.
Drawn By KHC	Checked By TAN
Date XX-XX-XX	Scale As Shown
Project No. 3655-0099	SHEET 4

Toe Wood-Sod Mat: Construction Examples

Spruce Creek



Unstable bank encroaching on a picnic shelter. Toe of bank is eroding causing slumping and stream is overwide.



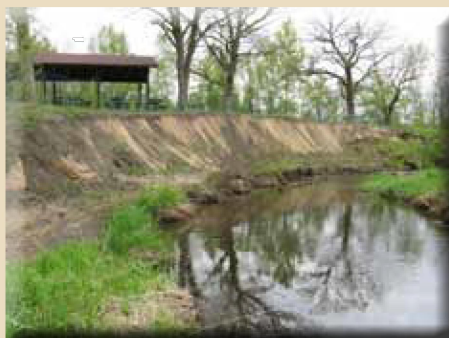
Construction of bankfull bench. A layer of woody debris and fill was placed along the bank toe then covered with live willow cuttings (in foreground).



Collection of local dogwood and willow sod mats with very dense root mats.

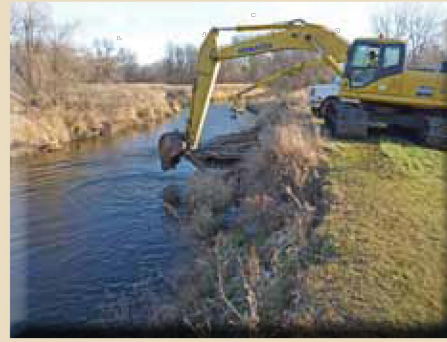


Placement of final layer of sod mats on the constructed bench at bankfull elevation.



Finished bank stabilization project: Vegetated bankfull bench and a graded streambank protected with erosion control blankets.

Buffalo River



Unstable bank and failing flood control dike protecting a mobile home park. The project started with the placement of woody debris and insertion of root wads.



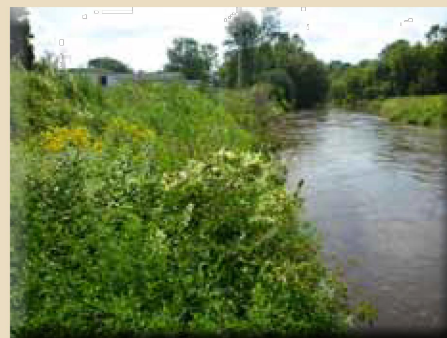
The completed woody debris layer with incorporated root wads. The upper bank was regraded with a more gentle slope.



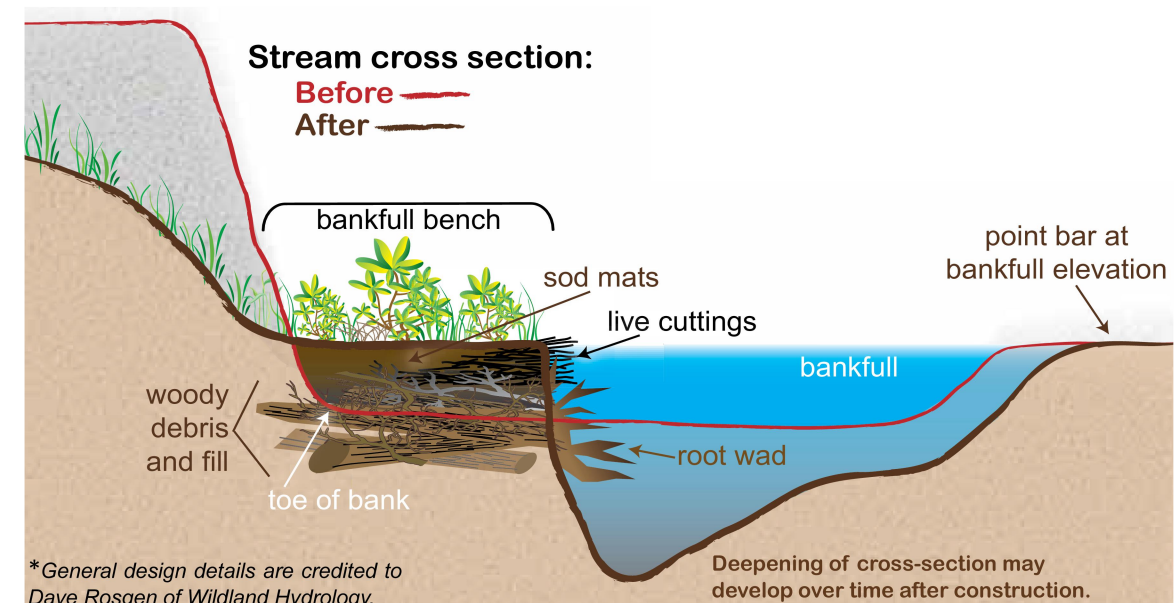
Dirt was added as fill and rooting material to the woody debris layer.



Locally collected red-osier dogwood and willow sod mats were placed on the constructed bench at bankfull elevation.



Project was completed with a vegetated bankfull bench and a re-graded upper bank seeded with native seed mix. New growth was thriving the next summer.

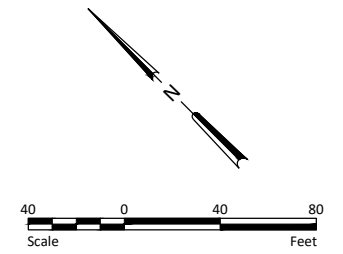
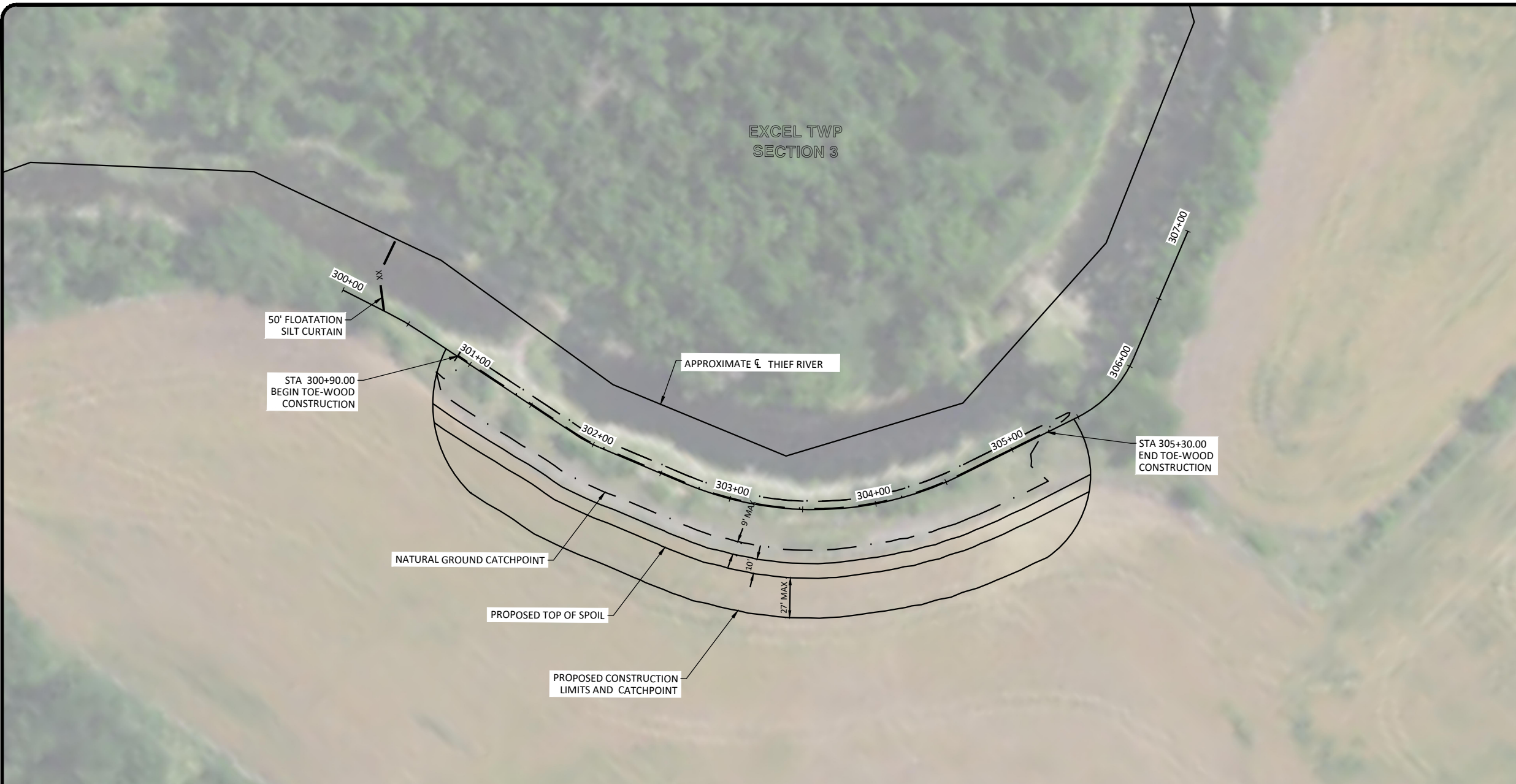


Minnesota DNR
 Understanding Our Streams Toe Wood-Sod Mat
 Factsheet
 December 2010
https://files.dnr.state.mn.us/publications/waters/toe_woodsod_mat_dec2010.pdf

H:\BNA\3600\3655\3655 Streambank Stab 2020\3655-0099-003\CAD\Plans\TYPICAL_SECTION.dwg-TOE WOOD EXAMPLE-8/9/2023 12:50 PM-(melson)

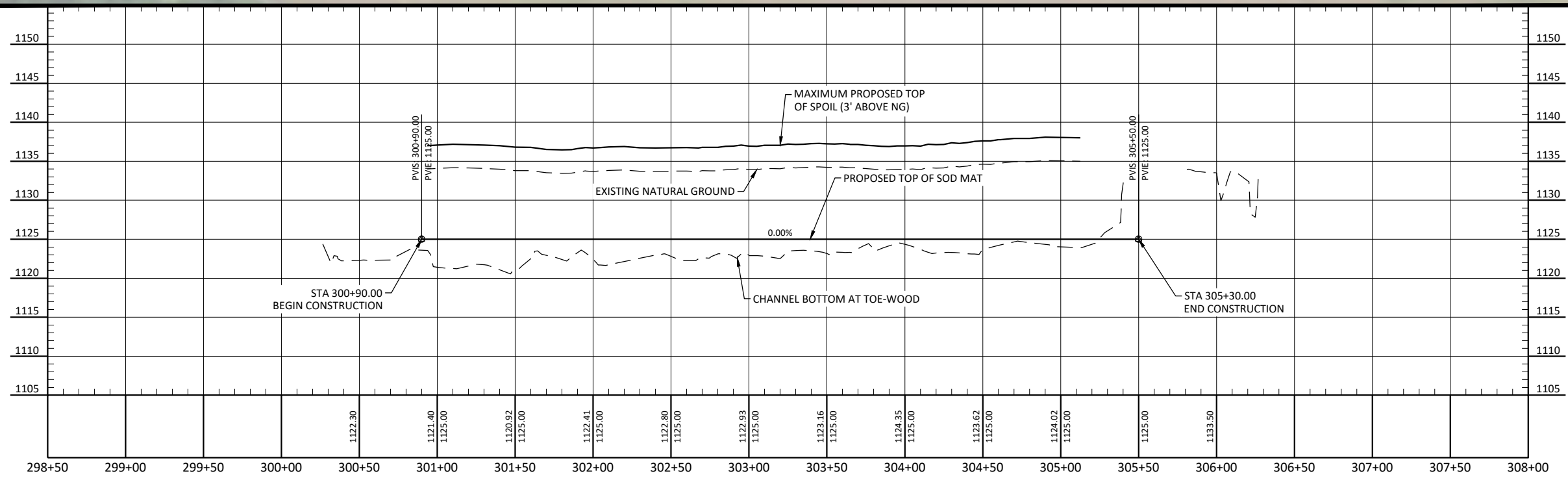
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA		TOE-WOOD SOD MAT CONSTRUCTION EXAMPLE	
No.	Revision	Date	By
Drawn By KHC		Checked By TAN	
Date XX-XX-XX		Scale As Shown	
Project No. 3655-0099		SHEET 5	

EXCEL TWP
SECTION 3



NOTE:
ADDITIONAL TOE WOOD AND SOD MAT
MAY BE NEEDED OUTSIDE THE
CONSTRUCTION LIMITS. LOCATION AND
SOURCE SHALL BE NEGOTIATED BY THE
CONTRACTOR WITH THE LANDOWNER
WITH NO ADDITIONAL COMPENSATION
MADE THEREOF.

H:\JBA\3655\3655-0099 Thief River SD 88 Streambank Stab 2020\3655-0099-003\CAD\Plans\PLAN_AND_PROFILE.dwg-South Site (1-8/9/2023 12:51 PM)-(nelson)



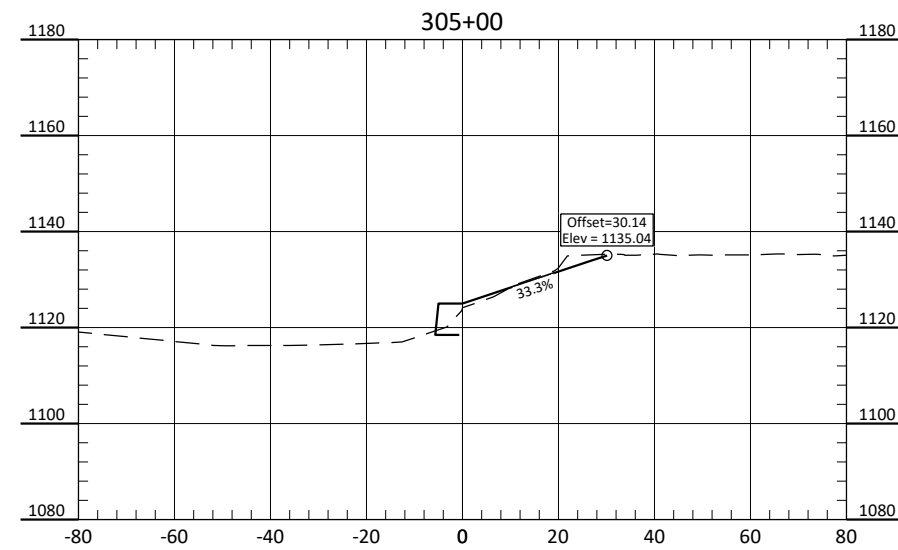
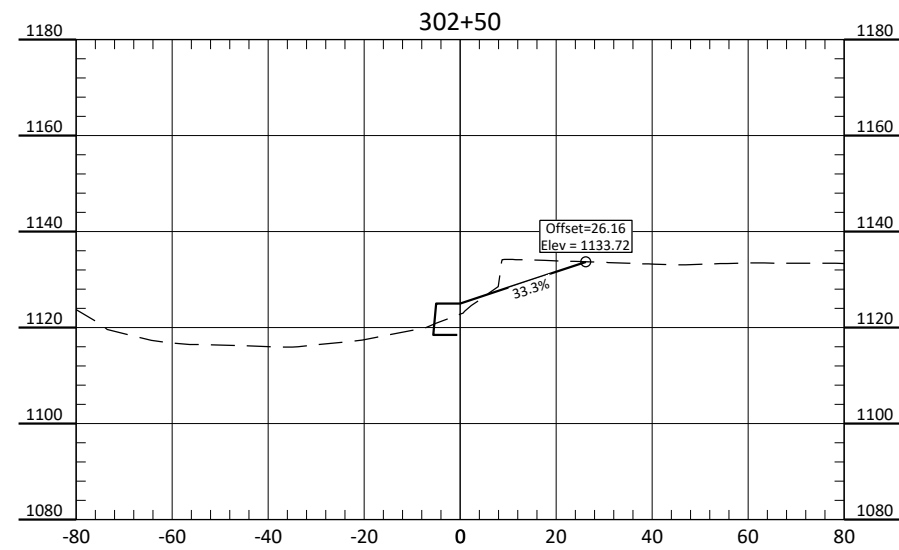
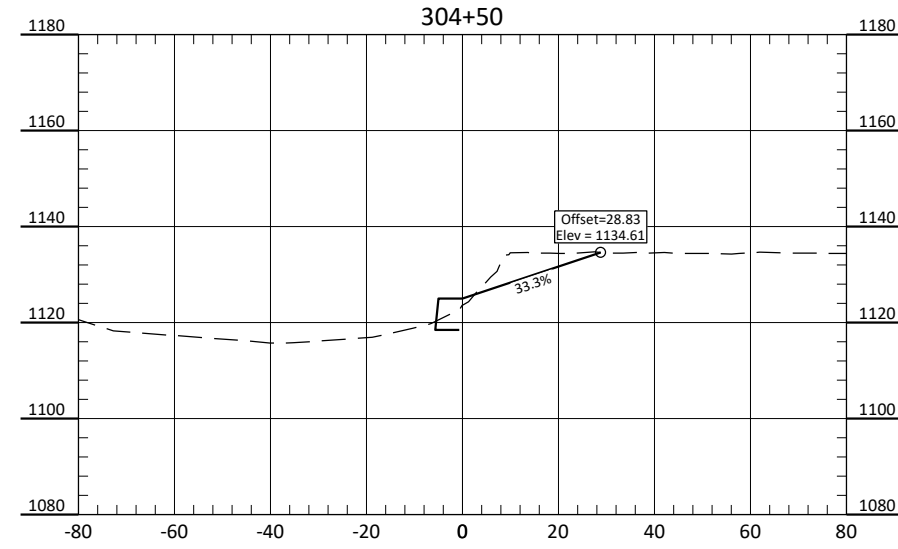
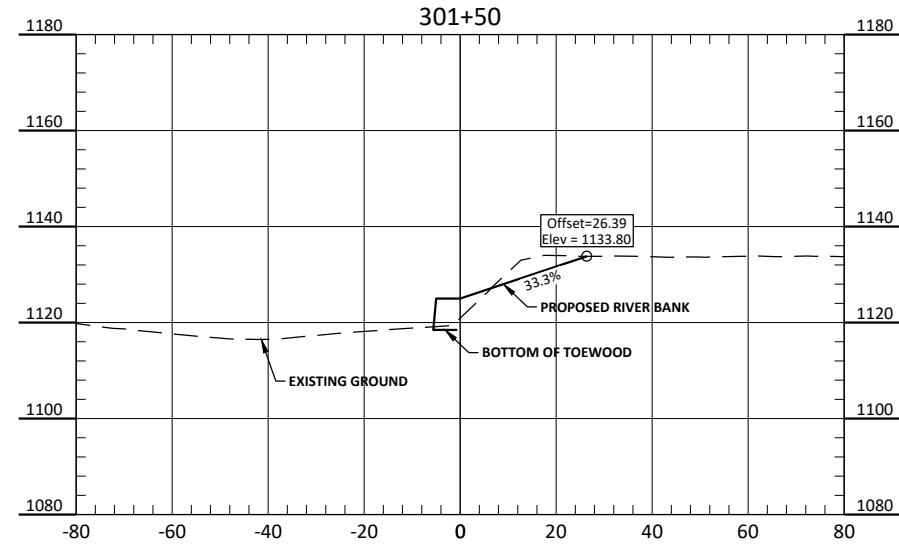
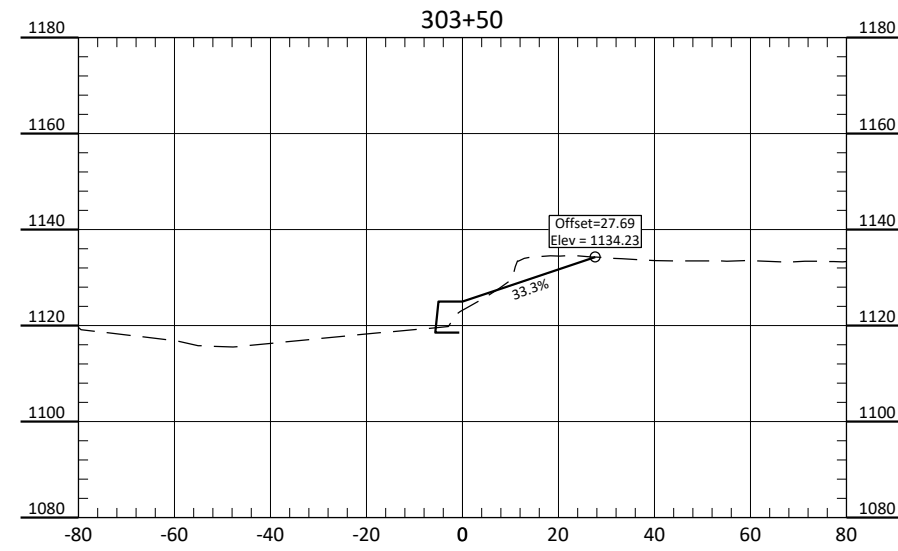
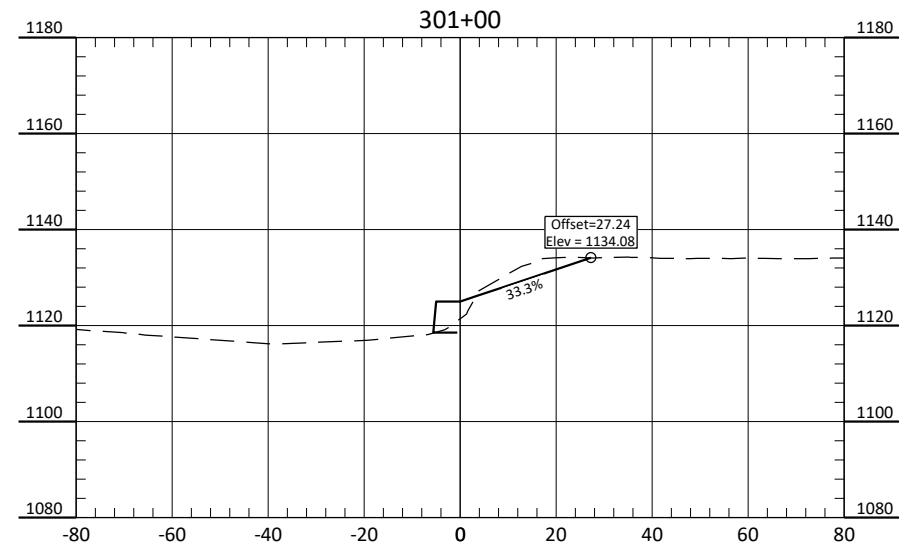
By	
Date	
Revision	
No.	
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA	
SOUTH SITE - PLAN AND PROFILE	
Drawn By	KHC
Checked By	TAN
Date	XX-XX-XX
Scale	As Shown
Project No.	3655-0099
SHEET 6	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

H:\JBM\3600\3655\3655-0099 Thief River SD 88 Streambank Stab 2020\3655-0095-003\CAD\Plans\Cross Sections.dwg-CROSS SECTIONS (SOUTH)-8/9/2023 12:52 PM-(tnelson)



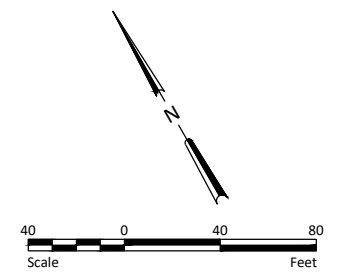
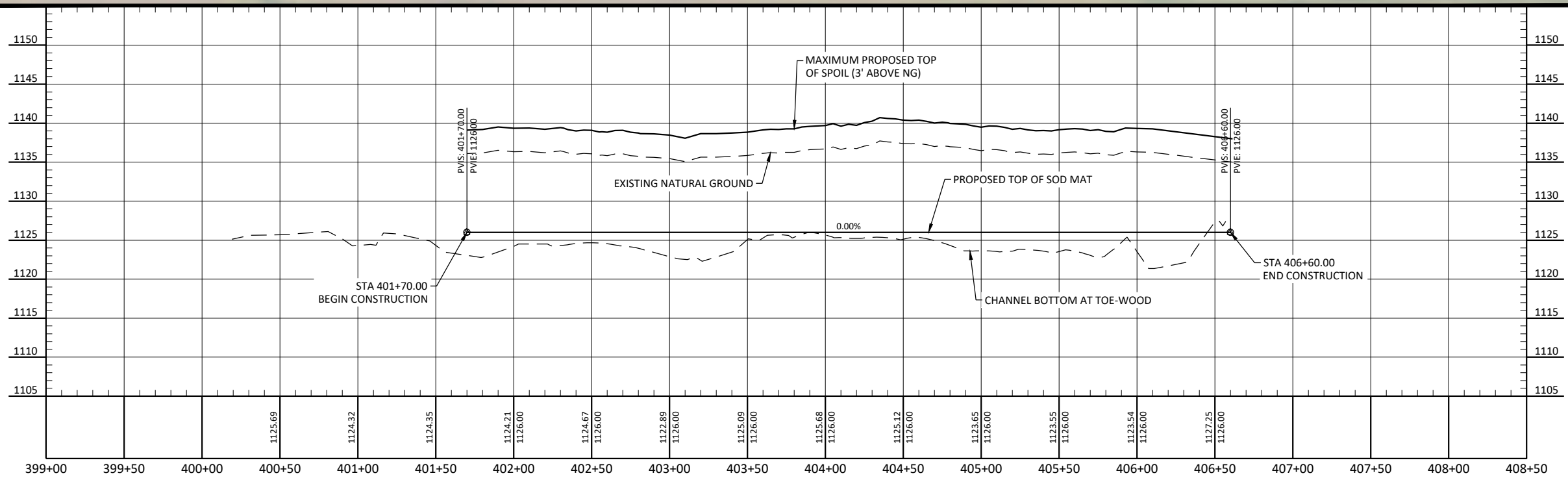
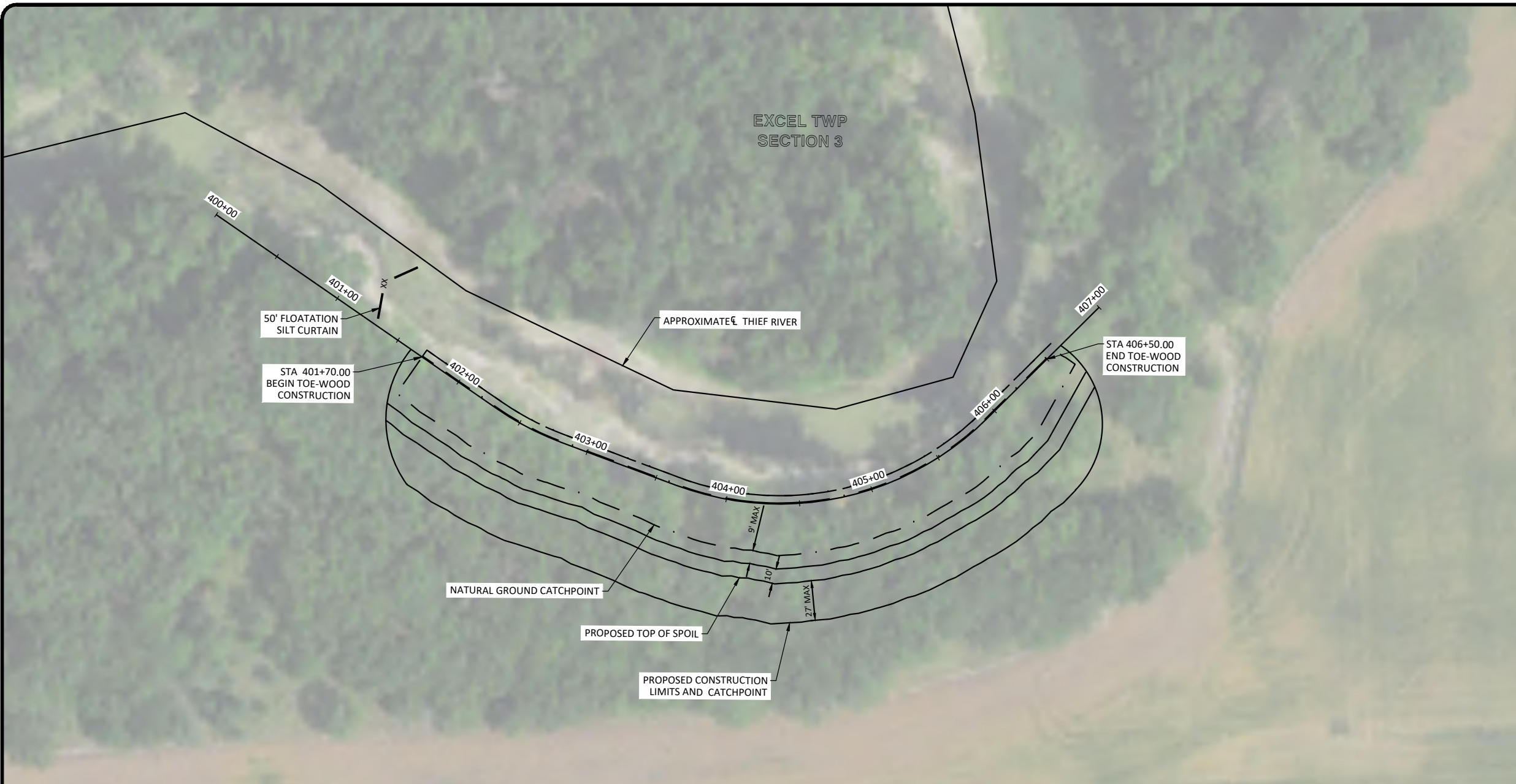
No.	Revision	Date	By

THIEF RIVER STREAMBANK STABILIZATION PROJECT
RED LAKE WATERSHED DISTRICT
MARSHALL COUNTY, MINNESOTA
SOUTH SITE - CROSS SECTIONS



Drawn By
KHC
Checked By
TAN
Date
XX-XX-XX
Scale
As Shown
Project No.
3655-0099

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NOTE:
 ADDITIONAL TOE WOOD AND SOD MAT
 MAY BE NEEDED OUTSIDE THE
 CONSTRUCTION LIMITS. LOCATION AND
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 CONTRACTOR WITH THE LANDOWNER
 WITH NO ADDITIONAL COMPENSATION
 MADE THEREOF.

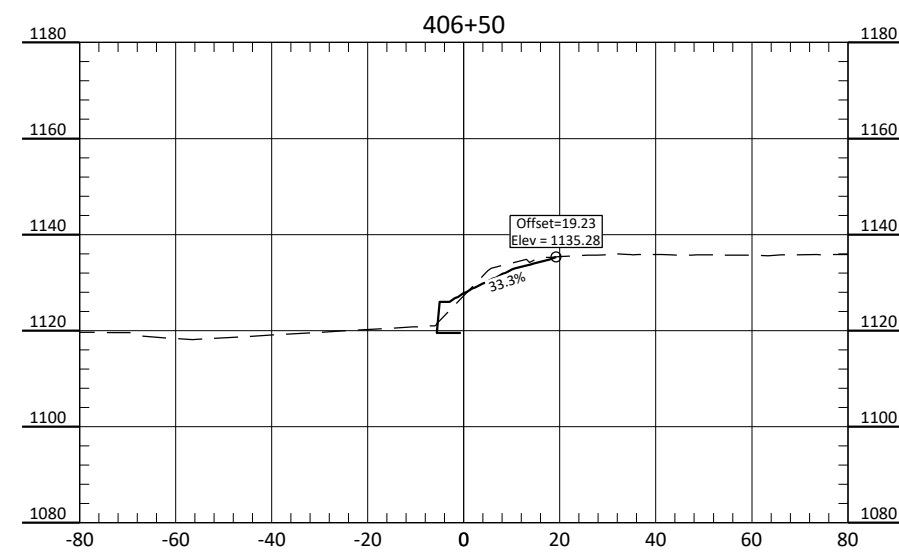
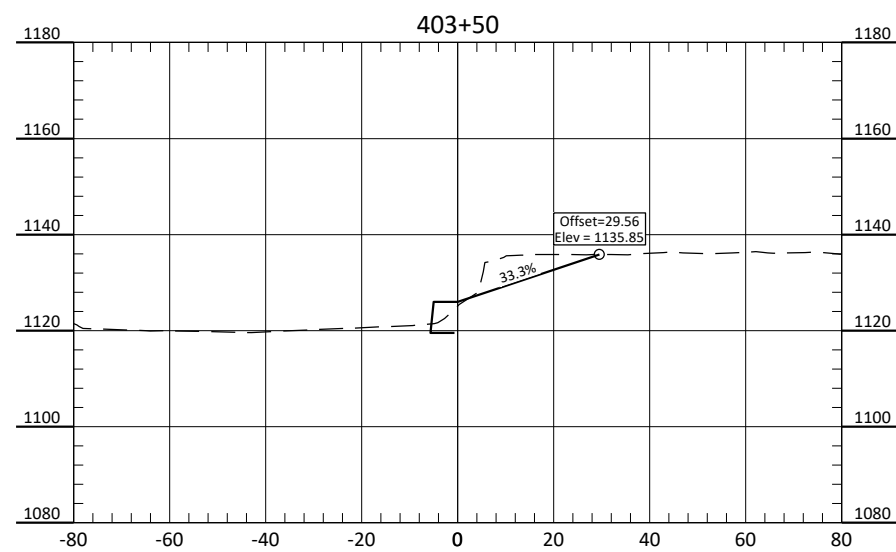
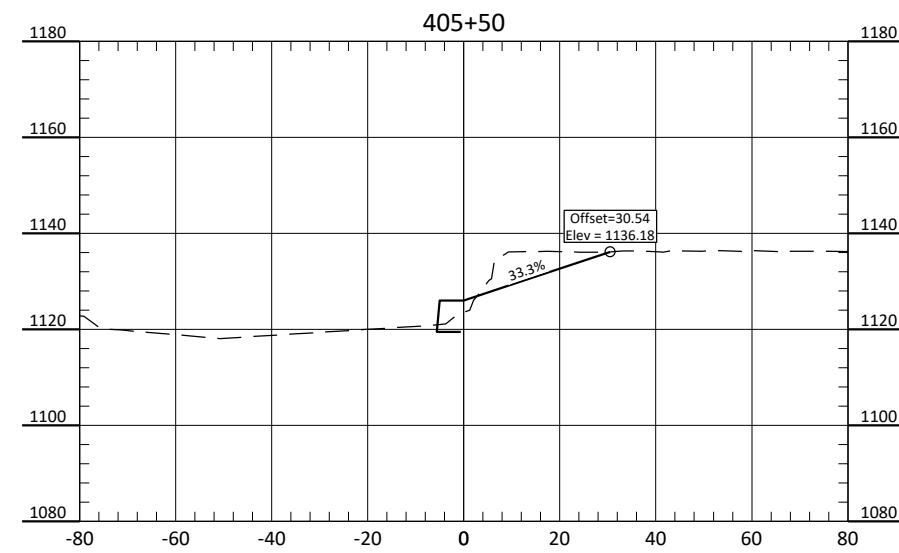
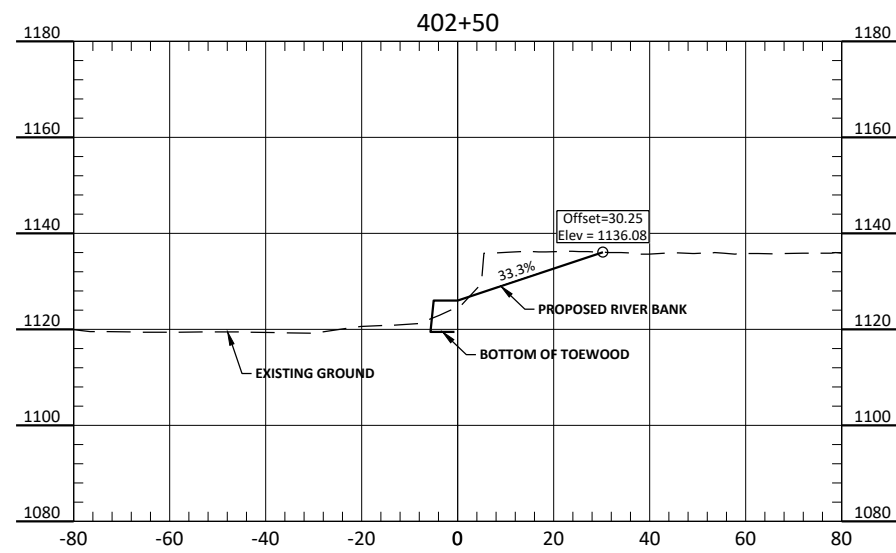
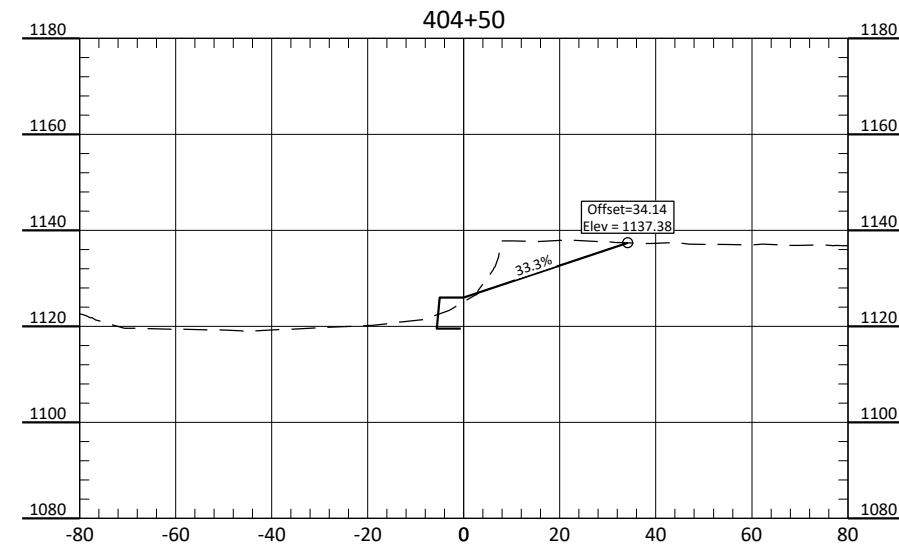
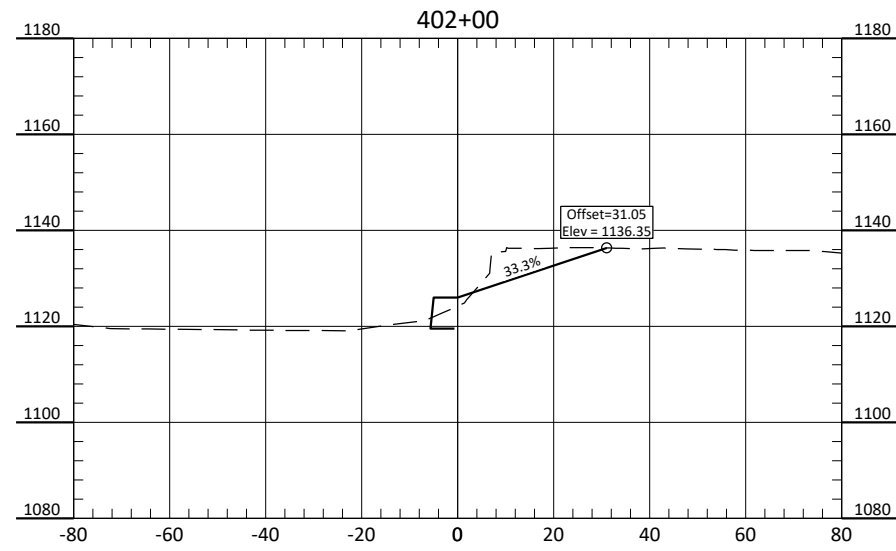
By	
Date	
Revision	
No.	
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA MIDDLE SITE - PLAN AND PROFILE	
Drawn By	KHC
Checked By	TAN
Date	XX-XX-XX
Scale	As Shown
Project No.	3655-0099
SHEET 8	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
 License No. 51392

Date: _____

H:\JBM\3600\3655\3655-0099 Thief River SD 83 Streambank Stab 2020\3655-0095-003\CAD\Plans\Cross Sections.dwg - Cross Sections.dwg (MIDDLE)-8/9/2023 12:54 PM (melbon)



No.	Revision	Date	By

THIEF RIVER STREAMBANK STABILIZATION PROJECT
RED LAKE WATERSHED DISTRICT
MARSHALL COUNTY, MINNESOTA

MIDDLE SITE - CROSS SECTIONS

Drawn By
KHC

Checked By
TAN

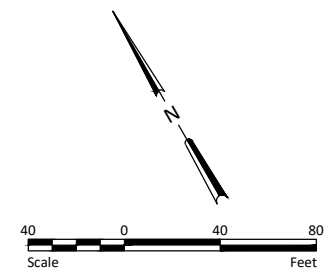
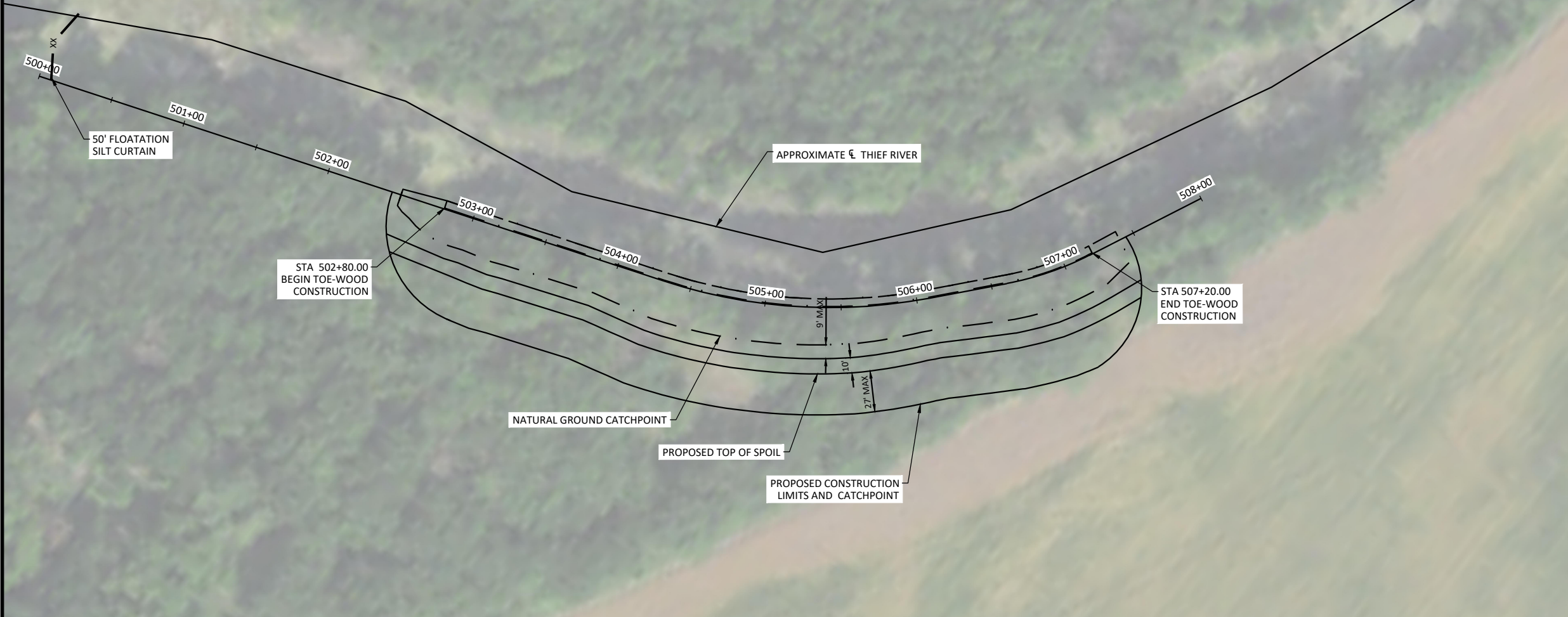
Date
XX-XX-XX

Scale
As Shown

Project No.
3655-0099

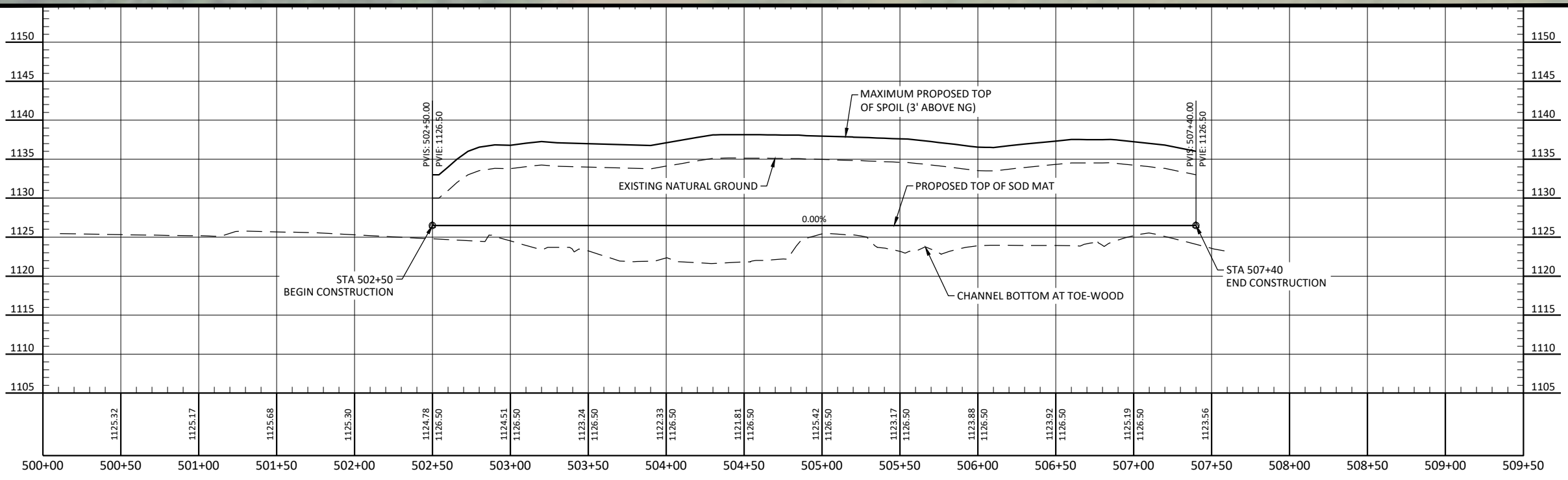
SHEET
9

EXCEL TWP
SECTION 3



NOTE:
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WITH NO ADDITIONAL COMPENSATION
MADE THEREOF.

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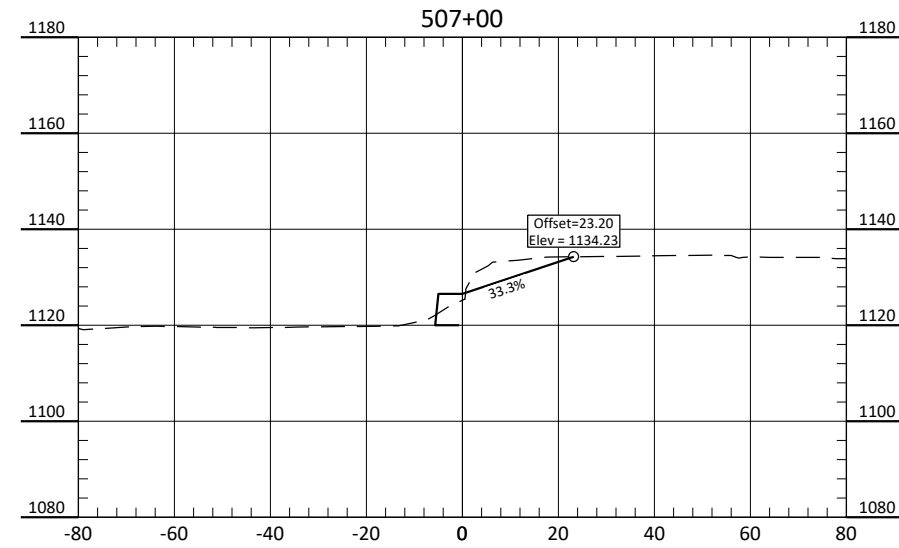
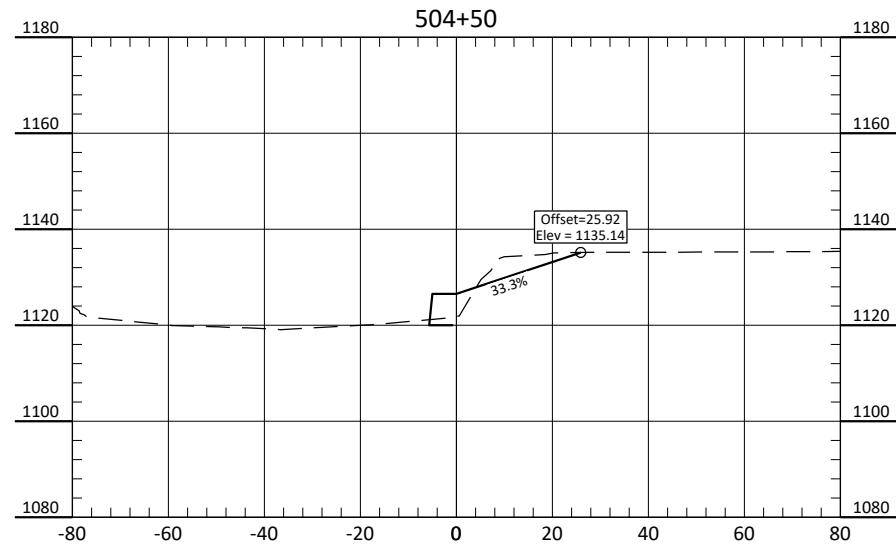
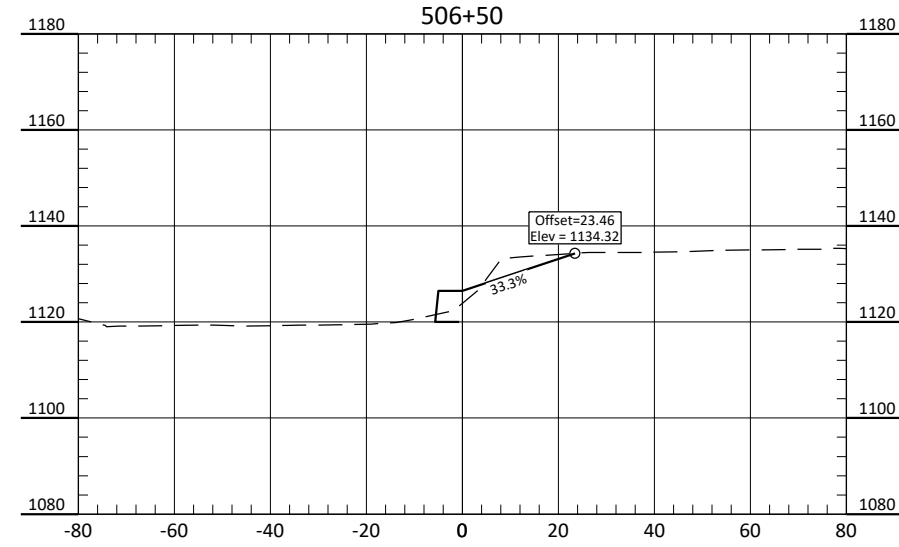
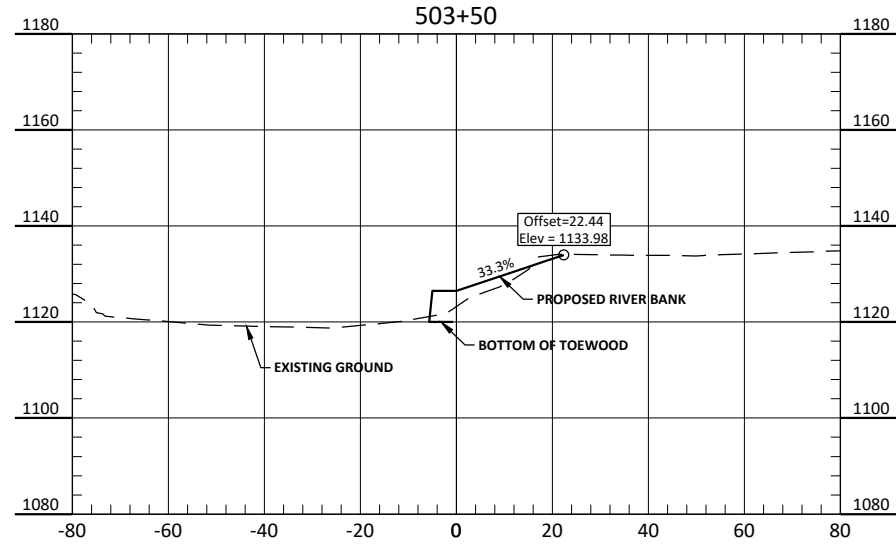
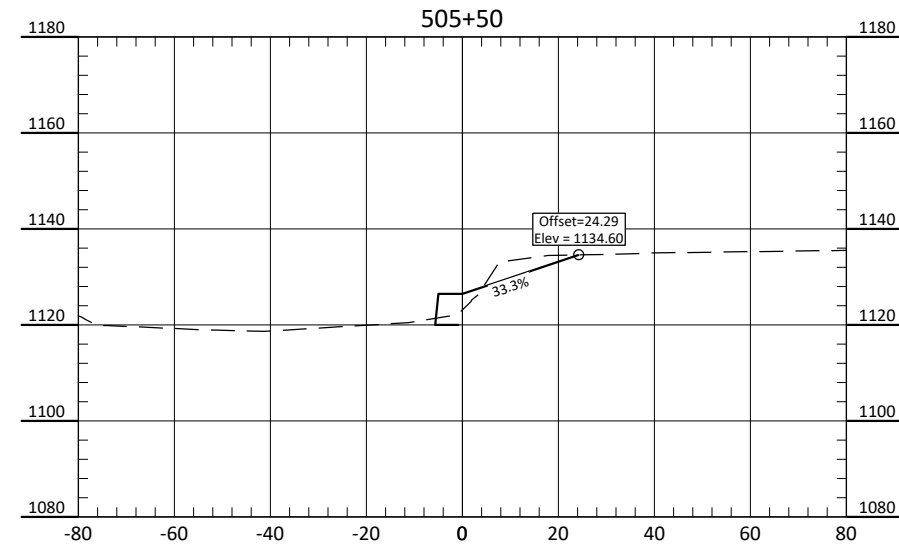
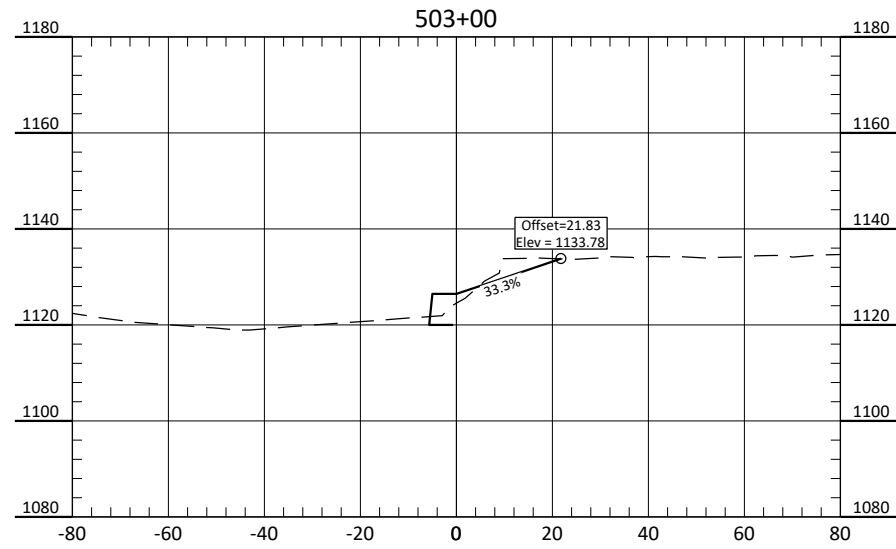
By	
Date	
Revision	
No.	
THIEF RIVER STREAMBANK STABILIZATION PROJECT RED LAKE WATERSHED DISTRICT MARSHALL COUNTY, MINNESOTA NORTH SITE - PLAN AND PROFILE	
Drawn By	KHC
Checked By	TAN
Date	XX-XX-XX
Scale	As Shown
Project No.	3655-0099
SHEET	10

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

Tony A. Nordby
License No. 51392

Date: _____

H:\JBM\3600\3655\3655-0099 Thief River SD 88 Streambank Stab 2020\3655-0095-003\CAD\Plans\Cross Sections.dwg - Cross Sections.dwg (North) - 8/9/2023 12:55 PM - (tnelson)



No.	Revision	Date	By

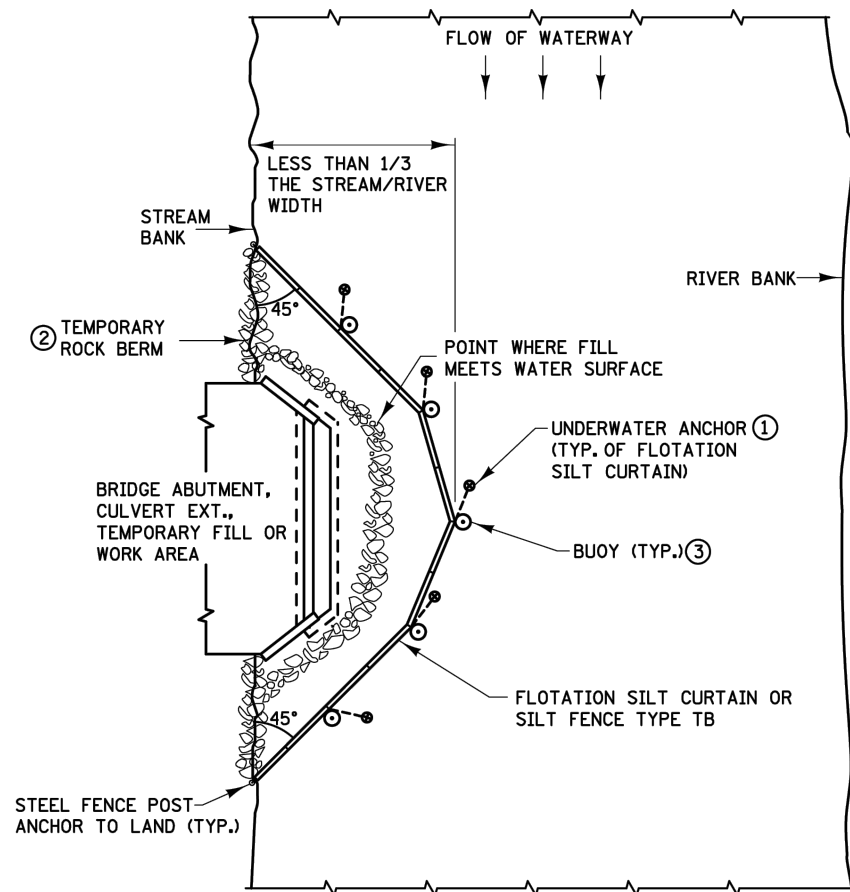
THIEF RIVER STREAMBANK STABILIZATION PROJECT
RED LAKE WATERSHED DISTRICT
MARSHALL COUNTY, MINNESOTA
NORTH SITE - CROSS SECTIONS



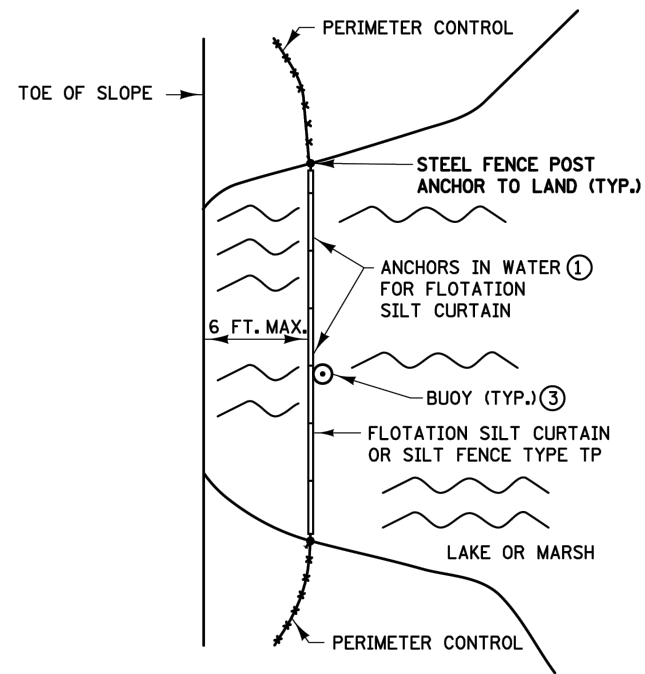
Drawn By
KHC
Checked By
TAN
Date
XX-XX-XX
Scale
As Shown
Project No.
3655-0099

PLOTTED/REVISED: 4-APR-2018

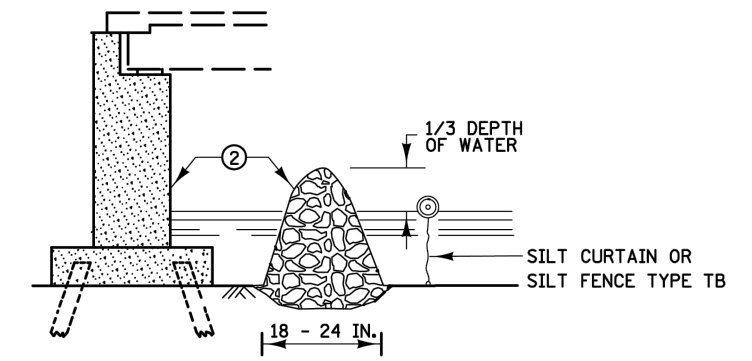
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PLAN VIEW FOR STREAM ⑤



PLAN VIEW FOR LAKE OR MARSH ⑤

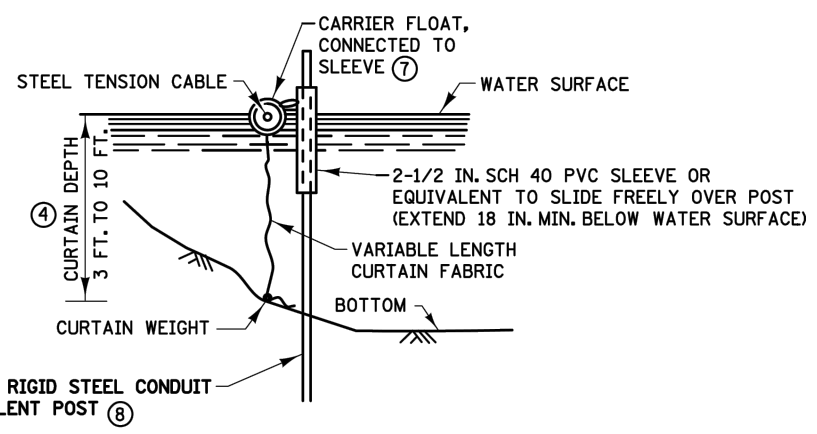


TEMPORARY ROCK BERM FOR SEDIMENT CONTROL

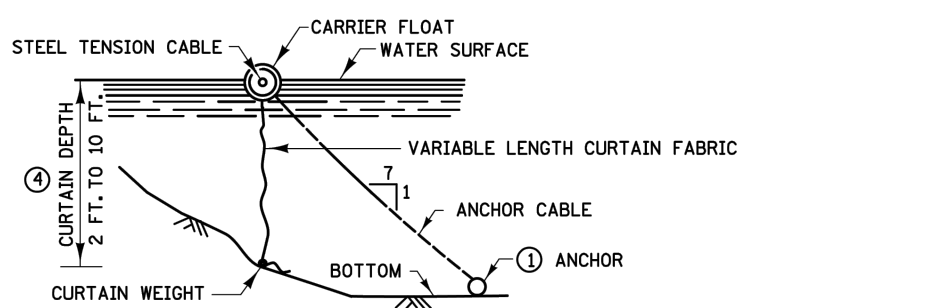
INSTALLATION GUIDELINES SILT FENCE TYPE TB
 MINIMUM WATER DEPTH: 1 FT.
 MAXIMUM WATER DEPTH: 3 FT.
 MAXIMUM WATER VELOCITY: 5 FT./SEC.

INSTALLATION GUIDELINES FLOTATION SILT CURTAIN TYPE: STILL WATER ④
 MINIMUM WATER DEPTH: 3 FT.
 MAXIMUM WATER DEPTH: 10 FT.
 MAXIMUM WATER VELOCITY: 2 FT./SEC.
 MAXIMUM WAVE HEIGHT: 1 FT

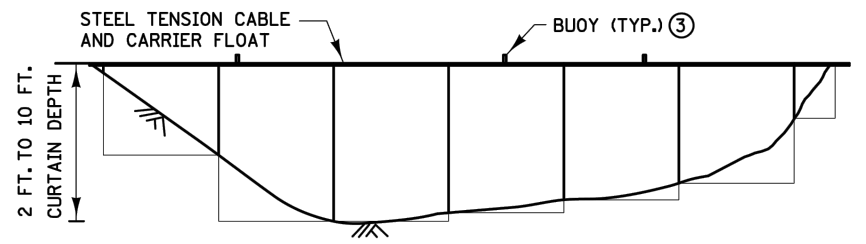
INSTALLATION GUIDELINES FLOTATION SILT CURTAIN TYPE: MOVING WATER ④
 MINIMUM WATER DEPTH: 3 FT.
 MAXIMUM WATER DEPTH: 10 FT.
 MAXIMUM WATER VELOCITY: 5 FT./SEC.
 MAXIMUM WAVE HEIGHT: 2 FT.



ALTERNATE FLOTATION SILT CURTAIN



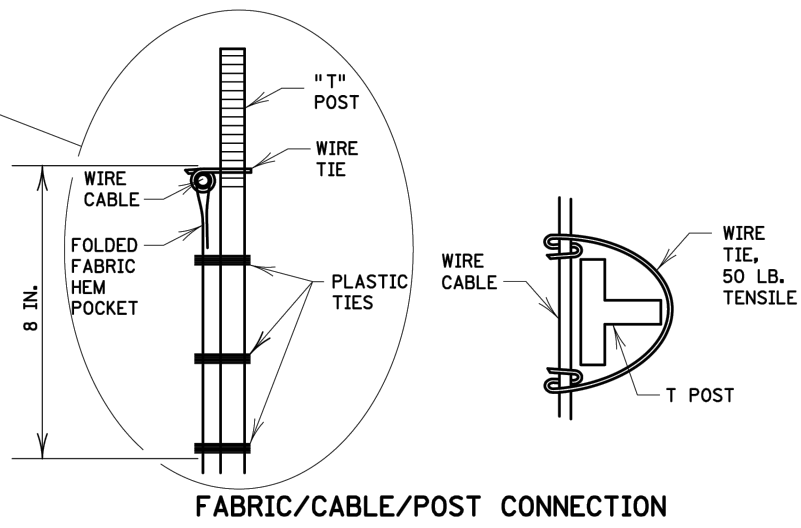
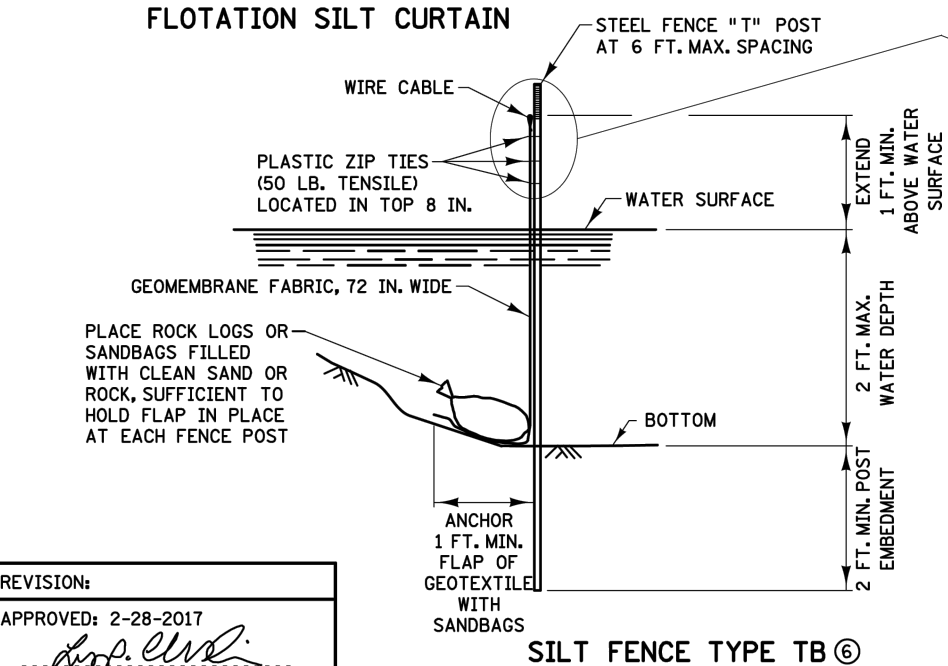
FLOTATION SILT CURTAIN



FRONT VIEW FOR FLOTATION SILT CURTAIN

NOTES:

- SEE SPECS. 2573, 3886, 3887 & 3893.
- ① FOR ANCHOR SPACING AND WEIGHT REQUIREMENTS, SEE SPEC. 2573.
- ② IN AREAS WHERE THE PLAN CALLS FOR RIPRAP AT A BRIDGE, CULVERT, OR SLOPE, A TEMPORARY ROCK BERM CONSTRUCTED FROM THE RIPRAP CAN BE USED TO PROVIDE ADDITIONAL PROTECTION. WHEN THE WORK IS COMPLETE THE RIPRAP CAN THEN BE MOVED TO THE PERMANENT LOCATION INDICATED IN THE PLANS. THE TEMPORARY ROCK BERM IS INCIDENTAL.
- ③ ON U.S. COAST GUARD OR OTHER MOTORIZED WATERWAYS, BUOYS ARE REQUIRED TO MARK THE ENDS AND SPECIAL AREAS FOR VISIBILITY. PLACE BUOYS AS REQUIRED FOR NAVIGATIONAL PURPOSES.
- ④ MINIMUM WATER DEPTH APPLIES TO THE DEEPEST POINT ALONG THE FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB FOR DETERMINING APPLICABILITY OF FLOTATION SILT CURTAIN OR SILT FENCE TYPE TB.
- ⑤ SILT CURTAIN SHOULD BE REMOVED WHEN THE AREA CONTRIBUTING DIRECT RUNOFF HAS BEEN TEMPORARILY OR PERMANENTLY STABILIZED. SILT CURTAIN SHOULD ALSO BE REMOVED BEFORE WINTER IF ICE UP OR ICE FLOW IS ANTICIPATED.
- ⑥ EMBED POST INTO BOTTOM A MINIMUM OF 40% OF THE WATER DEPTH (INCLUDING WAVE HEIGHT), BUT IN NO CASE SHALL EMBEDMENT BE LESS THAN 2 FEET.
- ⑦ ANCHOR FLOAT MUST BE CONNECTED SECURELY TO SLEEVE WITH A MINIMUM TENSILE STRENGTH OF 100 LBS. CONNECTION METHOD MUST ALLOW FOR SLEEVE TO MOVE FREELY ON POST.
- ⑧ PROVIDE SUFFICIENT NUMBER OF POST ANCHORS TO MAINTAIN SILT CURTAIN POSITION.



FABRIC/CABLE/POST CONNECTION

REVISIONS:
 APPROVED: 2-28-2017
 [Signature]
 CHIEF ENVIRONMENTAL OFFICER

	STANDARD PLAN 5-297.405	1 OF 8	TEMPORARY SEDIMENT CONTROL SILT CURTAIN OR SILT FENCE TYPE TB		
		APPROVED: 2-28-2017 REVISED:			

PRELIMINARY OPINION OF PROBABLE COST
THIEF RIVER STREAMBANK STABILIZATION PROJECT
MARSHALL COUNTY, MN
RED LAKE WATERSHED DISTRICT
8/9/2023

Item No.	Item	Unit	Quantity	Unit Price	Total Costs
2021.501	MOBILIZATION	Lump Sum	1	\$ 20,000.00	\$ 20,000.00
2101.501	CLEARING AND GRUBBING	Lump Sum	1	\$ 18,000.00	\$ 18,000.00
2106.507	EXCAVATION - COMMON (P)	CY	3,971	\$ 10.00	\$ 39,710.00
2106.507	COMMON EMBANKMENT (P) (CV)	CY	411	\$ 15.00	\$ 6,165.00
2573.503	FLOATATION SILT CURTAIN TYPE MOVING WATER	LF	150	\$ 25.00	\$ 3,750.00
2575.501	TURF ESTABLISHMENT	Lump Sum	1	\$ 10,000.00	\$ 10,000.00
2577.601	TOE-WOOD DEBRIS	CY	1,258	\$ 65.00	\$ 81,770.00
2577.601	SOD MAT	SY	755	\$ 40.00	\$ 30,200.00
Total Construction Cost					\$ 209,595.00

Tammy Audette

From: Erik Jones <ejones@houstoneng.com>
Sent: Friday, August 4, 2023 12:09 PM
To: Tammy Audette
Cc: Charles Fritz; Dave Kirkpatrick; Tony Nordby
Subject: 10-Year Floodplain Mapping Pilot
Attachments: Red Lake1.pdf; Red Lake2.pdf

Hi Tammy,

The International Water Institute (IWI) and Houston Engineering partnered to work with the RRWMB and the Flood Damage Reduction Work Group to look at methods for mapping 10-year floodplains in support of the goals of the 1998 Mediation Agreement. At this time, we are looking to identify potential pilots for the work. An ideal pilot would be either an area that has not been mapped or an area that has some existing hydraulic modeling in place that can be used to validate some of the methods we have been asked to consider. A couple locations will be selected throughout the Red River Basin.

Would the RLWD have some areas that you feel would make good candidates for this pilot mapping effort? Attached are a couple work maps that cover the RLWD that the IWI has assembled...you could use this to identify locations you think might be good. I've cc:'d Tony Nordby in case he might have some ideas.

I have a project subcommittee meeting on August 18th so would be good to have your thoughts before then.

Thanks,

Erik Jones, PE*

Senior Civil Engineer | Principal

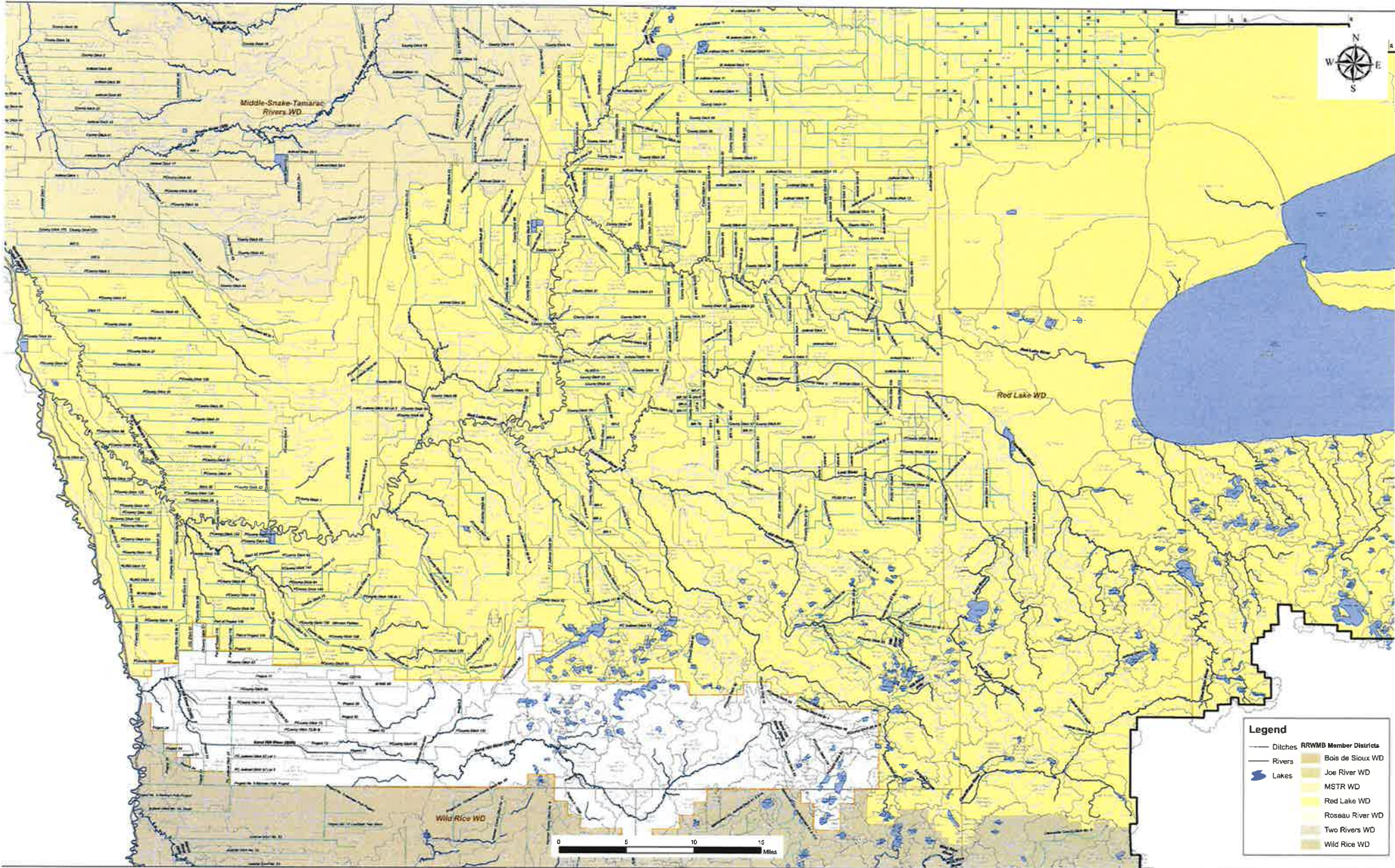
O 701.237.5065 | D 701.499.2055

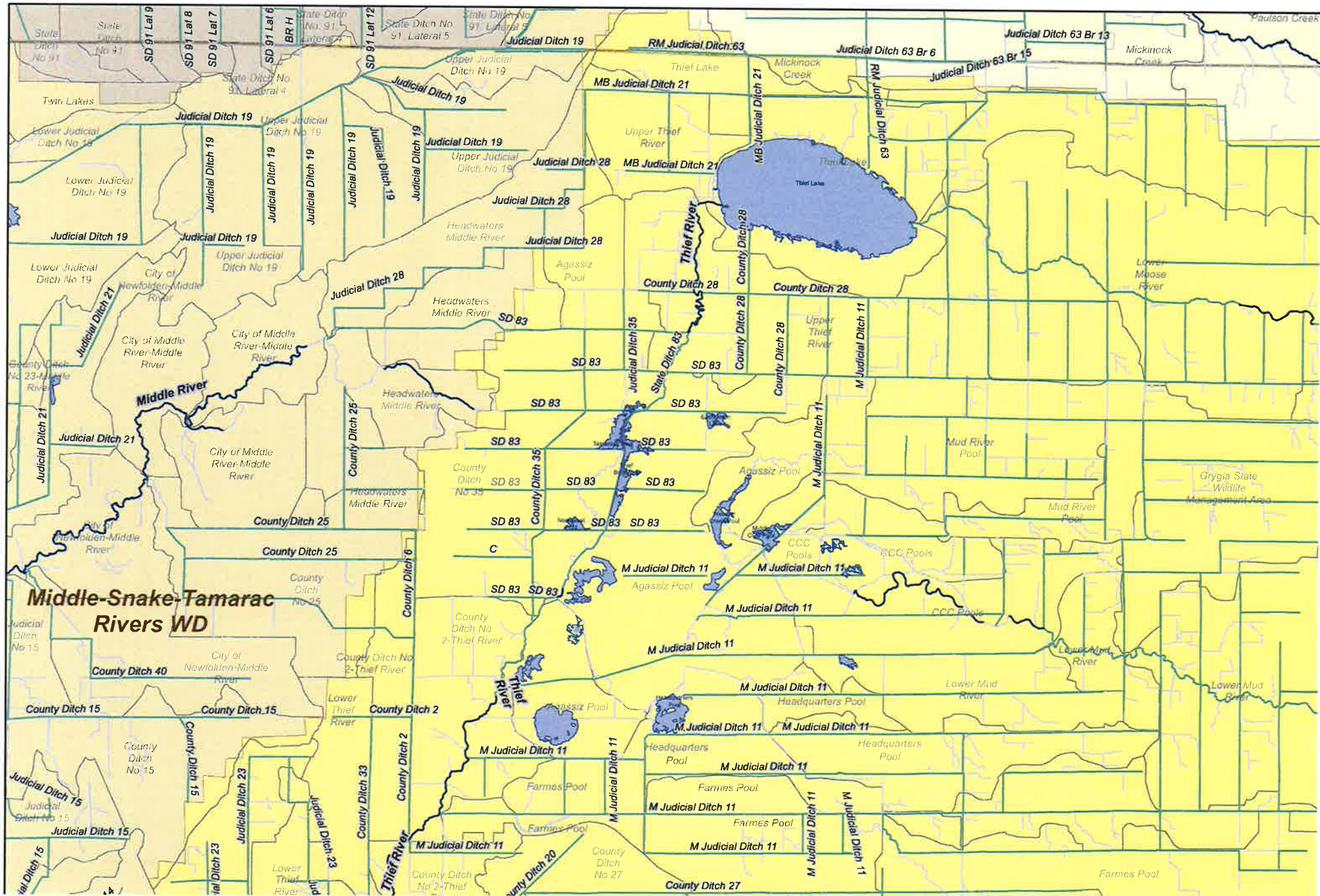


*Licensed in MN, ND, SD

This message shall not be construed as official project information or direction except as expressly provided in the contract documents. This entire message (including all forwards and replies) and any attachments are for the sole use of the intended recipient(s) and may contain proprietary, confidential, trade secret, work-product, attorney-client or privileged information. Any unauthorized review, use, disclosure or distribution is prohibited and may be a violation of law. If you are not the intended recipient, please contact the sender by reply email and destroy all copies of the original message.

RRWMB Scoping Models Map





PARTIAL PAYMENT ESTIMATE

Client Project No.

HEI Project No.

3655-0106

PAYMENT NUMBER: 2

Project: Robert Fladeland Ring Dike

PERIOD OF ESTIMATE:

Location: Section 31, Rocksbury Twp., Pennington County

FROM **7/26/2023** TO **8/8/2023**

CONTRACT CHANGE ORDER SUMMARY

ESTIMATE

Change Order		AMOUNT	
NO.	DATE	ADDITIONS	DEDUCTIONS
TOTALS		\$ -	\$ -
NET CHANGE		\$ -	\$ -

1. Original Contract	\$	141,284.60
2. Change Orders	\$	-
3. Revised Contract (1+2)	\$	141,284.60
4. Work Completed*	\$	123,413.10
5. Stored Materials*	\$	-
6. Adjustments*	\$	-
7. Subtotal (4+5+6)	\$	123,413.10
8. Retainage 5.00%	\$	6,170.66
9. Previous Payments	\$	88,503.43
10. Amount Due (7-8-9)	\$	28,739.02

*Detailed Breakdown Attached if Non-Zero Value

CONTRACT TIME

Completion Date Contract

Original (days)

N/A

On Schedule? Yes

Starting Date: 7/6/2023

Revised

N/A

Remaining

N/A

Final Completion: 9/1/2023

CONTRACTOR'S CERTIFICATION:

The undersigned Contractor certifies, to the best of his/her knowledge, the following:

(1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment;

(2) Title to all Work, materials and equipment incorporated in said Work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and

(3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor: Quality Spray Foam LLC dba Anderson Excavating

By: *Chris Anderson*

Date: 8-8-23

ENGINEER'S RECOMMENDATION:

I have reviewed the progress of the work, and to the best of my knowledge, information and belief, in accordance with the terms of the Contract, the Contractor is entitled to a partial payment in the amount requested.

HEI HOUSTON
engineering, inc.

Engineer: *Tony Nordby*

By: *Tony Nordby*

Date: 8/8/2023

OWNER'S APPROVAL:

Owner: Red Lake Watershed District

By: *Sammy Luettke*

Date: 8/8/23

REMIT PAYMENT TO:

Quality Spray Foam LLC dba Anderson Excavating
11374 215th St. NW
Thief River Falls, MN 56701

Client Project No.
HEI Project No. 3655-0106
Project: Robert Fladeland Ring Dike
Location: Section 31, Rocksbury Twp., Pennington County
Contractor: Quality Spray Foam LLC dba Anderson Excavating

PAY ESTIMATE

PAY ESTIMATE #:	2
SUBMITTED:	8/10/2023
BEGIN DATE:	7/26/2023
END DATE:	8/8/2023

ITEM NO.	DESCRIPTION	UNIT	CONTRACT			CURRENT PAY ESTIMATE		PREVIOUS PAY ESTIMATES		PAY ESTIMATES TO DATE				
			QUANTITY	PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT			
Original Contract Items														
2021.501	MOBILIZATION	LUMP SUM	1.	\$ 10,000.00	\$ 10,000.00		\$ -	1.	\$ 10,000.00	1.	\$ 10,000.00			
2101.501	CLEARING AND GRUBBING	LUMP SUM	1.	\$ 5,000.00	\$ 5,000.00		\$ -	0.5	\$ 2,500.00	0.5	\$ 2,500.00			
2106.507	EXCAVATION - COMMON (P)	CU. YD.	2,347.	\$ 4.00	\$ 9,388.00		\$ -	1,760.	\$ 7,040.00	1,760.	\$ 7,040.00			
2106.507	COMMON EMBANKMENT (CV) (P)	CU. YD.	7,180.	\$ 13.40	\$ 98,212.00	1,795.	\$ 24,053.00	5,385.	\$ 72,159.00	7,180.	\$ 96,212.00			
2118.507	AGGREGATE SURFACING CL. 5	CU. YD.	20.	\$ 25.00	\$ 500.00		\$ -	20.	\$ 500.00	20.	\$ 500.00			
2501.503	18" CS PIPE CULVERT	LIN. FT.	64.	\$ 36.72	\$ 2,350.08	64.	\$ 2,350.08		\$ -	64.	\$ 2,350.08			
2501.503	18" CS PIPE APRON	EACH	2.	\$ 214.86	\$ 429.72	2.	\$ 429.72		\$ -	2.	\$ 429.72			
2501.601	CANAL GATE FOR 18" CS PIPE	EACH	2.	\$ 1,709.40	\$ 3,418.80	2.	\$ 3,418.80		\$ -	2.	\$ 3,418.80			
2573.502	CULVERT END CONTROLS	EACH	2.	\$ 50.00	\$ 100.00		\$ -		\$ -		\$ -			
2573.503	SILT FENCE, TYPE M5	LIN. FT.	1,000.	\$ 2.50	\$ 2,500.00		\$ -	385.	\$ 962.50	385.	\$ 962.50			
2575.502	TURF ESTABLISHMENT	LUMP SUM	1.	\$ 11,386.00	\$ 11,386.00		\$ -		\$ -		\$ -			
Totals														
Original Contract Amount					\$	141,284.60								
Extra / Change Order Amount					\$	-								
						Work Completed	\$	30,251.60		\$	93,161.50		\$	123,413.10

MAINTENANCE INSPECTION SHEET
FLOODWATER RETARDING & MULTIPLE-PURPOSE STRUCTURES
 Single Structure

PROJECT: Burnham Creek BR-6
 DATE OF INSPECTION: 7-13-23
 COUNTY: West Polk

1. Principal Spillway:

a. Damage to outlet or riser? Yes, the cantilever support wall is leaning downstream 0.5'/4.14'=0.12'/' (0.25'/2.00'=0.125'/' in 2022). From the 2022 Engineering Report, the support wall is proposed to be replaced.

b. Obstructions, logs, brush, trash, etc? None.

c. Seepage? None.

d. Separation of joints (observation)?

<u>Joint</u>	<u>Top Gap (ft)</u>		<u>Bott. Gap (ft)</u>	
	<u>2022</u>	<u>2023</u>	<u>2022</u>	<u>2023</u>
1 @ riser	0.28	0.27	0.18	0.18
2	0.20	0.20	0.18	0.18
3	0.22	0.22	0.17	0.17
4	0.05	0.05	0.20	0.19

e. Cracks or breaks? Yes, the outside mortar coatings of the 2 downstream sections of concrete pressure pipe are disbonding. From the 2022 Engineering Report, the outside coating is proposed to be repaired or the pipe sections replaced. There is no cracking on the inside of the concrete pressure pipe.

f. Differential Settlement (Observation)? From the 2022 Engineering Report, there is reverse grade in the 2 downstream sections of pipe. The joint elevations were not measured in 2023 because the laser receiver batteries were dead.

2. Emergency Spillways (both inlet and outlet channels): **a.** Inadequate vegetation, **b.** Banks – rills and gullies, **c.** Channel erosion, **d.** Obstructions, weeds, brush, logs, etc., and **e.** Excessive deposition? There is no vegetated emergency spillway (ES), because the ES storm flows through the pipe. There is an embankment overflow section, which is well vegetated.

3. Embankments:

a. Settlement or cracking? None.

b. Erosion? Yes, from the 2022 Engineering Report, the wave erosion areas are proposed to be armored.

c. Leakage or seepage? None.

d. Damaged by wildlife, livestock, etc? There is pocket gopher activity on north end of wildlife pool embankment.

e. Inadequate vegetation? Yes, the vegetation on the wildlife embankment on both ends of the new weir structure is still inadequate.

f. Excessive vegetation, weeds, brush, etc. Yes, the brush around the pipe outlet should be sprayed so the roots do not damage the geotextile, which separates the sand drain outlet and the rock riprap.

4. Impoundment Area: **a.** Excessive sedimentation, and **b.** Debris? None.

5. Fences and Gates: a. Loose or damaged posts, b. Loose or broken wires, and c. Debris accumulation? n/a.

6. Damaged Sod Chutes? n/a.

7. Damaged Riprap? No, the stilling basin riprap is in very good condition.

8. Drainage System: The pipe sand drain diaphragm and outlet appears to be working (see 3.f. above).

9. Borrow Areas (condition of vegetation)? n/a (located under the pool).

10. Other (specify)?

* The debris accumulation at the end of the outlet channel noted in 2022 has been removed.

* The cutting around the north end of the wildlife structure noted in 2022 has been armored with rock.

Members of inspection team:

Mark Pearson, P.E., Civil Engineer, NRCS

Mathew Blum, Ag. Engineer, NRCS

Connor Pearson, Civil Engineer, NRCS

Nate Koland, Technician, Red Lake Watershed District

Remarks:

* From the 2016 dam assessment, a 10'x10' slide in the downstream (north) embankment sideslope was noted, which should be inspected in 2024. It is located approximately 240' west of the pipe outlet. A 1989 Engineering Report was prepared regarding loss of topsoil on the (north) embankment backslope due to sloughing. One of the locations was station 69+90 (240' west of the pipe). The other 2 locations (71+30 and 75+50) from 1989 should also be inspected. The principal spillway pipe is at station 72+30.

* Please provide NRCS with a copy of the as-built drawings from the wildlife structure outlet replacement.

Maintenance needed: (summarize by structure) include approximate cost.

* Spray the brush at the pipe outlet.

* Remove pocket gophers on the north end of the wildlife embankment.

* Consider placing temporary bands around the concrete pipe to prevent the outside coating from falling off the pipe and corroding the steel reinforcement. Temporary sealant may also be needed to seal the cracks.

* Reseed the wildlife embankment around the new weir outlet.

The maintenance items above will be completed by (who and when): Watershed District by June 1, 2024.

What is the current hazard class of this dam? Significant. However, 4 residences were identified in the breach flood zone in the 2016 dam assessment.

Has any development occurred or is planned that may change the hazard class now or in the next 5 years? The Sponsors were provided a copy of the 2016 dam breach flood zone maps. Hopefully planning and zoning uses this information for permitting new residences in the breach flood zone.

Name of Representative of Local Contracting Organization:

Tammy Audette, Red Lake Watershed District



Name of Representative of the Soil and Water Conservation District:

Nicole Bernd, West Polk SWCD



Name of Representative of NRCS:

Mark Pearson, P.E. Civil Engineer

MARK PEARSON

Digitally signed by MARK
PEARSON
Date: 2023.07.26 11:07:12 -05'00'

*(On the original paper copy, these three individuals should sign their names after their agency.)
File original paper copy in local records. Send electronic copy to State Conservation Engineer as soon after the inspection is complete as possible.*

I hereby give permission for the NRCS to release a copy of this inspection report to the Minnesota Department of Natural Resources, Dam Safety.

Signature of Representative of Local Contracting Organization

Date



North embankment inside slope



North embankment outside slope



Principal spillway riser



Principal spillway cantilever outlet



End of outlet channel debris removal



Wildlife structure cutting around north end armored with rock

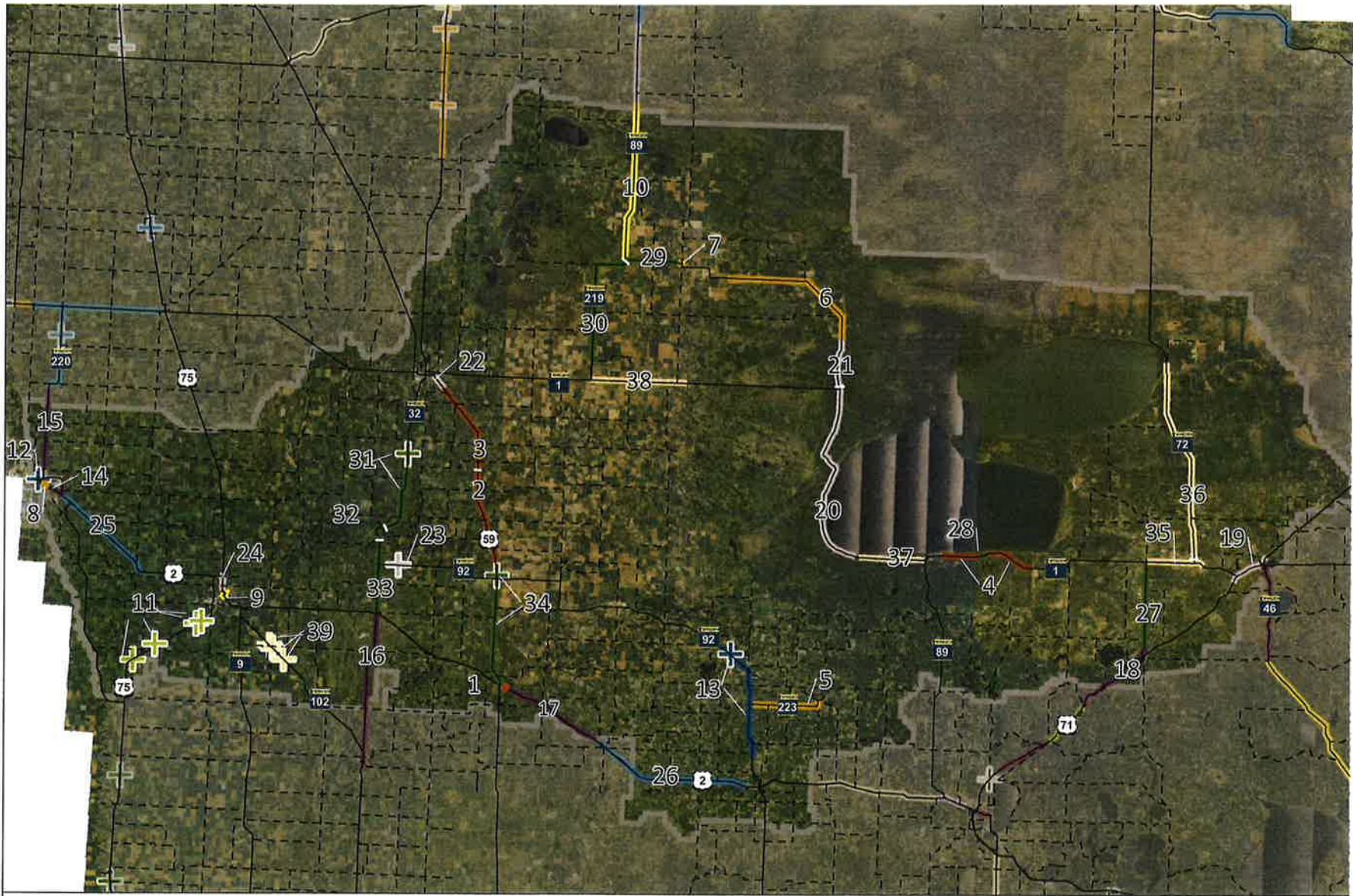
20 Year CHIP

- 2023
- 2024
- 2025
- 2026
- 2027
- 2028
- 2029
- 2030
- 2031
- 2032

10-Year CHIP Pavement Projects

- 2023
- 2024
- 2025
- 2026
- 2027
- 2028
- 2029
- 2030
- 2031
- 2032

- Trunk Highway
- CSAH
- Wild Rice WD



40-miles

MnDOT 10-Year Capital Highway Investment Plan Red Lake Watershed District

Red Lake Watershed District				
Number on Map	Year	SP Number	Trunk Highway	Description
1	2023	6005-76	2	Improve pedestrian accessibility at the Oak Lake Rest Area in Erskine.
2	2023	5705-61	59	3" Bituminous mill/overlay on Hwy 59 between Pennington CR 53 and Thief River Falls, widen shoulders from CSAH 4 to 0.4 miles south of CSAH 62, construct a roundabout at the intersection of Hwy 59/CR, replace 3 centerline culverts and 58 side culverts.
3	2023	5705-63	59	3' Bituminous mill/overlay on Hwy 59 from the 0.4 miles south of Hwy 92 in Brooks to 0.25 miles south of CSAH 3. The shoulders would not be widened and would not be paved wider.
4	2023	0404-37	1	2" Bituminous mill/overlay on MN 1 east of Red Lake to the east Red Lake Reservation line, excluding the urban reconstruction through Redby and bridge #04028. (See Number 28)
5	2023	1508-08	223	2" Bituminous mill/overlay on Hwy 223 from Hwy 92 to CSAH 10 in Leonard, replacing 3 and lining 20 centerline culverts, replacing an entrance culvert, replacing 2 CMP flumes with riprap flumes, and improving pedestrian facilities in Leonard.
6	2024	0415-17	89	2.0" bituminous mill/overlay on Hwy 89 from the north Red Lake Reservation border to 5.6 miles east of Grygla, and replace 11 centerline and 25 entrance culverts.
7	2024	4508-34	89	3.0" Bituminous mill/overlay of existing pavement width, storm sewer structure rehabilitation, and replacement of four non-compliant pedestrian ramps on TH 89 from CSAH 54 to the western city limits of Grygla.
8	2024	6001-68	2B	Replace traffic signals on Hwy 2B in East Grand Forks.
9	2025	6002-76	2	This project will consist of a curb shift to allow standard ADA infrastructure and better road geometry, a CPR minor pavement fix, and adjustment of hydraulic infrastructure as necessary.
10	2025	4508-35	89	3" Bituminous mill & overlay on Hwy 89 from Hwy 219 to Roseau/Marshall Co. Line, replacement of 34 entrance culverts, and lining 1 centerline culvert.
11	2026	6012-56	75	Replace 4 box culvert bridges (8659, 8411, 8412, and 6380) on Hwy 75 between Eldred and Girard.
12	2027	na	2	Replace bridge 60001 on Hwy 2 in East Grand Forks.
13	2027	1507-68	92	Bituminous reclamation in the rural sections, bituminous removal and replacement in Clearbrook, replacement of roadside infrastructure in poor condition, turn lane additions, and replace box culvert bridge (1057) over Silver Creek. There will be several centerline culverts and entrance culverts replaced, as well as a variety of other culvert fixes. Spot fixes will be required for the storm sewer in Clearbrook.
14	2028	6001-74	2B	Urban reconstruct and a rural 3" bituminous mill and overlay of Hwy 2B from Demers Ave to Hwy, replace roadside infrastructure in poor condition. ADA improvements.
15	2028	6017-45	220	7" concrete reconstruct on TH 220 from CSAH 19 to 0.32 miles south of CSAH 22, replace 36 side culverts, line 2 centerline culverts, add a moment slab to Bridge 95119 (box culvert) to bring guardrail up to standard.
16	2028	6007-15	32	Urban reconstruct with storm sewer replacement and updates to ADA facilities, a rural 3" bituminous mill and overlay, and replacement of roadside infrastructure in poor condition.
17	2028	6005-79	2	Bituminous mill/overlay of the westbound lanes of Hwy 2 between Hwy 59 and the western limit of Fosston.
18	2028	0410-53	71	Resurface Hwy 71 from Tenstrike to Blackduck and resurface one mile of Hwy 72 north of Blackduck.
19	2029	3610-1089743	71	Bituminous reclaim/overlay of Hwy 71 between Itasca County line and Koochiching CR 50, replace roadside infrastructure in poor condition.
20	2029	0402-1038399	1	Bituminous mill/overlay of Hwy1/Hwy 89 between the north junction of Hwy 89 and eastern Clearwater County line.
21	2029	0415-1038232	1	Resurface Hwy 89 between the north of Hwy 1 and the northern border of the Red Lake Nation, replace roadside infrastructure in poor condition.
22	2029	5705-1038697	59	Resurface 2 miles of Hwy 59 from 0.4 miles south of CR 62 to 1st St in Thief River Falls.
23	2029		92	Replace box culvert bridge 6829 over badger creek on Hwy 92.
24	2029	6001-1089603	2	Resurface Hwy 2 between Hwy 75 and Groveland Ave in Crookston.
25	2030	6001-1038994	2	Resurface the eastbound lanes of Hwy 2 between East Grand Forks and Fisher.
26	2030	1502-1039094	2	Resurface westbound lanes of Hwy 2 between Fosston and Bagley.
27	2031	0412-29	72	Bituminous mill/overlay resurfacing Hwy 72 between Blackduck and Hwy 1.
28	2031	0404-39	1	One mile of urban reconstruct on Hwy 1 in Redby.
29	2031	4508-36	89	Bituminous mill/overlay resurfacing of Hwy 89 between Grygla and Hwy 219.
30	2031	4510-1038230	219	Bituminous mill/overlay of Hwy 219 from CSAH 64 to Hwy 89.

31	2031	6301-1055080	32	Bituminous mill/overlay of Hwy 32 between Red Lake Falls and St. Hilaire and replace box culvert bridge 4811.
32	2031	6301-1055060	32	Urban reconstruct of Hwy 32 in Red Lake Falls including mill/overlay, storm sewer, and ADA improvements.
33	2031	5703-1038053	32	Bituminous mill/overlay resurfacing of Hwy 32 between Hwy 2 and Red Lake Falls.
34	2031	6009-1073503	59	Medium mill & overlay of Hwy 59 from Hwy 2 to 0.4 miles south of TH92 and replace box culvert bridge 5818.
35	2032	0405-1038227	1	Bituminous mill/overlay of Hwy 1 from Hwy 72 to Hwy 71.
36	2032	0413-1055100	72	Bituminous mill/overlay of Hwy 72 from Hwy 1 to the Tamarac River Bridge (RP 36.5) and replace roadside infrastructure in poor condition.
37	2032	0403-1038986	1	Bituminous reclaim & shoulder widening of Hwy 1 between the Clearwater County line and the south Junction of Hwy 89 and replace roadside infrastructure in poor condition.
38	2032	5704-1038701	1	Bituminous mill/overlay of Hwy 1 from Hwy 219 to the Beltrami County line and replace roadside infrastructure in poor condition.
39	2032	na	102	Replace box culvert bridge 8565, 4725, and 4776 on Hwy 102 at approximately reference posts 13.0, 14.6, and 15.1 respectively.



Permit # **23-049**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jimmy Hagge		24634 230th Avenue SE Brooks, MN 56715		tel: mobile: fax:

General Information

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)
Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **13 1/4: NW1/4 & SW1/4**

(4) Describe in detail the work to be performed. **Remove and replace with larger capacity culverts as water is backing up and flooding Hagge house and overflowing roads in numerous spots.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water is backing up and causing damage and road erosion.**

Status

Status	Notes	Date
Approved	P.A. #23-049 – Jimmy Hagge/Dwight Robidoux Red Lake County – Poplar River Township – Section 13 This permit has been given to Houston Engineering to review. The Red Lake Watershed District (RLWD) approves installing (2) 30” culverts under Jim Hagge residents’ driveway. RLWD approves installing (2) 30” culverts at the next two crossings to the North of Jims driveway to help with the flooding that the applicants have experienced in the last two years. RLWD recommends cleaning the ditch on the east side of 230th Ave SE. RLWD recommends cleaning the outlet channel on Dwight Robidoux’s land Northwest of Jim’s house. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 8, 2023
Received	None	April 24, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-119

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Paul Engelstad		800 Bakken Ave SE Fertile, MN 56540		tel:218-280-0940 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Russia** Range: **46** Section: **11 1/4**:

(4) Describe in detail the work to be performed. **Install Pattern Tile**

(5) Why is this work necessary? Explain water related issue/problem being solved. **poor drainage**

Status

Status	Notes	Date
Approved	P.A. #23-119 – Paul Engelstad Polk County – Russia Township – Section 11 The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	July 31, 2023
Received	None	July 12, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-124

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Michael Hanson		31267 250th Ave SW Crookston, MN 56716		tel:218-280-2398 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Fairfax** Range: **46** Section: **28** 1/4:

(4) Describe in detail the work to be performed. **we would like to add a crossing here. Between the west quarter and east quarter.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **It would keep us from driving on more roads and intersections than needed**

Status

Status	Notes	Date
Approved	P.A. #23-124 – Michael Hanson/Paul Brekken Polk County – Fairfax Township Section 28 Red Lake Watershed District (RLWD) approval to install a 30" culvert for a new crossing for better access to field. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the culvert outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 1, 2023
Received	None	July 14, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-130

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Bill Moser		14065 140th St SW Red Lake Falls, MN 56750		tel: mobile: 218-686-3638 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification
Other

(2) Legal Description

(3) County: **Red Lake** Township: **Wylie** Range: **45** Section: **25** 1/4:

(4) Describe in detail the work to be performed. **Site 1 - install field entrance Site 2 - widen current access Site 3 - clean south side road ditch and remove sediment , etc.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Site 1 - so landowner does not need to gain access through the yard. Site 2 - safety Site 3 - improved drainage.**

Status

Status	Notes	Date
Approved	P.A. #23-130 – Bill J Moser Red Lake County – Wylie Township Section 25 Red Lake Watershed District (RLWD) approval to install a 24” culvert for a new crossing for access to field at Site #1. Site #2 RLWD approval to extend 24” culvert to widen driveway. Site #3 RLWD approval to clean south side road ditch along 140th St SW. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain “as-is” and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch that was cleaned. Directly downstream of the culvert outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)	Aug. 1, 2023
Received	None	July 17, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-131

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
David Dahlen		39366 120th Street NE Goodridge, MN 56725		tel: mobile: 218-689-6685 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Star** Range: **39** Section: **23 1/4**:

(4) Describe in detail the work to be performed. **Pattern Tile - Lift Station/Pump**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	P.A. #23-131 – David Dahlen Pennington County – Star Township – Section 23 The Red Lake Watershed District (RLWD) approves the pattern tile project with 'lift pump' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. *Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet.* Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 2, 2023
Received	None	July 18, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-133

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
David & Kelly Dahlen		39366 120th St NE Goodridge, MN 56701		tel:218-689-6685 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Star** Range: **39** Section: **26 1/4**:

(4) Describe in detail the work to be performed. **Pattern Tile - Lift Station/Pump**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	P.A. #23-133 – Kelly Dahlen/David Dahlen Pennington County – Star Township – Section 26 The Red Lake Watershed District (RLWD) approves the pattern tile project with 'lift pump' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. *Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet.* Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 2, 2023
Received	None	July 18, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-134

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Charles Carlson		21529 Center St East Thief River Falls, MN 56701		tel: mobile: 218-686-1824 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

Other

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **12 1/4**:

(4) Describe in detail the work to be performed. **replace rusted out culvert and clean ditch from pipe to the south intersection**

(5) Why is this work necessary? Explain water related issue/problem being solved. **failed pipes/better drainage**

Status

Status	Notes	Date
Approved	P.A. #23-134 – Charles Carlson Pennington County – Wyandotte Township Section 12 Red Lake Watershed District (RLWD) approval to replace a failed 36” culvert with a new 36” culvert. And clean east side ditch south from the pipe install location to the intersection of 120th St and 230th Ave SE. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Applicant shall install appropriate erosion control measures for energy dissipation at the outlet of pipes. Directly downstream of the culvert outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	July 31, 2023
Received	None	July 21, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-135

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Randy Konickson		14633 150th St SE Red Lake Falls, MN 56701		tel: mobile: 218-686-2953 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **River Falls** Range: **43** Section: **33 1/4**:

(4) Describe in detail the work to be performed. **Replace culvert**

(5) Why is this work necessary? Explain water related issue/problem being solved. **rusted out**

Status

Status	Notes	Date
Approved	P.A. #23-135 – Randy Konickson Red Lake County – River Township Section 33 Red Lake Watershed District (RLWD) approval to replace a failed 30” culvert with a new 30” culvert. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Applicant shall install appropriate erosion control measures for energy dissipation at the outlet of pipes. Directly downstream of the culvert outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. This application does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 1, 2023
Received	None	July 24, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-136

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Elizabeth Berge		42819 180th Ave SW Crookston, MN 56716		tel:701-789-1741 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Russia** Range: **46** Section: **12 1/4**:

(4) Describe in detail the work to be performed. **pattern tile - gravity**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	P.A. #23-136 – Elizabeth Berge Polk County – Russia Township – Section 12 The Red Lake Watershed District (RLWD) approves the pattern tile project with multiple 'gravity' outlets. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	July 31, 2023
Received	None	July 19, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-137

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Elizabeth Berge		42819 180th Ave SW Crookston, MN 56716		tel:701-789-1741 mobile: 218-280-0942 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Russia** Range: **46** Section: **13 1/4**:

(4) Describe in detail the work to be performed. **Pattern tile - Gravity**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	P.A. #23-137 – Elizabeth Berge Polk County – Russia Township – Section 13 The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	July 31, 2023
Received	None	July 19, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.



Permit # 23-138

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Ross Hegge		28703 170th St SE Oklee, MN 56742		tel:218-843-5203 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Garnes** Range: **41** Section: **34** 1/4:

(4) Describe in detail the work to be performed. **Pattern Tile. Gravity Outlet**

(5) Why is this work necessary? Explain water related issue/problem being solved.

Status

Status	Notes	Date
Approved	P.A. #23-138 – Ross Hegge Red Lake County – Garnes Township – Section 34 The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the tile and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Applicant shall ensure that the tile outlet is visibly marked. Any damage caused by future ditch maintenance is the responsibility of the landowner. ■ Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	Aug. 8, 2023
Received	None	Aug. 3, 2023

Conditions

NOTE: This permit does not relieve the applicant of any requirements for other permits which may be necessary from Township, County, State, or Federal Government Agencies.

Valencia Series Training Tables



Training Tables Quotes

Office Supplies Plus, 315 W. Main St. Ada, MN 56510

6 Laminate Table Tops (Cherry/Mahogany) with 6 flip Training Bases

\$1,781.76

Shipped direct from manufacturer. Assembly required

Webstaurant Store, internet order

6 Laminate Table Tops (Cherry/Mahogany) with 6 flip Training Bases

\$1,379.88

Shipped direct from manufacturer. Assembly required



Thiberts

Vehicle: [Retail] 2024 Chevrolet Silverado 1500 (CK10543) 4WD Crew Cab 147" LT w/1LT (Complete)

Window Sticker

SUMMARY

[Retail] 2024 Chevrolet Silverado 1500 (CK10543) 4WD Crew Cab 147" LT w/1LT MSRP:\$53,700.00

Interior:Jet Black, Cloth seat trim

Exterior 1: Sterling Gray Metallic

Exterior 2: No color has been selected.

Engine, 5.3L EcoTec3 V8

Transmission, 10-speed automatic, electronically controlled

OPTIONS

CODE	MODEL	MSRP
CK10543	[Retail] 2024 Chevrolet Silverado 1500 (CK10543) 4WD Crew Cab 147" LT w/1LT	\$53,700.00
OPTIONS		
1LT	LT Preferred Equipment Group	\$0.00
AZ3	Seats, front 40/20/40 split-bench	\$0.00
C5Y	GVWR, 7100 lbs. (3221 kg) Inc.	
FE9	Emissions, Federal requirements	\$0.00
GU5	Rear axle, 3.23 ratio Inc.	
GXD	Sterling Gray Metallic	\$0.00
H0U	Jet Black, Cloth seat trim	\$0.00
IOK	Audio system, Chevrolet Infotainment 3 Premium system	\$0.00
KC4	Cooling, external engine oil cooler Inc.	
KNP	Cooling, auxiliary external transmission oil cooler Inc.	
KW7	Alternator, 170 amps	\$0.00
L84	Engine, 5.3L EcoTec3 V8	\$1,595.00
MHT	Transmission, 10-speed automatic, electronically controlled Inc.	
Q5U	Wheels, 17" x 8" (43.2 cm x 20.3 cm) Bright Silver painted aluminum	\$0.00
QBN	Tires, 255/70R17 all-season, blackwall	\$0.00
QBR	Tire, spare 255/70R17 all-season, blackwall	\$0.00

SUBTOTAL \$55,295.00

Adjustments Total \$0.00

This document contains information considered Confidential between GM and its Clients uniquely. The information provided is not intended for public disclosure. Prices, specifications, and availability are subject to change without notice, and do not include certain fees, taxes and charges that may be required by law or vary by manufacturer or region. Performance figures are guidelines only, and actual performance may vary. Photos may not represent actual vehicles or exact configurations. Content based on report preparer's input is subject to the accuracy of the input provided.

Data Version: 20133. Data Updated: Aug 7, 2023 6:38:00 PM PDT.



Vehicle: [Retail] 2024 Chevrolet Silverado 1500 (CK10543) 4WD Crew Cab 147" LT w/1LT (✔ Complete)

Destination Charge	\$1,895.00
TOTAL PRICE	\$57,190.00

FUEL ECONOMY

Est City:16 (2023) MPG

Est Highway:20 (2023) MPG

Est Highway Cruising Range:480.00 mi

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Data Version: 20133. Data Updated: Aug 7, 2023 6:38:00 PM PDT.



Vehicle: [Retail] 2024 Chevrolet Silverado 1500 (CK10543) 4WD Crew Cab 147" LT w/1LT (✔ Complete)

Price Summary

PRICE SUMMARY

	MSRP	MSRP
Base Price	\$53,700.00	\$53,700.00
Total Options	\$1,595.00	\$1,595.00
Vehicle Subtotal	\$55,295.00	\$55,295.00
Destination Charge	\$1,895.00	\$1,895.00
Grand Total	\$57,190.00	\$57,190.00

50500 Bid Price
12000 Trade Allowance
38500 + TAX & License

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Data Version: 20133. Data Updated: Aug 7, 2023 6:38:00 PM PDT.

Northern Motors - White on the lot

2023 SILVERADO 1500 CREW LT 4WD
 GAZ SUMMIT WHITE /V8G
 H0U JET BLACK
 ORDER NO. CFWXGW/TRE STOCK NO.
 VIN 2GC UDDE D6 P1130890

 MODEL & FACTORY OPTIONS MSRP
 CK10543 SILVERADO 1500 CREW LT 4W 53700.00
 C5Y GVWR: 7,100 LBS. (3,221 KG) N/C
 FE9 50-STATE EMISSIONS N/C
 GU5 REAR AXLE: 3.23 RATIO ✓ N/C
 K05 ENGINE BLOCK HEATER 100.00
 L84 ENGINE: 5.3L ECOTEC3 V8 ✓ 1595.00
 WITH DYNAMIC FUEL MANAGEMENT
 MHT TRANSMISSION: 10-SPEED AUTO ✓ N/C
 PCL CONVENIENCE PACKAGE N/C
 PDU ALL STAR EDITION N/C
 RCV 18" BRIGHT SILVER PAINTED ✓ 300.00
 ALUMINUM WHEELS
 R7N CREDIT - NOT EQUIPPED WITH 50.00-
 STEERING COLUMN LOCK
 XCK ALL-TERRAIN TIRES 200.00

SOLD TO: _____
 ADDRESS: _____
 HOME: Home _____ Bus. _____
 Cell Phone _____
 DATE SOLD: _____
 OLD BY: _____
 FY CODES: Ign _____ Trunk _____
 CARD: SSRNG

231035
 (B14)

TOTAL MODEL & OPTIONS 55845.00
 DESTINATION CHARGE 1895.00
 DEALER IMR CONTRIBUTION
 LMA GROUP CONTRIBUTION
 TOTAL 57740.00

MEMO: TOTAL LESS HOLDBACK AND APPROX WHOLESALE FINANCE CREDIT

 INVOICE DOES NOT REFLECT DEALER'S ULTIMATE C
 REBATES, ALLOWANCES, INCENTIVES, HOLDBACK, F
 DEALER OF ADVERTISING MONIES, ALL OF WHICH M

NORTHERN MOTORS, INC.

Penn Co Sales price

56,240.00

Bid Assc

- 6,400.00

49,840.00

Tax

3426.50

Lic Fee's ?

892.50

54,159.00

Trade 15866
 \$ 14,500.00 off

Northern Motors - on the lot
Blue

2023 SILVERADO 1500 CREW LT 4WD
 GLT GLACIER BLUE METALLIC /L4G
 H0U JET BLACK
 ORDER NO. CKWJMW/TRE STOCK NO.
 VIN 3GC PDDE K6 PG261448

 MODEL & FACTORY OPTIONS MSRP
 CK10543 SILVERADO 1500 CREW LT 4W 53700.00
 C5W GVWR: 7,000 LBS. (3,175 KG) N/C
 FE9 50-STATE EMISSIONS N/C
 GLT GLACIER BLUE METALLIC 395.00
 GU6 REAR AXLE: 3.42 RATIO ✓ N/C
 JL1 TRAILER BRAKE CONTROLLER ✓ 275.00
 K05 ENGINE BLOCK HEATER 100.00
 L3B ENGINE: 2.7L TURBO HIGH-OUTPUT ✓ N/C
 MQE TRANSMISSION: 8-SPEED AUTO ✓ N/C
 PCL CONVENIENCE PACKAGE N/C
 PDU ALL STAR EDITION N/C
 QDV ALL-TERRAIN TIRES 200.00
 Q5U 17" BRIGHT SILVER PAINTED ✓ N/C
 ALUMINUM WHEELS
 R7N CREDIT - NOT EQUIPPED WITH 50.00-
 STEERING COLUMN LOCK
 1SZ 2.7L TURBO HIGH-OUTPUT ENGINE ✓ 1500.00-
 CREDIT

DATE SOLD:	PHONE: Home	ADDRESS:	SOLD TO:
OLD BY:	Cell Phone		
KEY CODES: Ign	Bus.		
Trunk			

231043
 (BK)

TOTAL MODEL & OPTIONS 53120.00
 DESTINATION CHARGE 1895.00
 DEALER IMR CONTRIBUTION
 LMA GROUP CONTRIBUTION

TOTAL 55015.00
 MEMO: TOTAL LESS HOLDBACK AND APPROX WHOLESALE FINANCE CREDIT

 INVOICE DOES NOT REFLECT DEALER'S ULTIMATE (REBATES, ALLOWANCES, INCENTIVES, HOLDBACK,)
 DEALER OF ADVERTISING MONIES, ALL OF WHICH I

NORTHERN MOTORS, INC.

After Bid sheet - 48,265
 Trad 14,500
 33,765.18

\$ 55,015

TRF Ford - Blue XLT

KAN-002233 MN

9-NORMAL, NB, 202233, F00E2

13151

220230416 4003

ULC U R MN C
CERT CERT TRD RAMP BUMP CAMP BOOK EXFL ROTA

013134
2365/2418

1FTEW1EP0

PKE26933 NB

GU1



ford.com

VEHICLE DESCRIPTION

F-150

2023 F-150 4X4 SUPERCREW
145" WHEELBASE
2.7L V6 ECOBOOST
ELEC TEN-SPEED AUTO W/TOW M

EXTERIOR
ATLAS BLUE METALLIC
INTERIOR
BLACK SPORT 40/CONSOLE/40

PK E26933

STANDARD EQUIPMENT INCLUDED AT NO EXTRA CHARGE

EXTERIOR

- DAYTIME RUNNING LAMPS
- EASY FUEL CAPLESS FILLER
- FOG LAMPS
- FULLY BOXED STEEL FRAME
- HEADLAMPS - AUTO HIGH BEAM
- HEADLAMPS - AUTOLAMP (ON/OFF)
- PICKUP BOX TIE DOWN HOOKS
- POWER TAILGATE LOCK
- REAR PRIVACY GLASS
- TRAILER SWAY CONTROL
- WIPERS - INTERMITTENT

INTERIOR

- DOOR LOCKS - POWER
- DUAL VISOR VANITY MIRRORS
- ILLUMINATED ENTRY
- MESSAGE CTR: OUTSIDE TEMP, COMPASS, TRIP COMPUTER
- POWERPOINTS - 12V
- TILT/TELESCOPE STR COLUMN

FUNCTIONAL

- AUTO HOLD
- BLIS W/CROSS-TRAFFIC ALERT
- DYNAMIC HITCH ASSIST
- FORDPASS CONNECT™ 4G
- HOTSPOT TELEMATICS MODEM
- LANE-KEEPING SYSTEM
- MYKEY®
- POST-COLLISION BRAKING
- PRE-COLLISION ASSIST W/AEB
- REVERSE BRAKE ASSIST
- REVERSE SENSING AND REAR VIEW CAMERA
- SELECTSHIFT®

SAFETY/SECURITY

- ADVANCETRAC™ WITH RSC®
- AIRBAGS - FRONT SEAT MOUNTED SIDE IMPACT
- AIRBAGS - SAFETY CANOPY®
- CTR HIGH MOUNT STOP LAMP
- PERIMETER ALARM
- SOS POST-CRASH ALERT SYS™
- TIRE PRESSURE MONIT SYS

WARRANTY

- 3YR/36,000 BUMPER / BUMPER
- 3YR/60,000 POWERTRAIN
- 5YR/60,000 ROADSIDE ASSIST
- 8YR/100,000 HYBRID BATTERY

* CRUISE CONTROL?

INCLUDED ON THIS VEHICLE (MSRP)

EQUIPMENT GROUP 302A

5,955.00

- XLT SERIES
- ELECTRONIC AUTO TEMP CONTROL
- SYNC 4 W/ENHANCED VOICE RECOG
- LED SIDE-MIRROR SPOTLIGHTS
- REMOTE START SYSTEM

OPTIONAL EQUIPMENT/OTHER

- 2.7L V6 ECOBOOST 1,285.00
- 3.55 RATIO REGULAR AXLE NO CHARGE
- 6600# GVWR PACKAGE NO CHARGE
- FRONT LICENSE PLATE BRACKET NO CHARGE
- ENGINE BLOCK HEATER 90.00
- 50 STATE EMISSIONS NO CHARGE
- LINER-TRAY STYLE-NO CARPET MAT 160.00
- ONBOARD 400W OUTLET
- INTERIOR WORK SURFACE 195.00
- AUTO START-STOP REMOVAL 50.00
- CLASS IV TRAILER HITCH
- MIRROR MAN FOLD W/POWER GLASS
- SIRIUS XM W/ 360L
- POWER-ADJUSTABLE PEDALS 170.00
- XLT SPORT APPEARANCE PACKAGE 465.00
- .275/65R 18 BSW ALL-TERRAIN
- .18" 6-SPOKE GLOSS BLACK WHEEL

PRICE INFORMATION

BASE PRICE	\$50,220.00
TOTAL OPTIONS/OTHER	8,270.00
TOTAL VEHICLE & OPTIONS/OTHER	58,490.00
DESTINATION & DELIVERY	1,895.00
TOTAL BEFORE DISCOUNTS	60,385.00
XLT HIGH CHRM OR SPORT	- 2,000.00
TOTAL SAVINGS	- 2,000.00

\$56,109

no trade in price

RAMP ONE

CA2H

RAMP TWO

CONVOY

ITEM #

58-S300 O/T 2

TOTAL MSRP \$58,385.00



Whether you decide to lease or finance your vehicle, you'll find the choices that are right for you. See your dealer for details or visit www.ford.com/finance.

PD062 N RB 2X 345 002233 04 06 23

This label is affixed pursuant to the Federal Automobile Information Disclosure Act, Gasoline, License, and Title Fees, State and Local taxes are not included. Dealer installed options or accessories are not included unless listed above.

EPA DOT Fuel Economy and Environment

Gasoline Vehicle

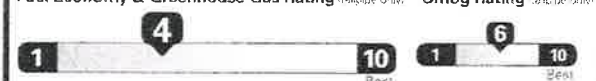
Fuel Economy
20 MPG
combined city/hwy city highway
5.0 gallons per 100 miles

Standard Pickup Trucks range from 12 to 70 MPG. The best vehicle rates 132 MPGe.

You spend
\$3,000
more in fuel costs over 5 years compared to the average new vehicle.

Annual fuel cost
\$2,200

Fuel Economy & Greenhouse Gas Rating (tailpipe only) Smog Rating (tailpipe only)



This vehicle emits 451 grams CO2 per mile. The best emits 0 grams per mile (tailpipe only). Producing and distributing fuel also create emissions; learn more at fuelconomy.gov.

Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 28 MPG and costs \$8,000 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$2.95 per gallon. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

fuelconomy.gov

Calculate personalized estimates and compare vehicles



GOVERNMENT 5-STAR SAFETY RATINGS

Overall Vehicle Score ★★★★★

Based on the combined ratings of frontal, side and rollover. Should ONLY be compared to other vehicles of similar size and weight.

Frontal Crash Driver Passenger ★★★★★

Based on the risk of injury in a frontal impact. Should ONLY be compared to other vehicles of similar size and weight.

Side Crash Front seat Rear seat ★★★★★

Based on the risk of injury in a side impact.

Rollover ★★★★★

Based on the risk of rollover in a single-vehicle crash.

Star ratings range from 1 to 5 stars (★★★★★), with 5 being the highest.

Source: National Highway Traffic Safety Administration (NHTSA).

www.safercar.gov or 1-888-327-4236

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TRF Ford - Gray XL Series

DRB-002981 MN 9-NORMAL, NB, 102981, PC221 8932 220230331 6610 ULC U R MN C 012799 829/1742 1FTEW1EP4 PFB41063 NB

VEHICLE DESCRIPTION
F-150
 2023 F-150 4X4 SUPERCREW
 145" WHEELBASE
 2.7L V6 ECOBOOST
 ELEC TEN-SPEED AUTO W/TOW M

EXTERIOR
 CARBONIZED GRAY METALLIC

INTERIOR
 BLACK SPORT CLOTH40/20/40

PF B41063

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- STANDARD EQUIPMENT INCLUDED AT NO EXTRA CHARGE**
- | | | | |
|---|---|--|--|
| <p>EXTERIOR</p> <ul style="list-style-type: none"> DAYTIME RUNNING LAMPS EASY FUEL CAPLESS FILLER FULLY BOXED STEEL FRAME HALOGEN HEADLAMPS HEADLAMPS - AUTO HIGH BEAM HEADLAMPS - AUTOLAMP (ON/OFF) LOCKING REMOVABLE TAILGATE MANUAL FOLD POWER MIRRORS PICKUP BOX TIE DOWN HOOKS POWER TAILGATE LOCK TRAILER SWAY CONTROL WIPERS - INTERMITTENT | <p>INTERIOR</p> <ul style="list-style-type: none"> 4" PRODUCTIVITY SCREEN CRUISE CONTROL DOOR LOCKS - POWER DUAL SUNVISORS ILLUMINATED ENTRY MESSAGE CTR: OUTSIDE TEMP, COMPASS, TRIP COMPUTER POWERPOINTS - 12V TILT/TELESCOPE STR COLUMN | <p>FUNCTIONAL</p> <ul style="list-style-type: none"> AUTO HOLD CRUISE CONTROL DYNAMIC HITCH ASSIST FAIL-SAFE COOLING SYSTEM FORDPASS CONNECT™ 4G HOTSPOT TELEMATICS MODEM HILL START ASSIST MYKEY® POST-COLLISION BRAKING PRE-COLLISION ASSIST W/AEB REVERSE SENSING AND REAR VIEW CAMERA SELECTSHIFT® SYNC®4 W/8" SCREEN | <p>SAFETY/SECURITY</p> <ul style="list-style-type: none"> ADVANCETRAC™ WITH RSC® AIRBAGS - FRONT SEAT MOUNTED SIDE IMPACT AIRBAGS - SAFETY CANOPY® CTR HIGH MOUNT STOP LAMP PERIMETER ALARM SOS POST-CRASH ALERT SYS™ TIRE PRESSURE MONIT SYS <p>WARRANTY</p> <ul style="list-style-type: none"> 3YR/36,000 BUMPER / BUMPER 5YR/60,000 POWERTRAIN 5YR/80,000 ROADSIDE ASSIST 8YR/100,000 HYBRID BATTERY |
|---|---|--|--|

<p>INCLUDED ON THIS VEHICLE</p> <p>EQUIPMENT GROUP 101A</p> <ul style="list-style-type: none"> XL SERIES <p>OPTIONAL EQUIPMENT/OTHER</p> <ul style="list-style-type: none"> 2.7L V6 ECOBOOST 1,285.00 275/65R 18 BSW ALL-TERRAIN NO CHARGE 3.55 RATIO REGULAR AXLE NO CHARGE 6600# GVWR PACKAGE NO CHARGE FRONT LICENSE PLATE BRACKET NO CHARGE COLOR-COORDINATED CARPET 145.00 STX APPEARANCE PACKAGE 2,585.00 .SYNC 4 W/ENHANCED VOICE RECOG .REAR-WINDOW DEFROSTER .SIRIUS XM W/ 360L .PRIVACY GLASS W/REAR DEFROSTE ENGINE BLOCK HEATER 90.00 50 STATE EMISSIONS NO CHARGE LINER-TRAY STYLE-NO CARPET MAT 160.00 AUTO START-STOP REMOVAL - 50.00 CLASS IV TRAILER HITCH 315.00 18" 6-SPOKE GLOSS BLACK WHEELS STX SPORT CLOTH 40/20/40 NO CHARGE 	<p>PRICE INFORMATION</p> <p>BASE PRICE \$45,410.00</p> <p>TOTAL OPTIONS/OTHER 4,530.00</p> <p>TOTAL VEHICLE & OPTIONS/OTHER 49,940.00</p> <p>DESTINATION & DELIVERY 1,685.00</p> <p>TOTAL BEFORE DISCOUNTS \$1,835.00</p> <p>XL DISCOUNT - 750.00</p> <p>STX APPEARANCE DISCT - 750.00</p> <p>TOTAL SAVINGS - 1,500.00</p>
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no trade in price

RAMP ONE	RA2H	RAIL	ITEM # 58-0301 O/T 2	<p>TOTAL MSFP \$50,335.00</p> <p>Whether you decide to lease or finance your vehicle, you'll find the choices that are right for you. See your dealer for details or visit www.ford.com/finance.</p> <p>Ford Credit</p>
RAMP TWO				
<p>This label is affixed pursuant to the Federal Automobile Information Disclosure Act, Gasoline, License, and Title Fees, State and Local taxes are not included. Dealer installed options or accessories are not included unless listed above.</p>				<p>PC221 N RB 2X 340 002981 03 22 23</p>

EPA DOT Fuel Economy and Environment Gasoline Vehicle

Fuel Economy
20 MPG combined city/hwy
 17 city
 23 highway
 5.0 gallons per 100 miles

You spend **\$3,000** more in fuel costs over 5 years compared to the average new vehicle.

Annual fuel cost \$2,200

Fuel Economy & Greenhouse Gas Rating 4

Smog Rating 6

Actual results will vary for many reasons, including driving conditions and how you drive and maintain your vehicle. The average new vehicle gets 28 MPG and costs \$8,000 to fuel over 5 years. Cost estimates are based on 15,000 miles per year at \$2.95 per gallon. MPGe is miles per gasoline gallon equivalent. Vehicle emissions are a significant cause of climate change and smog.

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Frontal Crash	Driver	★★★★★
	Passenger	★★★★★

Based on the risk of injury in a frontal impact. Should ONLY be compared to other vehicles of similar size and weight.

Side Crash	Front seat	★★★★★
	Rear seat	★★★★★

Based on the risk of injury in a side impact.

Rollover ★★★★★
 Based on the risk of rollover in a single-vehicle crash.

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Administrator Report

August 10, 2023

Red River Watershed Management Board: I plan to attend the RRWMB meeting held in Ada on August 15, 2023.

Mud River Project: The Mud River Project Work Team is scheduled to meet on Monday, August 14 at 9:00 a.m. This meeting was originally scheduled to be held on July 27th, but due to harvest was postponed to August 14th. With the small grain harvest, I am concerned about the lack of local landowners that participate on the project team being able to attend. In addition, I have heard from one project team member and an observer about downstream impacts and lack of additional downstream landowners being on the project team membership. The agenda for the meeting is included in the packet.

Upper Lower Red Lake 1W1P: Staff member Corey Hanson will participate in the Public Kick Off meeting in Kelliher, MN on August 15th.

Pine Lake: The beaver dam on the Lost River, upstream of Pine Lake was removed by a local contractor. Three beavers were removed from that dam. With recent local rainfall events, the lake is currently at summer elevation.

Judicial Ditch 21 (Moose River): Staff members Nate Koland and Erick Huseth attended a JD 21 meeting on August 9th. Marshall County Commissioner Gary Kiesow requested a representative from the District to attend the meeting to give an update on the operation of the Moose River Impoundment. Timing was good, as both staff members were completing a field survey on JD 21 for the Thief River 1W1P project.

Polk County Ditch 99 (Red Lake River 1W1P): Staff member Corey Hanson attended the Polk County Ditch 99 pre-construction meeting at the project site on August 3rd. Hanson followed up the meeting, with a meeting with landowners on the Crescent Avenue project.

Ditch 16, RLWD Project No. 177: Paul Zavoral/Higher Ground will be wrapping up FEMA repairs on RLWD Ditch 16.

Thief River 1W1P: Staff members Audette, Hanson and Joppru participated in the August 7th Thief River 1W1P Steering Committee meeting.

AGENDA

Project: [Mud River Project Team](#)

Subject: Meeting to Review Approaches and Study

Date and Time: Monday, August 14, 2023; 9:00AM to 11:30AM

Location: RLWD Office, 1000 Pennington Ave S, Thief River Falls, MN 56701

Agenda Items	Action	Time
Introductions	Information	9:00 - 9:10 AM
Update on Technical Analyses <ul style="list-style-type: none"><i>Disposition of excavated materials</i><i>Project effects downstream</i><i>Habitat features and vegetation</i>	Information	9:10 – 10:00 AM
Regulatory Considerations and Permitting Strategy	Information	10:00 – 10:20 AM
BREAK		10:20 – 10:30 AM
Funding Sources	Information	10:30 – 10:50 AM
Discussion <ul style="list-style-type: none"><i>Temperature check of room on the viability of the project</i><i>Discussion on whether to recommend project establishment to the RLWD</i>	Discussion	10:50 – 11:20 AM
Next Steps <ul style="list-style-type: none"><i>Outline next Steps if project is initiated</i>	Information	11:20 – 11:30 AM