

# RED LAKE WATERSHED DISTRICT

May 14, 2020

Agenda

9:00 a.m.

Via Teleconference

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	April 23, 2020 Minutes	Action
	May 5, 2020 Special Meeting Minutes	Action
	Financial Report dated May 13, 2020	Action
	Investment Summary dated May 13, 2020	Information
	General Fund Budget	Information
	Thief River Falls Westside FDR Project No. 178	Information
	R.J. Zavoral & Sons, Inc.-Change Order No. 2	Action
	R.J. Zavoral & Sons, Inc.-Pay Estimate No. 1	Action
	Pete Carlson Temporary Right of Way	Action
	State of MN – Grant Amendment	Information
	Pine Lake Project, RLWD Project No. 26-HDR Task Order No. 3	Action
	Black River Impoundment, RLWD Project No. 176 NRCS RCPP Process	Information
	RLWD Ditch 16, RLWD Project No. 177	Information
	Improvement to Polk County Ditch 39, RLWD Project No. 179 Data Practice Request	Information
	RLWD Ditch 10, RLWD Project No. 161-Plans and Specifications Plans and Specifications	Info./Action
	Athena Threatt Ring Dike	Information
	Impoundment Update	Information
	Withdraw Permit No. 20-012, Brent Strand, Badger Township	Action
	Permit Extension No. 19-109, Bryan Grove, Wyandotte Township	Action
	Revise Permit No. 19-198, Parjim Farmland, GP	Action
	Deny Permit No. 20-057, Lessor Township	Action

Permits: No. 20011, 20018, 20021, 20022, 20024-20035, 20038, 20040-20056, 20058, 20061, 20062, 20064-20067	Action
Red River Basin Commission Board Tour and Meeting	Information
COVID 19	Information
Engineer Specialist Position	Info./Action
Administrators Update	Information
Legal Counsel Update	Information
Managers' updates	Information
Adjourn	Action

UPCOMING MEETINGS

May 19, 2020	RRWMB Meeting, 10:00 a.m.
May 28, 2020	RLWD Board Meeting, 9:00 a.m.
June 11, 2020	RLWD Board Meeting, 9:00 a.m.

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
Via Conference Call  
April 23, 2020

**DRAFT**

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

Present in person Manager Dale M. Nelson. By roll call of President, others stated present via telephonic conference calling were Managers Gene Tiedemann, Terry Sorenson, Allan Page, Brian Dwight, LeRoy Ose, and Les Torgerson. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel Delray Sparby.

The Board reviewed the agenda. Administrator Jesme recommended removing Check No. 38134 from the Financial Report, as this is an agenda item. Motion by Tiedemann, seconded by Sorenson and passed by unanimous vote that the Board approve the agenda with the removal of Check No. 38134 from the Financial Report. Motion carried.

The Board reviewed the April 9, 2020 minutes. Motion by Tiedemann, seconded by Sorenson, to approve the April 9, 2020 Board meeting minutes. Upon roll call vote, motion carried unanimously.

The Board reviewed the Financial Report dated April 22, 2020. Manager Dwight questioned the engineering expenditures for the Pine Lake Project, RLWD Project No. 26. Administrator Jesme stated that the expenditures were for the preparation of the incremental alternative discussion with the MnDNR. Motion by Tiedemann, seconded by Torgerson, to approve the Financial Report dated April 22, 2020, except for Check No. 38134. Upon roll call vote, motion carried unanimously.

Staff member Arlene Novak presented the 2019 Annual Audit Report. Motion by Sorenson, seconded by Tiedemann, to approve the 2019 Annual Audit Report as presented. Upon roll call vote, motion carried unanimously.

Administrator Jesme stated that he had been contacted by Bob Proulx, Parnell Township Supervisor, asking if the District would pay for damages to the Parnell Township road, directly downstream of the west outlet structure of the Parnell Impoundment, RLWD Project No. 81 during this spring's flood. After discussion by the Board that there was no error in operation of the dam during the spring flooding and that the damage to road was caused by the record flood event, motion by Tiedemann, seconded by Sorenson, and passed unanimously by roll call vote, to deny the request of Parnell Township for repair to the township road downstream of the west outlet of the Parnell Impoundment, RLWD Project No. 81.

Construction has begun at the outlet of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. R.J. Zavoral and Sons, Inc., continue to brush and strip the area of the outlet. Nate Dalager, HDR Engineering, Inc., informed the Board that the landowner did

not remove all his debris from the property the District purchased located south of Evergreen Implement. Manager Nelson is working with a local contractor to remove the debris. Dalager stated that the MPCA Storm Water Permit was received, and that a wavier was required from MnDOT to move heavy equipment despite the road limits. CenturyLink will have their lines moved by May 15, or earlier.

The Board reviewed a letter from contractor R.J. Zavoral & Sons, Inc., regarding additional costs due to the Covid 19 pandemic as it relates to the construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Administrator Jesme stated that a letter was submitted to the Contractor, informing them that there is no basis to immediately delay the contract, nor a provision for any increase in contract prices. Jesme stated that the letter did indicate that if conditions did change, the issue could be reviewed at that time.

Administrator Jesme reviewed a letter submitted to contractor R.J. Zavoral & Sons, Inc., regarding use of the District's Tax-Exempt status for the purchase of materials for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Jesme reviewed the tax-exempt classification, clarifying that several, very specific provisions of statues and rules would need to be carefully followed for the use of the District's Tax-Exempt status. Jesme did inform R.J. Zavoral and Sons, Inc., that the District would take no further action on their request.

Administrator Jesme stated that based on the wetland mitigation from WCA, the District will have to mitigate 2.98 acres of wetlands for the construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Jesme stated that the District may be able to purchase wetland credits from Pennington County for \$18,000 per acre or purchase the credits from the District's wetland bank account at an amount of \$14,000 per acre that was previously determined by the Board. Jesme indicated that check No. 38134 in today's Financial Report reflects the Annual Wetland Maintenance fee and a fee for the potential withdrawal of the 2.98 acres from the District's wetland banking site. After discussion by the Board, motion by Tiedemann, seconded by Sorenson, and passed unanimously by roll call vote, to approve the withdrawal of 2.98 acres from the District's wetland banking credits at \$14,000 per acre for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178.

The Board reviewed Task Order No. 3 from HDR Engineering, Inc., for Final Engineering for the Pine Lake Subwatershed Project, RLWD Project No. 26. Engineer Nate Dalager, HDR Engineering, Inc., stated that through a series of meetings and Project Team meetings, we have focused on a final alternative to replace the outlet structure of Pine Lake with an operable dam. Task Order No. 3 would get the project to construction. Manager Torgerson asked if replacement of the outlet structure would address the oxygen levels within the lake. Administrator Jesme stated that a provision was discussed that would call for a tube to be installed into the lake that would remove bottom water from the lake during drawdown which would prevent the release of higher oxygenated water from leaving the lake. Discussion was held on the financing of the project.

Administrator Jesme stated that he was contacted by landowner, Jeff Vonasek, regarding a grove of trees in the right-of-way on Ditch 16, RLWD Project No. 177, that was not addressed in the Viewers' Report. Mr. Vonasek is requesting \$3,000 for damages for replacement of the trees. Motion by Tiedemann, seconded by Sorenson, to approve payment of damages in the amount of \$3,000 to landowner Jeff Vonasek, for construction of Ditch 16, RLWD Project No. 177.

Administrator Jesme reminded that Board that the Final Hearing for the Improvement to Polk County Ditch 39, RLWD Project No. 179, had been suspended due to the Covid 19 pandemic. Jesme indicated that the Petitioners have reached out to him and would like to see the hearing be held in June if possible, for the potential of fall construction. The Petitioners have suggested holding the Final Hearing at the Tabor Town Hall, which is a large facility with garage doors that would allow for an open-air meeting and allow for social distancing. Legal Counsel Sparby discussed his concerns with holding the hearing with the Governor's current shelter in place order. It was the consensus of the Board, to continue this conversation at the next Board meeting, and if the Governor were to lift the shelter in place order an Emergency Board meeting could be held to schedule the hearing.

Administrator Jesme stated that with the proposed State bonding bill, the District will not receive funding from the State of MN for construction of the Black River Impoundment, RLWD Project No. 176. The RRWMB has indicated they are committed to moving forward with their funding should no state funds be made available in this year's bonding bill. The District will need to complete a Step 3 submittal to the RRWMB, which can not be submitted until all permits have been acquired. Discussion was held on the jurisdiction of upstream wetlands with the U.S. Army Corps of Engineers (Corps). Engineer Tony Nordby, Houston Engineering, Inc., stated that he asked the Corps to complete a new jurisdiction of the wetlands. Plans and Specifications are ready to go, with minor revisions depending on the permitting. Easements on the diversion ditches would need to be acquired. The signed Land Rental agreement was received from Nick Knott.

Surveying was completed on the outlet of Ditch 10, RLWD Project No. 161. Engineer Tony Nordby, Houston Engineering, Inc., stated that they are researching an additional route to install the pipe to potentially allow for the rock structure to stay in place to help save some costs.

The Board reviewed two quotes for the replacement of the stem risers on the outlet structure of the Schirrick Dam, RLWD Project No. 25. Motion by Tiedemann, seconded by Sorenson, to approve the low quote from Lee Plumbing and Heating in the amount of \$1,620 for replacement of the stem risers on the Schirrick Dam, RLWD Project No. 25. Upon roll call vote, motion carried unanimously.

Administrator Jesme stated that two landowners downstream of the Euclid East Impoundment, RLWD Project No. 60, have requested the potential of installing a berm on Branch C of Polk County Ditch 66. Jesme will reach out to Polk County Ditch Inspector to begin dialogue on the subject. District Staff has also been working with landowner, Dennis Schultz, for improving the outlet channel on his land downstream of the Euclid East Impoundment.

The Board reviewed an impoundment update prepared by Staff member Nick Olson.

Motion by Tiedemann, seconded by Sorenson, to table RLWD Permit No. 20-011, Tom Goddard, North Township, Pennington County. Upon roll call vote, motion carried unanimously.

The Board reviewed the permits for approval. Motion by Tiedemann, seconded by Sorenson, to approve the following permits with conditions stated on the permit: No. 20015, Rocksbury Township, Pennington County; No. 20016, David Faldet, Lessor Township, Polk County; No. 20017, Terrebonne Township, Red Lake County; No. 20019, Polk County Highway Department, Brandsvold Township, Polk County; No. 20020, Marshall County Highway Department, Rollis Township, Marshall County; and No. 20023, Pennington County Highway Department, Silverton Township, Pennington County. Motion carried unanimously following roll call vote.

Administrator Jesme informed that Board, that Staff member Ashley Hitt was able to secure the renewal of the Districts ESRI-GIS maintenance rate at an amount of \$686.80, which is a substantial savings.

#### Administrator Meeting:

- Jesme and Manager Ose participated in the RRWMB meeting via conference call on April 21, 2020.
- Staff member Hanson participated in a telephone conference to discuss the workplan for the upcoming MPCA 319 Grant that was approved for the Red Lake River Watershed. This grant will provide an additional \$467,132.00 of federal funding for water quality projects in a priority planning area with the Red Lake River and Black River Watershed. These funds can be used as a match with the approved Red Lake River 1W1P funding. Areas within the Black River Impoundment watershed where this funding can be used and matched will be determined. The Work Plan and budget will be reviewed by the Board at a later date
- Staff members Hanson and Hitt participated in a PTMApp meeting on April 22<sup>nd</sup>. The meeting was intended to assist in identifying areas in the watersheds where projects would show the most measurable results.
- MnDOT will be holding a bid letting for various projects located in TRF on April 24<sup>th</sup>.
- MnDOT will host a virtual public meeting intended to update the public on MnDOT projects within the TRF area. MnDOT has asked the County, City and Watershed to participate in order to answer any questions the public may have. The meeting will take place on Wednesday, April 29<sup>th</sup>, from 5:00 to 7:00 p.m.
- Included in the packet was the Marshall County Emergency Declaration concerning potential eligibility for federal or state disaster declaration for damages related to spring flooding.

Manager Dwight asked the status of hiring for the Engineering Technician position. Interviews are scheduled for the week of May 4<sup>th</sup>.

Manager Ose updated the Board on the RRWMB meeting.

Legal Counsel Sparby stated that the Four-Legged Lake, RLWD Project No. 102 hearing is scheduled for this summer. More information will be given later.

Manager Page discussed the outlet of Ditch 10, RLWD Project No. 161, and the replacement of the stems on the Schirrick Dam, RLWD Project No. 25. Administrator Jesme stated that he had several landowners inquire about the lease of property for the pool on the Schirrick Dam. Jesme informed the landowners that the easements for the project are perpetual and no further negotiations will be had. Landowner Don Schirrick also asked for additional compensation due to damages on his fences. Administrator Jesme reminded Mr. Schirrick that it was his request/demand during the original negotiations, that he be allowed to pasture that area so coming back now for additional compensation may fall on deaf ears.

Administrator Jesme discussed a phone call he received from a landowner regarding an old gravel pit that was made into a lake. The adjacent landowner stated that the water in the pit is causing his field to remain wet and would like the old private channel to the north to be cleaned out. In discussion with Legal Counsel Sparby, it was his opinion that the District has no jurisdiction to make the landowner clean an old private channel to regulate the private pond. Motion by Tiedemann, seconded by Ose, and passed by unanimous roll call vote to adjourn the meeting.

---

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT  
Board of Manager's Minutes  
SPECIAL MEETING  
Via Conference Call  
May 5, 2020

**DRAFT**

President Dale M. Nelson called the Special Meeting to order via telephonic Conference Call at 12:00 p.m. at the Red Lake Watershed District Office, Thief River Falls, MN.

Present in person Manager's Dale M. Nelson, Terry Sorenson and Brian Dwight. By roll call of President, others stated present via telephonic conference calling were Managers Gene Tiedemann, Allan Page, LeRoy Ose, and Les Torgerson. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel Delray Sparby and Legal Counsel John Kolb (via telephone).

The Board reviewed the agenda. Motion by Tiedemann, seconded by Dwight, to approve the agenda. Upon roll call vote, motion carried unanimously.

President Nelson stated that a Special Meeting was called to allow the Board to have discussion on Change Order No. 1 for the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Legal Counsel John Kolb stated that the contractor, R.J. Zavoral & Sons, Inc., requested the District to complete a Tax Exemption Status Form identified in the Specifications that says the Red Lake Watershed District referred to as the "Owner" of the project is tax exempt and a supplementary addition that said same "Owner" would provide provisions for Tax Exempt Status. Kolb stated that there are very specific statutory rules the District would need to meet, and our contract does not meet those tax exempt rules, which could leave the District with on-going risks for additional taxes and penalties, plus any product defect would be the responsibility of the District. In addition to the sales tax, the Contractor is also requesting an additional 10% to assist in compensating them for additional work to deal with ordering materials that were not part of their bid.

Engineer Nate Dalager, HDR Engineering, Inc., stated that the tax-exempt language should not have been in the Specifications.

Manager Nelson noted that HDR Engineering, Inc., has agreed to pay for all legal fees incurred by the District related to the tax-exempt discussions and negotiation and implementation of Change Order No. 1.

Motion by Dwight, seconded by Tiedemann, to move forward with the approval of Change Order No. 1, including the additional 10% fee, with HDR Engineering, Inc., paying all legal fees related to the tax exempt discussions and negotiation and implementation of Change Order No. 1 with R.J. Zavoral and Sons, Inc. for the construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Upon roll call vote, the motion carried unanimously.

Motion by Torgerson, seconded by Ose, and passed by unanimous roll call vote to adjourn the meeting.

---

LeRoy Ose, Secretary



**RED LAKE WATERSHED DISTRICT**  
**Financial Report for May 13, 2020**

<b>Ck#</b>	<b>Check Issued to:</b>	<b>Description</b>	<b>Amount</b>
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,204.34
online	MN Department of Revenue	Withholding taxes	725.63
online	Public Employees Retirement Assn.	PERA	2,366.30
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,063.54
online	MN Department of Revenue	Withholding taxes	717.29
online	Public Employees Retirement Assn.	PERA	2,334.66
38153	City of Thief River Falls	Electricity, water, sewer, etc.	693.62
38154	Ihle Sparby & Haase, P.A.	*Legal services-Nov. 26, 2019 to Apr. 6, 2020	5,256.00
38155	Sjoberg's Cable TV	Internet expense	106.95
38156	Ameripride Services Inc.	Office rug rental	45.39
38157	Tammy Audette	Clean offices in April	160.00
38158	Mark Beito	Remove 19 beaver from Moose River Impoundment	1,425.00
38159	Jerry Bennett	Viewers fees for Project 179	825.00
38160	Brodin Comfort Systems	Repair north furnace and geotherm	250.19
38161	Corporate Technologies	Barracuda backup, annual updates for cloud backup & replacem	2,628.50
38162	Dakota Mailing & Shipping	2 ink cartridges for postage meter	150.96
38163	Evans Scrap and Steel Inc.	Remove & dispose scrap metal, cement, etc.from Proj. 178 proj	750.00
38164	Farmers Union Oil Company	Gas for 2019 pickup	267.44
38165	Fleet Supply	Spade shovel	23.50
38166	HDR, Inc.	Develop impoundment inspection forms for Brandt & Euclid Eas	526.25
38167	Brent Hemly	Remove 20 beaver from Moose River Impoundment	1,500.00
38168	Les's Sanitation Inc.	Garbage pickup	34.70
38169	Marco	** See below for explanation	382.91
38170	MN Energy Resources Corp.	Heating expense	39.20
38171	Dale M. Nelson	Mileage	32.20
38172	Northdale Oil Inc.	Gas for 2015 pickup	24.32
38173	Northwest Beverage, Inc.	H2O for office	19.50
38174	Northwestern Mutual Financial	Deferred Compensation	577.19
38175	Office Depot	Paper towels for bathroom dispensers	68.74
38176	Oil Boyz Express Lube	Oil changes on 2019 Chev. And 2015 Ford pickups	144.44
38177	Olson Construction	Snow plow parking lot in April	60.00
38178	Polk County Taxpayer Service	2020 Property taxes	3,358.29
38179	Rinke Noonan	Monthly legal services retainer	200.00
38180	TRF Lock & Key	Fix deadbolt and new handle on garage walkin door	190.00
38181	Widseth Smith Nolting & Assoc. Inc.	Threat ring dike engineering	1,402.50
38182	Shane/Angela Vonasek & Genevieve Vonasek	Payment for tree damage-approved Board meeting of 4-23-20	3,000.00
online	Blue Cross Blue Shield	Health insurance premium	3,431.00
online	Cardmember Services	Cellular phone expense	325.87
direct	Al Page	Mileage and lodging reimbursement	148.13
direct	Terry Sorenson	Mileage	43.13
online	Further	Medical FSA	5.21
online	Further	Medical FSA	122.00
	<b>Payroll</b>		
	Check #11938-11948		13,627.33
	<b>Total Checks</b>		<u>\$ 56,257.22</u>

**\*Ihle Sparby & Haase PA**

Proj. 01 Administration	4392.00
Proj. 178 TRF Westside FDR	630.00
Proj. 179 RLWD Ditch 17	<u>234.00</u>
Total	5256.00

**\*Marco**

Monthly telephone expense	329.82
Monthly copier maintenance	<u>53.09</u>
<b>Total</b>	382.91

**Banking****Northern State Bank**

Balance as of April 22, 2020	\$ 147,574.49
Total Checks Written	(56,257.22)
Receipt #989741 Red Lake County-delinquent taxes from 2007-2011	24.20
Receipt #989742 State of Minnesota-Reimburse cost share of Request #3-TRF Westside FDR Proj.	186,355.95
Receipt #989743 Northern State Bank-Monthly interest	46.47
Receipt #989751 State of Minnesota-Reimburse for cost share of Pay request #4, TRF Westside FDF	<u>169,121.90</u>
Balance as of May 13, 2020	<u>\$ 446,865.79</u>

Current interest rate is .30%

**American Federal Bank-Fosston**

Balance as of April 22, 2020	\$ 2,805,843.47
Receipt #989745 American Federal Bank-monthly interest	1,948.79
Receipt # 989746 Loren/Marjean Sanderson-Reimburse for single health and dental insurance	761.45
Receipt #989747 Unity Bank/CDARS-Matured CDs less wire transfer fee (\$25)	1,199,975.00
Receipt #989748 Unity Bank/CDARS-Monthly interest on matured CDs and remaining CDs	2,928.63
Receipt #989749 RRWMB-Cost share of TRF Westside FDR Project #3	124,237.31
Receipt #989750 RRWMB-PWT cost share reimbursement-Pine Lake and Black River Impoundment	7,318.94
Receipt #989752 Daniel/Joyce Wallace-Annual rent for Proj. 60D	<u>102.00</u>
Balance as of May 13, 2020	<u>\$ 4,143,115.59</u>

Current interest rate is 1.00%

**Bremer Bank**

Balance as of April 22, 2020	\$ 2,069,916.36
Receipt #989744 Bremer Bank-Monthly interest	<u>1,169.85</u>
Balance as of May 13, 2020	<u>\$ 2,071,086.21</u>

Current interest rate is .35%

Red Lake Watershed District  
as of May 13, 2020

<u>Name of Institution</u>	<u>Purchase/ Current Value</u>	<u>Int. Rate</u>	<u>Mat. Date</u>	<u>*Maturity Amount</u>
10010 Northern State Bank (checking)	\$ 446,865.79	0.30%		\$ 446,865.79
10030 American Federal Bank Fosston	\$ 4,143,115.59	1.00%		\$ 4,143,115.59 *
10040 Bremer Bank Detroit Lakes	\$ 2,071,086.21	0.35%		\$ 2,071,086.21
10380 Edward Jones (Bank Baroda NY)	\$ 200,000.00	1.75%	7/31/2020	\$ 201,750.00
10260 CDARS-The Park Nat'l Bank, Newark,OH (int.pd quarterly via check)	\$ 200,000.00	2.25%	9/5/2020	\$ 200,000.00
10710 CDARS-Poppy Bank & Park Nat'l Bank (int.pd monthly via check)	<u>\$ 200,000.00</u>	2.50%	10/1/2020	<u>\$ 200,000.00</u>
	<u>\$ 7,261,067.59</u>			<u>\$ 7,262,817.59</u>

\* \$ designated for Ditch 16

**2019 GENERAL FUND BUDGET**

as of March 31, 2020

(unaudited)

	<b>2020 BUDGET</b>	<b>2020 Exp</b>	<b>(over) under</b>	<b>1st Qtr Exp.</b>
		<b>TO 3-31-20</b>		
Manager's fees, salaries	33,400.00	6,140.00	27,260.00	8,350.00
Board of Manager's expense	22,000.00	3,454.05	18,545.95	5,500.00
Staff salaries	460,000.00	116,814.30	343,185.70	115,000.00
Payroll taxes	35,190.00	8,120.66	27,069.34	8,797.50
Employee benefits	60,000.00	15,585.49	44,414.51	15,000.00
Travel and meetings(inc. mileage & exp.	5,000.00	738.01	4,261.99	1,250.00
Audit	9,450.00	9,450.00	0.00	2,362.50
Legal	16,000.00	600.00	15,400.00	4,000.00
Office supplies	20,000.00	2,192.61	17,807.39	5,000.00
Office equipment	50,000.00	5,499.90	44,500.10	12,500.00
Appraiser/Viewer Expense	2,000.00	0.00	2,000.00	500.00
Professional services (inc. Eng. Fees)	20,000.00	4,324.29	15,675.71	5,000.00
Dues and subscriptions	10,000.00	7,978.00	2,022.00	2,500.00
Insurance and bonds	25,000.00	0.00	25,000.00	6,250.00
Repairs and maintenance-Building	15,000.00	2,294.81	12,705.19	3,750.00
Utilities	10,000.00	2,897.98	7,102.02	2,500.00
Advertising and publications	4,000.00	4,704.35	(704.35)	1,000.00
Telephone	11,000.00	1,626.83	9,373.17	2,750.00
Vehicle expense and maintenance	14,000.00	1,610.60	12,389.40	3,500.00
Engineering supplies	3,000.00	134.18	2,865.82	750.00
Engineering equipment	18,000.00	0.00	18,000.00	4,500.00
Interest	0.00	0.00	0.00	0.00
<b>TOTAL</b>	<b>843,040.00</b>	<b>194,166.06</b>	<b>648,873.94</b>	<b>210,760.00</b>
Less: Overhead	690,000.00	153,754.91	(536,245.09)	172,500.00
Less: Miscellaneous revenue	7,000.00	0.00	(7,000.00)	1,750.00
<b>General Fund Budget</b>	<b>146,040.00</b>	<b>40,411.15</b>	<b>105,628.85</b>	<b>36,510.00</b>

		TO 3-31-20
January 1, 2020 Beg. Balance	151,168.90	151,168.90
County levies revenue	0.00	0.00
Misc. revenue		0.00
Gross balance with revenue		<u>151,168.90</u>
Less net expenses		<u>(40,411.15)</u>
Subtotal- General Fund w/o interest		<b>110,757.75</b>
Plus interest earned-if allocated to GF 100%		<u>27,434.11</u>
General Fund Balance 3-31-20		<u><u>138,191.86</u></u>



## Change Order No. 2

<b>Project Name:</b>  Thief River Falls Westside Flood Damage Reduction Project (RLWD Project #178)	<b>HDR Project No.:</b>  #10134290
<b>Project Owner:</b>  Red Lake Watershed District  1000 Pennington Avenue South  Thief River Falls, MN 56701	<b>Owner's Project No.:</b>  #178
	<b>Date of Issuance:</b>  May 14, 2020
<b>Project Contractor:</b>  RJ Zavoral and Sons, Inc.  P.O.Box 435  East Grand Forks, MN 56721	<b>Date of Contract:</b>  March 27, 2020
	<b>Contract Period:</b>  March 27, 2020 to October 15, 2020 (final completion)

**It is agreed to modify the Contract referred to above as follows:**

CPR #	ITEM AND DESCRIPTION OF CHANGES	CHANGE IN CONTRACT PRICE	CHANGE IN CONTRACT TIME
2.1	For item 2506.502. 1. Delete 3 – 4'x4', 10 – 6'x6', 10 – 8'x6', 2 – 8'x8', 1 – 10'x8' box type manhole drainage structures and replace with 5 – 60", 5 – 72", 12 – 84", 1 – 96", 1 – 108", and 2 – 120" diameter round type manhole drainage structures in accordance with the plans and specifications for the Thief River Falls Westside Flood Damage Reduction Project, and as detailed in Appendix A – approved shop drawings. Delete the proposed grates in the contract drawings and replace with the HAALA Industries PS4X5H and PS4X3S grates in accordance with the plans and specifications for the Thief River Falls Westside Flood Damage Reduction Project, and as detailed in Appendix A – shop drawings.	(\$27,577.00)	None
	Difference Net	(\$27,577.00)	None

**Summary: It is agreed to modify the Contract referred to above as follows:**

Contract Price prior to this Change Order	Contract Time prior to this Change Order
\$ 6,806,705.77 _____	<u>October 15, 2020</u>
Net Increase (decrease) of this Change Order	Net Increase (decrease) of this Change Order
\$( 27,577.00) _____	<u>None</u>
Revised Contract Price with all approved Change Orders	Revised Contract Time with all approved Change Orders
\$ 6,779,128.77 _____	<u>October 15, 2020</u>

The changes included in this Change Order are to be accomplished in accordance with the terms, stipulations and conditions of the original Contract as though included therein.

Accepted for Contractor by:



Date:

5/11/2020

Recommended for Approval by (HDR Engineering, Inc.):



Date:

5/8/2020

Approved for Owner by:

Attest:

Date:

Approved: (Other - when required)

Date:

Distribution:  Owner  Contractor  Office  Field  Other

## Attachment A – TRF Westside Flood Damage Reduction Project – RJ Zavoral and Sons, Inc. - Approved Manhole Shop Drawings



# Contractor Submittal / Engineer Transmittal Letter

## Storm Sewer Concrete Structures and Pipe Shop Drawings

Project Name: Thief River Falls Westside Flood Damage Reduction Project (RLWD Project #178)		Date Received: April 17, 2020			
Project Owner: Red Lake Watershed District		Checked By: Dillon Nelson / Randy Knott			
Contractor: Zavoral & Sons, Inc.	HDR Engineering, Inc.	Log Page: 1			
Address: P.O. Box 435 East Grand Forks, MN 56721	Address: 213 LaBree Ave. North Suite 203 Thief River Falls, MN 56701	HDR No.: 10134290			
		Spec Section: SP-22 (2506)			
		Drawing/Detail No.:			
Attn: Nick Carlin	Attn: Nate Dalager	1st. Sub	X	ReSub.	
Date Transmitted: May 8, 2020		Previous Transmittal Date:			
Item No.	No. Copies	Description	Manufacturer	Mfr/Vendor Dwg or Data No.	Action Taken*
	1	Concrete Structures and Pipe	Forterra		B
Remarks:					
* The Action designated above is in accordance with the following legend:					

A - Furnish as Submitted

D - Rejected

B - Furnish as Noted

E - Engineer's review not required

C - Revise and Submit

1. Not enough information for review.
2. No reproducibles submitted.
3. Copies illegible.
4. Not enough copies submitted.
5. Wrong sequence number.
6. Wrong resubmittal number.
7. Wrong spec. section.
8. Wrong form used.
9. See comments.

1. Submittal not required.
2. Supplemental Information. Submittal retained for informational purposes only.
3. Information reviewed and approved on prior submittal.
4. See comments.

Comments: Drawings are approved contingent on Red Lake Watershed District Board approval on May 14, 2020 to change the design from box type manhole drainage structures to round type drainage structures as shown in the submittal.

4" x 4" x 1/2" angle under the hinge point of each grate must be provided as shown in the original bid drawings. This support must be cast into or bolted to the top cap. Station 1060+05 is short in elevation in regards to the adjusting rings and must be corrected. See comments in submittal and sheet D-18 of the plans.

Provide remaining storm sewer pipe material list in a future submittal for approval.

AE2S must approve the Sanitary Sewer 60" (I.D.) Air Release MH AR-81+23

By 

5-8-2020

Date





**Contractor's Application and Certificate for Payment Summary**

To (Owner): Red Lake Watershed District	From (Contractor): R.J. Zavoral & Sons, Inc.	Via (Engineer): Nathan P. Dalager
Owner's Project No.: 178	Contractor's Project No.:	Engineer's Project No.: 10134290
For (Contract): Thief River Falls Westside Flood Damage Reduction Project	Application No.: 1	Application Period: 4/20/2020 - 5/7/2020


**Application for Payment  
Change Order Summary**

Change Orders Approved by Owner:			
Number	Date Approved	Additions	Deductions
1	5/5/2020	\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
TOTALS		\$ -	\$ -
NET CHANGE BY CHANGE ORDERS		\$ -	\$ -

<b>1. ORIGINAL CONTRACT PRICE</b>	\$ 6,632,761.68
<b>2. NET CHANGE BY CHANGE ORDERS</b>	\$ -
<b>3. CONTRACT SUM TO DATE (Line 1 ± 2)</b>	\$ 6,632,761.68
<b>4. TOTAL COMPLETED AND STORED TO DATE</b> (Column F on Progress Estimate)	\$ 202,029.00
<b>5. RETAINAGE: 5% of Completed Work and Stored Material</b>	\$ 10,101.45
<b>6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5)</b>	\$ 191,927.55
<b>7. LESS PREVIOUS PAYMENTS</b>	\$ -
<b>8. AMOUNT DUE THIS APPLICATION</b>	\$ 191,120.05
<b>9. BALANCE TO FINISH</b>	\$ 6,430,732.68
<b>10. PERCENT COMPLETE</b>	3.05%

**Contractor's Certification**

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

Contractor:	
By: 	Date: 05/13/2020

Payment of:  
\$ 191,120.05 is recommended.

**HDR Engineering, Inc.**  
By:  Date: 5/12/2020

**Summary of Previous Payments**

Application No.	Application Period	Payment Amount
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -

Application No.	Application Period	Payment Amount
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -



**Contractor's Application and Certificate for Payment**

For (contract):		Thief River Falls Westside Flood Damage Reduction Project					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		1					Application Period:		4/20/2020 - 5/7/2020					
A			B		C		D	E		F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LUMP SUM	1	\$259,500.00	\$259,500.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1.0	
2101.501	CLEARING AND GRUBBING	LUMP SUM	1	\$27,725.00	\$27,725.00	0.0	1	0.0	1.0	100.00%	\$27,725.00	\$27,725.00	0.0	
2104.503	REMOVE 24" CS PIPE CULVERT	LIN FT	68	\$10.00	\$680.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	68.0	
2104.503	REMOVE 115" x 72" RC ARCH PIPE	LIN FT	92	\$19.00	\$1,748.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	92.0	
2104.503	REMOVE 138" x 88" RC ARCH PIPE	LIN FT	74	\$20.00	\$1,480.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	74.0	
2104.503	REMOVE 154" x 97" RC ARCH PIPE	LIN FT	80	\$23.00	\$1,840.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	80.0	
2104.503	SALVAGE 60" RC ARCH PIPE	LIN FT	150	\$24.50	\$3,675.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	150.0	
2104.502	SALVAGE SIGN TYPE A	EACH	14	\$200.00	\$2,800.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	14.0	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	832	\$2.50	\$2,080.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	832.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	2946	\$8.65	\$25,482.90	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2946.0	
2105.607	SPOIL HAULING (P)	CU YD	35480	\$7.95	\$282,066.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	35480.0	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	9876	\$1.55	\$15,307.80	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	9876.0	
2105.507	COMMON EXCAVATION (P)	CU YD	595137	\$2.68	\$1,594,967.16	0.0	49,250	0.0	49,250.0	8.28%	\$131,990.00	\$131,990.00	545887.0	
2105.507	COMMON BORROW (CV)	CU YD	10035	\$6.80	\$68,238.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	10035.0	
2118.509	AGGREGATE SURFACING, CLASS 1	TON	90	\$17.80	\$1,602.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	90.0	
2118.509	AGGREGATE SURFACING, CLASS 5	TON	2151	\$11.00	\$23,661.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2151.0	
2211.509	AGGREGATE BASE, CLASS 3	TON	929	\$10.00	\$9,290.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	929.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	1137	\$11.00	\$12,507.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1137.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	TON	367	\$90.00	\$33,030.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	367.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,B)	TON	175	\$90.00	\$15,750.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	175.0	
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	409	\$100.00	\$40,900.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	409.0	
2411.507	STRUCTURAL CONCRETE (3G52) (P)	CU YD	21	\$2,000.00	\$42,000.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	21.0	
2411.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	10270	\$2.15	\$22,080.50	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	10270.0	
2412.502	10X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$16,255.00	\$32,510.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2412.502	12X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$17,600.00	\$35,200.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2412.502	12X10 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	1	\$27,365.00	\$27,365.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1.0	
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	84	\$1,075.00	\$90,300.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	84.0	
2412.503	12X8 PRECAST CONCRETE BOX CULVERT	LIN FT	102	\$1,125.00	\$114,750.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	102.0	
2412.503	12X10 PRECAST CONCRETE BOX CULVERT	LIN FT	120	\$1,335.00	\$160,200.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	120.0	
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	2	\$5,700.00	\$11,400.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2451.507	GRANULAR BEDDING (CV)	CU YD	5084	\$11.15	\$56,686.60	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	5084.0	
2461	FLOWABLE FILL CONCRETE	CU YD	211	\$140.00	\$29,540.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	211.0	
2501.502	24" CAS PIPE APRON	EACH	3	\$375.00	\$1,125.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	3.0	
2501.502	30" CAS PIPE APRON	EACH	2	\$598.00	\$1,196.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2501.502	36" CAS PIPE APRON	EACH	4	\$930.00	\$3,720.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	4.0	
2501.502	18" CS PIPE APRON	EACH	18	\$170.00	\$3,060.00	0.0	2	0.0	2.0	11.11%	\$340.00	\$340.00	16.0	
2501.502	24" CS PIPE APRON	EACH	6	\$230.00	\$1,380.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	6.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		1					Application Period:		4/20/2020 - 5/7/2020					
A			B			C		D	E	F	G	H	I	J
Item			Work Completed											
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications		Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish	
							This Period						(A - F)	
2501.502	36" CS PIPE APRON	EACH	1	\$525.00	\$525.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1.0	
2501.502	48" CS PIPE APRON	EACH	8	\$1,100.00	\$8,800.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	8.0	
2501.502	FLAP GATE FOR 18"CS PIPE	EACH	16	\$685.00	\$10,960.00	0.0	2	0.0	2.0	12.50%	\$1,370.00	\$1,370.00	14.0	
2501.502	FLAP GATE FOR 24"CS PIPE	EACH	3	\$760.00	\$2,280.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	3.0	
2501.503	24" CAS PIPE CULVERT	LIN FT	222	\$40.00	\$8,880.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	222.0	
2501.503	30" CAS PIPE CULVERT	LIN FT	68	\$55.00	\$3,740.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	68.0	
2501.503	36" CAS PIPE CULVERT	LIN FT	143	\$65.00	\$9,295.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	143.0	
2501.503	15" CS PIPE CULVERT	LIN FT	20	\$32.00	\$640.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	20.0	
2501.503	18" CS PIPE CULVERT	LIN FT	1054	\$33.00	\$34,782.00	0.0	94	0.0	94.0	8.92%	\$3,102.00	\$3,102.00	960.0	
2501.503	24" CS PIPE CULVERT	LIN FT	262	\$40.00	\$10,480.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	262.0	
2501.503	48" CS PIPE CULVERT	LIN FT	271	\$105.00	\$28,455.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	271.0	
2501.503	84" CS PIPE CULVERT (BEVEL CUT ENDS)	LIN FT	636	\$187.00	\$118,932.00	0.0	196	0.0	196.0	30.82%	\$36,652.00	\$36,652.00	440.0	
2501.503	102" SPAN CS PIPE ARCH CULVERT (BEVEL CUT ENDS)	LIN FT	67	\$220.00	\$14,740.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	67.0	
2501.503	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	169	\$678.00	\$114,582.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	169.0	
2501.503	30" STEEL CASING PIPE	LIN FT	106	\$772.00	\$81,832.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	106.0	
2501.503	36" STEEL CASING PIPE	LIN FT	59	\$177.00	\$10,443.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	59.0	
2501.503	54" STEEL CASING PIPE - JACK INSTALLED	LIN FT	168	\$1,500.00	\$252,000.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	168.0	
2501.515	18" RC PIPE APRON	EACH	3	\$540.00	\$1,620.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	3.0	
2501.515	24" RC PIPE APRON	EACH	8	\$630.00	\$5,040.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	8.0	
2501.515	36" RC PIPE APRON	EACH	3	\$1,160.00	\$3,480.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	3.0	
2503.503	36" CS PIPE SEWER	LIN FT	738	\$67.00	\$49,446.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	738.0	
2503.503	12" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	23	\$50.00	\$1,150.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	23.0	
2503.503	15" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	19	\$55.00	\$1,045.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	19.0	
2503.503	18" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	164	\$58.00	\$9,512.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	164.0	
2503.503	24" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	1020	\$56.00	\$57,120.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1020.0	
2503.503	36" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	823	\$106.00	\$87,238.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	823.0	
2503.503	48" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2036	\$167.00	\$340,012.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2036.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2284	\$212.00	\$484,208.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2284.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS IV	LIN FT	108	\$238.00	\$25,704.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	108.0	
2503.503	60" RC PIPE CULVERT DESIGN 3006, CLASS III	LIN FT	16	\$248.00	\$3,968.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	16.0	
2503.602	CONNECT TO EXISTING FORCE MAIN	EACH	2	\$1,800.00	\$3,600.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2506.502	CONSTRUCT DRAINAGE STRUCTURE 36" CS PIPE RISER	EACH	2	\$1,100.00	\$2,200.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2506.502	CONSTRUCT 4X4 DRAINAGE STRUCTURE, PRECAST	EACH	3	\$7,475.00	\$22,425.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	3.0	
2506.502	CONSTRUCT 6X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$11,085.00	\$110,850.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	10.0	
2506.502	CONSTRUCT 8X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$14,815.00	\$148,150.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	10.0	
2506.502	CONSTRUCT 8X8 DRAINAGE STRUCTURE, PRECAST	EACH	2	\$14,400.00	\$28,800.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	2.0	
2506.502	CONSTRUCT 10X6 DRAINAGE STRUCTURE, PRECAST	EACH	1	\$15,915.00	\$15,915.00	0.0	0	0.0	0.0	0.00%	\$0.00	\$0.00	1.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project				Contractor:		R.J. Zavoral & Sons, Inc.						
Application No.:		1				Application Period:		4/20/2020 - 5/7/2020						
A					B	C		D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2506.502	CONSTRUCT 10X8 DRAINAGE STRUCTURE, PRECAST	EACH	1	\$34,850.00	\$34,850.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2506.502	CASTING ASSEMBLY - BEEHIVE GRATE AND FRAME	EACH	3	\$1,250.00	\$3,750.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2506.502	CASTING ASSEMBLY - COVER AND FRAME	EACH	3	\$780.00	\$2,340.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 3)	CU YD	1044	\$105.00	\$109,620.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1044.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 4)	CU YD	362	\$105.00	\$38,010.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	362.0	
2511.507	RANDOM RIPRAP - SPECIAL (D50 = 18")	CU YD	1450	\$105.00	\$152,250.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1450.0	
2511.507	RANDOM RIPRAP (CLASS 2)	CU YD	225	\$85.00	\$19,125.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	225.0	
2511.507	RANDOM RIPRAP (CLASS 3)	CU YD	2057	\$85.00	\$174,845.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2057.0	
2511.507	RANDOM RIPRAP (CLASS 4)	CU YD	1063	\$85.00	\$90,355.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1063.0	
2511.509	GRANULAR FILTER MATERIAL	TON	354	\$85.00	\$30,090.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	354.0	
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	110	\$54.00	\$5,940.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	110.0	
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$25,000.00	\$25,000.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$13,550.00	\$13,550.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6	\$2,600.00	\$15,600.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	6.0	
2573.502	STORM DRAIN INLET PROTECTION	EACH	4	\$125.00	\$500.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	4.0	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	782	\$5.50	\$4,301.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	782.0	
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	160	\$17.00	\$2,720.00	50.0	0	0.0	50	31.25%	\$0.00	\$850.00	110.0	
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	2546	\$3.00	\$7,638.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2546.0	
2574.505	SOIL BED PREPARATION	ACRE	10.8	\$200.00	\$2,160.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	10.8	
2574.508	FERTILIZER, TYPE 1	POUND	18800	\$0.50	\$9,400.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	18800.0	
2574.508	FERTILIZER, TYPE 3	POUND	220	\$0.50	\$110.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	220.0	
2575.504	TURF REINFORCEMENT MAT, CATEGORY 4	SQ YD	3200	\$16.00	\$51,200.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	3200.0	
2575.505	SEEDING	ACRE	75.1	\$300.00	\$22,530.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	75.1	
2575.505	DISK ANCHORING	ACRE	75.1	\$20.00	\$1,502.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	75.1	
2575.508	SEED MIXTURE, 25-131	POUND	2332	\$4.00	\$9,328.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2332.0	
2575.508	SEED MIXTURE, 25-141	POUND	4388	\$4.00	\$17,552.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	4388.0	
2575.508	HYDRAULIC MULCH MATRIX	POUND	22260	\$0.85	\$18,921.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	22260.0	
2575.509	MULCH MATERIAL TYPE 1	TON	150.2	\$80.00	\$12,016.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	150.2	
2575.523	WATER	M GAL	223	\$50.00	\$11,150.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	223.0	
2575.604	ROLLED EROSION CONTROL PREVENTION CATEGORY 25	SQ YD	5778	\$1.69	\$9,764.82	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	5778.0	
2582.503	6" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	1156	\$3.20	\$3,699.20	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1156.0	
2582.503	4" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	265	\$2.00	\$530.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	265.0	
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	115.6	\$2.00	\$231.20	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	115.6	
2722.549	8" PVC SDR-26 FORCE MAIN	LIN FT	2408	\$28.00	\$67,424.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2408.0	
2722.549	8" FORCE MAIN DIRECTIONAL BORE (FUSIBLE PVC C900)	LIN FT	344	\$100.00	\$34,400.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	344.0	
2722.549	20" PVC FORCE MAIN	LIN FT	2437	\$74.00	\$180,338.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2437.0	
2722.554	DUCTILE IRON FITTINGS (8" & 20")	POUND	2623	\$6.50	\$17,049.50	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2623.0	
2722.563	AIR RELEASE MANHOLE	EACH	1	\$15,250.00	\$15,250.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project - MnDOT Trunk Highway No. 1 (SP 5701-33)					Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		1					Application Period:		4/20/2020 - 5/7/2020					
A			B		C		D	E		F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2021.501	MOBILIZATION	LUMP SUM	1	\$25,000.00	\$25,000.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	112	\$2.50	\$280.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	112.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	706	\$9.00	\$6,354.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	706.0	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	826	\$1.55	\$1,280.30	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	826.0	
2118.509	AGGREGATE SURFACING CLASS 1	TON	75	\$18.00	\$1,350.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	75.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	236	\$11.00	\$2,596.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	236.0	
2232.603	MILLED RUMBLE STRIPS - INTERMITTENT	LIN FT	454	\$5.50	\$2,497.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	454.0	
2360.509	TYPE SP 12.5 WEARING COURSE MIX (3,C)	TON	308	\$100.00	\$30,800.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	308.0	
2412.502	12X6 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$12,950.00	\$25,900.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2.0	
2412.503	12X6 PRECAST CONCRETE BOX CULVERT	LIN FT	98	\$1,070.00	\$104,860.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	98.0	
2451.507	FINE AGGREGATE BEDDING (CV)	CU YD	368	\$15.00	\$5,520.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	368.0	
2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	220	\$2.15	\$473.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	220.0	
2511.607	RANDOM RIPRAP - SPECIAL	CU YD	85	\$105.00	\$8,925.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	85.0	
2563.601	TRAFFIC CONTROL	LUMP SUM	1	\$11,500.00	\$11,500.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$7,000.00	\$7,000.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2	\$3,900.00	\$7,800.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	2.0	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD CHIP	LIN FT	262	\$6.00	\$1,572.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	262.0	
2574.508	FERTILIZER TYPE 3	POUND	50	\$0.50	\$25.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	50.0	
2575.505	SEEDING	ACRE	0.3	\$500.00	\$150.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.3	
2575.505	DISK ANCHORING	ACRE	0.3	\$50.00	\$15.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.3	
2575.508	SEED MIXTURE, 25-141	POUND	15	\$5.00	\$75.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	15.0	
2575.509	MULCH MATERIAL TYPE 1	TON	0.5	\$200.00	\$100.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.5	
2575.604	ROLLED EROSION CONTROL PREVENTION CATEGORY 25	SQ YD	1392	\$1.75	\$2,436.00	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	1392.0	
2582.503	6" SOLID LINE MULTI COMP GR IN (WR)	LIN FT	454	\$3.20	\$1,452.80	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	454.0	
2582.503	4" BROKEN LINE MULTI COMP GR IN (WR)	LIN FT	227	\$0.30	\$68.10	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	227.0	

**Amendment # 1 for Flood Hazard Mitigation Grant Agreement #147353/3000140608  
Between the State of Minnesota and the Red Lake Watershed District  
for the Thief River Falls Westside Flood Damage Reduction Project**

Contract Start Date:	<u>September 12, 2018</u>	Total Contract Amount:	<u>\$ 1,500,000.00</u>
Original Contract Expiration Date:	<u>June 30, 2020</u>	Original Contract:	<u>\$ 1,500,000.00</u>
Current Contract Expiration Date:	<u>June 30, 2020</u>	Previous Amendment(s) Total:	<u>\$ 0.00</u>
Requested Contract Expiration Date:	<u>December 31, 2021</u>	This Amendment:	<u>\$ 0.00</u>

This amendment is by and between the State of Minnesota, through its Commissioner of Natural Resources ("State") and the Red Lake Watershed District, 1000 Pennington Avenue South, Thief River Falls, Minnesota, 56701 ("Grantee").

**Recitals**

- Minnesota Session Laws 2018, Chapter 214, Article 1, Section 7, Subdivision 3 appropriated funds for flood hazard mitigation in accordance with Minnesota Statutes 103F.161.
- The State has a grant contract with the Grantee identified as #147353/3000140608 dated September 12, 2018 ("Original Grant Contract") to provide cost share assistance for a flood risk reduction project known as the *Thief River Falls Westside Flood Damage Reduction Project*.
- The State and Grantee agree that additional time is necessary to complete the project.
- The State and the Grantee are willing to amend the Original Grant Contract as stated below.

**Grant Contract Amendment**

**REVISION 1.** Clause 1. "**Term of Grant Contract**" is amended as follows:

- Effective date:** September 12, 2018, or the date the State obtains all required signatures under Minnesota Statutes §16B.98, Subd. 5, whichever is later. Per Minn.Stat. §16B.98 Subd. 7, no payments will be made to the Grantee until this grant contract is fully executed. **The Grantee must not begin work under this grant contract until this contract is fully executed and the Grantee has been notified by the State's Authorized Representative to begin the work.**
- Expiration date:** ~~June 30, 2020,~~ December 31, 2021, or until all obligations have been satisfactorily fulfilled, whichever occurs first.
- Survival of Terms.** The following clauses survive the expiration or cancellation of this grant contract: 8. Liability; 9. State Audits; 10. Government Data Practices and Intellectual Property; 13. Publicity and Endorsement; 14. Governing Law, Jurisdiction, and Venue; and 16. Data Disclosure.

Except as amended herein, the terms and conditions of the Original Grant remain in full force and effect.

**1. STATE ENCUMBRANCE VERIFICATION**

*Individual certifies that funds have been encumbered as required by Minn. Stat. §§16A.15 and 16C.05.*

Signed: \_\_\_\_\_  
Date: May 7, 2020  
SWIFT Contract Number: 147353/3000140608

**3. STATE AGENCY**

*Individual certifies the applicable provisions of Minn. Stat. §16C.08, subdivisions 2 and 3 are reaffirmed.*

By: Colvin, Steven E  
80B26085F4B1480  
(with delegated authority)  
Title: Director, Ecological & Water Resources  
Date: May 7, 2020

**2. GRANTEE**

*The Grantee certifies that the appropriate person(s) have executed this document on behalf of the Grantee as required by applicable articles, bylaws, resolutions, or ordinances.*

By: Myron Jesme  
809852AB2F5A417  
Title: Administrator  
Date: May 7, 2020



April 22, 2020

Mr. Myron Jesme, Administrator  
Red Lake Watershed District  
1000 Pennington Avenue South  
Thief River Falls, MN 56701

<delivered via email>

**RE: Proposal – Pine Lake Subwatershed Project – Task Order #3 – Final Engineering**

Dear Mr. Jesme,

In response to your request for engineering services for the Pine Lake Subwatershed Project, HDR Engineering, Inc. (HDR) is pleased to provide the following proposal for Task Order #3 – Final Engineering. Future project tasks and services required to successfully complete the flood risk reduction project will be identified separately as they arise, under additional task orders.

We look forward to the opportunity to work with you on this project. If you have any questions regarding the attached scope of services, please contact me at (218) 681-6100.

Sincerely,

**HDR Engineering, Inc.**

Nathan Dalager, P.E.  
*Project Manager*

Christine Wiegert, P.E.  
*MN-WI Area Manager*

Encl: Proposal, Task Order #3  
HDR Engineering, Inc. Terms and Conditions for Professional Services  
Budget Spreadsheet



## Project Understanding and Scope of Services

HDR understands that the Red Lake Watershed District (RLWD) is interested in developing a Flood Risk Reduction project of significance, as the RLWD works towards resolving chronic flood problems in the region. This scope of work includes tasks and deliverables deemed necessary to complete the final engineering stage of the project. These tasks include the following:

1. Assistance with Project Funding Package, Project Team & Partner Coordination
2. Final Design Analyses of FDR Project Components
3. Permitting & Environmental Review
4. Detailed Plans & Specifications
5. Final Engineer's Report

## Proposed Action Description

The proposed Pine Lake Outlet Project consists of developing and designing a new outlet structure for Pine Lake, to include an operable structure that incorporates a fish passage feature. Some of the additional Project features may include downstream capacity enhancements, Project Team meetings, environmental review, and permitting. The Project has advanced past the preliminary engineering phase, and has reached a point where final engineering is required to reach the goal of constructing this important flood risk reduction project. The Project Team has selected the revised incremental alternative as the preferred alternative. The plans are necessary for continuing the next steps related to funding, permitting, and construction. The plans are meant to provide final design of each component which will lead to a successful conclusion of the Project.

## Proposed Project Team

The project team will consist of HDR staff that has experience in developing engineering and environmental documentation in addition to well established relationships with agency experts that will likely be involved in this process. The team may consist of the following staff:

Role	Staff
Client/Project Manager	Nate Dalager, PE
Water Resources Engineers	Glen Krogman Dillon Nelson, EIT Jacob Huwe, PE
Design Technician	Randy Knott
CAD	Anita Sanne
Environmental Lead	Kelly Garvey
Structural Engineer	Jesse Freeberg, PE
Geotechnical Engineers	Steve Olson, PE Kerrie Berg, PE
GIS	Jenn Walter
QA/QC	Matthew Redington, PE





## Scope of Services

### 1.0 Project Management & Coordination Meetings

This task consists of the overall management of the project, project communication, coordination of conferences/meetings, and coordination with funding partners.

- 1.1 **Project Management.** Monitor and control the Project budget, scope of work, and schedule; management of the Project goals and objectives; management and coordination of resources including staff scheduling and invoicing.
- 1.2 **Hearings and Meetings.** Schedule, review, prepare, participate, and help conduct meetings as well as public hearings. Significant collaboration will occur with Red Lake Watershed District (RLWD) staff and Board members. Other agency stakeholders likely to be involved include MnDNR.
- 1.3 **Coordinate with Funding Partners.** HDR will provide assistance in coordinating with funding partners such as the RRWMB and the MnDNR-FDR Grant Program.

#### *DELIVERABLES:*

- Monthly invoices and coordination with RLWD Administrator.
- Facilitate up to two Project partner meetings.
- Facilitate up to two funding partner meetings.
- Attendance at RLWD Board meetings, presentations, and updates to the Board.
- Attendance at up to two landowner meetings.
- Facilitate/Attend up to two public hearings.

#### *ASSUMPTIONS:*

- Duration of the task is ~10 months.
- A total of five RLWD Board meetings and 1-2 Project team meetings are anticipated.
- A public hearing will be attended by 1 or 2 HDR staff persons and information pertinent to the meeting will be provided to the RLWD.
- All meetings will be held in Northwest Minnesota and attended by 1 or 2 HDR staff persons.

### 2.0 Final Design Analyses of FDR Project Components

This task includes final design analyses of the preferred alternative. Final design will build upon the work completed in previous task orders relating to concept development, hydraulic modeling, and preliminary design. The following steps will be included:

- 2.1 **Alternatives Evaluation.** Evaluate two alternatives (on-channel and side channel) to determine the preferred alternative to finalize alignments and profiles for design and permitting tasks.
- 2.2 **Survey.** The preferred alternative will require additional field survey for final design and to finalize construction quantities. Survey will include two days in the field. Survey will include topography, bathymetry, and stream flow measurements using hand-held flow meters provided by DNR. Legal survey will be performed by others.
- 2.3 **Hydraulic/Hydrologic Design.** Perform final modeling of the preferred alternative for the 24-hour, 100-year and 10-year precipitation events. Events greater than the 100-year will not be evaluated. XP-SWMM, HEC-RAS, and HEC-HMS models developed during previous phases of work will be used in the development of the final models. Additional stream flow measurements

taken during Task 2.2 will be utilized to develop rating curves and headwater-tailwater relationships. No breach analysis or emergency spillway design is included with this task.

- 2.4 **Hydraulic Structure Design.** Perform final structure design, including sizing/selection of hydraulic structures required for the preferred alternative and determined by the final hydrologic and hydraulic models. Anticipated downstream structure replacement recommendations may include up to 6 field/road crossings and associated culverts. Final design of downstream structure replacements is not included in Task Order #3.
- 2.5 **Soil Borings.** HDR will determine where soil borings, if any, are required for the preferred alternative, coordinate the solicitation of bids, scheduling, and facilitating the completion of the borings by a third party. HDR will review the geotechnical report that will be delivered by a third party and implement the findings in the design.
- 2.6 **Pine Lake Outlet Design.** Perform outlet design for the preferred alternative. The design will include incorporating operational gates and stop log bays along with a rock slope fishway. Evaluation will also consider shear stress and stream bed materials for sizing of riprap gradations as part of the rock slope fishway.
- 2.7 **Fish Passage Design.** Perform final design for a rock slope fishway. MnDNR will provide design guidance that will inform HDR's design.
- 2.8 **Utilities Design.** Provide design if existing utilities are impacted by the Project. A one-call will be conducted for the entire Project footprint. A total of 6 hours are estimated for this task.
- 2.9 **Erosion Control Design.** Provide SWPPP and erosion control designs that meet MPCA requirements. Includes riprap design and other erosion control considerations for areas of potentially erosive flows.

**DELIVERABLES:**

- 100% design of the preferred alternative.
- Additional field survey for final design of preferred alternative.

**ASSUMPTIONS:**

- Changes to the preferred alternative design due to permitting, environmental review, and right-of-way acquisition will be considered as additional services to this budget and scope of work.
- Soil borings and lab testing will be performed by a third party hired by RLWD. HDR will provide assistance and coordination.
- Design guidance for fishway to be provided by MnDNR.
- Design will be documented as part of the Engineers Report (Task 5)
- Final design of downstream structure replacements is not included in Task Order #3.



### 3.0 Permitting & Environmental Review

This task involves support activities which are necessary for coordination with permitting agencies.

- 3.1 **Wetland Delineation.** HDR will perform the wetland delineation as needed for the preferred alternative. HDR will provide support information such as the Project footprint and temporary working limits as it relates to potential wetland impacts.
- 3.2 **Preparation of Technical Data and Coordination.** HDR will provide technical data and assistance in the completion of permit applications pertaining to environmental review and permitting as requested by RLWD. Anticipated permit applications are a MnDNR Public Waters Permit, USACE 404 Wetlands Permit, Clearwater County SWCD WCA Permit, and MPCA Stormwater Permit.
- 3.3 **Environmental Assessment Worksheet (EAW).** HDR will provide technical data and assistance in the completion of environmental review documents. Up to 16 hours have been estimated for this task.

#### *DELIVERABLES:*

- Wetland delineation report.
- Provide completed permit applications to RLWD.
- EAW document by others, or under separate task order.

### 4.0 Detailed Plans & Specifications

This task involves the drafting of complete plans and specifications for construction of the Project. The plans will include components of the preferred Alternative in detail. HDR will utilize the previous work completed for preliminary engineering designs and estimated quantities in AutoCAD Civil3D 2018.

- 4.1 **Site Plan.** A site plan will be produced within the limits of proposed construction. They will include existing and proposed main features, construction limits, alignment stationing, structures, benchmarks and GPS control points, section lines and numbers, utilities, and aerial imagery.
- 4.2 **Quantities & Construction Notes.** Estimated quantities will be tabulated for the preferred alternative and will be documented in the Engineer's Opinion of Probable Cost.
- 4.3 **SWPPP.** Required SWPPP will be included for the proposed Project.
- 4.4 **Typical Sections & Details.** Up to 10 typical sections will be provided including one for each alignment and unique design aspect.
- 4.5 **Structure Details.** Details from final designs are to be shown for proposed structures in the Project. Up to 10 individual typical details will be provided.
- 4.6 **Plan & Profile Sheets.** Profiles will be provided for each Project alignment and will include existing and proposed grades, structures, notes, and utility information.
- 4.7 **Cross-Section Sheets.** Cross-sections will be provided for each Project alignment at 100 foot intervals.
- 4.8 **Specifications & Contract Documents.** Current MnDOT construction specifications and standards will be referenced and amended for the purposes of the Project. Based on the



preferred alternative, items for construction will be noted and defined for pay quantities. Labor information, Equal Employment Opportunity provisions, and wage statements will also be included.

**DELIVERABLES:**

- One electronic (PDF) and two bound versions of the plans and specifications.

**ASSUMPTIONS:**

- One round of drafts will be reviewed by RLWD, MnDNR, or others.
- The plan set will have up to 20 sheets.
- The specifications will have up to 25 special provisions.
- The number of labor hours included in the budget and scope represent one set of plans and specifications based upon the preferred alternative with one round of edits as needed.
- Any additional rounds of edits resulting from the evolution of the Project and the resulting work to produce updated plans will be covered under a separate scope of services as needed.

## 5.0 Final Engineer's Report

This task involves documentation of the final design of the Project, including impact considerations and project implementation.

5.1 **Engineer's Report.** A comprehensive engineering report will be prepared for RLWD with one round of review for comment prior to publication. The report will be compliant with MN Statutes 103D.711 for engineer's reports for watershed projects, and HDR will deliver an Engineer's Report with information and results from Task 2 through Task 4 to include an operating plan and Project recommendations.

5.2 **Engineer's Opinion of Probable Cost.** Provide an updated engineer's opinion of probable costs for the preferred alternative.

**DELIVERABLES:**

- One electronic (PDF) and two bound versions of the Engineer's Report.

**ASSUMPTIONS:**

- Changes to preferred alternative design due to permitting, environmental review, mitigation, land exchange, and NRE designs will be considered as additional services to this budget and scope.
- Hours based upon 1 round of reviews prior to final.

## Cost Estimate

The design fee estimate for the completion of Tasks 1 through 5 is \$181,420, as outlined in the attached breakdown of tasks, hours, and expenses. This work will be performed on a time and materials not-to-exceed basis. HDR will invoice monthly based on work progress. Our estimated design costs are based upon our local experience and understanding of the scope of work and assumptions listed. Should the scope of work be modified, it may be necessary to review scope changes and our cost estimate.

## Future Task Orders – Engineering

The following tasks are anticipated for future phases of this project. *These tasks are not included in the price proposal provided herein*, and would be provided separately at such time as RLWD elects to initiate them.

- Environmental Assessment Worksheet
- Downstream Structure Replacements
- Construction Administration
- As-Built Plans

**Please indicate your acceptance of this proposal by signing the Notice to Proceed (below) and returning one copy of the signed proposal to HDR. If you have any questions, please contact me at 218.681.6100.**

Regards,  
**HDR Engineering, Inc.**

Nathan Dalager, PE, CFM  
Project Manager/Engineer

Christine Wiegert, PE  
Vice President/MN-WI Area Manager

Encl: HDR Engineering, Inc. Terms and Conditions for Professional Services

### **NOTICE TO PROCEED**

Owner: **Red Lake Watershed District**

Consultant: **HDR Engineering, Inc.**

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

By:

Name: \_\_\_\_\_

Name: Christine Wiegert, PE

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

Title: Vice President/MN-WI Area Manager







# HDR Engineering, Inc. Terms and Conditions for Professional Services

## 1. STANDARD OF PERFORMANCE

Notwithstanding any other provision of any contract term between the ENGINEER and the CLIENT, the standard of care for all professional engineering, consulting and related services performed or furnished by ENGINEER and its employees under this Agreement will be the care and skill ordinarily used by members of ENGINEER's profession practicing under the same or similar circumstances at the same time and in the same locality. ENGINEER makes no warranties, express or implied, under this Agreement or otherwise, in connection with ENGINEER's services.

ENGINEER and CLIENT agree that no other party is an intended or unintended third-party beneficiary of this contract, and that ENGINEER's duties run solely to CLIENT.

## 2. INSURANCE/INDEMNITY

ENGINEER agrees to procure and maintain, at its expense, Workers' Compensation insurance as required by statute; Employer's Liability of \$250,000; Automobile Liability insurance of \$1,000,000 combined single limit for bodily injury and property damage covering all vehicles, including hired vehicles, owned and non-owned vehicles; Commercial General Liability insurance of \$1,000,000 combined single limit for personal injury and property damage; and Professional Liability insurance of \$1,000,000 per claim for protection against claims arising out of the performance of services under this Agreement caused by negligent acts, errors, or omissions for which ENGINEER is legally liable. Upon request, OWNER shall be made an additional insured on Commercial General and Automobile Liability insurance policies and certificates of insurance will be furnished to the OWNER. ENGINEER agrees to indemnify OWNER for claims to the extent caused by ENGINEER's negligent acts, errors or omissions.

## 3. OPINIONS OF PROBABLE COST (COST ESTIMATES)

Any opinions of probable project cost or probable construction cost provided by ENGINEER are made on the basis of information available to ENGINEER and on the basis of ENGINEER's experience and qualifications, and represents its judgment as an experienced and qualified professional engineer. However, since ENGINEER has no control over the cost of labor, materials, equipment or services furnished by others, or over the contractor(s)'s methods of determining prices, or over competitive bidding or market conditions, ENGINEER does not guarantee that proposals, bids or actual project or construction cost will not vary from opinions of probable cost ENGINEER prepares.

## 4. CONSTRUCTION PROCEDURES

ENGINEER's observation or monitoring portions of the work performed under construction contracts shall not relieve the contractor from its responsibility for performing work in accordance with applicable contract documents. ENGINEER shall not control or have charge of, and shall not be responsible for, construction means, methods, techniques, sequences, procedures of construction, health or safety programs or precautions connected with the work and shall not manage, supervise, control or have charge of construction. ENGINEER shall not be responsible for the acts or omissions of the contractor or other parties on the project. ENGINEER shall be entitled to review all construction contract documents and to require that no provisions extend the duties or liabilities of ENGINEER beyond those set forth in this Agreement. OWNER agrees to include ENGINEER as an indemnified party in OWNER's construction contracts for the work, which shall protect ENGINEER to the same degree as OWNER. Further, OWNER agrees that ENGINEER shall be listed as an additional insured under the construction contractor's liability insurance policies.

## 5. CONTROLLING LAW

This Agreement is to be governed by the law of the state where ENGINEER's services are performed.

## 6. CLIENT-PROVIDED SERVICES AND INFORMATION

CLIENT will provide all criteria and information pertaining to the project in CLIENT's possession, and any requirements or budgetary limitations. The CLIENT agrees to bear full responsibility for the technical accuracy and content of CLIENT-furnished documents, information and services.

In performing services hereunder, it is understood by CLIENT that ENGINEER is not engaged in rendering any type of legal, insurance or accounting services, opinions or advice. Further, it is the CLIENT's sole responsibility to obtain the advice of an attorney, insurance counselor or accountant to protect the CLIENT's legal and financial interests.

## 7. SUCCESSORS AND ASSIGNS

OWNER and ENGINEER, respectively, bind themselves, their partners, successors, assigns, and legal representatives to the covenants of this Agreement. Neither OWNER nor ENGINEER will assign, sublet, or transfer any interest in this Agreement or claims arising therefrom without the written consent of the other.

## 8. RE-USE OF DOCUMENTS

All documents, including all reports, drawings, specifications, computer software or other items prepared or furnished by ENGINEER pursuant to this Agreement, are instruments of service with respect to the project. ENGINEER and CLIENT retain joint ownership of all such documents. OWNER may retain copies of the documents for its information and reference in connection with the project; however, none of the documents are intended or represented to be suitable for reuse by OWNER or others on extensions of the project or on any other project. Any reuse without written verification or adaptation by ENGINEER for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to ENGINEER, and OWNER will defend, indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses, including attorney's fees, arising or resulting therefrom.

## 9. TERMINATION OF AGREEMENT

OWNER or ENGINEER may terminate the Agreement, in whole or in part, by giving seven (7) days written notice, if the other party substantially fails to fulfill its obligations under the Agreement through no fault of the terminating party. Where the method of payment is "lump sum," or cost reimbursement, the final invoice will include all services and expenses associated with the project up to the effective date of termination. An equitable adjustment shall also be made to provide for termination settlement costs ENGINEER incurs as a result of commitments that had become firm before termination, and for a reasonable profit for services performed.

## 10. SEVERABILITY

If any provision of this agreement is held invalid or unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provision, term or condition shall not be construed by the other party as a waiver of any subsequent breach of the same provision, term or condition.

## 11. INVOICES

ENGINEER will submit monthly invoices for services rendered and OWNER will make prompt payments in response to ENGINEER's invoices.

ENGINEER will retain receipts for reimbursable expenses in general accordance with Internal Revenue Service rules pertaining to the support of expenditures for income tax purposes. Receipts will be available for inspection by OWNER's auditors upon request.

If OWNER disputes any items in ENGINEER's invoice for any reason, including the lack of supporting documentation, OWNER may temporarily delete the disputed item and pay the remaining amount of the invoice. OWNER will promptly notify ENGINEER of the dispute and request clarification and/or correction. After any dispute has been settled, ENGINEER will include the disputed item on a subsequent, regularly scheduled invoice, or on a special invoice for the disputed item only.



OWNER recognizes that late payment of invoices results in extra expenses for ENGINEER. ENGINEER retains the right to assess OWNER interest at the rate of one percent (1%) per month, but not to exceed the maximum rate allowed by law, on invoices which are not paid within thirty (30) days from the date of the invoice. In the event undisputed portions of ENGINEER's invoices are not paid when due, ENGINEER also reserves the right, after seven (7) days prior written notice, to suspend the performance of its services under this Agreement until all past due amounts have been paid in full.

## 12. CHANGES

The parties agree that no change or modification to this Agreement, or any attachments hereto, shall have any force or effect unless the change is reduced to writing, dated, and made part of this Agreement. The execution of the change shall be authorized and signed in the same manner as this Agreement. Adjustments in the period of services and in compensation shall be in accordance with applicable paragraphs and sections of this Agreement. Any proposed fees by ENGINEER are estimates to perform the services required to complete the project as ENGINEER understands it to be defined. For those projects involving conceptual or process development services, activities often are not fully definable in the initial planning. In any event, as the project progresses, the facts developed may dictate a change in the services to be performed, which may alter the scope. ENGINEER will inform OWNER of such situations so that changes in scope and adjustments to the time of performance and compensation can be made as required. If such change, additional services, or suspension of services results in an increase or decrease in the cost of or time required for performance of the services, an equitable adjustment shall be made, and the Agreement modified accordingly.

## 13. CONTROLLING AGREEMENT

These Terms and Conditions shall take precedence over any inconsistent or contradictory provisions contained in any proposal, purchase order, requisition, notice-to-proceed, or like document. In resolving inconsistent or contradictory provisions between this Agreement and any other document or understanding, the terms of these Terms and Conditions shall control.

## 14. EQUAL EMPLOYMENT AND NONDISCRIMINATION

In connection with the services under this Agreement, ENGINEER agrees to comply with the applicable provisions of federal and state Equal Employment Opportunity for individuals based on color, religion, sex, or national origin, or disabled veteran, recently separated veteran, other protected veteran and armed forces service medal veteran status, disabilities under provisions of executive order 11246, and other employment, statutes and regulations, as stated in Title 41 Part 60 of the Code of Federal Regulations § 60-1.4 (a-f), § 60-300.5 (a-e), § 60-741 (a-e).

## 15. CERTIFICATIONS

The use of the word "certify" or "certification" by a registered professional engineer in the practice of professional engineering or land surveying constitutes an expression of professional opinion regarding those facts or findings which are the subject of the certification, and does not constitute a warranty or guarantee, either expressed or implied. Certification of analyses is a statement that the analyses have been performed correctly and in accordance with sound engineering practices. Certification of structural works is a statement that the works are designed in accordance with sound engineering practices and client approved design loads. Certification of "as built" conditions is a statement that the structure(s) has been built according to specifically identified drawings, specifications and contract documents to the extent the structure(s) is readily observable, is in place, and is fully functioning. The definition and legal effect of any and all certifications shall be limited as stated herein.

## 16. EXECUTION

This Agreement, including the exhibits and schedules made part hereof, constitute the entire Agreement between ENGINEER and OWNER, supersedes and controls over all prior written or oral understandings. This Agreement may be amended, supplemented or modified only by a written instrument duly executed by the parties.

## 17. LIMITATION OF LIABILITY

In the event that any damage, loss, or claim is asserted by a third party, and said damage, loss, or claim arises out of or is in connection with the performance of ENGINEER'S services, including ENGINEER and its employees professional negligent acts, errors, or omissions, each party (ENGINEER and CLIENT) shall release, indemnify, and hold the other harmless, together with their agents, employees and assigns, PROVIDED THAT, said damage, loss, or claim is within the parties' combined limits of applicable insurance. In the event that any damage, loss or claim exceeds the parties' combined available limits of applicable insurance, then each party shall bear their own liability in direct proportion to their own individual fault.

## 18. LITIGATION SUPPORT

In the event ENGINEER is required to respond to a subpoena, government inquiry or other legal process related to the services in connection with a legal or dispute resolution proceeding to which ENGINEER is not a party, CLIENT shall reimburse ENGINEER for reasonable costs in responding and compensate ENGINEER at its then standard rates for engineering services when gathering information and documents and shall pay ENGINEER its standard rates for providing expert witness services when attending depositions, hearings, and trial.

If ENGINEER and CLIENT are made a party to any litigation concerning CLIENT's flood control structures, CLIENT and ENGINEER shall each bear their own costs and expenses for defense pending a final determination of each party's liability. Upon a finding by a court of competent jurisdiction of any negligence, all of the parties' reasonable total costs for defense of the matter shall be combined, and the total reasonable defense costs of both parties shall be pro-rated between the parties based on their respective shares of fault.

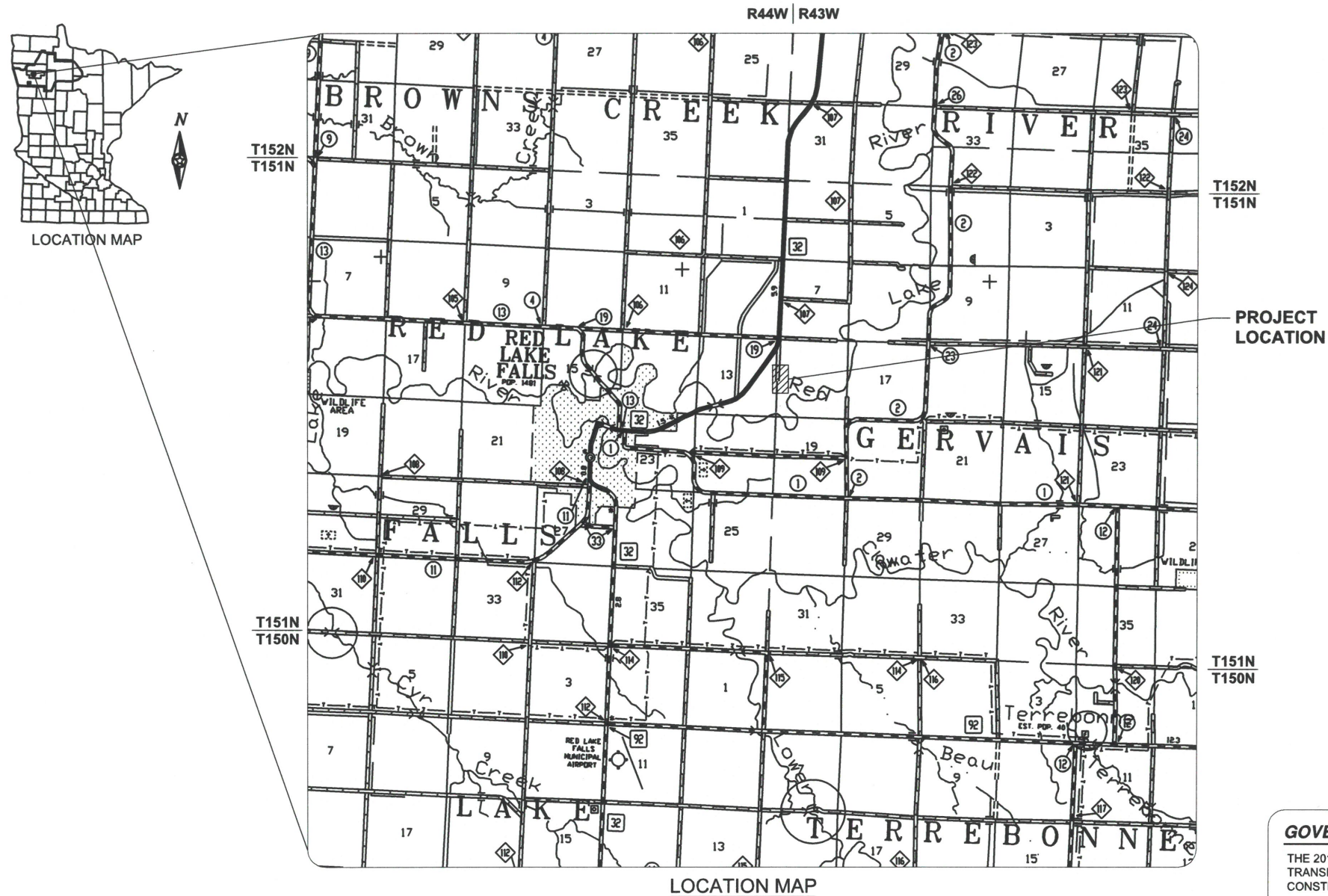
## 19. MAINTENANCE OF STRUCTURES AND SYSTEMS

CLIENT agrees that structures and systems studied, reviewed, analyzed or designed by the ENGINEER's are dependent upon CLIENT's continued operation and maintenance of the project structures and systems in accordance with all, permits, laws and regulations that permit the construction and operations of the structure(s) and systems including any Engineer prepared operations and maintenance plans. Should CLIENT fail to maintain the structures to be in full compliance permits, approvals, and operations and maintenance plans, ENGINEER shall have no liability to CLIENT, and CLIENT shall indemnify, release and hold ENGINEER and its employees harmless from any liability resulting from any direct or consequential damage resulting from such non-compliance, including but not limited to claims made by third-parties against ENGINEER.

## 20. VISUAL INSPECTIONS

For visual inspections, CLIENT hereby releases, holds harmless, indemnifies and agrees to defend ENGINEER against any claims, damages, losses, liabilities, expenses or costs arising out of any failure to detect hidden, covered, inaccessible, or internal structural or material defects, corrosion, or damages in components, embedment, reinforcing, anchorages and parts of equipment, structures, or mechanisms being inspected, that are not readily discernible by external visual inspection through reasonable efforts.

# CONSTRUCTION PLANS FOR RED LAKE WATERSHED DISTRICT DITCH 10 OUTLET REPAIR SECTION 18, GERVAIS TWP, RED LAKE COUNTY MAY, 2020



**SHEET INDEX**

- 1) COVER SHEET
- 2) ESTIMATED QUANTITIES AND CONSTRUCTION NOTES
- 3) QUANTITY TABULATIONS
- 5-8) CONSTRUCTION DETAILS
- 9) PLAN & PROFILE
- 10-20) CROSS SECTIONS
- 21-22) EROSION CONTROL DETAILS & SWPPP
- 23-27) STANDARD PLANS

**THIS PLAN CONTAINS 27 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.

UTILITY COMPANIES PRESENT:

CENTURY LINK	(855) 742-6062
GARDEN VALLEY TELEPHONE	(218) 687-5251
RED LAKE ELECTRIC	(218) 253-2168

**GOVERNING SPECIFICATIONS:**

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

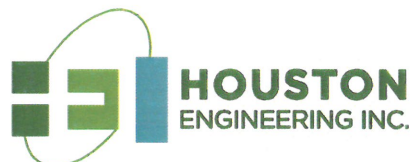
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision, and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

*Tony A. Nordby*

Tony A. Nordby  
License No. 51392

Date: 5/12/20

PREPARED BY:



THIEF RIVER FALLS, MINNESOTA

**ESTIMATED QUANTITIES**

NOTE	TAB	SPEC. NO.	ITEM	UNIT	QUANTITY
		2021.501	MOBILIZATION	LUMP SUM	1
(1)	A	2101.501	CLEARING AND GRUBBING	ACRE	0.39
(2)		2104.502	REMOVE HEADWALL	EACH	1
(3)		2104.607	SALVAGE RIPRAP SPECIAL	CY	436
(4)	B & C	2105.507	COMMON EXCAVATION (P)	CY	11,193
		2105.601	DEWATERING	LUMP SUM	1
(5)		2123.510	DOZER	HOURLY	5
	D	2451.507	GRANULAR BEDDING (CV) (P)	CY	309
(6)		2461.507	CONCRETE MIX NO. 3A GROUT	CY	66
		2501.502	60" RC PIPE APRON	EACH	1
(7)		2501.503	60" RC PIPE CULVERT DESIGN 3006 CLASS III	LIN. FT.	208
(8)		2502.502	12" CONCRETE HEADWALL	EACH	1
	E	2502.503	4" PERF. PE PIPE DRAIN	LIN. FT.	788
(9)	F	2511.507	RANDOM RIPRAP CLASS II	CY	110
(9)	F	2511.507	RANDOM RIPRAP CLASS III	CY	261
(10)		2573.501	STABILIZED CONSTRUCTION EXIT	EACH	1
	G	2573.502	CULVERT END CONTROLS	EACH	1
	G	2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER (12 INCH)	LIN. FT.	508
	G	2573.503	SILT FENCE, TYPE MS	LIN. FT.	770
	H	2574.508	FERTILIZER TYPE 1	LB	710
	H	2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ. YD.	3,310
	H	2575.505	SEEDING	ACRE	2.84
	H	2575.508	SEED MIXTURE 21-112	LB	71
	H	2575.508	SEED MIXTURE 25-121	LB	174
	H	2575.509	MULCH MATERIAL TYPE 1	TON	4.5

(P) INDICATES A PLAN QUANTITY ITEM.  
(CV) INDICATES COMPACTED VOLUME

**STANDARD PLATES**

THE FOLLOWING MN/DOT STANDARD PLATES, AS APPROVED BY THE FHWA, SHALL APPLY.

3000L	REINFORCED CONCRETE PIPE
3006G	GASKET JOINT FOR R.C. PIPE
3100G	CONCRETE APRON FOR REINFORCED CONCRETE PIPE
3145G	CONCRETE PIPE OR PRECAST BOX CULVERT TIES

**BASIS OF ESTIMATED QUANTITIES**

SHRINKAGE FOR EARTHWORK MATERIALS (DITCH SPOIL)	125% (+ OR - 1%)
GRANULAR BEDDING (CV)	1.875 TON/CY
SEED, MIXTURE 25-121	61 LB/ACRE
SEED, MIXTURE 21-112	25 LB/ACRE
MULCH MATERIAL, TYPE 1	2 TON/ACRE
FERTILIZER, TYPE 1 (20-20-10)	250 LB/ACRE

CONSTRUCTION NOTES:

- (1) MATERIAL GENERATED FROM CLEAR AND GRUB OPERATIONS MAY BE BROKEN DOWN, BURNED AND BURIED ON SITE WITHIN THE PROJECT RIGHT OF WAY AS DIRECTED BY THE ENGINEER. SEE SPECIAL PROVISIONS FOR MORE DETAILS.
- (2) BID ITEM FOR "REMOVE HEADWALL" SHALL INCLUDE ALL COSTS ASSOCIATED WITH REMOVAL AND DISPOSAL OFF SITE OF THE CONCRETE HEADWALL AT THE TOP OF THE EXISTING RIPRAP CHUTE. ESTIMATED DIMENSIONS OF THE HEADWALL ARE 4' x 29' x 6' DEEP. IT IS NOT KNOWN IF REINFORCEMENT BARS ARE PRESENT IN THE HEADWALL.
- (3) BID ITEM FOR "SALVAGE RIPRAP SPECIAL" SHALL BE FOR BREAKING UP THE EXISTING GROUTED RIPRAP CHUTE, STOCKPILING THE MATERIAL ON SITE, BLENDING THE SALVAGED RIPRAP WITH NEW AND RECONSTRUCTING THE NEW GROUTED RIPRAP OVERFLOW SPILLWAY AND OUTLET AS DETAILED IN THE PLANS. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON CONSTRUCTION REQUIREMENTS.
- (4) THE BID ITEM FOR "COMMON EXCAVATION" INCLUDES THE ESTIMATED QUANTITY OF EXCAVATION FOR RECONSTRUCTING THE DITCH FROM STA. 20+50 TO THE PIPE INLET AT STA. 11+71, THE INLET AREA TO THE OVERFLOW SPILLWAY AND 6" OF TOPSOIL STRIPPING FROM THE CONSTRUCTION LIMITS AND 12" OF TOPSOIL STRIPPING FROM THE DESIGNATED SPOIL AREA.  
  
ALL EXCESS EXCAVATED MATERIAL TO BE SPOILED IN THE DESIGNATED AREA AS DIRECTED BY THE ENGINEER TO AN AVERAGE MAXIMUM DEPTH OF 1.5'.  
  
ANY REQUIRED EXCAVATION AND FILLS FOR CONSTRUCTION OF THE PIPE OUTLET, RIPRAP SPILLWAY AND ROCK DROP STRUCTURES SHALL BE CONSIDERED INCIDENTAL TO THE PIPE AND RIPRAP BID ITEMS WITH NO DIRECT COMPENSATION MADE.  
  
SEE THE QUANTITY TABULATIONS ON SHEET 3 AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (5) EQUIPMENT RENTAL HOURS ARE TO BE USED FOR MINOR SHAPING AS DIRECTED BY THE ENGINEER TO ENSURE PROPER DRAINAGE OF THE DESIGNATED SPOIL AREA FOLLOWING DEPOSITION OF COMMON EXCAVATION MATERIAL.
- (6) CONCRETE MIX 3A GROUT TO BE FOR REGROUTING THE RIPRAP OVERFLOW SPILLWAY. THE QUANTITY LISTED IS BASED ON AN ESTIMATED 6" DEPTH OVER THE AREA OF THE SPILLWAY. THE RIPRAP BASIN AT THE OUTLET OF THE PIPE AND SPILLWAY WILL NOT BE GROUTED.
- (7) THE CONTRACTOR SHALL DETERMINE THE REQUIRED TRENCH WIDTH, SLOPES AND CONSTRUCTION METHODS TO MEET ALL APPLICABLE CURRENT OSHA STANDARDS FOR DEPTH OF CUT AND SOIL TYPES FOR INSTALLATION OF THE 60" RC PIPE CULVERT INCLUDING ANY DEWATERING THAT MAY BE REQUIRED. SEE THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (8) THE 12" CONCRETE HEAD WALL DETAILED IN THE PLANS MAY BE CAST IN PLACE BY THE CONTRACTOR OR PRECAST BY THE PIPE SUPPLIER.
- (9) CLASS III RANDOM RIPRAP SHALL BE FOR CONSTRUCTION OF NEW ROCK DROP STRUCTURES AND INLET PROTECTION FOR THE 60" RC PIPE. CLASS II RIPRAP SHALL BE FOR BLENDING WITH SALVAGED RIPRAP FOR CONSTRUCTION OF THE OVERFLOW SPILLWAY. SEE THE DETAILS IN THE PLANS AND SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (10) STABILIZED CONSTRUCTION EXIT TO BE INSTALLED AT THE ENGINEER'S DISCRETION ONLY IF EXISTING CONDITIONS WARRANT AT THE TIME OF CONSTRUCTION.

DITCH 10 OUTLET REPAIR  
RED LAKE WATERSHED DISTRICT  
THIEF RIVER FALLS, MINNESOTA

**ESTIMATED QUANTITIES AND CONSTRUCTION NOTES**



P: 218.681.2951  
F: 218.681.2987

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.

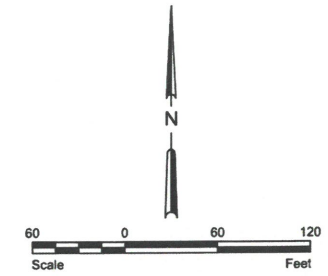
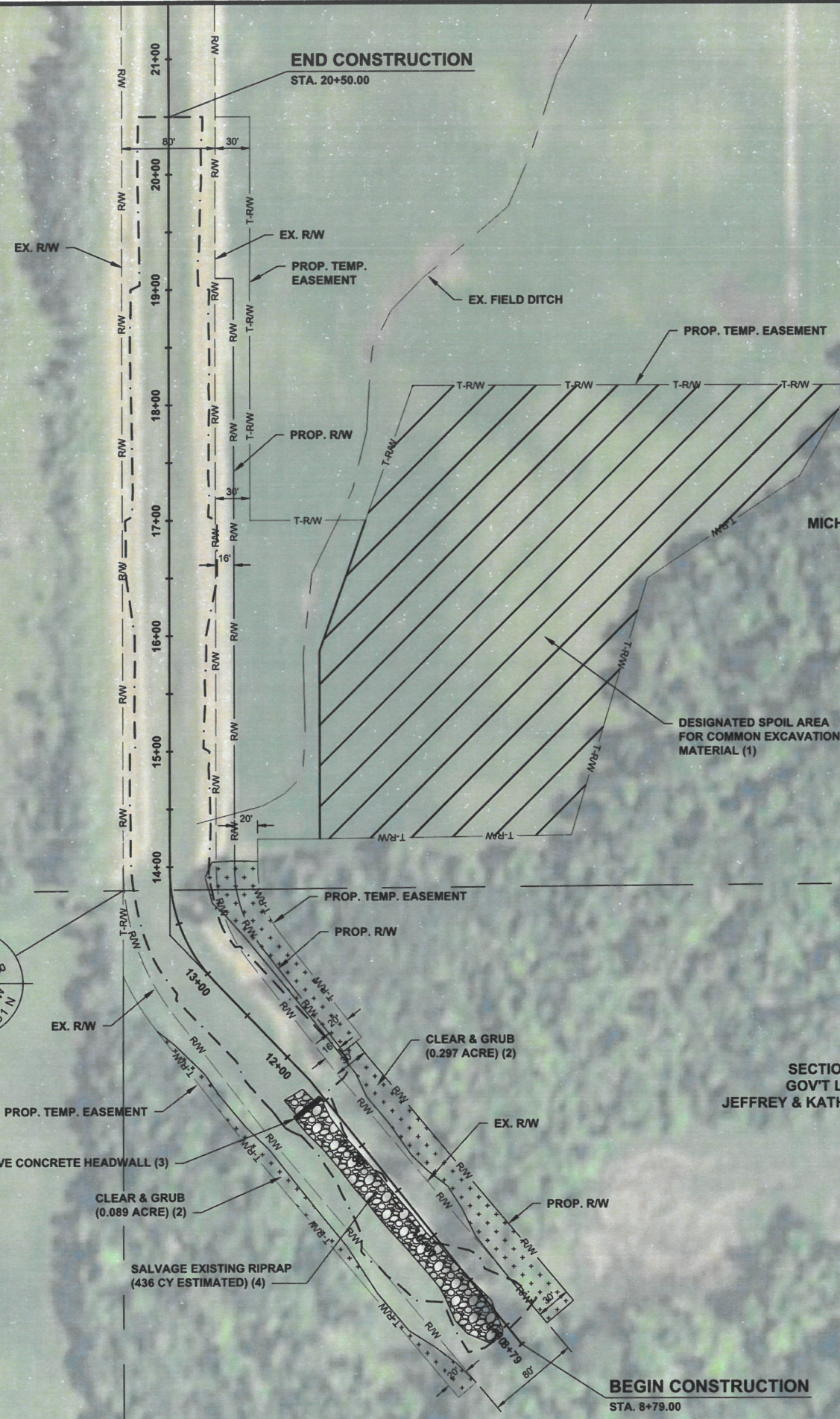
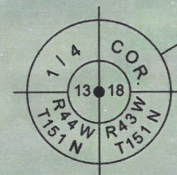
*Tony A. Nordby*

Tony A. Nordby  
License No. 51392

Date: 5/12/20

DRAFTED BY  
BGJ  
REVIEWED BY  
TAN  
DATE  
5/12/20  
PROJECT NUMBER  
3655-096

H:\JBM\3600\3655\096 RLWD Ditch 10 Outlet\CAD\Plans\REMOVALS.dwg-LAYOUT1-5/13/2020 9:17 AM-(bgjohnson)



**NOTES THIS SHEET**

- (1) DESIGNATED SPOIL AREA TO HAVE 12" OF TOPSOIL STRIPPED AND STOCKPILED AT THE PERIMETER OF THE AREA. MATERIAL SPOILED TO BE PLACED AT A MAXIMUM AVERAGE DEPTH OF 1.5 FEET. SEE THE NOTES ON SHEET 2, TABULATIONS ON SHEET 3 AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (2) MATERIAL GENERATED FROM CLEAR & GRUB MAY BE BURNED AND THEN BURIED ON SITE AS DIRECTED BY THE ENGINEER.
- (3) SEE THE NOTES ON SHEET 2 OF THE PLANS AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (4) SEE THE NOTES ON SHEET 2, THE DETAILS ON SHEET 8 AND THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
- (5) ESTIMATED ACREAGE FOR ADDITIONAL PROPOSED RIGHT OF WAY ARE:  
 GOVT LOT 2  
 PERMANENT R/W = 0.194 AC.  
 TEMP. EASEMENT = 3.281 AC.  
  
 GOVT LOT 7  
 PERMANENT R/W = 0.267 AC.  
 TEMP. EASEMENT = 0.376 AC.

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*  
 Tony A. Nordby  
 License No. 51392

Date: 5/12/20

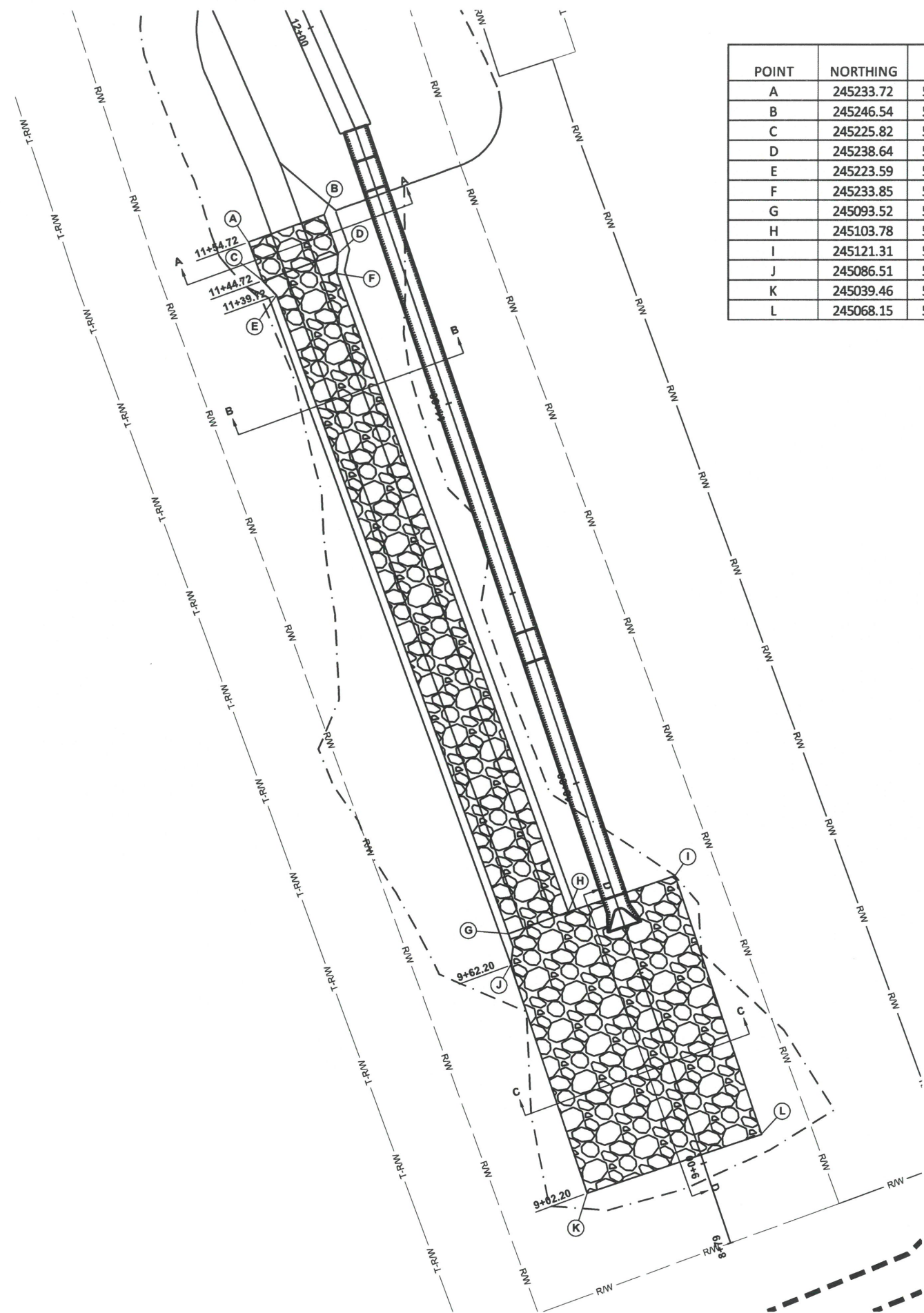
No.	Revision	Date	By

**DITCH 10 OUTLET REPAIR**  
 RED LAKE WATERSHED DISTRICT  
 THIEF RIVER FALLS, MINNESOTA

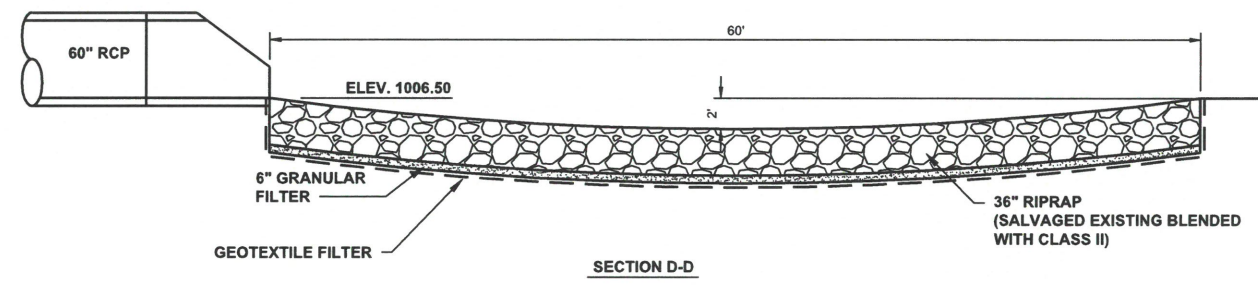
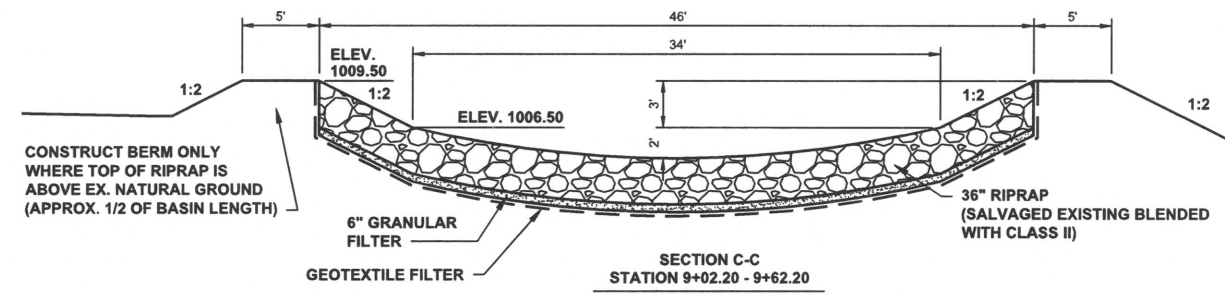
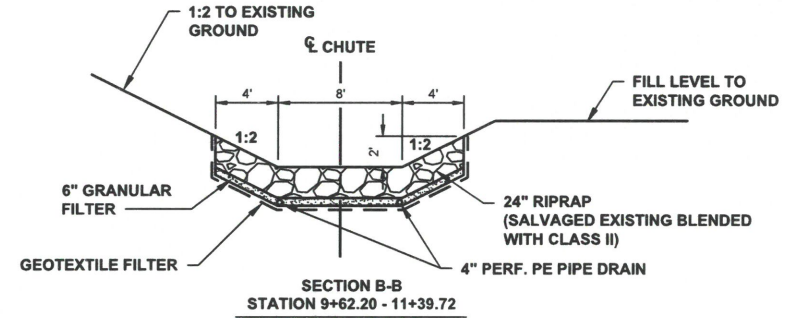
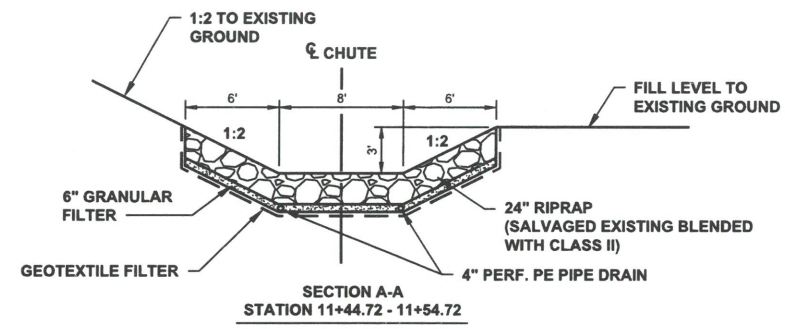
**SITE PLAN & REMOVALS**

DRAFTED BY	BGJ
REVIEWED BY	TAN
DATE	5/12/20
PROJECT NUMBER	3655-096

H:\BN\3600\3655\0096 RLWD Ditch 10 Outlet\CAD\Eng\project base\_final.dwg-NEW CHUTE DETAIL-5/13/2020 8:29 AM-(bjohnson)



POINT	NORTHING	EASTING
A	245233.72	535182.59
B	245246.54	535197.94
C	245225.82	535189.19
D	245238.64	535204.54
E	245223.59	535193.65
F	245233.85	535205.93
G	245093.52	535302.28
H	245103.78	535314.56
I	245121.31	535336.54
J	245086.51	535305.54
K	245039.46	535342.99
L	245068.15	535378.95



No.	Revision	Date	By

DITCH 10 OUTLET REPAIR  
 RED LAKE WATERSHED DISTRICT  
 THIEF RIVER FALLS, MINNESOTA

**CONSTRUCTION DETAILS - OVERFLOW SPILLWAY**

**HOUSTON ENGINEERING INC.**  
 Fargo

P: 701.237.5065  
 F: 701.237.5101

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*  
 Tony A. Nordby  
 License No. 51392

Date: 5/12/20

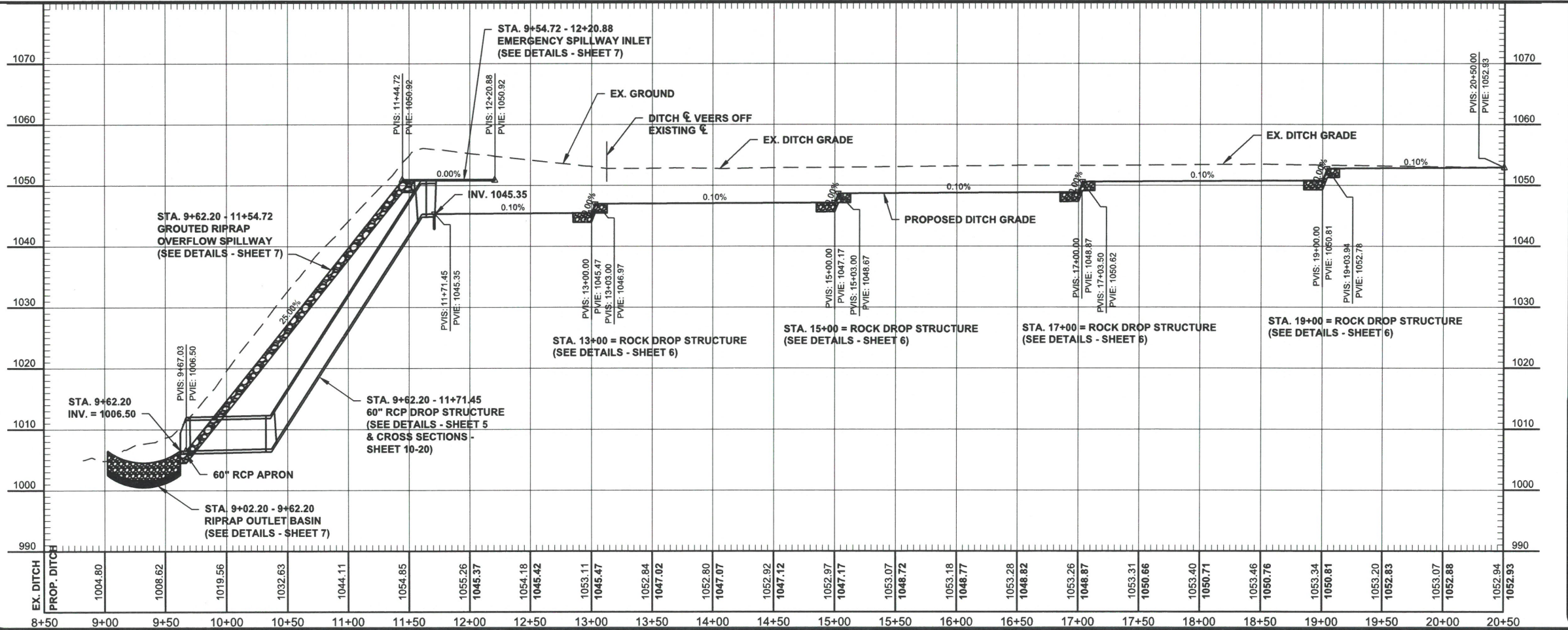
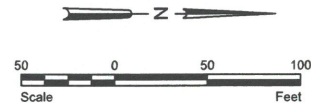
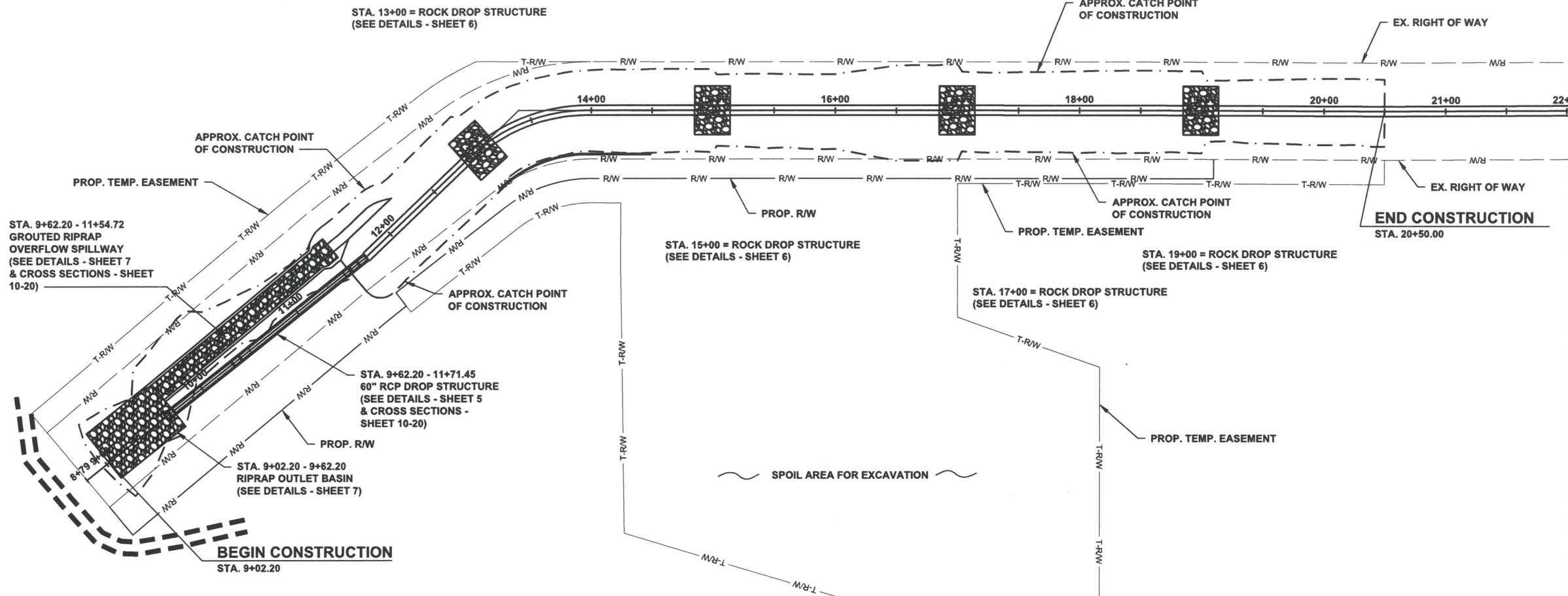
DRAFTED BY  
 BGJ

REVIEWED BY  
 TAN

DATE  
 5/12/20

PROJECT NUMBER  
 3655-096

H:\BHV\3600\3655\3655\_0096 RLWD Ditch 10 Outlet\CAD\Eng\project base\_final.dwg-P&P-15/13/2020 8:30 AM-fgjohnson



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*  
 Tony A. Nordby  
 License No. 51392

Date: 5/12/20

By		Date	
Revision		No.	
<b>DITCH 10 OUTLET REPAIR</b> RED LAKE WATERSHED DISTRICT THIEF RIVER FALLS, MINNESOTA			
<b>PLAN &amp; PROFILE</b>			
 HOUSTON ENGINEERING INC. Fargo			
P: 701.237.5065 F: 701.237.5101			
DRAFTED BY		BGJ	
REVIEWED BY		TAN	
DATE		5/12/20	
PROJECT NUMBER		3655-096	
9			

**RLWD DITCH 10 OUTLET REPAIR PROJECT  
ENGINEER'S OPINION OF PROBABLE COST**

**5/12/20**

SPEC. NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL COST
2021.501	MOBILIZATION	LUMP SUM	1	\$15,000.00	\$15,000.00
2101.501	CLEARING AND GRUBBING	ACRE	0.39	\$1,800.00	\$702.00
2104.502	REMOVE HEADWALL	EACH	1	\$1,500.00	\$1,500.00
2104.607	SALVAGE RIPRAP SPECIAL	CY	436	\$82.00	\$35,752.00
2105.507	COMMON EXCAVATION (P)	CY	11,193	\$3.75	\$41,973.75
2105.601	DEWATERING	LUMP SUM	1	\$5,000.00	\$5,000.00
2123.510	DOZER	HOUR	5	\$150.00	\$750.00
2451.507	GRANULAR BEDDING (CV) (P)	CY	309	\$18.00	\$5,562.00
2461.507	CONCRETE MIX NO. 3A GROUT	CY	66	\$145.00	\$9,570.00
2501.502	60" RC PIPE APRON	EACH	1	\$4,250.00	\$4,250.00
2501.503	60" RC PIPE CULVERT DESIGN 3006 CLASS III	LIN. FT.	208	\$275.00	\$57,200.00
2502.502	12" CONCRETE HEADWALL	EACH	1	\$3,500.00	\$3,500.00
2502.503	4" PERF. PE PIPE DRAIN	LIN. FT.	788	\$9.00	\$7,092.00
2511.507	RANDOM RIPRAP CLASS II	CY	110	\$68.00	\$7,480.00
2511.507	RANDOM RIPRAP CLASS III	CY	261	\$68.00	\$17,748.00
2573.501	STABILIZED CONSTRUCTION EXIT	EACH	1	\$1,500.00	\$1,500.00
2573.502	CULVERT END CONTROLS	EACH	1	\$150.00	\$150.00
2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER (12 INCH)	LIN. FT.	508	\$4.50	\$2,286.00
2573.503	SILT FENCE, TYPE MS	LIN. FT.	770	\$2.50	\$1,925.00
2574.508	FERTILIZER TYPE 1	LB	710	\$0.50	\$355.00
2575.504	EROSION CONTROL BLANKETS CATEGORY 3N	SQ. YD.	3,310	\$2.00	\$6,620.00
2575.505	SEEDING	ACRE	2.84	\$400.00	\$1,136.00
2575.508	SEED MIXTURE 21-112	LB	71	\$1.50	\$106.50
2575.508	SEED MIXTURE 25-121	LB	174	\$4.50	\$783.00
2575.509	MULCH MATERIAL TYPE 1	TON	4.5	\$225.00	\$1,012.50
<b>TOTAL CONSTRUCTION COST</b>					<b>\$228,953.75</b>
CONTINGENCIES (5%)					\$11,447.69
ADMINISTRATION (5%)					\$11,447.69
ENGINEERING (20%)					\$45,790.75
PERMANENT RIGHT-OF-WAY (0.461 ACRE @ \$2,500.00/ACRE)					\$1,152.50
TEMPORARY RIGHT-OF-WAY (3.657 ACRE @ \$300.00/ACRE)					\$1,097.10
<b>TOTAL PROJECT COST</b>					<b>\$299,889.48</b>

# RLWD Impoundment Update

As of May 12, 2020

- **Little Pine WMA Project #26A**
  - Spring Storage stop logs removed April 29, stop logs now set at summer level.
- **Pine Lake Project #35**
  - Summer Stop Logs installed on May 1<sup>st</sup>.
- **Schirrick Dam #25**
  - Pool is dry as of April 17<sup>th</sup>. Debris Cleanup was done May 12<sup>th</sup>. Stem Cover replacement scheduled for May 15<sup>th</sup>.
- **Parnell Impoundment #81**
  - Pools are dry as of Sunday May 10<sup>th</sup>. Debris Cleanup Planned. Gravel will be added to dike top.
- **Flood Storage Easement Site 1 (Tiedemann Site) Project #133C**
  - Pool is dry. Inspection and repair of gopher holes in emergency spillway planned.
- **Euclid East Impoundment Project #60C**
  - Pool is Dry as of Sunday May 10<sup>th</sup>. Debris Cleanup Planned. Gravel will be added to dike top.
- **Brandt Impoundment Project #60D**
  - Pool is Dry as of Sunday May 3<sup>rd</sup>. Debris Cleanup Planned. Gravel will be added to dike top.
- **Moose River Impoundment Project #13**
  - South Pool – Expected to be at summer target on May 17<sup>th</sup>.
  - North Pool – Expected to be at summer target on May 15<sup>th</sup>.
  - Summer inspection of the North Pool Outlet Structure Planned.



**Tammy Audette**

---

*20-012 - withdraw*

**From:** Brent Strand <3strands@gvtel.com>  
**Sent:** Monday, April 27, 2020 1:14 PM  
**To:** Tammy Audette  
**Subject:** installing culvert  
**Attachments:** Scan\_0009.pdf

Hi Tammy

I talked with Nick on Friday the 24th out at the site on my farm, (Nick is a very nice young man, a KEEPER) any way after talking with him we came up with a better plan on moving the water, so please withdraw the earlier permit for cleaning road ditch dated 3-13-2020 and I am submitting this new one of installing a culvert. Hope all is well with you and looking forward to getting back to normal or the new normal.

Thanks

Brent Strand



Permit # 20-012

Status Report: **Tabled**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Brent Strand		3542 6th Street East West Fargo, ND 58078		tel:218-686-7886 mobile: fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: Polk Township: **Badger** Range: 42 Section: 13 1/4: **NW1/4, NE1/4**

(4) Describe in detail the work to be performed. **Starting with about 500' on the north west end of the NE1/4 of Section 13 and continuing going west for about 1000' on the north east end of the NW1/4 of Section 13. Applicant will haul all the spoil bank material back onto applicants land on the NE1/4 of Section 13 to avoid any impact on the DNR property.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Years of neglect, silting in and vegetation causing slowing and stoppage of water drainage.**

**Status**

Status	Notes	Date
<b>Tabled</b>		<b>March 18, 2020</b>
Received		March 15, 2020

**Conditions**

**I recommend this permit be "Tabled" until after the 2020 spring run-off. This will allow for adequate time to observe runoff conditions, water elevations, and existing flow patterns. RLWD staff will perform a ditch bottom profile survey and pipe sizing. N.J.O.**

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 # 19-109

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Charles Carlson		21529 Center Street East Thief River Falls, MN 56701		tel:218-686-1834 mobile: fax:
Bryan Grove		None		tel: mobile: fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **11 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Clean north road ditch. RLWD completed survey profile.**

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

**Status**

Status	Notes	Date
Approved	None	Aug. 5, 2019
Received	None	July 29, 2019

**Conditions**

**RLWD Approval granted for a 1 year extension, expiring August 28, 2021.**

**Red Lake Watershed District (RLWD) approval to clean north road ditch as per approval of Pennington County Highway Department specs/conditions; proposed work is within Pennington County State Aid Highway #2 Right-of Way. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. The RLWD has performed an elevation survey of the north ditch bottom and existing culverts. A copy of the survey has been provided to the applicant with the proposed grade for ditch excavation. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 19-198

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Parjim Farmland, GP	18 Crescent Key Bellevue, WA 98006		tel: mobile: 425-301-0728 fax:

**General Information**

(1) The proposed project is a:

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

(2) Legal Description

(3) County: **Pennington** Township: **Mayfield** Range: **41** Section: **14 1/4**:

(4) Describe in detail the work to be performed. **Excavate road ditch and construct a berm with side inlet pipes**

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

**Status**

Status	Notes	Date
Approved	Revision	May 4, 2020

**Conditions**

**(Revision) Red Lake Watershed District (RLWD) approval to clean Pennington County Highway 89 West Road Ditch from sta. 0+00 – 46+67, remove an 18” diameter field entrance culvert @ sta. 26+16 and replace with a 24” diameter culvert at the same elevation, remove and replace a 24” diameter centerline culvert at Sta. 46+67 and lower it 0.29’, as per approval of Pennington County Highway Department; proposed work is within County Road #89 Right-of-Way. A survey of the ditch bottom profile has been completed by the RLWD and a copy of the profile has been sent to the applicant. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Where the backslope exceeds a 2.5:1 slope, the applicant shall install a 24” diameter culvert, there shall be one manhole riser for future maintenance. RLWD approval to construct a levee along the edge of an agriculture field with side water inlet pipes, levee shall be 0.5’ lower than adjacent public roads, if proposed levee and side water inlet pipes are within County State Aid Highway #23 Right-of-Way, applicant shall need approval from Pennington County Highway Department. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-057

Status Report: **Denied**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Lessor Township	25804 310th Street SE McIntosh, MN 56556		tel:218-280-1520 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: Polk Township: Lessor Range: 41 Section: 7 1/4: **SW1/4 NW1/4**

(4) Describe in detail the work to be performed. **Replace existing 18" culvert with a 24" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **The culvert has been taken out in the past.**

**Status**

Status	Notes	Date
Denied		May 11, 2020
Received		May 4, 2020

**Conditions**

**RLWD denial to install a 24" diameter centerline culvert. N.J.O. – L.S.**

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 # 20-011

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Tom Goddard	Evans Scrap and Steel, Inc.	13203 190th Street NE Thief River Falls, MN 56701		tel:218-686-9453 mobile: fax:

**General Information**

(1) The proposed project is a:

**Dike / Levee**

(2) Legal Description

(3) County: **Pennington** Township: **North** Range: **43** Section: **21 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Create ring dike around Evans Scrap and Steel yard.**

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

**Status**

Status	Notes	Date
<b>Approved</b>		<b>May 4, 2020</b>
Tabled		March 18, 2020
Received		March 12, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to construct an earthen dike around Evans Scrap & Steel Recycling Yard. The dike top elevation shall be 0.5' lower than adjacent State Highway #32, County Road #64, and Minnesota Northern Railroad Inc. Rail Line. Applicant shall ensure construction of levee does not affect wetlands, if any. N.J.O.**

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 # 20-018

Status Report: **Received**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Gary Roisland		11314 260th Avenue NE Thief River Falls, MN 56701		tel: mobile: 218-684-1929 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Kratka** Range: **41** Section: **27 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Remove dry crossing. Excavate north ditch bottom plug existing ditch and re-route water**

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

**Status**

Status	Notes	Date
Approved		May 4, 2020
Received		April 15, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to remove dry crossings, establish a ditch, & install an 18" diameter field entrance culvert within Pennington County Road #57 Right-of-Way; as per approval of Pennington County Highway Department's specifications & conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-021

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Grove Park Township	17742 US Hwy 2 SE Mentor, MN 56736		tel:218-637-0558 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Grove Park** Range: **43** Section: **36 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Replace existing 24" x 40' culvert**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing culvert is causing the road to wash out.**

**Status**

Status	Notes	Date
Approved		April 28, 2020
Received		April 16, 2020

**Conditions**

**RLWD approval to remove a 24" diameter CMP centerline pipe and replace with a 24" diameter culvert. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-022

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Grove park Township	17742 US Hwy 2 SE Mentor, MN 56736		tel:218-637-0558 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: Polk Township: Grove Park Range: 43 Section: 25 1/4: SE1/4

(4) Describe in detail the work to be performed. **Replace existing 18" x 40' culvert**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing culvert has a hole in it causing gravel to fill in culvert.**

**Status**

Status	Notes	Date
Approved		April 28, 2020
Received		April 16, 2020

**Conditions**

**RLWD approval to remove a 15" diameter CMP centerline culvert and replace with an 18" diameter culvert. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-024

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Tyler & Trisha Champ		Thief River Falls, MN 56701		tel: mobile: 218-686-5227 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **North** Range: **43** Section: **16 1/4**:

(4) Describe in detail the work to be performed. **Install culvert and property entrance.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Need access to new building site.**

**Status**

Status	Notes	Date
Approved		April 28, 2020
Received		April 16, 2020

**Conditions**

**RLWD approval to install an 18" diameter culvert for access to property, as per approval of North Township specs/conditions; proposed work is within township road Right-of Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-025

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Gregory Dyrdal		12744 180th Street NW Thief River Falls, MN 56701		tel:218-686-3574 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Bray** Range: **45** Section: **11 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Replace existing culverts at two sites with larger culverts.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Main access points to property and the culverts continue to get washed out.**

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 17, 2020

**Conditions**

**RLWD approval to up-size two field entrance culverts, clean road ditch, and create field berms, all work is in section 11, Bray Township. Current culverts are under-sized for the drainage area and gradient of ditch. The first culvert is along the north side of said section at the half mile line, it is an 18" diameter culvert, applicant may up-size to a 24" diameter culvert. The second culvert is along the west side of said section near the half mile line, it is a 24" diameter culvert, applicant may up-size to a 36" diameter culvert. Applicant may clean road ditch if deemed necessary. Berms shall be 0.5' lower than adjacent roads. Applicant shall meet adjacent Road Authority's specs/conditions. 1) All excavation shall be consistent with the existing road slopes with no vertical excavation faces and no excavation within the in-slope of the roadway. 2) Existing drainage/flow patterns shall not be changed or diverted. 3) The entire area needs to be monitored for erosion; and vegetative cover is very important to get established immediately after excavation. The existing topography is already quite steep, and soils are very 'sandy'. Applicant shall fix any erosion that may occur after work is complete in the immediate work area. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-026

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Randy Myhre		22395 163rd Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-686-4317 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Terrebonne** Range: **43** Section: **1 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Install 18" culvert for field access.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **No current access as culvert was pulled last year due to flooding.**

**Status**

Status	Notes	Date
Approved		April 28, 2020
Received		April 17, 2020

**Conditions**

**RLWD approval to install an 18" diameter field access culvert, as per approval of Red Lake County Highway Department's specs/conditions; proposed work is within County Road # 120 Right-of Way. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-027

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Gary Novak		12065 120th Street SE St. Hilaire, MN 56754		tel: mobile: 218-686-1598 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **None** Range: **43** Section: **30 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Install 18" culvert and field crossing.**

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

**Status**

Status	Notes	Date
<b>Approved</b>		<b>May 5, 2020</b>
Received		April 17, 2020

**Conditions**

**RLWD approval to install an 18" diameter field access culvert, as per approval of River Township specs/conditions; proposed work is within Township Road Right-of Way. If any work is done within Minnesota Trunk Highway #32 Right-of-Way, then applicant shall meet MN DOT's specs/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O.**

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 # 20-028

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Gary Novak		12065 120th Street SE St. Hilaire, MN 56754		tel: mobile: 218-686-1598 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **River Falls** Range: **43** Section: **19 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Clean sediment out of ditch. Install culvert.**

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

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 17, 2020

**Conditions**

**RLWD approval to install a 24" diameter field access culvert and clean township road ditch, as per approval of River & River Falls Township's specs/conditions; proposed work is within Township's Road Right-of Way. If any work is done within Minnesota Trunk Highway #32 Right-of-Way, then applicant shall meet MN DOT's specs/conditions. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) N.J.O. / L.S.**

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 # 20-029

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Parjim Farmland GP	18 Crescent Key Bellvue, WA 98006		tel:425-301-0728 mobile: fax:

**General Information**

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Highlanding** Range: **40** Section: **31** 1/4: **NE1/4**

(4) Describe in detail the work to be performed. **Add a tile pump, approximately 1,000 feet west of NE corner of the quarter.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Tile lines have retained to much water when the ditch is full, therefore the tile is not working properly.**

**Status**

Status	Notes	Date
Approved		April 29, 2020
Received	None	April 17, 2020

**Conditions**

**RLWD approval to modify an existing tile grid gravity outlet (installed prior to 2015) to a lift pump outlet, as per Pennington County Ditch Authority specs/conditions; proposed lift pump outlets into County Ditch 47. There are two gravity outlets on this grid, the westerly outlet is the one to be modified. The easterly outlet is to be diverted or plugged, see map. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-030

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	FSMN Agri Partners GP	18 Crescent Key Bellvue, WA 98006		tel: mobile: 425-301-0728 fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Pennington** Township: **Cloverleaf** Range: **41** Section: **23 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Add a tile pump approximately 1,000 feet north of the SW corner of the SW1/4.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Tile lines have retained too much water when the ditch is full, therefore the tile is not working properly.**

**Status**

Status	Notes	Date
Approved		April 29, 2020
Received		April 17, 2020

**Conditions**

**RLWD approval to modify an existing tile grid gravity outlet (installed prior to 2015) to a lift pump outlet, as per Cloverleaf Township specs/conditions; proposed lift pump outlets into Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-031

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Parjim Farmland GP	18 Crescent Key Bellvue, WA 98006		tel: mobile: 425-301-0728 fax:

**General Information**

(1) The proposed project is a:

**Tiling**

(2) Legal Description

(3) County: **Pennington** Township: **Highlanding** Range: **40** Section: **1 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Add a tile pump approximately 2,500 feet south of NW corner of the quarter along 340th Avenue.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Tile lines retain to much water when the ditch is full, therefore the tile is not working properly.**

**Status**

Status	Notes	Date
Approved		April 29, 2020
Received		April 17, 2020

**Conditions**

**RLWD approval to modify an existing tile grid gravity outlet (installed prior to 2015) to a lift pump outlet, as per Pennington County Ditch Authority specs/conditions; proposed lift pump outlets into County Ditch 41. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-032

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Philip Quam		29491 320th Street SE McIntosh, MN 56556		tel: mobile: 218-280-0122 fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Lessor** Range: **41** Section: **24 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Clean right of way of ditch on east side of 290th Avenue SE. Replace and lower culvert at point "a" and replace culvert at point "b". We want to keep water from flowing into the field.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **When entering the field at point "a" it is often soggy where the water enters and exits the field.**

**Status**

Status	Notes	Date
Approved		May 4, 2020
Received		April 22, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to clean road ditch, remove and replace two culverts, as per approval of Lessor Township specs/conditions; proposed work is within township road Right-of Way. 1) Culverts removed shall be replaced with 18" diameter culverts. 2) All excavation shall be consistent with the existing road slopes with no vertical excavation faces and no excavation within the in-slope of the roadway. 3) Existing drainage/flow patterns shall not be changed or diverted. 4) The entire area needs to be monitored for erosion; and vegetative cover is very important to get established immediately after excavation. The existing topography is already quite steep, and soils are very 'sandy'. Applicant shall fix any erosion that may occur after work is complete in the immediate work area. For proposed work on lands not owned by applicant, he/she must obtain, in writing, permission from the affected landowners to perform proposed work. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O. / L.S.**

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 # 20-033

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
David Jerome Bray		18480 110th Avenue NE Thief River Falls, MN 56701		tel: mobile: 218-686-0465 fax:

**General Information**

- (1) The proposed project is a:  
**Culvert Installation / Removal / Modification**
- (2) Legal Description
- (3) County: **Pennington** Township: **North** Range: **44** Section: **19 1/4: Government Lot 3, 4**
- (4) Describe in detail the work to be performed. **Install at 18" x 30' culvert.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Access to field.**

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 22, 2020

**Conditions**

**RLWD approval to install an 18" diameter field entrance culvert, as per Pennington County Highway Department specs/conditions; proposed work is within County Road #73. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-034

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Jason Bakke	PO Box 12	Gonvick, MN 56644		tel:218-368-2142 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Clearwater** Township: **Winsor** Range: **38** Section: **28 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Install culvert and crossing.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **No crossing to access my land.**

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 23, 2020

**Conditions**

**RLWD approval to install an 18" diameter field entrance culvert, as per Winsor Township specs/conditions; proposed work is within Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O. / L.S.**

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 # 20-035

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
David & Mary Lynn Bachand		706 Minnesota 222 Oklee, MN 56742		tel:218-796-5765 mobile: fax:

**General Information**

(1) The proposed project is a:

**Surface Drainage (New Ditch or Improvement)**

(2) Legal Description

(3) County: **Red Lake** Township: **Lambert** Range: **41** Section: **25 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Clean ditch south of the township minimum maintenance road.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water will not currently flow in the ditch.**

**Status**

Status	Notes	Date
Approved		April 29, 2020
Received		April 24, 2020

**Conditions**

**Red Lake Watershed District (RLWD) approval to clean a south township road ditch for 0.5 miles as per approval of Lambert Township specs/conditions; proposed work is within Township Road Right-of Way. Applicant shall ensure that property being drained is paying benefits to Red Lake County Ditch #9, and if not, applicant shall take appropriate steps to be included into the benefitted area of said ditch prior to ditch cleaning. Also, if any work is done within Minnesota Trunk Highway #92, applicant shall contact MN DOT for their approval and meet their specs/conditions. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-038

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Glen Nesland		14504 110th Avenue NE Thief River Falls, MN 56701		tel: mobile: 218-686-1631 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Roxbury** Range: **43** Section: **7 1/4: SW1/4 NW1/4**

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

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

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 28, 2020

**Conditions**

**RLWD approval to replace a 24" diameter driveway culvert, in kind, as per Pennington County Highway Department specs/conditions; proposed work is within County Road #73 Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-040

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Tim Raiter		17702 Center Street East Thief River Falls, MN 56701		tel: mobile: 218-686-2540 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **31 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Replaced existing failed 36" field entrance culvert.**

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

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to replace a 36" diameter field entrance culvert, in kind, as per Pennington County Highway Department specs/conditions; proposed work is within County State Aid Highway #3 Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-041

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Aaron Myhre		22223 165th Avenue SE Red Lake Falls, MN 56750		tel: mobile: 218-689-2697 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Poplar River** Range: **42** Section: **6 1/4**: **Govt Lot 1 and 2**

(4) Describe in detail the work to be performed. **Remove and reinstall a new culvert, same size and length.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Plugged and rotten culvert.**

**Status**

Status	Notes	Date
Approved		May 6, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove & replace a 24" diameter centerline culvert, in kind, as per Poplar River Township specs/conditions; proposed work is within Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-042

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Garnes Township	27536 180th Street SE Oklee, MN		tel: mobile: <b>218-796-5282</b> fax:

### General Information

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Garnes** Range: **41** Section: **21 1/4**: **NW1/4**

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

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

### Status

Status	Notes	Date
Approved		May 6, 2020
Received		April 30, 2020

### Conditions

**RLWD approval to remove & replace a 48" diameter field entrance culvert, in kind, as per Red Lake County Ditch Authority specs/conditions; proposed work is within County Ditch #57 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-043

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Avenue NE Thief River Falls, MN 56701		tel:218-289-6475 mobile: 218-689-0330 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **16 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Replace existing centerline culvert in County Road 83.**

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

**Status**

Status	Notes	Date
Approved		May 7, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove & replace a 24" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-044

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Avenue NE Thief River Falls, MN 56701		tel:218-289-6475 mobile: 218-689-0330 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **2 1/4**; **SE1/4**

(4) Describe in detail the work to be performed. **Replace field crossing along County Road 55 in County Ditch 37.**

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

**Status**

Status	Notes	Date
Approved		May 7, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove & replace a 60" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-045

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Avenue NE Thief River Falls, MN 56701		tel: mobile: fax:218-689-0330

### General Information

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **5 1/4**: **SE1/4**

(4) Describe in detail the work to be performed. **Replace existing field crossing along County Road 55 in County Ditch 16.**

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

### Status

Status	Notes	Date
Approved		May 7, 2020
Received		April 30, 2020

### Conditions

**RLWD approval to remove & replace a 72" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-046

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Avenue NE Thief River Falls, MN 56701		tel:218-289-6475 mobile: 218-689-0330 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **4 1/4**: **SW1/4**

(4) Describe in detail the work to be performed. **Replace centerline pipe in County Road 55**

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

**Status**

Status	Notes	Date
Approved		May 7, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove & replace a 72" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-047

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Craig Mattson		17262 160th Avenue NE Thief River Falls, MN 56701		tel: mobile: 218-689-8820 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Bray** Range: **45** Section: **33 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Installation of culvert for a driveway.**

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

**Status**

Status	Notes	Date
Approved		May 6, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to install an 18" diameter field entrance culvert, as per Pennington County Highway Department specs/conditions; proposed work is within County Road #57 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-048

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Wyandotte Township	11608 US Highway 59 SE Thief River Falls, MN 56701		tel: mobile: 218-686-9151 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Wyandotte** Range: **42** Section: **6 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Replace pipe at intersection of 110th Street SE and 190th Avenue SE in County Ditch 16.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing pipe has deteriorated.**

**Status**

Status	Notes	Date
Approved		May 7, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove & replace a 72" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-049

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Michael Weibolt		11429 Snake Trail SW Motley, MN 56466-2552		tel:218-330-5713 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Sanders** Range: **44** Section: **25 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Relocate existing 36" culvert with trap.**

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

**Status**

Status	Notes	Date
Approved		May 5, 2020
Received		April 30, 2020

**Conditions**

**RLWD approval to remove a 36" diameter centerline culvert which lies under Pennington County Road #72 and re-locate it to the south approximately 750'. See Map. Work is authorized as per Pennington County Highway Department specs/conditions; proposed work is within County Road #72 Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-050

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Michael Wiebolt		11429 Snake Trail SW Motley, MN 56466-2552		tel:218-330-5713 mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Sanders** Range: **44** Section: **25 1/4**:

(4) Describe in detail the work to be performed. **Extend crossing**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing crossing is too narrow for larger equipment.**

**Status**

Status	Notes	Date
<b>Approved</b>		<b>May 5, 2020</b>
Received		April 30, 2020

**Conditions**

**RLWD approval to extend an 18" diameter field entrance culvert and clean north road ditch, as per Pennington County Highway Department specs/conditions; proposed work is within County Road #57 Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-051

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Roger Walter		13445 Hwy 59SE Plummer, MN 56748		tel: mobile: 218-686-0424 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Red Lake** Township: **Emardville** Range: **42** Section: **32 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Install field access with 18" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **No current access.**

**Status**

Status	Notes	Date
<b>Approved</b>		<b>May 6, 2020</b>
Received		May 1, 2020

**Conditions**

**RLWD approval to install an 18" diameter field entrance culvert, as per Emardville Township specs/conditions; proposed work is within Township Road Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # **20-052**

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Tim Chaput		27388 120th Avenue SW Red Lake Falls, MN 56750		tel: mobile: 218-280-1781 fax:

### General Information

- (1) The proposed project is a:  
**Surface Drainage (New Ditch or Improvement)**
- (2) Legal Description
- (3) County: **Red Lake** Township: **Lake Pleasant** Range: **44** Section: **20 1/4: SE1/4**
- (4) Describe in detail the work to be performed. **Clean ditch bottom along County Road 113.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Poor drainage.**

### Status

Status	Notes	Date
Approved		May 6, 2020
Received		May 1, 2020

### Conditions

**RLWD approval to clean a county road ditch and lower an 18" diameter field entrance culvert, as per Red Lake County Highway Department specs/conditions; proposed work is within County Road #113 Right-of-Way. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # **20-053**

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jacob Beito		309 Conley Avenue South Thief River Falls, MN 56701		tel: mobile: 218-686-8552 fax:

### General Information

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Norden** Range: **44** Section: **30 1/4**:

(4) Describe in detail the work to be performed. **Install driveway and culvert and tree clearing.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Going to be building a house on the lot.**

### Status

Status	Notes	Date
Approved		May 6, 2020
Received		May 4, 2020

### Conditions

**RLWD approval to install an 18" diameter field entrance culvert, as per Pennington County Highway Department specs/conditions; proposed work is within County State Aid Highway #8 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-054

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
Nathan Hesse		105 Snetting Drive Thief River Falls, MN 56701		tel: mobile: 218-686-2099 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Pennington** Township: **Smiley** Range: **42** Section: **20 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install new crossing for driveway.**

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

**Status**

Status	Notes	Date
Approved		May 6, 2020
Received		May 5, 2020

**Conditions**

**RLWD approval to install an 18" diameter field entrance culvert, as per Pennington County Highway Department specs/conditions; proposed work is within County Road # 58 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-055

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Lessor Township	25804 310th Street SE McIntosh, MN 56556		tel: mobile: 218-280-1520 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: Polk Township: Lessor Range: 41 Section: 27 1/4: SE1/4

(4) Describe in detail the work to be performed. **Remove and replace existing 36" culvert**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert has buckled in the middle.**

**Status**

Status	Notes	Date
Approved		May 7, 2020
Received		May 4, 2020

**Conditions**

**RLWD approval to remove & replace a 36" diameter culvert, in kind. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O. – L.S.**

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 # 20-056

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Lessor Township	25804 310th Street SE McIntosh, MN 56556		tel: mobile: fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Lessor** Range: **41** Section: **15 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Replace existing 18" culvert with a 24" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert is sinking, too small.**

**Status**

Status	Notes	Date
Approved		May 11, 2020
Received		May 4, 2020

**Conditions**

**RLWD approval to remove an 18" diameter centerline culvert & replace with a 24" diameter culvert. Permit culvert is an "equalizer pipe" between two open water areas with no natural outlet. Water level is regulated by a tile line. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O. – L.S.**

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 # 20-058

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Lessor Township	25804 310th Street SE McIntosh, MN 56556		tel: mobile: 218-280-1520 fax:

**General Information**

(1) The proposed project is a:

**Culvert Installation / Removal / Modification**

(2) Legal Description

(3) County: **Polk** Township: **Lessor** Range: **41** Section: **33 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Remove existing 18" culvert and replace with a 24" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert is sinking and is too small.**

**Status**

Status	Notes	Date
<b>Approved</b>		<b>May 11, 2020</b>
<b>Received</b>		<b>May 4, 2020</b>

**Conditions**

**RLWD approval to remove an 18" diameter centerline culvert & replace with a 24" diameter culvert, at the same elevation.**

**Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O. – L.S.**

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 # 20-061

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Belguim Township	24406 120th ST SW Euclid, MN 56722		tel:218-281-7228 mobile: 218-289-1111 fax:

**General Information**

(1) The proposed project is a:

**No work type selected.**

(2) Legal Description

(3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:

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

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

**Status**

Status	Notes	Date
Approved		May 12, 2020
Received		May 11, 2020

**Conditions**

**RLWD approval to remove and replace a 30" diameter centerline culvert, in kind, at the same elevation. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-062

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Ave NE Thief River Falls, MN 56701		tel:218-289-6475 mobile: fax:

**General Information**

- (1) The proposed project is a:  
**No work type selected.**
- (2) Legal Description
- (3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:
- (4) Describe in detail the work to be performed.
- (5) Why is this work necessary? Explain water related issue/problem being solved.

**Status**

Status	Notes	Date
Approved		May 12, 2020
Received		May 11, 2020

**Conditions**

**RLWD approval to remove and replace an 18" diameter centerline culvert, in kind, at the same elevation. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-064

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Ave NE Thief River Falls , MN 56701		tel:218-289-6475 mobile: fax:

**General Information**

(1) The proposed project is a:

**No work type selected.**

(2) Legal Description

(3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:

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

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

**Status**

Status	Notes	Date
Approved		May 12, 2020
Received		May 11, 2020

**Conditions**

**RLWD approval to remove and replace a 24” diameter centerline culvert, in kind, at the same elevation. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-065

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
David Gunderson		23219 State Hwy 220 SW Fisher , MN 56723		tel:218-893-2553 mobile: 701-741-3013 fax:

### General Information

(1) The proposed project is a:

**No work type selected.**

(2) Legal Description

(3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:

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

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

### Status

Status	Notes	Date
Approved		May 12, 2020
Received		May 11, 2020

### Conditions

**RLWD approval to remove and replace a 36" diameter "Texas-Crossing" culvert, in kind, at the same elevation. Permit location is within a protected water, applicant shall abide by any applicable Minnesota Department of Natural Resources permit regulations. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-066

Status Report: **Approved**

### Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Richard Froiland		19549 200th Street SE Plummer, MN 56748		tel:218-465-4448 mobile: fax:

### General Information

- (1) The proposed project is a:  
**No work type selected.**
- (2) Legal Description
- (3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:
- (4) Describe in detail the work to be performed.
- (5) Why is this work necessary? Explain water related issue/problem being solved.

### Status

Status	Notes	Date
<b>Approved</b>		<b>May 12, 2020</b>
Received		May 11, 2020

### Conditions

**RLWD approval to install a 24" diameter field entrance culvert; as per approval of Red Lake County Highway Department, proposed work is within County Road #118 Right-of-Way. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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 # 20-067

Status Report: **Approved**

**Applicant Information**

Name	Organization	Address	Email	Phone Number(s)
	Pennington County Highway Department	250 125th Ave NE Thief River Falls, MN 56701		tel:218-289-6475 mobile: fax:

**General Information**

- (1) The proposed project is a:  
**No work type selected.**
- (2) Legal Description
- (3) County: **None** Township: **None** Range: **None** Section: **None** 1/4:
- (4) Describe in detail the work to be performed.
- (5) Why is this work necessary? Explain water related issue/problem being solved.

**Status**

Status	Notes	Date
Approved		May 12, 2020
Received		May 11, 2020

**Conditions**

**RLWD approval to remove and replace an 18" diameter centerline culvert, in kind, at the same elevation. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O.**

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.

## **Red Lake Watershed District - Administrators Report**

**May 14, 2020**

**Red River Watershed Management Board** – LeRoy and I will attend the RRWMB via conference call at 10:00 am May 19, 2020.

**City of Grygla** – I have included in your packet a letter from Moore Engineering soliciting our comments for a project that would replace existing water treatment plant, rehabilitate the water tower, rehabilitate the lift station, construct new transfer structures in the wastewater treatment lagoons, and rehabilitate manholes and add gate valves throughout the existing City streets. I don't anticipate any issues with the proposed work and will keep the Board apprised as the project proceeds.

**MnDOT Bid Letting** – April 24, 2020 Minnesota Department of Transportation opened bids for various projects which includes the projects located in Thief River Falls. I have attached the bids for your review.

I attended the virtual public meeting which was intended to update the public on all their projects withing the Thief River Falls area. All partners the County, City and Watershed were available to answer any questions the public may have. This meeting was held from 5:00 to 7:00 pm Wednesday, April 29<sup>th</sup>.

**Corporate Technology Transfer** – Tammy and I attended our first update with Corporate Technology staff person, Derek Vetter, at 9:00 am May 7, 2020. I felt the meeting went well and will let Tammy add anything on this item if she sees fit.

**Water Quality Report** – I have included in your packet Corey's Water Quality Report dated March 2020. Items of interest are updates from Thief River 1W1P which includes project identified in the work plan, River Watch update, Bartlett Lake, Red Lake River and Clearwater River 1W1P as well as other items of interest.



3315 Roosevelt Road  
Suite 500C  
St. Cloud, MN 56301  
P: 320.281.5493



April 23, 2020

Myron Jesme  
Administrator  
Red Lake Watershed District  
1000 Pennington Ave. S.  
Thief River Falls, MN 56701  
[myron.jesme@redlakewatershed.org](mailto:myron.jesme@redlakewatershed.org)

RE: Water and Wastewater Facility  
Improvements Project  
USDA Rural Development Program  
Grygla, Minnesota  
Moore Project No. 20618  
***Electronic Submittal***

Dear Mr. Jesme,

The City of Grygla, located in Marshall County, Minnesota (Township 156N, Range 39W, Sections 25 and 26), is proposing to replace the existing water treatment plant, rehabilitate the water tower, rehabilitate the lift station, construct new transfer structures in the wastewater treatment lagoons, and rehabilitate manholes and add gate valves throughout town on existing City streets. All ground disturbing activities would occur within the same location or directly adjacent to the existing infrastructure.

Funding for the project is being requested through the USDA Rural Development program. We are currently in the process of preparing an environmental report for the project.

To ensure that all social, economic and environmental impacts are considered, we are soliciting your views and comments. The enclosed maps show the proposed locations of the water treatment plant, water tower, lift station, and wastewater treatment plant. All improvements are occurring in the same location as the existing utilities. The rehabilitation and addition of gate valves are proposed within city limits.

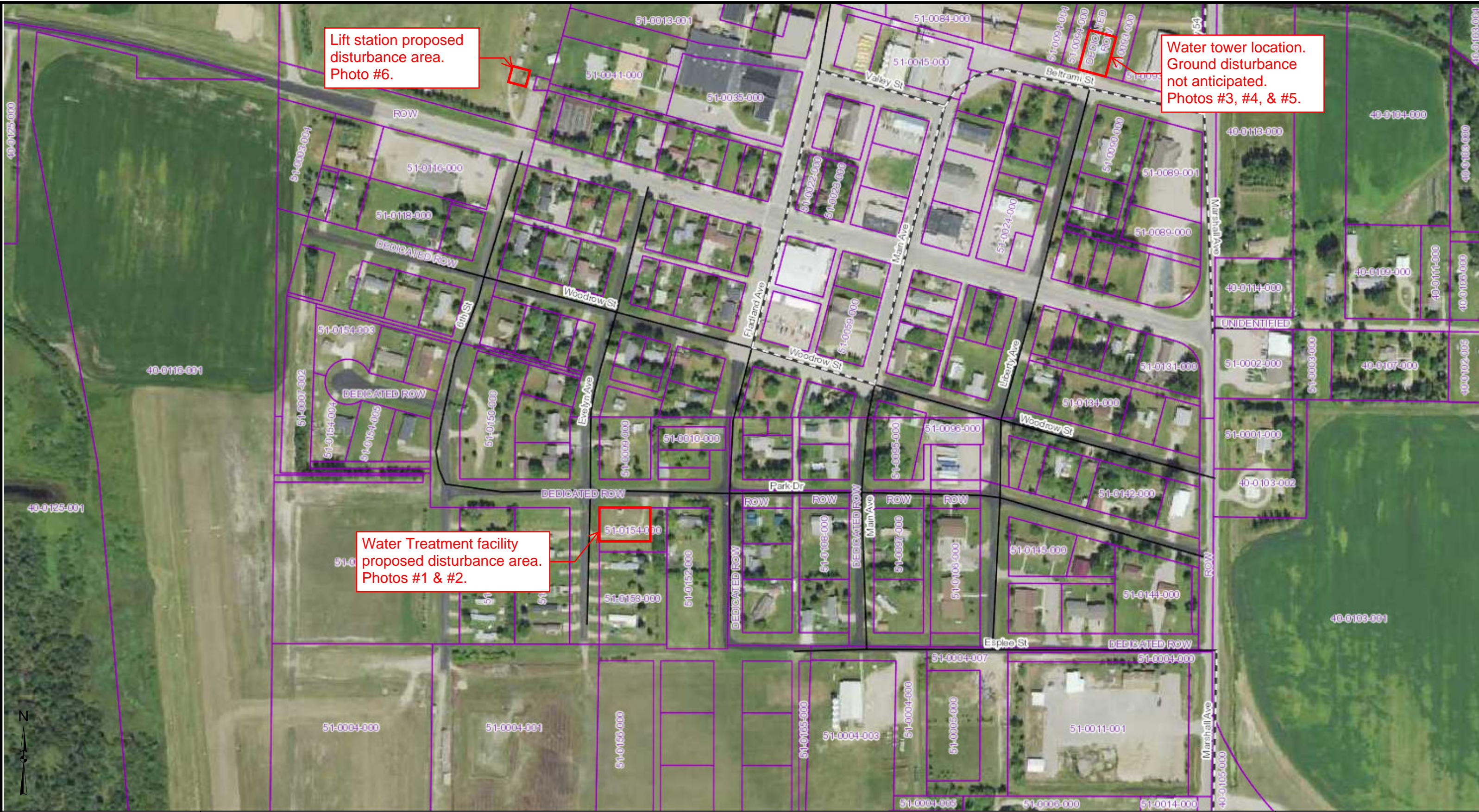
No negative impacts to fish, wildlife or wetlands are anticipated. Contractors will be instructed to minimize both noise and dust pollution during the project's construction. Please review the project for potential environmental issues and provide any comments to me by May 23, 2020. If you have any questions on this project, please feel free to contact me at (320) 979-0274. Thank you for your consideration and input.

Sincerely,

Amy Denz  
Environmental Manager

Enclosures





These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

1:4,514

### Grygla City Limits

Date: 4/17/2020



This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

These data are provided on an "AS-IS" basis, without warranty of any type, expressed or implied, including but not limited to any warranty as to their performance, merchantability, or fitness for any particular purpose.

# City of Grygla

1:10,875 Date: 4/10/2020



This map is not a substitute for accurate field surveys or for locating actual property lines and any adjacent features.

**Senator Bill Ingebrigtsen**

**Assistant Majority Leader**

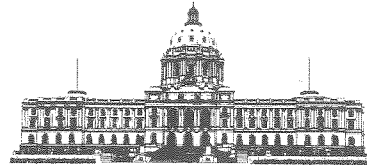
3207 MN Senate Building

95 University Avenue West

Saint Paul, MN 55155-1606

651-297-8063

Sen.Bill.Ingebrigtsen@senate.mn



# Senate

State of Minnesota

Representative Rick Hansen  
407 State Office Building  
St. Paul, MN 55155

Representative Hansen,

First and foremost, thank you for your hard work this year amid a global pandemic. We all know our state is in a truly trying time. As we move towards the conclusion of the 2020 session there is one issue that I wanted to reach out to you and let you know our intent.

After much discussion amongst ourselves in the Senate we will not be pursuing a LCCMR appropriations bill at this time. As stewards of the taxpayers it is financially prudent to allow that money to fall to the bottom line and be used next year when our state will most likely be facing a massive deficit. Furthermore, as there were no official recommendations this year there is less agreement and therefore less desire to appropriate the dollars.

If you have any questions, please let me and my staff know. I look forward to a cordial end of session. Stay safe.

Best wishes,

A handwritten signature in cursive script, appearing to read "Bill Ingebrigtsen".

Senator Bill Ingebrigtsen

CC:

Senator Paul Gazelka, Senate Majority Leader  
Senator David Tomassoni, Senate Minority Lead  
Representative Dan Fabian, House Minority Lead  
Becca Nash, Director of LCCMR

**Committees**

*Chairman* - Environment and Natural Resources Finance

*Vice Chair* - Capital Investment

Finance, Judiciary and Public Safety Finance and Policy

**Proudly Serving District 8:** Douglas and Ottertail Counties



Recycled Paper  
30% Post-  
Consumer Fiber

<b>037 - 200037</b> <b>BIG STONE LAC QUI PARLE</b>	3703-25 (TH 075-006) 3702-36 (TH 075-006) 0607-22 (TH 075-006) State Funds In Lac Qui Parle and Big Stone Counties on TH 75 from 0.1 Mi. N. of TH 212 to TH 7 Grading, Bituminous Milling, Cold in Place Recycle, Bituminous Paving and ADA Improvements ...	Duinick, Inc. MARK SAND & GRAVEL CO. Central Specialties, Inc.	\$7,916,804.10 \$8,471,050.88 \$8,791,627.14
<b>049 - 200049</b> <b>PENNINGTON</b>	5701-31 (TH 1-33) 5706-13 (TH 59-174) S.P. 170-010-007 S.P. 057-070-019 HSIP-STPF 5720(146) In Pennington County on: TH 1 from 900' West of TH 59/CSAH 16 to Kinney Avenue CSAH 16 from 690' South of TH 1 to TH 1 TH 59 from TH 1 to 923' North of TH 1...	R.J. Zavoral & Sons, Inc. DAVIDSON CONSTRUCTION, INC. The Spruce Valley Corporation	\$7,804,466.45 \$8,011,026.90 \$8,412,502.93
<b>050 - 200050</b> <b>COOK</b>	1604-45 (TH 61-001) 1603-53 (TH 61-001) NHPP 0061(341) In Cook County on TH 61 from Resurrection Bay Rd to U.S./Canada Border Grading, Bituminous Surfacing, Full Depth Reclamation, ADA Improvements, Lighting and Bridge No. 16011 & 16X10 16,960 Miles.	Northland Constructors of Duluth, Inc. Ulland Brothers, Inc.	\$17,248,500.00 \$18,238,400.00
<b>051 - 200051</b> <b>GRAFT</b>	2609-42 (T.H. 55-142) STPF 2620(204) In Grant County on TH 55 at 0.5 Miles South of T.H. 59 Grading, Bituminous Milling, Full Depth Reclamation, Bituminous Surfacing and Bridge No. 26012 0.268 Miles	KGM Contractors, Inc. Robert R. Schroeder Construction, Inc. STRUCTURAL SPECIALTIES INC	\$18,977,173.50 \$905,970.33 \$999,298.82
<b>052 - 200052</b> <b>DAKOTA</b>	1921-102 (TH 3-001) HSIP 1920(005) In Dakota County on TH 3 from 1830' North of County Rd 50 to 751' North of 1700th st Grading, Concrete & Bituminous Pavement, ADA Improvements, Lighting & Roundabout 1.655 Miles	KORBY CONTRACTING CO INC Shafer Contracting Co., Inc. McNamara Contracting, Inc.	\$1,095,405.92 \$2,861,535.30 \$2,906,413.20
<b>053 - 200053</b> <b>CARVER</b>	1012-24 (TH 212-12) 1013-027 (TH 212-12) SP 010-033-047 NHPP-HSIP TA 0212(323) In Carver County on TH 212 from 700 Feet West of TH 3 to 800 Feet West of CSAH 38 In Carver County on TH 212 to 0.22 Mile...	S.M. Hentges & Sons, Inc. NEW LOOK CONTRACTING, INC. Valley Paving, Inc. OMG Midwest, Inc. dba Minnesota Paving & Materials	\$2,988,630.95 \$3,406,769.39 \$20,355,567.22 \$25,230,028.81
<b>055 - 200055</b> <b>CASS ITASCA</b>	1102-70 (TH 2-003) 3102-50 (TH 2-008) State Funds In Cass & Itasca Counties on T. H. 2 from 1.4 MI E of CSAH 91 to CSAH 18 Bituminous Mill & Overlay 14.353 Miles	Hawkinson Construction Co., Inc. Anderson Brothers Construction Company of Brainerd, LLC NorthStar Materials, Inc. DBA Knife River Materials	\$3,728,090.30 \$4,351,166.85 \$4,748,905.71
<b>056 - 200056</b> <b>ANKOLA</b>	0208-160 (TH 65-005) HSIP 0221(011) In Anoka County on TH 65 from 0.17 Mile S. of Klondike Drive to 0.17 Mile N. of Klondike Drive Grading, Bituminous Surfacing and ADA Improvements 0.35 Miles	Forest Lake Contracting, Inc. NEW LOOK CONTRACTING, INC. DRESEL CONTRACTING INC Valley Paving, Inc.	\$1,505,539.49 \$1,564,610.00 \$1,628,536.35 \$1,741,741.00
<b>060 - 200060</b> <b>OLMSTED</b>	5501-38 (TH 14-007) NHPP 0014(342) In Olmsted County on TH 14 from CSAH 5 to CSAH 22 Traffic Management System 6.86 Miles	River City Electric Co Premier Electrical Corporation	\$621,333.25 \$636,362.23
<b>063 - 200063</b> <b>ROSEAU</b>	6810-11 (TH 313-213) CB1 6820(162) In Roseau County on TH 313 from US/Canadian Border to TH 11 Grading, Full Depth Reclamation, Bituminous Mill & Overlay, and Lighting 6.262 Miles	Agassiz Asphalt, LLC NorthStar Materials, Inc. DBA Knife River Materials	\$2,445,101.47 \$2,500,245.13
<b>064 - 200064</b> <b>CLEARWATER</b>	1502-28 (TH 2-6), 1503-32 (TH 2-8) NHPP 0002(339) In Clearwater County on TH 2 from CSAH 25 to 1.2 Mi. East of TH 92 Bituminous Mill & Overlay, ADA Improvements, Lighting 2.31 Miles	Northern Paving, Inc. Reherson Construction, Inc. NorthStar Materials, Inc. DBA Knife River Materials Ti-Zack Concrete, Inc. MARK SAND & GRAVEL CO.	\$2,647,869.06 \$2,912,702.13 \$3,017,750.11 \$3,082,167.35 \$3,353,942.81

By Corey Hanson, Red Lake Watershed District Water Quality Coordinator. 4/23/2020

**Thief River One Watershed One Plan (1W1P)**

Local agency staff met with BWSR staff at the March 4, 2020 BWSR Northern Region Committee Meeting. The BWSR North Region Committee made the recommendation to approve the Thief River Comprehensive Watershed Management Plan.

A Thief River 1W1P Policy Committee meeting was held on March 16, 2020 at the District office. Agenda items included a review of bylaws, deciding on a fiscal agent, deciding on a coordinator, and approving the 2020/2021 Work Plan. The Planning Work Group had put together a 2020-2021 work plan, including load reduction estimates. A map of proposed projects was created by District staff. District staff also helped create a presentation of those projects for the Policy Committee meeting. The policy committee approved the 2020-2021 work plan. The projects identified in the work plan include:

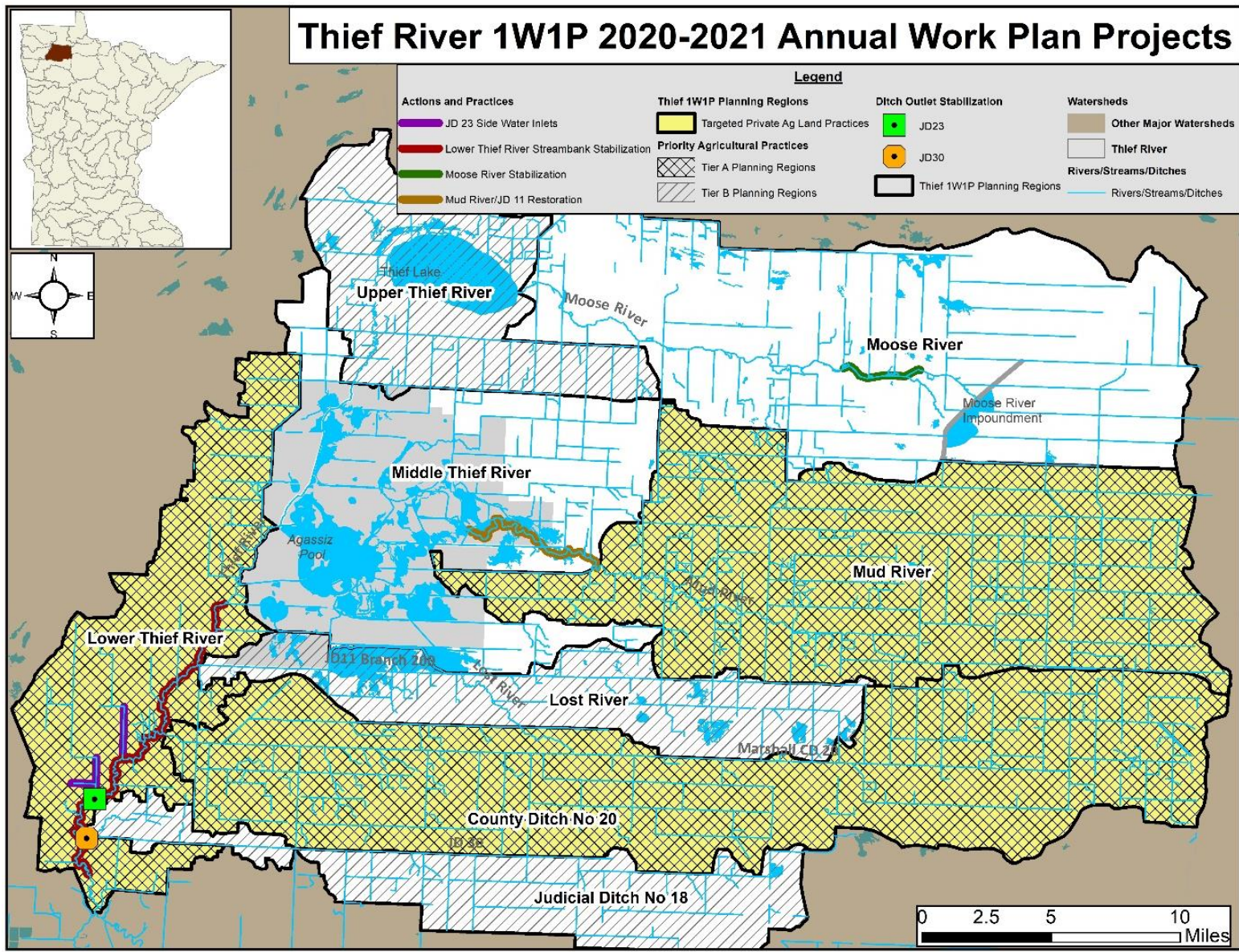
1. Stabilization of the JD 23 outlet in Marshall County (\$150,000)
2. Install 6 side water inlet grade stabilization structures within the JD 23 portion of the Lower Thief River subwatershed (\$12,000).
3. 1000 feet of streambank stabilization along the Lower Thief River (\$128,925).
4. Implement 640 acres of cover crop in the Lower Thief River subwatershed (\$20,000).
5. Conduct an education and outreach workshop (\$5,000).
6. Conduct a watershed-wide inventory for side water inlets and buffers (\$30,000).
7. Implement priority agricultural practices within Tier A and Tier B priority planning area subwatersheds (\$75,000).
8. Implement grade stabilization and cover crops within the Lower Thief River and JD 30 subwatersheds (a \$256,666 project funded by a Clean Water Fund grant that was awarded to the Pennington SWCD).
9. Septic system upgrades, watershed-wide (\$30,000)
10. Several Technical and Engineering Projects, as funding allows:
  - a. Priority 1: Feasibility study, survey and design work on the Mud River/JD11 – USFWS been looking for money for this project. The majority of the project lies within Agassiz National Wildlife Refuge.
  - b. Priority 2: Survey and design work on the outlet of JD30 with the intent to stabilize the outlet pending future funding.
  - c. Priority 3: Survey and design work on the outlet of JD30 with the intent to stabilize the outlet pending future funding.

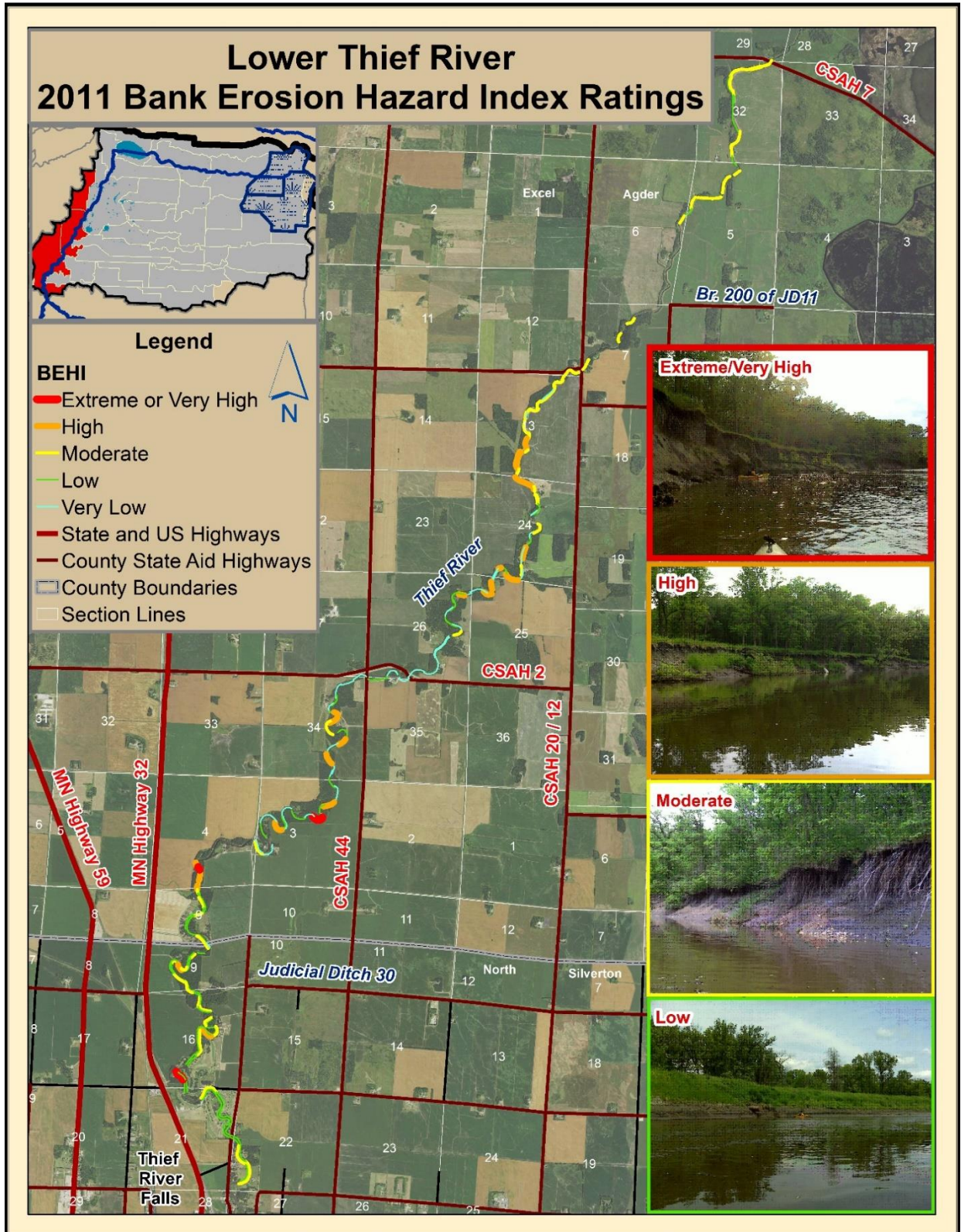
District staff received Bank Erosion Hazard Index rating data from DNR staff and used that data to create a map of the streambanks along the Lower Thief River that were most susceptible to erosion.

**RED LAKE WATERSHED DISTRICT  
MONTHLY WATER QUALITY REPORT**

**March 2020**

**Thief River 1W1P 2020-2021 Annual Work Plan Projects**





### **River Watch**

The month of March began with some anticipation for the River Watch Forum that was scheduled for March 25, 2020. Unfortunately, the spread of the SARS-CoV-2 virus (coronavirus) throughout the United States caused cancellations of all gatherings throughout the State of Minnesota after mid-March. The 2020 River Watch Forum was going to be a celebration of 25 years of the Red River Basin River Watch program.

The River Watch teams' assignments were due on March 11. A team of water resource professionals, including Ashley Hitt of the RLWD, met to review and judge the assignments. The top six projects will be chosen in April. River Watch students were able to submit applications for scholarships through March 20<sup>th</sup>. District staff held a River of Dreams classroom visit with the Red Lake Falls.

Beltrami SWCD staff and Ashley Hitt discussion of a strategy to start River Watch programs at schools in the eastern part of the District.

### **Bartlett Lake Management Plan**

A meeting for the Bartlett Lake Management Pan was planned for March 24, 2020 but was canceled due to the COVID-19 pandemic.

### **Red Lake River Watershed One Watershed One Plan**

Administrator Jesme participated in the BWSR sponsored "Building capacity for watershed-based funding in the Red River Basin" that ran in conjunction with the RRWMB meeting.

### **Clearwater River One Watershed One Plan**

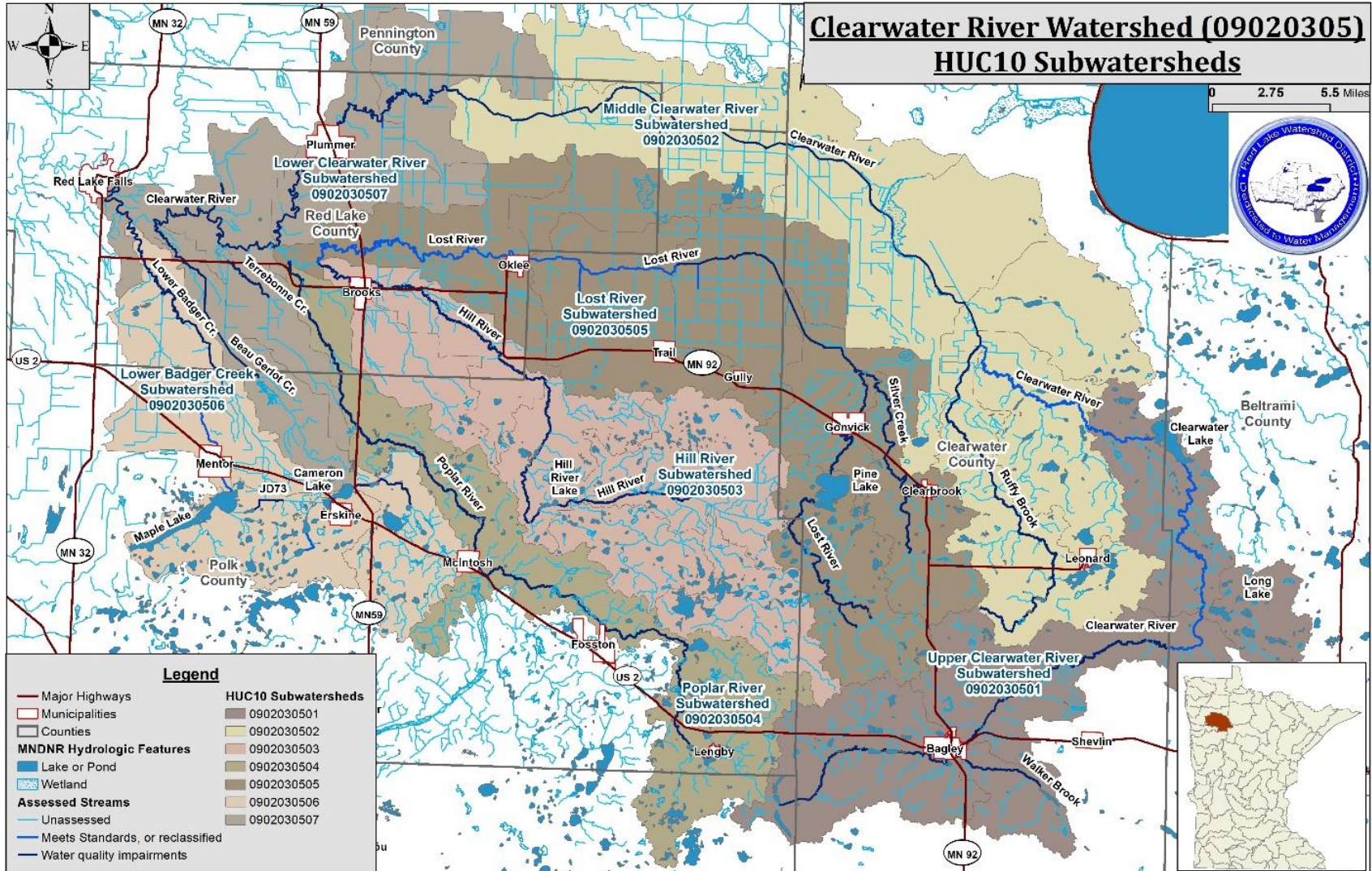
The Clearwater SWCD staff began the process of organizing project partners for the Clearwater River 1W1P.

A conference call with potential Planning Work Group partners was held on March 25, 2020. The planning work group (or steering committee) included staff from the RLWD, Clearwater SWCD, East Polk SWCD, Red Lake SWCD, Pennington SWCD, and BWSR. Project partners reviewed a draft Memorandum of Agreement that was drafted by the Clearwater SWCD.



# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

March 2020



**Other Notes**

- District staff worked with DNR and International Water Institute staff to plan flow monitoring upstream and downstream of the Brandt Impoundment in 2020. The flow monitoring will be used along with intensive sample collection to calculate loads of pollutants going in and out of the impoundment. DNR flow monitoring staff are prepared to help with the high flow measurements. They will try to collect at least 2 sets of measurements

Inlet channel, upstream of the Brandt Impoundment



Brandt Impoundment outlet



Outlet channel, downstream of the Brandt Impoundment outlet



- A February 2020 Red Lake Watershed District Water Quality Report was completed and posted on the RLWD website.  
<http://redlakewatershed.org/waterquality/MonthlyWQReport/2020%2001%20January%20Water%20Quality%20Report.pdf?fbclid=IwAR36Le4i0S4GDYe7g0K7XlysZc80QY3y2jYAgEDa6vqmMYchpABKbSoaiTE>
- District engineering staff conducted snow surveys, kept informed of NOAA flood outlook updates, and shared information with the public on the District's Facebook page.
- District staff completed articles for a draft 2019 Red Lake Watershed District Annual Report
- District staff created a monitoring checklist/schedule for 2020 sampling at long-term monitoring stations. Rounds of monitoring at RLWD long-term monitoring sites will be planned for the months of May, June, July, and September in 2020. Local agencies will take the presence of zebra mussels in the Upper and Lower Red Lakes into consideration when sampling this year. Stations along the Red Lake River upstream of Thief River Falls will be sampled last during a day's sampling run. There is not knowledge of zebra mussels in the Red Lake River, yet, but precautions will be taken to reduce the chance of spreading them to other waters. Sampling equipment is well-rinsed after every set of samples as a standard operating procedure to avoid cross-contamination of pollutants between sites. Local and state agencies will cooperate to conduct early detection monitoring in the Red Lake River with deployed samplers and laboratory samples.
- The Red River Watershed Management Board approved methods for distributing water quality funding to member watershed districts.
- RMB Laboratories completed and shared electronic data deliverable (EDD) files for the lab reports from the District's 2019 samples. District staff reviewed the files for accuracy (mostly to confirm that RLWD site names matched the correct EQuIS station identification codes. This is the first year that the RLWD has used the EDD system for the submittal of laboratory data. Concerns about accuracy in the recording and understanding of site information were confirmed during the review. However, the MPCA will be requiring EDD files for EQuIS laboratory data submittals in the future. Being able to review the data before it is submitted to the MPCA will alleviate some the concerns.

Water quality related notes and minutes from the March 12, 2019 Red Lake Watershed District Board of Managers meeting.

- West Polk SWCD submitted a request for a financial donation for the Area I Envirothon. The Area I Envirothon will be held on May 6, 2020, at Rydell Refuge, Erskine, MN. Motion by Dwight, seconded by Page, to donate \$300 to the Area I Envirothon to promote education and awareness of water quality issues.

#### **Meetings and Events from March 2020**

- **March 3, 2020** – Annual Red River Basin Water Quality Training Session at the university of Minnesota, Crookston
  - District staff presented on the use of standard operating procedures when monitoring.
  - Sampling in AIS Infested Waters
    - USGS Decontamination Protocols
      - Dedicated equipment for infested waters

- Visual inspection of equipment
- Rinsing of equipment
- Scheduling sampling at AIS-infested sites last
- Pour any extra water from the sampler onto the bridge instead of pouring water back into the stream.
- Soak equipment in pH 4 buffer solution
- If the equipment can handle it, it can be allowed to freeze between sites during winter sampling to kill AIS.
- Always verify methods with a project manager or supervisor.
- AIS awareness is very important – stay up-to-date on which waters are infested.
- There are 1,300 infested waters in the state of Minnesota.
- The Watershed Pollutant Load Monitoring Network has a permit to collect and transport samples from infested waters.
- Data Gathering and Submittal Tools
  - District staff discussed submittal of continuous monitoring data to WISKI and the use of GoCANVAS, EDGE (Earthsoft), ESRI Survey 123, or ArcGIS Collector data management applications with MPCA staff. These applications can reduce the time spent entering data and can help improve the consistency of data collection. Date and time values are automatic. Forms can be customized and can include drop-down selections.
  - The DNR has a culvert inventory mobile app (Culvert Inventory Application Suite).
  - Before submitting data to EQUIS, it helps to have someone else review the data (a fresh set of eyes) or to set it aside for a while before reviewing it yourself.
  - The MPCA uses WISKI to compile and correct their continuous water quality monitoring data now, instead of Aquarius.
- Laboratory Quality Control
  - A 1,000 ml bottle is now needed for total suspended solids analysis (the whole bottle is used for the test).
  - Mark “AIS” on the sample bottles that were collected from infested waters.
- **March 4, 2020** – Minnesota Board of Water and Soil Resources Northern Region Committee Meeting to review the Thief River Comprehensive Watershed Management Plan.
  - Peter Nelson of the Pennington SWCD gave a [presentation](#) to the group about the plan and the planning process.
  - There was discussion about what went well and about some of the challenges encountered during the process.

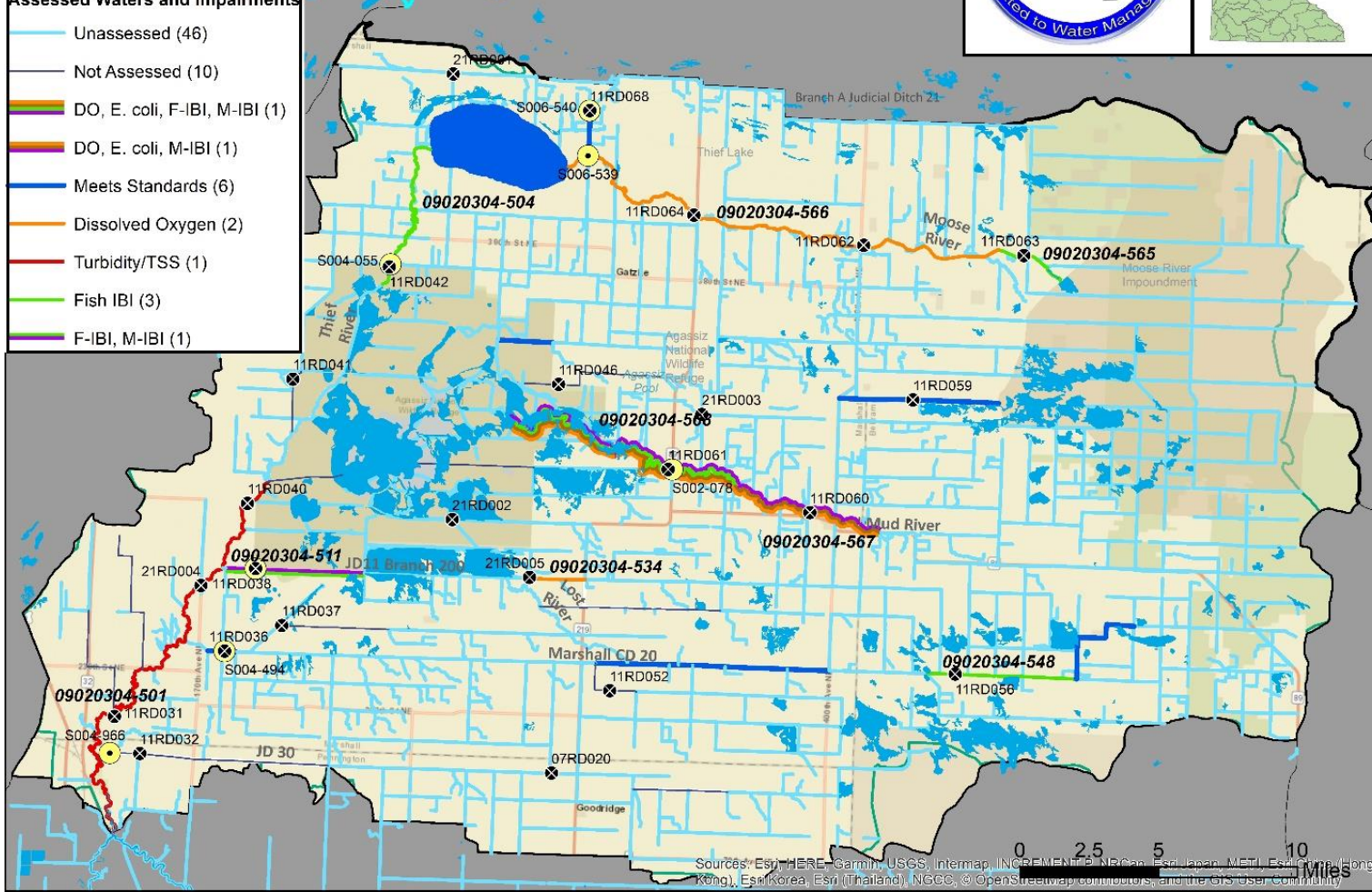
- BWSR staff and the committee determined that the plan, as submitted, meets BWSR states and requirements.
- A representative from the MPCA wanted some minor changes to the language, but the committee followed the advice of the local BWSR representative and local staff and did not make any changes to avoid fueling mistrust from landowners on the committees. Though there may have been an oversight in specifically naming the MPCA (because the focus was on naming local lead agencies and partners - it is a local plan) as a partner in some of the action tables, other language in Section 4 of the report opens the door to the inclusion of experts and representatives of state agencies.
- The MPCA representative noted that we appropriately applied water quality standards when identifying nearly impaired and barely impaired streams for prioritization.
- The committee voted in favor of recommending the plan for approval.
- **March 5, 2020** – River of Dreams classroom visit in Red Lake Falls
- **March 10, 2020** – MPCA Cycle II Intensive watershed Monitoring Kick-Off Meeting for the Thief River Watershed
  - District staff reviewed the monitoring plan and site locations to prepare for the meeting.
  - Intensive monitoring of the Thief River watershed by the MPCA (biological monitoring and Surface Water Assessment Grants for additional water chemistry sampling) will begin in 2021. Sampling for the Intensive Watershed Monitoring effort will occur in 2021 and 2022 in preparation for a formal assessment of water quality in 2023.
  - District staff had follow-up conversations with MPCA staff and will be submitting a monitoring request form for the watershed.
  - Continuous water quality and flow data from a previous study were found and shared with MPCA biological monitoring staff. District staff also provided MPCA staff with a LiDAR profile of Branch 200 of JD 11 upstream of Lost River Pool to show the influence of the pool upon flows in the ditch at the last road crossing (stagnant water).
  - In the screen shot below, the red Xs on the map correspond with the locations of the black lines and elevations shown on the Elevation Profile graph. There is a lot of variability in the LiDAR data, as you can see in the chart, but it shows that the drop in elevation between the 290th Ave NE crossing and the Lost Pool outlet is less than a foot of fall between 290th Ave NE and Lost River Pool. The lines that look like trees on the graph are road crossings (box culverts) and the Lost River Pool outlet (approximately 9 miles). The orientation of the graph is the opposite of the map (the east end is on the left and the west end is on the right).

# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

March 2020

- Legend**
- ⊗ Cycle II Bio Samples (24)
  - ⊙ Cycle II Water Chemistry (7)
  - Cycle II Lakes (1)
- Assessed Waters and Impairments**
- Unassessed (46)
  - Not Assessed (10)
  - DO, E. coli, F-IBI, M-IBI (1)
  - DO, E. coli, M-IBI (1)
  - Meets Standards (6)
  - Dissolved Oxygen (2)
  - Turbidity/TSS (1)
  - Fish IBI (3)
  - F-IBI, M-IBI (1)

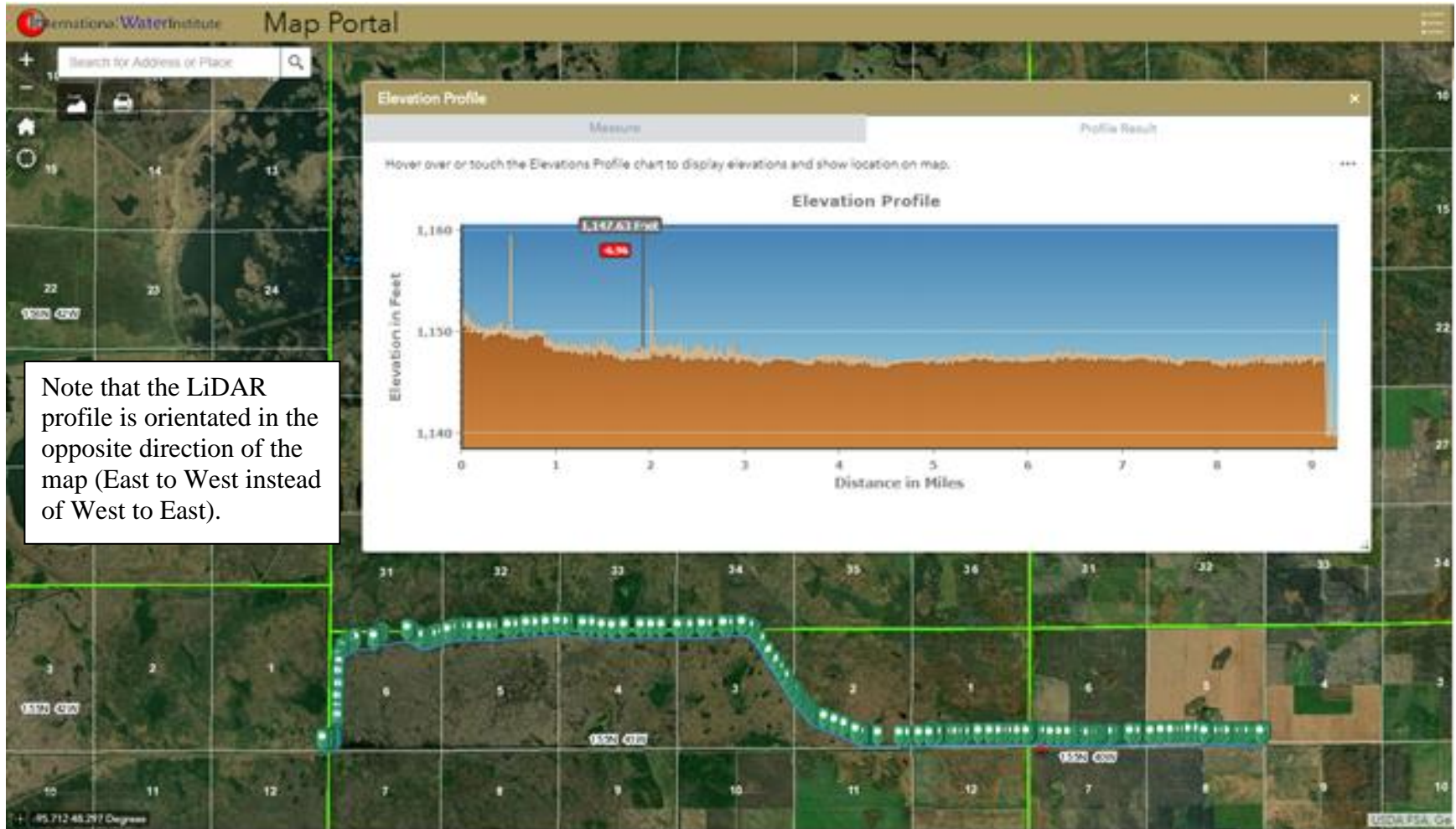
## Thief River Watershed Impaired Waterways and Proposed 2021-22 Cycle II Monitoring



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

# RED LAKE WATERSHED DISTRICT MONTHLY WATER QUALITY REPORT

March 2020



Note that the LiDAR profile is orientated in the opposite direction of the map (East to West instead of West to East).

- **March 10-11, 2020** – Red River Watershed Management Board and Flood Damage Reduction Workgroup Joint Meeting and Conference in Moorhead. Day 2 of the conference included presentations that pertained to water quality within the RLWD.
  - The Regional Conservation Partnership Program – Navigating Environmental and Economic Considerations in Watershed Planning (Dave Jones, NRCS)
    - \$300 million in new RCPP funding will be available (\$6 million/state) for critical conservation areas.
  - Integrating Agricultural and Natural Resource Objectives in the Yakima River Basin of Washington State – Lessons Learned (Andrew Graham, DNR Red River Basin Coordinator)
    - Collaboration was key in the restoration of Indian Creek, a community forest, and using surplus irrigation water to supplement stream flow.
  - Proposed Nutrient Objectives at the US Canada Border for the Red River (Jim Ziegler, MPCA)
    - A 2012 USGS study showed an increasing trend in nutrients.
    - The International Red River Board has recommended a concentration target of 0.15 g/L total phosphorus for the Red River near the US/Canada border for protection of the Red River. A annual loading target was also recommended for protection of Lake Winnipeg.
    - There is no timeline to achieve the goals. There will be continued monitoring and annual reports.
  - Red River Watershed Management Board (Rob Sip, RWMB) and Flood Damage Reduction Work Group (Dan Money and Theresa Ebbenga, FDR Work Group Co-Chairs) Updates
    - The Board approved water quality funding as it was proposed by the Red River Basin Monitoring Advisory Committee.
  - Managing Minnesota’s Transportation Assets for Flood Resiliency Under Changing Climatic Conditions (Jeff Meek and J.T. Anderson, MNDOT)
    - The climate has been shifting toward increased precipitation. Northwest Minnesota is still relatively dry.
    - MNDOT is approximately ½ done with an assessment of the vulnerability of infrastructure. Some techniques and guidelines for reducing flood damage to roads will be refined when the study is completed.
      - Geomorphic design approach for road crossings = relieved stress and improved floodplain connectivity using floodplain culverts.
      - In-slope paving to resist wave action (difficult to install with proper compaction)
      - In-slope rock rip-rap to resist wave action



- Partnering for Water Quality – Perspectives from Local Cities in the Red River Basin of MN (Brian Holmer, Mayor of Thief River Falls)
  - The city is working with the MPCA to reduce phosphorus using alternative strategies.
  - State Representative Dan Fabian co-authored a bill that requires the development of a water quality management plan for the Red River of the North (HF 4213). The bill appropriates \$500,000 in fiscal year 2021 to the commissioner of agriculture for a grant to the Red River Basin Commission to facilitate developing a phosphorus water quality plan for the Red River of the North. The plan:
    1. must address applicable water quality targets for phosphorus loading;
    2. must include and allocation of phosphorus between point and nonpoint sources (concentrations from point sources can be high, but annual loading and cost-effectiveness of implementation projects are much greater for nonpoint sources on a watershed scale);
    3. must identify cost-effective implementation strategies to reduce nutrients; and
    4. must include other state water quality goals and objectives.
    5. will be developed by an advisory group (representatives from Minnesota Agricultural Water Resources Center, Red River Watershed Management Board, agricultural groups, watershed districts, and cities within the Red River Basin).
    6. will be completed by December 31, 2024.
- Wildlife Benefits from the Burnham Creek Impoundment, a Multi-purpose Flood Control Project in Northwest MN – Lessons Learned (Dan Svedarsky, University of Minnesota Crookston)
  - The impoundment was constructed in response to overland flooding from the CD 140 drainage system.
  - The outlet of the impoundment flows north to Gentilly Creek and it reduces flooding in the Burnham Creek watershed.
  - There is some erosion in the drainage area of the impoundment that contributes some pollutants from overland runoff.
  - Sago pondweed is an example of an aquatic plant in this impoundment that is very good for wildlife.
  - Svedarsky listed design factors that worked well.
    1. Upland habitats adjacent to pools provide essential nesting and foraging habitats for aquatic as well as terrestrial birds. Cover planting mixtures were appropriate and are aesthetically pleasing and functional as nesting cover and foraging habitat.
    2. The presence of the Flood Pool close to the Wildlife Pool enhances the wildlife value of each.
    3. The large expanse of open water in the Flood Pool makes it attractive as a resting area for migratory birds.

4. Gradual sloping shorelines of the Flood Pool provide excellent foraging and loafing habitat for a variety of breeding and migrating aquatic birds, especially where fertile topsoil was flooded.
  5. Fluctuating water levels of the Flood Pool provide good shorebird foraging areas although on an unpredictable schedule depending on precipitation patterns.
  6. The sand/gravel spits with scattered rocks extending into the Flood Pool provide attractive loafing and/or foraging sites for waterfowl, shorebirds, terns, gulls, and cormorants.
  7. The presence of deeper water areas of the Flood Pool provides overwintering habitat for minnows serving as forage for mergansers, grebes, terns, Common Loons, Double-crested Cormorants, herons, and egrets.
  8. The positioning of the Flood Pool inflow channel close to the Outlet Structure probably reduces the turbidity of the Flood Pool more than if the inflow were at one end and the outflow at the other end. Turbidity is a critical factor affecting the productivity of submergent vegetation.
    - The University has experimented with mowing and harvesting cattails within the pools of the impoundment. Cattails are covering shallow wetlands and choking-out habitat that is important for waterfowl production. Canada has a head start ahead of the United States on cattail harvesting.
    - The original report from the 1992 study ([Biological Inventory of a Multi-Purpose Flood Control Impoundment in Northwest Minnesota and Potentials for Nongame Bird Management](#)) is available online.
- Brandt impoundment Spring 2019 Runoff event – Sediment and Nutrient Load Monitoring (Danni Halvorson, International Water Institute)
    - The early study (shortly before and after construction of the impoundment) did not reveal much of a difference in water quality from upstream of the impoundment to downstream.
    - Downstream samples for the 2019 study were collected right at the outlet of the impoundment.
    - Lots of total suspended solids concentrations that were too low to report (<1 mg/L) were recorded at the inlet to the impoundment in 2019.
    - Small reductions in phosphorus occurred at the outlet compared to the inlet. Nitrogen reductions were more significant. Total suspended solids concentrations slightly increased from the inlet to the outlet. Though they were more measurable than the concentrations at the inlet, they were still low.
    - There are plans for another round of monitoring in 2020.
  - Spring Flood – What’s the Status Now (Greg Gust, National Oceanic and Atmospheric Administration and National Weather Service)
    - Greg Gust gave a very educational presentation about the different factors that can influence snow melt. Forests have more sublimation, so trees will warm up faster than prairies as they capture heat in the early spring. In the late spring,

however, there is faster melting in prairie than in forests due to shading of the snow under trees.

- Because much corn was not harvestable last fall and was standing throughout the winter, there was less wind movement of snow. So, snow cover is more even this year. Snow melt has been slower where there was corn because it was holding more snow.
  - There is an [airborne snow survey website](#).
  - Citizens can help NOAA by using the [CRED website](#) to report river conditions (especially when they open up) and snowpack.
- **March 16, 2020** – RLWD Overall Advisory Committee Meeting
    - District staff gave a series of presentations that summarized work that was done in 2019 and what is planned for 2020.
    - There was additional questions and discussion about water levels, impoundment drawdowns, the 1W1P process, snow surveys, the Grand Marais Creek restoration projects, and a ditch upstream of the Moose River Impoundment.
    - The RLWD was appointed to be the fiscal agent.
    - Daren Carlson of the Marshall SWCD was appointed to be the plan coordinator.
    - The BWSR Board will meet next week to discuss/approve the plan.
    - The next meeting was planned to be held within the next 3 months, though that plan may change due to the ongoing pandemic. A cost-share policy will need to be established before we start spending money for agricultural practices.
  - **March 16, 2020** – Thief River One Watershed One Plan Policy Committee Meeting
    - There was discussion about the remaining budget for the project. The unused portion that had been allocated to Marshall County will be moved to cover part of the extra time that was spent on the project by the RLWD and the Pennington SWCD.
    - There was discussion of by-laws.
    - Meeting notices will be posted on the RLWD website.
  - **March 19, 2020** – Discussion with MPCA staff about biological monitoring sites in the Thief River watershed.
  - **March 19, 2020** – Red Lake River One Watershed One Plan Planning Work Group conference call
    - Discussion of Ag water Quality Program and incentive amounts. The incentive for going through an assessment was increased.
    - Project tracking database discussion
      - Completed Clean Water Fund projects (those recorded in eLink) are mapped in a GIS layer.
    - LGU workplan budgets

- The budget for the Demarais-Hanson ditch outlet stabilization project was moved to the budget for the RLWD.
- Discussion of the Red River Watershed Management Board funding for water quality projects
  - It could be used to provide local match.
  - The money can only go to member watershed districts, though the watershed districts can subcontract with SWCDs.

In-person meetings in the last two weeks of March and beyond were canceled due to the coronavirus pandemic. Canceled meetings/events included a Bartlett Lake Management Plan meeting, Envirothon competitions, Water Resource Advisory Committee meetings, and an RLWD Board Meeting.

- **March 25, 2020** – Clearwater River Watershed One Watershed One Plan conference call
- **March 25, 2020** – Governor Walz’s Emergency Executive Order 20-20 was announced:
  - Beginning on Friday, March 27, 2020 at 11:59 pm through Friday, April 10, 2020 at 5:00 pm, all persons currently living within the State of Minnesota are ordered to stay at home or in their place of residence except to engage in the Activities and Critical Sector work set forth below in Paragraphs 5 and 6.
  - In response to this Executive Order, the District office was closed to the public and employees began working from home to continue. The essential field work of monitoring flood conditions and operating impoundments continued. Much of the day-to-day work of the district staff has been able to continue during the period of working remotely, like data management, report writing, project development, and even (remote) meetings.
- **March 31, 2020** – Black River Impoundment Skype meeting with District staff, engineering staff, and MPCA staff to discuss 401 Certification for the project
  - Under Section 401 of the Clean Water Act, some projects need to obtain certification from the state that the discharge complies with applicable water quality standards. The original language of Section 401 focused on protecting waters from discharges from projects (point sources, in particular). More aggressive rules have been put in place to expand the 401 Certification to protect wetlands. The MPCA passed a new rule in 2016 that gave the agency more jurisdiction under Section 401 but did not inform regional MPCA staff that represent the agency on project teams until March 2020. The Black River Impoundment had already gone through a long period of project planning (involving a project work team that included regional MPCA staff). The MPCA Section 401 staff from St. Paul entered the process late in the process, after the other known permitting boxes for the Clean Water Act and the Wetland Conservation Act had been checked.
  - There was a surprising lack of concern about downstream water quality from the St. Paul MPCA staff. Their focus, during the call, was on additional wetland mitigation for incidental wetlands and wetlands near the ditch improvements (lateral effect). The

conversation focused on those wetlands and intermittent ditches that will not be assessed by aquatic life use water quality standards.

- As for the downstream effects in assessed waters, it is anticipated that sediment loading would be reduced. It is anticipated that extended flows would improve dissolved oxygen levels in the Black River by reducing the amount of time that the river is stagnant. There has been long-term water quality monitoring upstream and downstream of the project area along the Black River. Sediment loading reductions are an anticipated outcome of reduced peak flows along the Black River channel, buffer establishment along diversion ditches, side water inlet installation along diversion ditches, and sedimentation within the impoundment.
- There is a significant amount of pre-project data along the Black River than can be compared to post-project data, with the caveat that there are other variables that can influence water quality besides this project. The Pennington County SWCD collects monthly samples at S003-943 (140th St. SW on AUID 09020303-557) and S003-948 (120th St. NW on AUID 09020303-557). The Red Lake Watershed District collects at least four sets of water quality samples each year at S002-132 (CSAH 18 on 09020303-529).

Red Lake Watershed District Monthly Water Quality Reports are available online:  
<http://www.redlakewatershed.org/monthwq.html>.

Learn more about the Red Lake Watershed District at [www.redlakewatershed.org](http://www.redlakewatershed.org).

Learn more about the watershed in which you live (Red Lake River, Thief River, Clearwater River, Grand Marais Creek, or Upper/Lower Red Lakes) at [www.rlwdwatersheds.org](http://www.rlwdwatersheds.org).

“Like” the Red Lake Watershed District on [Facebook](#) to stay up-to-date on RLWD reports and activities.