

RED LAKE WATERSHED DISTRICT

October 8, 2020

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	September 24, 2020 Minutes	Action
	Financial Report dated October 7, 2020	Action
9:05 a.m.	Brandt Impoundment, RLWD Project 60D Ron Salentine Flowage Easement	Info./Action
9:15 a.m.	RLWD Permit No. 20052, Tim Chaput	Information
	Black River Impoundment, RLWD Project No. 176 NRCS Grant	Information Action
	Ditch 16, RLWD Project No. 177-Pay Estimate No. 9	Action
	Thief River Falls Westside FDR Project, RLWD Project No. 178 Pay Estimate No. 11 Change Order No. 6-Amend	Information Action Action
	Thief River Falls Oxbow Restoration Project, RLWD Project No. 46Q RRWMB Grant Application	Action
	BR6-Burnham Creek, RLWD Proj. No. 43A Outlet Structure	Information
	JD 72, RLWD Project No. 41-Redetermination of Benefits	Information
	Clearwater River 1W1P, RLWD Project No. 149B Policy Committee Advisory Committee	Info./Action
	Amend Permit No. 20225, Edgar Miller	Action
	Permits: No. 20214, 20231-20235, 20237, 20240-20250, 20253	Action
	November 26, 2020 Board Meeting	Action
	Letter of Resignation-Dave Marshall	Info./Action

Administrators Update	Information
Legal Counsel Update Ditch 17, Imp. to Polk County Ditch 39, RLWD Project No. 179	Information
Managers' updates	Information
Adjourn	Action

UPCOMING MEETINGS

October 20, 2020	RRWMB Meeting, Ada, 10:00 a.m.
October 22, 2020	RLWD Board Meeting, 9:00 a.m.
November 11, 2020	Office Closed Veterans Day
November 12, 2020	RLWD Board Meeting, 9:00 a.m.

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
September 24, 2020

DRAFT

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

Present in person: Dale M. Nelson, Gene Tiedemann, Terry Sorenson, Allan Page, LeRoy Ose, Brian Dwight, and Les Torgerson. Staff Present: Myron Jesme and Arlene Novak and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. President Nelson requested to add RLWD Permit No. 20238, Mike Gasper, to the agenda. Motion by Tiedemann, seconded by Ose, and passed by unanimous vote that the Board approve the agenda with the addition of RLWD Permit No. 20238. Motion carried.

The Board reviewed the September 10, 2020 minutes. Motion by Torgerson, seconded by Ose, to approve the September 10, 2020 Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated September 23, 2020. Motion by Sorenson, seconded by Dwight, and passed by unanimous vote to approve the Financial Report dated September 23, 2020. Administrator Jesme presented an additional invoice from Pribula Engineering, PLLC, to be added to the financial report in the amount of \$21,600.00. Motion by Tiedemann, seconded by Ose, to approve payment of Pribula Engineering, LLC, as presented. Motion carried.

Staff member Arlene Novak reviewed the Investment Summary as of September 23, 2020. Novak stated a \$200,000 CD in the CDARS program at Unity Bank is scheduled to mature on October 1, 2020. Novak presented an interest rate quote for both, the CDARS program and Unity Bank, as well as the interest rate currently receiving at American Federal Bank, Fosston. Motion by Sorenson, seconded by Tiedemann, and passed unanimously to invest the maturing CD into American Federal Bank, Fosston.

Engineer Jacob Huwe, HDR Engineering, Inc., and Administrator Jesme, presented the solo bid from Swingen Const. Co., Grand Forks, ND, in the amount of \$148,400.00 for the Burnham Creek-BR-6 Wildlife Pool Structure Replacement. The bid had been opened on September 22, 2020 at 9:30 a.m. at the Red Lake Watershed District office. Motion by Page, seconded by Dwight to accept the bid from Swingen Const. Co., Grand Forks, ND in the amount of \$148,400 for the construction of the Burnham Creek-BR-6 Wildlife Pool Structure Replacement. Motion carried.

Administrator Jesme informed the Board that the Black River Impoundment Project had received a \$3M grant from the USDA as part of their Regional Conservation Partnership Program (RCPP). President Nelson asked if there is Board interest in touring the Black River Impoundment area. Since there was an interest, Manager Nelson will arrange for a bus tour in

the near future. The land use and rental rates for 2021 was discussed. Administrator Jesme is to contact current renter, Nick Knott, to discuss the construction to and rental for the 2021 crop year. After discussion on crop damage, staking of the property, and 2021 rental rates, a motion by Tiedemann, seconded by Page, to grant permission to Administrator Jesme to offer the same rental rate as 2020 for the 2021 crop year to current renter, Nick Knott. Motion carried.

Geotechnical quotes for the Black River Impoundment had been received by Northern Technologies, LLC, \$10,710.00; Terracon, \$17,422.00; and Braun Intertec, \$29,2020.00. Following discussion of the quotes received, a motion was made by Torgerson, seconded by Dwight to approve accepting the low quote of \$10,710.00 from Northern Technologies, LLC for geotechnical services at Black River Impoundment. Motion carried.

Engineer Tony Nordby presented a proposal from Red Lake Electric Cooperative (RLEC) on the power lines within the Black River Impoundment. To sum up various costs, RLEC estimated replacement of existing overhead lines plus factoring in depreciation of existing poles to total \$102,000. However, if the District would be willing to cost share in installing underground versus overhead, RLEC estimated the cost to put it all in underground and moving some random poles to be \$288,000.00 but was willing to split the costs with the District. Max cost to the District would be \$144,000.00. If the project costs over \$288,000.00 RLEC will cover those costs, if its less, we will split the cost. Motion by Dwight, seconded by Ose, to approve the Red Lake Electric Cooperative cost share proposal up to a maximum of \$144,000 to move random poles and bury electrical power lines within the Black River Impoundment area. Motion carried.

The Board reviewed Pay Estimate No. 8 in the amount of \$190,095.65 to Burski Excavating, Inc. for construction of RLWD Ditch 16, RLWD Project No. 177. Motion by Ose, seconded by Tiedemann, to approve Pay Estimate No. 8 for \$190,095.65 to Burski Excavating, Inc. for Ditch 16, RLWD Project No. 177. Motion carried. Administrator Jesme gave a construction update of the project and stated that the contractor had completed the project through Mr. Mark Holy's area and were progressing quite well.

The Board reviewed Pay Estimate No. 10 in the amount of \$255,969.62 to R.J. Zavoral and Sons, Inc. (Zavoral) for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Following the September 10, 2020 Board meeting, Engineer Nate Dalager, HDR Engineering, Inc., submitted the response to R.J. Zavoral & Sons, Inc.'s July 14, 2020 request for a contract extension stating the Board had denied their request and cited a summary description of substantial completion of work items. Dalager stated by October 10, 2020, the project should be substantially completed. President Nelson stated that he had received phone calls regarding water backup and had reached out to Engineer Dalager. City of Thief River Falls Water Systems, Superintendent Wayne Johnson, stated that there had been a cattail plug and that was corrected. Engineer Dalager stated the outlet needs to be done by October 10, 2020. After October 10, technically the Board could impose penalties. Wayne Johnson stated that they have 2 discharges usually completed by end of Fall. First discharge was completed on Wednesday, September 23, 2020, and the second discharge is still planned. The Force Main is just about complete, still need to do pressure testing. The storm sewer is currently being installed. Motion by Ose, seconded by Sorenson, to approve Pay Estimate No. 10 in the

amount of \$255,535.60 to R.J. Zavoral and Sons, Inc., for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Motion carried.

Administrator Jesme informed the Board that the FEMA grant extension for RLWD Ditch 10, RLWD Proj. 161, submitted by Christina Slowinski, was approved by FEMA. Based on the approved extension, the grant deadline is now September 30, 2021. Red Lake River 1W1P, FEMA grant and RLWD Proj. 164, Streambank Erosion Project, funds are being used for the repairs to this project.

At 9:30 a.m. President Nelson stated that the bid opening for the construction of the Black River Impoundment, RLWD Project 176, would be conducted. Legal Counsel Sparby noted the time and that no further bid proposals would be accepted after the 9:30 a.m. bid submittal deadline. Bids were opened and bid amounts were publicly announced and are on file at the District office. The following bids were received: Red Lake Builders, Red Lake, MN, \$6,340,822.03; Gladen Construction, Laporte, MN, \$7,725,271.09; R.J. Zavoral & Sons, Inc., East Grand Forks, MN, \$4,374,457.66; Kern & Tabery, Inc., Wadena, MN, \$5,424,009.90; and Park Construction, Minneapolis, \$7,908,449.39. Motion by Ose, seconded by Tiedemann, and passed by unanimous vote to accept the apparent low bid from R.J. Zavoral & Sons, Inc, in the amount of \$4,374,457.66 for construction of Black River Impoundment Project, RLWD Proj. 176, contingent upon the review of the bid documents and approval by Legal Counsel Sparby, District Staff, and Project Engineer Tony Nordby, Houston Engineering, Inc.

Discussion was held of the Pine Lake Project Work Team (PWT) meeting held on Friday, September 18, 2020, at the Red Lake Watershed District office. The consensus of the PWT was to move forward with the concept presented and present their recommendations to the RLWD Board. Following discussion of the concept from the Pine Lake PWT, Torgerson moved to establish Pine Lake as a project and move forward with the design. Motion was seconded by Sorenson and unanimously passed. Watershed district should continue to monitor the Lost River, as well as the water quality and water temperature.

Staff member Nick Olson gave an update on the Moose River pool. There is a Minnesota Department of Natural Resources Conservation Partners Legacy Grant which was awarded in partnership with the RLWD and Agassiz National Wildlife Refuge to complete the work within the Agassiz NWR. Construction was to be completed last Fall but due to large rainfall events, construction was delayed until this Fall. The project is scheduled to begin the first part of October. The gates at Moose River have been closed and water has moved from the North Pool to the South Pool, which will allow better working conditions for the contractor.

Administrator Jesme gave an update on the JD 72, RLWD Project 41, Redetermination of Benefits. Due to the fact that there is considerable work yet to be completed, the hearing tentatively scheduled in October has been postponed. The question was raised as to what legal counsel should be used. In response, the Board stated Polk County would be legal counsel for Polk County 61, and the RLWD would be for JD 72.

A report was presented on JD 4, RLWD Project 101, by Staff member Christina Slowinski. Slowinski stated the last maintenance completed on the system was cattail spraying in 2015. She went onto explain various deficiencies she and Nick Olson had observed upon their inspection of the system. It appeared that a four-wheeler trail/dike had been constructed across a portion of the drainage system and by utilizing Google maps along with windshield inspection, it appeared there are approximately 20+ beaver dams in the system. Slowinski's recommendation was to hold a landowner meeting to discuss the present condition of the ditch system and to share with them the maintenance that may have to be had as well as hearing of any damages that may be occurring to lands benefitted by the system. After considerable discussion by the Board, the consensus was to hold a landowner meeting this coming winter and get input from the landowners and their direction on future maintenance on the system.

Legal Counsel Delray Sparby gave a legal update on RLWD Ditch 17, RLWD Proj. 179.

Additional discussion on Thief River Westside FDR, RLWD Proj. 178, construction was held. Pennington County asked to do a change order for the culvert on County Ditch 61, a change order was completed and approved by the Board, but Zavorals have not signed the \$39,000 change order due to the fact they did not want the work days for that structure to be held against them. Dave Zavoral had asked if he should attend the next Board meeting. Administrator Jesme stated there is considerable work to be completed by next Board meeting but the hopes are the project will be substantially completed by that time.

Red Lake SWCD has requested 2020 Project 164, Erosion Control Funds, for the following individual projects:

The total cost for the Ray Delorme Grade Stabilization Project is \$7,335.59 with a request from RLWD for \$1,000 cost share for the Project. Motion by Page, seconded by Ose, and passed unanimously to approve the cost share of \$1,000 to Red Lake SWCD for the Ray Delorme project.

The total cost for the Dave Ste Marie Grade Stabilization Project is \$10,921.43 with a request from RLWD for \$1,630.00 cost share for the Project. Motion by Page, seconded by Dwight, and passed unanimously to approve the cost share of \$1,630.00 to Red Lake SWCD for the Dave Ste Marie project.

The total cost for the Ralph Perreault, Gervais Township, Grade Stabilization Project is \$12,621.12 with a request from RLWD for \$7,521.00 cost share for the Project. Motion by Page, seconded by Tiedemann, and passed unanimously to approve the cost share of \$7,521.00 to Red Lake SWCD for the Ralph Perrault project.

Staff member Nick Olson discussed presented permit No. 20-052, Tim Chaput, to the Board for discussion. Mr. Chaput had applied to clean the road ditch to improve drainage to the East. Mr. Chaput's claim was the water drained to the west prior to Red Lake County's road improvement in 2001. At that time, he claimed there had been a culvert in his crossing that let water go west. Olson stated that Red Lake County's Road Plan from 2001 called for a culvert in the now dry

crossing, thus letting water go west and not east. Olson had stated to Mr. Chaput that if a culvert was found in the crossing, the permit would be approved to replace the culvert thus allowing the water to go west as no permit is on record at the District to bury the existing culvert if there indeed is one, in accordance with Red Lake County's 2001 road plan. Consensus of the Board to allow Mr. Chaput to drain west should he find a culvert.

The Board reviewed the permits for approval. Motion by Ose, seconded by Tiedemann, to approve the following permits with conditions stated on the permit: No. 20-188, Monte Casavan, Red Lake Falls Township, Red Lake; No. 20-205, Pennington County Highway Department, Star Township, Pennington County; No. 20-209, Willis R. Ihrke, Columbia Township, Polk County; No. 20-212, Delores V. Schulz, Belgium Township, Polk County; No. 20-218, John Swanson, Grove Park Township, Polk County; No. 20-219, Gary Grove, Gervais Township, Red Lake County; No. 20-220, Daniel S. Wichterman; Gervais Township, Red Lake County; No. 20-221, Dallas Stine, Gully Township, Polk County; No. 20-222, Donald Stenberg, Garnes Township, Red Lake County; No. 20-223; Minnesota Department of Transportation, Huntsville Township, Polk County; No. 20-224. Kertsonville Township, Polk County; No. 20-225, Edgar Miller; Reiner Township, Pennington County; No. 20-226, John Garry, Euclid Township, Polk County; No. 20-227, Earl Pederson, Badger Township, Polk County; No. 20-228, Dale Furuseth, Sanders Township, Pennington County; No. 20-229, Grant Asp, Norden Township, Pennington County; No. 20-230, Douglas Peterson, Sullivan Township, Polk County; and No. 20-239, Michael Gasper, Euclid Township, Polk County. Motion carried.

Michael Gasper, RLWD Permit No. 20-238, Euclid Township, Polk County, tile permit was presented to the Board for discussion. Following considerable discussion, motion by Tiedemann, seconded by Ose, and unanimously passed to approve RLWD Permit No. 20-238, with conditions stated on permit.

Administrator Jesme stated he did not have a report for the Board.

Legal Counsel Sparby updated the Board on the Notice of Appeal for RLWD Ditch No. 17, RLWD Project No. 179.

In Managers' updates, Tiedemann inquired about Burnham Creek discussion that previously was had with Jerome Simmons and Robin Brekken. Torgerson asked if there was a record of operations on Little Pine Lake to which Administrator Jesme stated that staff member Dave Marshall is monitoring it and it is currently at winter level. The status of the floating bogs on Little Pine Lake was asked by Nelson.

Motion by Sorenson, seconded by Torgerson, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for October 7, 2020

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,287.97
online	MN Department of Revenue	Withholding taxes	770.61
online	Public Employees Retirement Assn.	PERA	2,692.57
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	175.20
38442	Burski Excavating, Inc.	Pay estimate #8, RLWD Ditch 16	190,095.65
38443	Pribula Engineering, PLLC	Engineering fees for Ditch 16 and SWI Engineering (Proj. 49)	21,600.00
38444	RJ Zavoral & Sons, Inc.	Pay estimate #10, TRF Westside FDR	255,969.62
38445	Tammy Audette	Mow lawn in Aug. & Sept. (\$355) & clean office Sept.(\$360)	715.00
38446	City of Thief River Falls	Electricity, water, sewer, etc.	597.38
38447	Clean Cut Maintenance	* See below for ditch systems mowed	13,580.00
38448	Delta Dental	Dental insurance premium	529.20
38449	Les's Sanitation Inc.	Garbage pickup	59.90
38450	Marco	Monthly copier maintenance	124.48
38451	MN Energy Resources Corp.	Heating expense	20.00
38452	NCPERS Group Life Ins.	Life insurance premium	128.00
38453	Northwest Beverage, Inc.	H2O for office	39.75
38454	Oil Boyz Express Lube	Oil change on 2015 Ford pickup	70.20
38455	Pitney Bowes Global Financial	Postage meter rental	84.00
38456	Purchase Power	Postage	301.50
38457	Rinke Noonan	Monthly legal services retainer	200.00
38458	RMB Environmental Laboratories	Lab analysis of water quality samples	4,022.00
38459	Sjoberg's Cable TV	Internet expense	106.95
38460	Speedee Delivery	Overnight delivery of water quality samples	17.21
38461	Stanley Farms, Inc.	Mow RLWD Ditch 9, Proj. 39	350.00
38462	TD Ameritrade Trust Company	Deferred Compensation	618.74
38463	Thibert Chevrolet & Buick Co.	Clean air filter sensor and air intake-2019 Chev. Pickup	129.94
38464	Gene Tiedemann	Mileage	270.26
38465	Thief River Ford	Oil change and tire rotation-2011 Ford pickup	83.41
38466	Thief River Falls Times	Legal ad for bid opening-Black River Impoundment	223.30
38467	TrueNorth Steel	Culvert for RLWD Ditch No. 7 & 1 (Proj. 20 & 5)	4,122.80
online	Blue Cross Blue Shield	Health Insurance premium	5,661.50
online	Further	Medical FSA	53.74
direct	Brian Dwight	Mileage	324.30
direct	Terry Sorenson	Mileage	129.39
	Payroll		
	Check #12057-12067		14,483.89
	Total Checks		<u>\$ 522,638.46</u>

***Clean Cut Maintenance**

Proj. 53	Krostue Petition	1,920.00
Proj. 119	Polk County Ditches Improv	8,540.00
Proj. 134	Polk Co. Dt. 63 Improv.	1,680.00
Proj. 135	Polk Co. Dt. 33 Improv.	<u>1,440.00</u>
Total		13,580.00

Banking

Northern State Bank

Balance as of September 23, 2020	\$ 45,506.35
Total Checks Written	(522,638.46)
Receipt #989828 Transfer in from American Federal Bank	500,000.00
Receipt #989830 Northern State Bank-Monthly interest	64.72
Receipt #989837 Transfer in from American Federal Bank	500,000.00
Balance as of October 7, 2020	<u>\$ 522,932.61</u>

Current interest rate is .20%

American Federal Bank-Fosston

Balance as of September 23, 2020	\$ 3,613,189.47
Receipt #989828 Transfer to Northern State Bank	(500,000.00)
Receipt #989829 Marshall County-State Ditch 83 special assessments	557.74
Receipt #989831 American Federal Bank-Monthly interest	2,212.53
Receipt #989832 Loren/Marjean Sanderson-Reimburse for health and dental insurance	761.45
Receipt #989833 City of Crookston-Purchase .074 wetland credits @ \$14,000 & banking fee	1,112.00
Receipt #989834 Unity Bank (CDARS)-Monthly interest on CD	411.37
Receipt #989835 Unity Bank (CDARS)-Matured CD	200,000.00
Receipt #989836 Rinke-Noonan-Reimburse for HDR Legal fees for TRF Westside, Proj. 178	4,140.00
Receipt #989837 Transfer to Northern State Bank	(500,000.00)
Balance as of October 7, 2020	<u>\$ 2,822,384.56</u>

Current interest rate is .75%

RON SALENTINE
EASEMENT FOR BRANDT
IMPOUNDMENT IN
SECTION 8 T152 R46



110th ST. SW

AREA BETWEEN THE 916 EASEMENT
AND THE 917 CONTOUR CALCULATIONS
TOTAL 9.64 ACRES
AG LAND 4.87 ACRES
NON-AG LAND 4.77 ACRES

PROPOSED BERM
AT ELEV. 917.5

9.64 ACRES BETWEEN THE
916 CONTOUR EASEMENT
AND THE 917 CONTOUR

917 CONTOUR

250th AVE. SW

PROPOSED BERM
AT ELEV. 917.5

SEC 7
BELGIUM TWP
T152N, R46W

SEC 8
BELGIUM TWP
T152N, R46W

NOTE:
THE ORIGINAL EASEMENT ELEVATION WAS BASE
ON THE NGVD 29 ELEVATION ADJUSTMENT. THE
CURRENT ELEVATIONS SHOWN ARE BASE ON THE
NAVD 88 ADJUSTMENT.
THE DIFFERENCE BETWEEN THE TWO DATUMS IS
1.01 FEET BASED ON THE BENCHMARK IN THE
NORTHWEST CORNER OF THE SUBJECT PROPERTY.

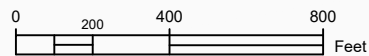


EXHIBIT A

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Administrator Jesme stated he did not have a report for the Board.

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Motion by Sorenson, seconded by Torgerson, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

Chaput



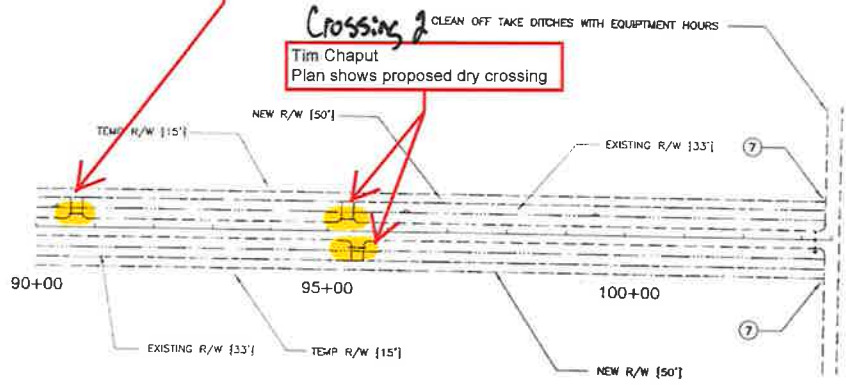
RL Co 2001 Road Plan

Crossing 1

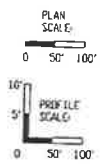
Tim Chaput (Driveway in question for 2020 permit)
Plan shows install 18" pipe

Crossing 2

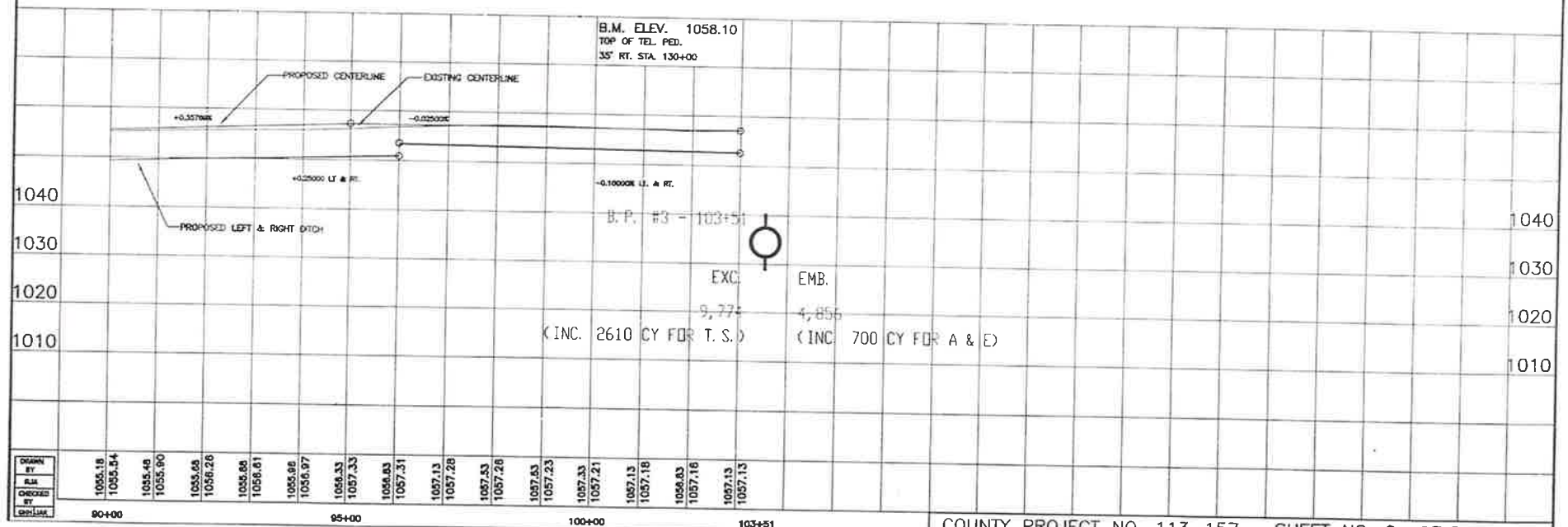
Tim Chaput
Plan shows proposed dry crossing



END PROJECT C.P. 113-157
STA. 103+51



C.R. 113



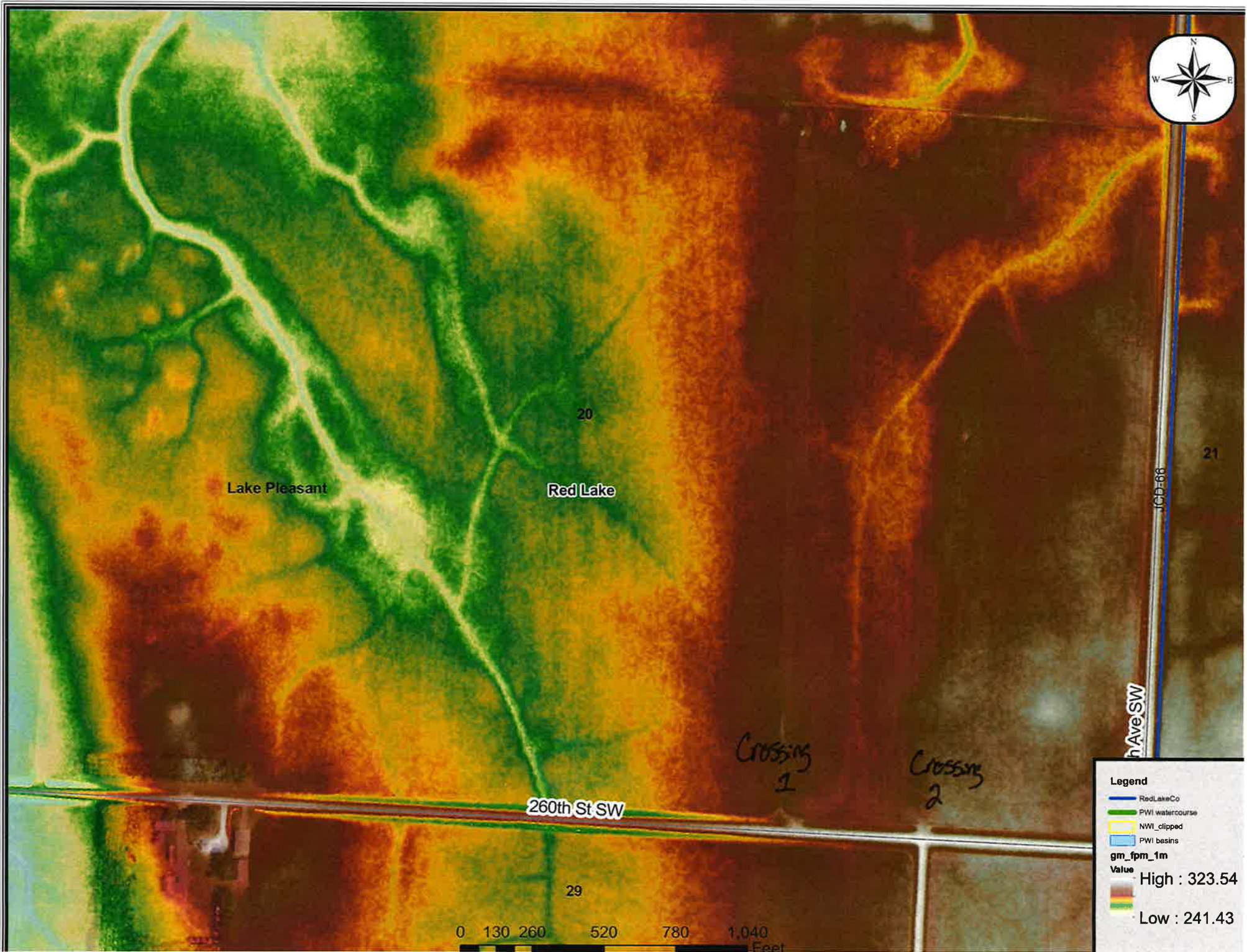
DRAWN BY	1055.18
REA	1055.54
CHECKED BY	1055.49
DATE	1055.90

90+00	95+00	100+00	103+51
1055.18	1056.33	1057.53	1057.13
1055.54	1057.33	1057.23	1057.18
1055.49	1058.83	1057.53	1056.83
1055.90	1057.31	1057.26	1057.16
1055.65	1057.13	1057.53	1057.13
1055.26	1057.28	1057.26	1057.13
1055.86	1057.53	1057.53	1057.13
1055.61	1057.26	1057.23	1057.13
1055.96	1057.53	1057.23	1057.13
1055.97	1057.33	1057.21	1057.13

Crossing 1 - Culvert found buried - 18" Dia.

9.25.20 - On Site - Al Page - Tim Chaput - Jeremy Bradt -
Nick Olsen





Lake Pleasant

Red Lake

20

21

10th Ave SW

Crossing 1

Crossing 2

260th St SW

29

0 130 260 520 780 1,040 Feet

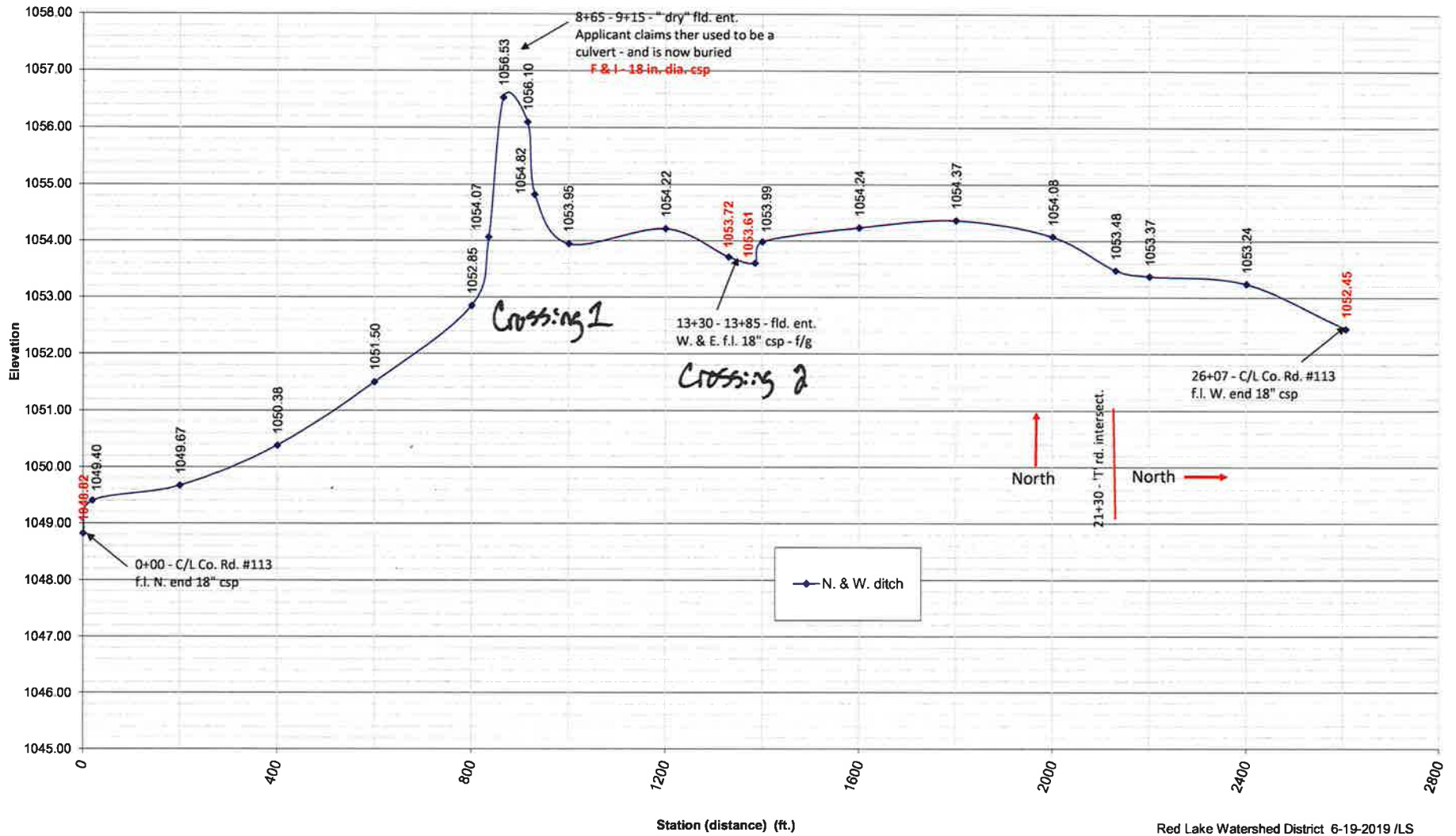
Legend

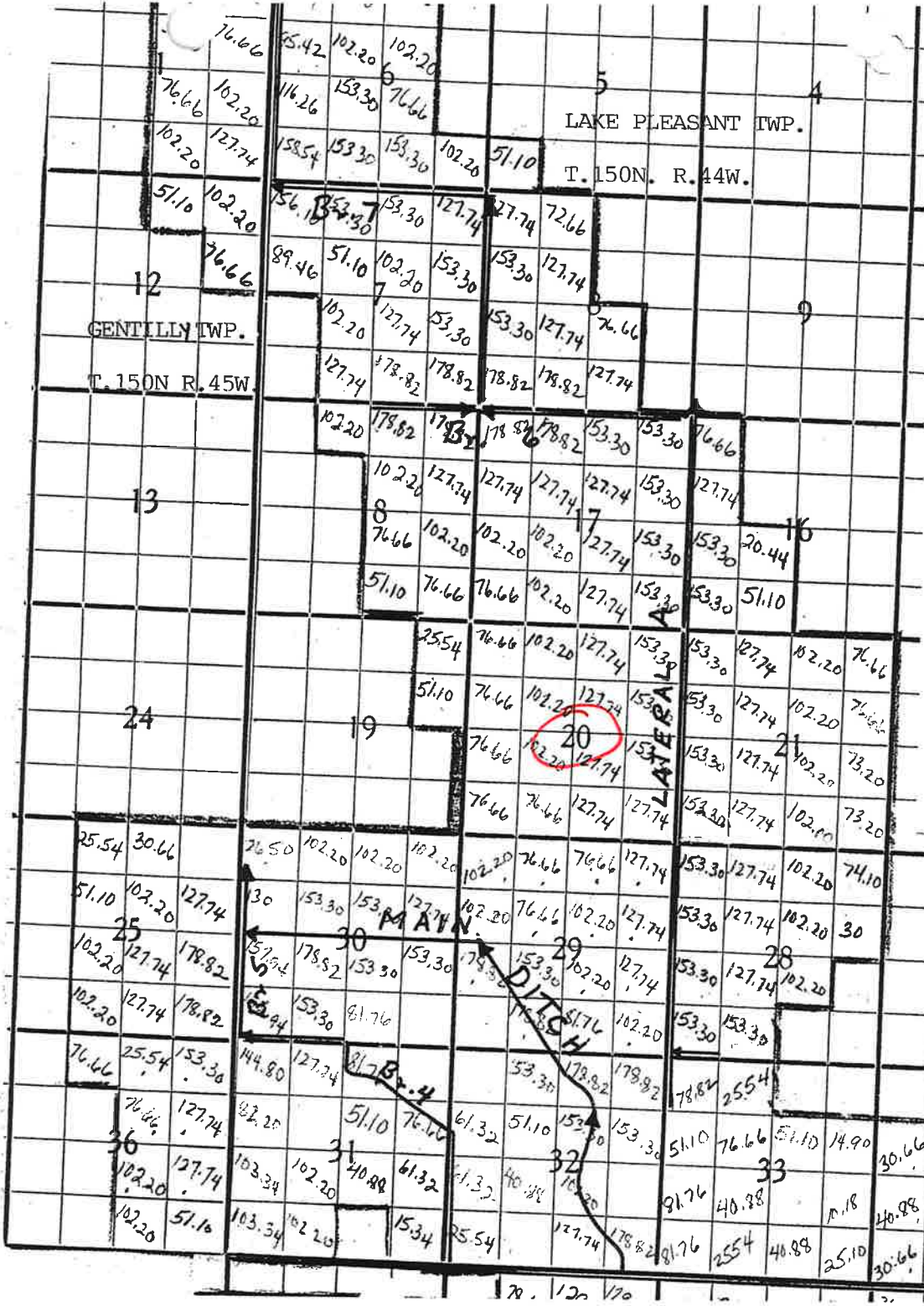
- RedLakeCo
- PWI watercourse
- NWL_clipped
- PWI basins
- gm_fpm_1m

Value

- High : 323.54
- Low : 241.43

Tim Chaput - Permit #190?? - Co. Rd. #113
 Red Lk. Co. - Lk. Pleasant Twp. - sec. 20





JOINT COUNTY DITCH # 66

BENEFITED AREA MAP 1917

TOTAL BENEFITS DETERMINED \$75,641.62

ACRES BENEFITED 21,686

LAKE PLEASANT TWP. \$10,690

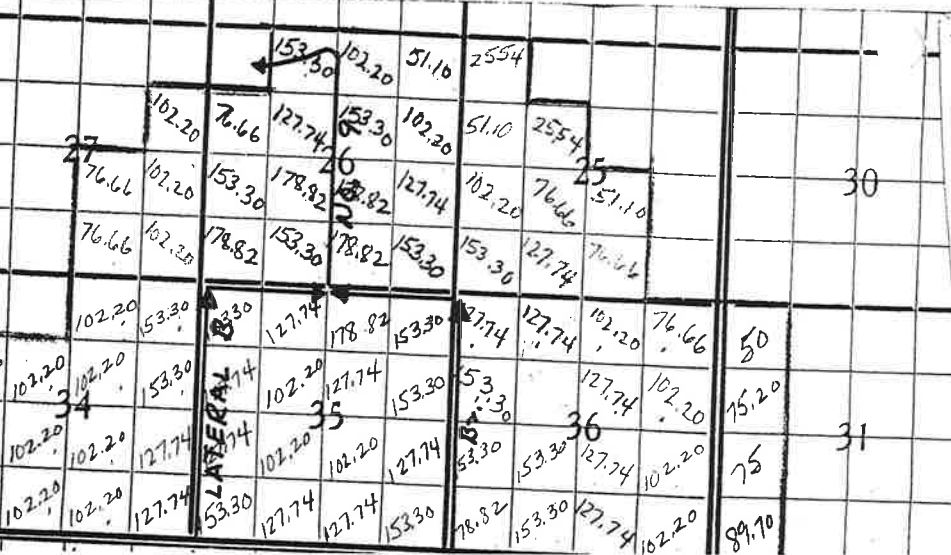
TILDEN TWP. \$6,200

RED LAKE CO. 54.74%

POLK CO. 45.26%

RED LAKE CO. side

POLK COUNTY PAGE 3

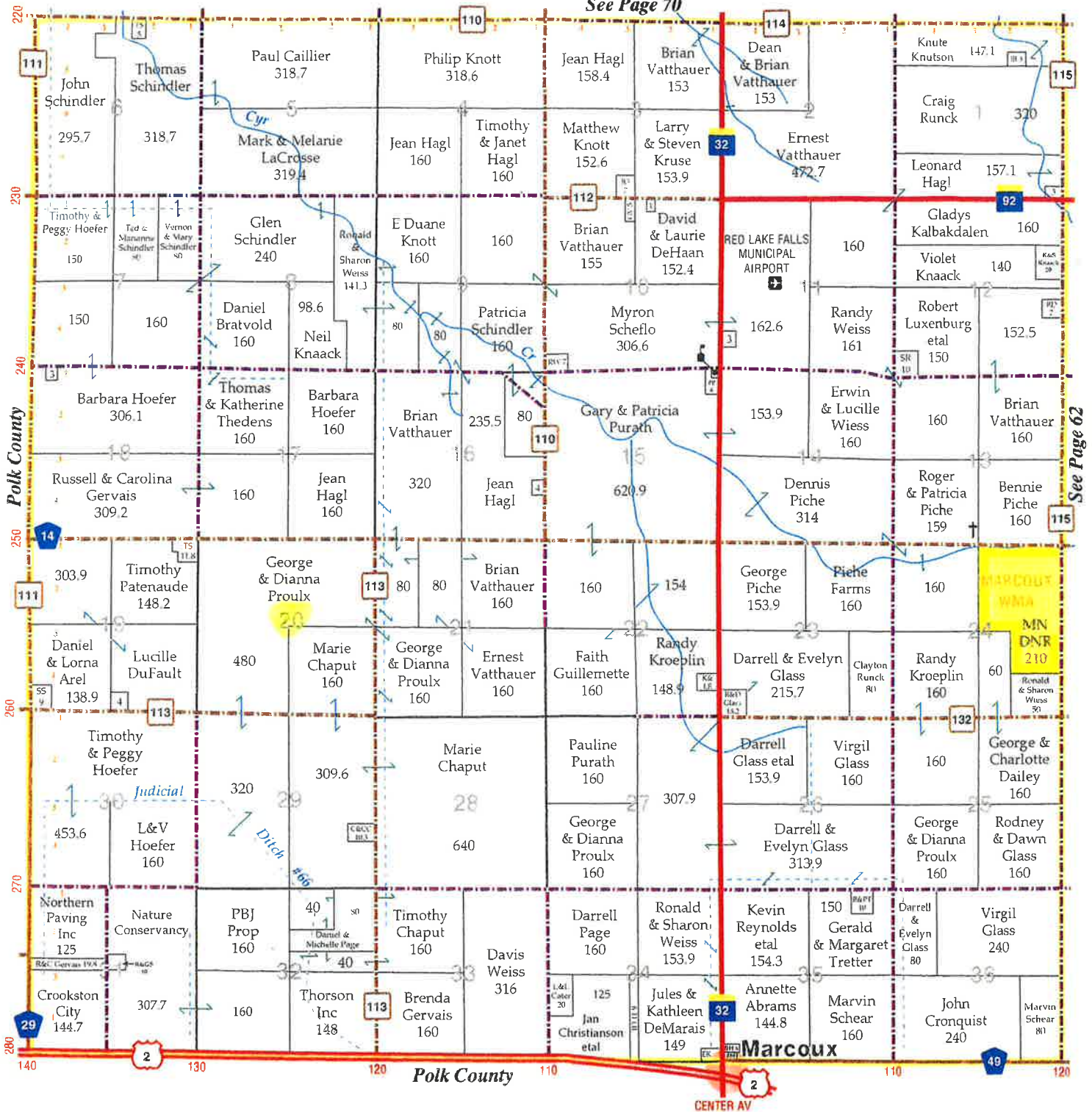


1. Lake Pleasant

T.150N. - R.44W.

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See Page 70



Red Lake, MN

60

Lambert Insurance

HEALTH • LIFE • ANNUITIES • DISABILITY

218-253-4330 • 1-888-321-4330

P.O. Box 459 • Park Place Mall • Red Lake Falls, MN 56750

RED LAKE WATERSHED DISTRICT
Application for Payment
Estimate of Work Completed

ESTIMATE NUMBER: 9
 PROJECT NAME: RLWD Ditch 16
 OWNER: Red Lake Watershed District
 CONTRACT AMOUNT: \$1,572,196.70
 CONTRACTOR: Burski Excavating, Inc.

DATE: 10/7/2020
 PROJECT NUMBER: 177
 CONTRACT DATE: 6/7/2019
 WORK COMPLETED: 10/6/2020

ITEM NO.	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	QUANTITY COMPLETED				TOTAL AMOUNT
					PREVIOUS	CURRENT	TOTAL	%	
1	Traffic Control	LS	1	\$31,138.64	0.75	0.00	0.75	75.00%	\$23,353.98
2	Anchored Silt Fence (Type PA - Preassembled)	LF	1,000	\$2.97	0	0	0	0.00%	\$0.00
3	Anchored 12" Bio-Roll Ditch Block (Type 3)	LF	1,040	\$3.51	0	0	0	0.00%	\$0.00
4	Grass Seed Mixture	LBS	8,600	\$3.15	2000	0	2000	23.26%	\$6,300.00
5	Grass Seeding (MnDOT 2575.3)	AC	86	\$375.18	20	0	20	23.26%	\$7,503.60
6	Anchored Wheat Straw Mulch	TON	172	\$178.40	20	0	20	11.63%	\$3,568.00
7	Riprap, Class 3 (18" & Under) w/type 4 Geotextile	CU.YD.	1,600	\$67.03	890	138	1028	64.25%	\$68,906.84
8	Excavation (topsoil conservation-replacement, SWPPP Prep., Erosion Control, Minor Lateral Hauling and Clearing and Grubbing of Trees in Permanent ROW are incidental)	CU.YD.	366,920	\$1.75	321,280	20,618	341,898	93.18%	\$598,321.50
9	Remove Bituminous Pavement	SQ.YD.	316	\$17.30	730	0	730	231.01%	\$12,629.00
10	Bituminous Pavement (Type SP 12.5 Wearing Course Mix)	TON	270	\$108.12	272	0	272	100.74%	\$29,408.64
11	Geogrid-Tensar TX 140 (Install Under Aggregate Base)	SQ.YD.	864	\$3.78	969	0	969	112.15%	\$3,662.82
12	Aggregate Roadway Surfacing (Loose Volume), CL 1	CU.YD.	450	\$34.60	65	0	65	14.44%	\$2,249.00
13	Salvage & Reinstall Granular & Aggregate Material (CV)	CU.YD.	680	\$27.03	0	0	0	0.00%	\$0.00
14	Granular Backfill (Compacted Volume)	CU.YD.	200	\$38.92	922	0	922	461.00%	\$35,884.24
15	Aggregate Road Base and Shoulder Base (CL 5 MOD)(CV)	CU.YD.	288	\$32.44	277	0	277	96.18%	\$8,985.88
16	18" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,050	\$25.41	1702	450	2152	104.98%	\$54,682.32
17	80' - 24" SCH 20 Steel Pipe - Directional Bore/Open Cut	EACH	2	\$23,786.46	0	0	0	0.00%	\$0.00
18	24" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,680	\$34.60	1506	450	1956	72.99%	\$67,677.60
19	36" Corrugated Steel Pipe (CSP) Culvert (14 Gauge)	LF	190	\$60.55	0	0	0	0.00%	\$0.00
20	49"x33" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	70	\$92.98	0	0	0	0.00%	\$0.00
21	53"x41" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	320	\$108.12	0	0	0	0.00%	\$0.00
22	60"x46" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	160	\$123.26	0	0	0	0.00%	\$0.00
23	81"x59" CSAP Culvert (12 Gauge) w/3:1 Step Ends	LF	385	\$161.10	644	0	644	167.27%	\$103,748.40
24	78" CSP Culvert (12 gauge) w/3:1 step ends	LF	180	\$170.83	180	0	180	100.00%	\$30,749.40
25	18" CSP Standard Flared End Section	EACH	44	\$108.12	33	15	48	109.09%	\$5,189.76
26	24" CSP Standard Flared End Section	EACH	42	\$151.37	24	8	32	76.19%	\$4,843.84
27	36" CSP Standard Flared End Section	EACH	6	\$410.86	0	0	0	0.00%	\$0.00
28	18" Exterior Flap-Gate	EACH	44	\$491.95	33	15	48	109.09%	\$23,613.60
29	24" Exterior Flap-Gate	EACH	42	\$589.26	24	8	32	76.19%	\$18,856.32
30	36" Exterior Flap-Gate	EACH	2	\$1,027.14	0	0	0	0.00%	\$0.00
31	12'x6' Reinforced Conc. Box Culvert (CL 2)	LF	96	\$1,243.38	92	0	92	95.83%	\$114,390.96
32	12'x 6' RC Box Cul. End Sec. (CL 2 w/15 Deg. Skewed End)	EACH	2	\$33,301.04	2	0	2	100.00%	\$66,602.08
					Subtotal				\$1,291,127.78
Additional Material			0	\$0.00	0	0	0		\$0.00
					Subtotal				\$0.00
Change Order									
1	Replace 2-15 degree skewed, Type 2, End Sections for the 12'x6'RC Box Culvert	EACH	2	-\$1,974.48	0	2	2	100%	-\$3,948.96
					Subtotal				-\$3,948.96
TOTALS								\$1,287,178.82	

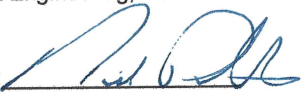
SUMMARY:	
Total of Work to Date	\$1,287,178.82
Less 10% Retainage	\$128,717.88
Amount Paid on Previous Payments	\$1,079,924.93
Amount Due this Estimate	\$78,536.01
Percentage of work completed	82%
Original Contract Amount Due	\$1,572,196.70
Additional Material	\$0.00
Change Orders	(\$3,948.96)
Total Estimated Contract Costs	\$1,568,247.74

RECAP OF PREVIOUS PAYMENTS:		
ESTIMATE NO	DATE	PAYMENT AMOUNT
1	1/31/2020	\$78,333.13
2	6/11/2020	\$86,924.58
3	6/23/2020	\$165,917.62
4	7/21/2020	\$147,714.48
5	8/13/2020	\$169,232.06
6	8/25/2020	\$134,980.18
7	9/10/2020	\$106,727.23
8	9/24/2020	\$190,095.65
FINAL PAYMENT		
TOTAL		\$1,079,924.93

I concur that there are no pending changed condition claims as of this date of this pay estimate _____ (Initial)
 Approved by Contractor: Ron Burski, Burski Excavating, Inc.

Date: _____ Signature: _____

I concur that there are no pending changed condition claims as of this date of this pay estimate _____ (Initial)
 Approved by Contractor: Nick Pribula, Pribula Engineering, PLLC

Date: 10-7-20 Signature: 

Approved by Administrator: Myron Jesme, Red Lake Watershed District

Date: _____ Signature: _____



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.: 11	Application Period: 9/17/2020 - 10/1/2020

**Application for Payment
Change Order Summary**

Change Orders Approved by Owner:			
Number	Date Approved	Additions	Deductions
1	5/5/2020	\$ 173,944.09	\$ -
2	5/14/2020	\$ -	\$ 27,577.00
3	5/28/2020	\$ 12,204.00	\$ -
4	6/8/2020	\$ 15,594.00	\$ -
5		\$ -	\$ -
6		\$ -	\$ -
7		\$ -	\$ -
TOTALS		\$ 201,742.09	\$ 27,577.00
NET CHANGE BY CHANGE ORDERS		\$ 174,165.09	

1. ORIGINAL CONTRACT PRICE	\$ 6,632,761.68
2. NET CHANGE BY CHANGE ORDERS	\$ 174,165.09
3. CONTRACT SUM TO DATE (Line 1 ± 2)	\$ 6,806,926.77
4. TOTAL COMPLETED AND STORED TO DATE (Column F on Progress Estimate)	\$ 5,816,953.88
5. RETAINAGE: 5% of Completed Work and Stored Material	\$ 290,847.69
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5)	\$ 5,526,106.19
7. LESS PREVIOUS PAYMENTS	\$ 4,494,176.49
8. AMOUNT DUE THIS APPLICATION	\$ 1,068,134.22
9. BALANCE TO FINISH	\$ 989,972.89
10. PERCENT COMPLETE	85.46%

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:
-----	-------

Payment of:
\$ 1,068,134.22 is recommended.

HDR Engineering, Inc.

By: *Nathan P. Dalager*

Date: 10/7/2020

Red Lake Watershed District

By:

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.: 11	Application Period: 9/17/2020 - 10/1/2020

Summary of Previous Payments

Application No.	Application Period	Payment Amount
1	4/20/2020 - 5/7/2020	\$ 191,120.05
2	5/7/2020 - 5/21/2020	\$ 199,068.23
3	5/21/2020-6/4/2020	\$ 356,473.89
4	6/4/2020-6/18/2020	\$ 450,116.08
5	6/18/2020-7/2/2020	\$ 396,399.85
6	7/2/2020-7/16/2020	\$ 835,837.55
7	7/16/2020-8/6/2020	\$ 1,145,236.50
8	8/6/2020-8/20/2020	\$ 335,826.90

Application No.	Application Period	Payment Amount
9	8/20/2020-9/3/2020	\$ 328,127.82
10	9/3/2020-9/17/2020	\$ 255,969.62



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.:		11					Application Period:		9/17/2020 - 10/1/2020					
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	0.90	0.10	0.0	1	100.00%	\$25,950.00	\$259,500.00	0.00	
2101.501	CLEARING AND GRUBBING	LUMP SUM	1	\$27,725.00	\$27,725.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$27,725.00	0.00	
2104.503	REMOVE 24" CS PIPE CULVERT	LIN FT	68	\$10.00	\$680.00	61.0	0.0	0.0	61	89.71%	\$0.00	\$610.00	7.00	
2104.503	REMOVE 115" x 72" RC ARCH PIPE	LIN FT	92	\$19.00	\$1,748.00	92.0	0.0	0.0	92	100.00%	\$0.00	\$1,748.00	0.00	
2104.503	REMOVE 138" x 88" RC ARCH PIPE	LIN FT	74	\$20.00	\$1,480.00	74.0	0.0	0.0	74	100.00%	\$0.00	\$1,480.00	0.00	
2104.503	REMOVE 154" x 97" RC ARCH PIPE	LIN FT	80	\$23.00	\$1,840.00	80.0	0.0	0.0	80	100.00%	\$0.00	\$1,840.00	0.00	
2104.503	SALVAGE 60" RC ARCH PIPE	LIN FT	150	\$24.50	\$3,675.00	150.0	0.0	0.0	150	100.00%	\$0.00	\$3,675.00	0.00	
2104.502	SALVAGE SIGN TYPE A	EACH	14	\$200.00	\$2,800.00	6.0	0.0	0.0	6	42.86%	\$0.00	\$1,200.00	8.00	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	832	\$2.50	\$2,080.00	248.0	0.0	0.0	248	29.81%	\$0.00	\$620.00	584.00	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	2946	\$8.65	\$25,482.90	4262.0	0.0	0.0	4262	144.67%	\$0.00	\$36,866.30	-1316.00	
2105.607	SPOIL HAULING (P)	CU YD	35480	\$7.95	\$282,066.00	25,400.0	3,595.0	0.0	28,995.00	81.72%	\$28,580.25	\$230,510.25	6485.00	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	9876	\$1.55	\$15,307.80	9876.0	0.0	0.0	9876	100.00%	\$0.00	\$15,307.80	0.00	
2105.507	COMMON EXCAVATION (P)	CU YD	595137	\$2.68	\$1,594,967.16	569,155.0	20,982.0	0.0	590,137.00	99.16%	\$56,231.76	\$1,581,567.16	5000.00	
2105.507	COMMON BORROW (CV)	CU YD	10035	\$6.80	\$68,238.00	6000.0	657.0	0.0	6657	66.34%	\$4,467.60	\$45,267.60	3378.00	
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	90.00	
2118.509	AGGREGATE SURFACING, CLASS 5	TON	2151	\$11.00	\$23,661.00	225.0	0.0	0.0	225	10.46%	\$0.00	\$2,475.00	1926.00	
2211.509	AGGREGATE BASE, CLASS 3	TON	929	\$10.00	\$9,290.00	320.0	100.0	0.0	420	45.21%	\$1,000.00	\$4,200.00	509.00	
2211.509	AGGREGATE BASE, CLASS 5	TON	1137	\$11.00	\$12,507.00	873.0	0.0	0.0	873	76.78%	\$0.00	\$9,603.00	264.00	
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	367.00	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,B)	TON	175	\$90.00	\$15,750.00	0.0	80.0	0.0	80	45.71%	\$7,200.00	\$7,200.00	95.00	
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	409	\$100.00	\$40,900.00	366.0	0.0	0.0	366	89.49%	\$0.00	\$36,600.00	43.00	
2411.507	STRUCTURAL CONCRETE (3G52) (P)	CU YD	21	\$2,000.00	\$42,000.00	14.0	8.0	0.0	22	104.76%	\$16,000.00	\$44,000.00	-1.00	
2411.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	10270	\$2.15	\$22,080.50	5135.0	4,108.0	0.0	9243	90.00%	\$8,832.20	\$19,872.45	1027.00	
2412.502	10X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$16,255.00	\$32,510.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$32,510.00	0.00	
2412.502	12X8 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$17,600.00	\$35,200.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$35,200.00	0.00	
2412.502	12X10 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	1	\$27,365.00	\$27,365.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$27,365.00	0.00	
2412.503	10X8 PRECAST CONCRETE BOX CULVERT	LIN FT	84	\$1,075.00	\$90,300.00	84.0	0.0	0.0	84	100.00%	\$0.00	\$90,300.00	0.00	
2412.503	12X8 PRECAST CONCRETE BOX CULVERT	LIN FT	102	\$1,125.00	\$114,750.00	102.0	0.0	0.0	102	100.00%	\$0.00	\$114,750.00	0.00	
2412.503	12X10 PRECAST CONCRETE BOX CULVERT	LIN FT	120	\$1,335.00	\$160,200.00	120.0	0.0	0.0	120	100.00%	\$0.00	\$160,200.00	0.00	
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	2	\$5,700.00	\$11,400.00	2.0	0.0	0.0	2	100.00%	\$0.00	\$11,400.00	0.00	
2451.507	GRANULAR BEDDING (CV)	CU YD	5084	\$11.15	\$56,686.60	3619.0	750.0	0.0	4369	85.94%	\$8,362.50	\$48,714.35	715.00	
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	211.00	
2501.502	24" CAS PIPE APRON	EACH	3	\$375.00	\$1,125.00	2.0	0.0	0.0	2	66.67%	\$0.00	\$750.00	1.00	
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	2.00	
2501.502	36" CAS PIPE APRON	EACH	4	\$930.00	\$3,720.00	4.0	0.0	0.0	4	100.00%	\$0.00	\$3,720.00	0.00	
2501.502	18" CS PIPE APRON	EACH	18	\$170.00	\$3,060.00	8.0	6.0	0.0	14	77.78%	\$1,020.00	\$2,380.00	4.00	
2501.502	24" CS PIPE APRON	EACH	6	\$230.00	\$1,380.00	1.0	0.0	0.0	1	16.67%	\$0.00	\$230.00	5.00	



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.:		11					Application Period:		9/17/2020 - 10/1/2020					
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 (A - F)	
							This Period							
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	2.0	6.0	0.0	8	100.00%	\$6,600.00	\$8,800.00	0.0	
2501.502	FLAP GATE FOR 18"CS PIPE	EACH	16	\$685.00	\$10,960.00	8.0	6.0	0.0	14	87.50%	\$4,110.00	\$9,590.00	2.0	
2501.502	FLAP GATE FOR 24"CS PIPE	EACH	3	\$760.00	\$2,280.00	1.0	0.0	0.0	1	33.33%	\$0.00	\$760.00	2.0	
2501.503	24" CAS PIPE CULVERT	LIN FT	222	\$40.00	\$8,880.00	136.0	0.0	0.0	136	61.26%	\$0.00	\$5,440.00	86.0	
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	73.0	0.0	0.0	73	51.05%	\$0.00	\$4,745.00	70.0	
2501.503	15" CS PIPE CULVERT	LIN FT	20	\$32.00	\$640.00	8.0	0.0	0.0	8	40.00%	\$0.00	\$256.00	12.0	
2501.503	18" CS PIPE CULVERT	LIN FT	1054	\$33.00	\$34,782.00	598.0	366.0	0.0	964	91.46%	\$12,078.00	\$31,812.00	90.0	
2501.503	24" CS PIPE CULVERT	LIN FT	262	\$40.00	\$10,480.00	112.0	0.0	0.0	112	42.75%	\$0.00	\$4,480.00	150.0	
2501.503	48" CS PIPE CULVERT	LIN FT	271	\$105.00	\$28,455.00	85.0	166.0	0.0	251	92.62%	\$17,430.00	\$26,355.00	20.0	
2501.503	84" CS PIPE CULVERT (BEVEL CUT ENDS)	LIN FT	636	\$187.00	\$118,932.00	636.0	0.0	0.0	636	100.00%	\$0.00	\$118,932.00	0.0	
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	169.0	0.0	0.0	169	100.00%	\$0.00	\$114,582.00	0.0	
2501.503	30" STEEL CASING PIPE	LIN FT	106	\$772.00	\$81,832.00	106.0	0.0	0.0	106	100.00%	\$0.00	\$81,832.00	0.0	
2501.503	36" STEEL CASING PIPE	LIN FT	59	\$177.00	\$10,443.00	59.0	0.0	0.0	59	100.00%	\$0.00	\$10,443.00	0.0	
2501.503	54" STEEL CASING PIPE - JACK INSTALLED	LIN FT	168	\$1,500.00	\$252,000.00	168.0	0.0	0.0	168	100.00%	\$0.00	\$252,000.00	0.0	
2501.515	18" RC PIPE APRON	EACH	3	\$540.00	\$1,620.00	1.0	0.0	0.0	1	33.33%	\$0.00	\$540.00	2.0	
2501.515	24" RC PIPE APRON	EACH	8	\$630.00	\$5,040.00	0.0	2.0	0.0	2	25.00%	\$1,260.00	\$1,260.00	6.0	
2501.515	36" RC PIPE APRON	EACH	3	\$1,160.00	\$3,480.00	1.0	0.0	0.0	1	33.33%	\$0.00	\$1,160.00	2.0	
2503.503	36" CS PIPE SEWER	LIN FT	738	\$67.00	\$49,446.00	0.0	403.0	0.0	403	54.61%	\$27,001.00	\$27,001.00	335.0	
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	84.0	0.0	0.0	84	51.22%	\$0.00	\$4,872.00	80.0	
2503.503	24" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	1020	\$56.00	\$57,120.00	450.0	374.0	0.0	824	80.78%	\$20,944.00	\$46,144.00	196.0	
2503.503	36" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	823	\$106.00	\$87,238.00	788.0	0.0	0.0	788	95.75%	\$0.00	\$83,528.00	35.0	
2503.503	48" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2036	\$167.00	\$340,012.00	2000.0	0.0	0.0	2000	98.23%	\$0.00	\$334,000.00	36.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	2284	\$212.00	\$484,208.00	0.0	1,512.0	0.0	1512	66.20%	\$320,544.00	\$320,544.00	772.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS IV	LIN FT	108	\$238.00	\$25,704.00	0.0	108.0	0.0	108	100.00%	\$25,704.00	\$25,704.00	0.0	
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	2.0	0.0	0.0	2	100.00%	\$0.00	\$3,600.00	0.0	
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	1.0	2.0	0.0	3	100.00%	\$14,950.00	\$22,425.00	0.0	
2506.502	CONSTRUCT 6X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$11,085.00	\$110,850.00	8.0	2.0	0.0	10	100.00%	\$22,170.00	\$110,850.00	0.0	
2506.502	CONSTRUCT 8X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$14,815.00	\$148,150.00	1.0	6.0	0.0	7	70.00%	\$88,890.00	\$103,705.00	3.0	
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	1.0	0.0	0.0	1	100.00%	\$0.00	\$15,915.00	0.0	



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.:		11				Application Period:		9/17/2020 - 10/1/2020						
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	1.0	0.0	1	100.00%	\$34,850.00	\$34,850.00	0.0	
2506.502	CASTING ASSEMBLY - BEEHIVE GRATE AND FRAME	EACH	3	\$1,250.00	\$3,750.00	0.0	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	0.00%	\$0.00	\$0.00	3.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 3)	CU YD	1044	\$105.00	\$109,620.00	290.0	581.0	0.0	871	83.43%	\$61,005.00	\$91,455.00	173.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 4)	CU YD	362	\$105.00	\$38,010.00	0.0	196.5	0.0	196.5	54.28%	\$20,632.50	\$20,632.50	165.5	
2511.507	RANDOM RIPRAP - SPECIAL (D50 = 18")	CU YD	1450	\$105.00	\$152,250.00	0.0	1285.8	0.0	1285.8	88.68%	\$135,009.00	\$135,009.00	164.2	
2511.507	RANDOM RIPRAP (CLASS 2)	CU YD	225	\$85.00	\$19,125.00	0.0	120.0	0.0	120	53.33%	\$10,200.00	\$10,200.00	105.0	
2511.507	RANDOM RIPRAP (CLASS 3)	CU YD	2057	\$85.00	\$174,845.00	627.0	954.0	0.0	1581	76.86%	\$81,090.00	\$134,385.00	476.0	
2511.507	RANDOM RIPRAP (CLASS 4)	CU YD	1063	\$85.00	\$90,355.00	1063.0	0.0	0.0	1063	100.00%	\$0.00	\$90,355.00	0.0	
2511.509	GRANULAR FILTER MATERIAL	TON	354	\$85.00	\$30,090.00	0.0	354.0	0.0	354	100.00%	\$30,090.00	\$30,090.00	0.0	
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	110	\$54.00	\$5,940.00	0.0	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	0.95	0.00	0.0	0.95	95.00%	\$0.00	\$23,750.00	0.1	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$13,550.00	\$13,550.00	1.0	0.0	0.0	1	100.00%	\$0.00	\$13,550.00	0.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	6	\$2,600.00	\$15,600.00	6.0	0.0	0.0	6	100.00%	\$0.00	\$15,600.00	0.0	
2573.502	STORM DRAIN INLET PROTECTION	EACH	4	\$125.00	\$500.00	0.0	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	0.00%	\$0.00	\$0.00	782.0	
2573.503	FLOTATION SILT CURTAIN TYPE MOVING WATER	LIN FT	160	\$17.00	\$2,720.00	100.0	0.0	0.0	100	62.50%	\$0.00	\$1,700.00	60.0	
2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	2546	\$3.00	\$7,638.00	337.0	0.0	0.0	337	13.24%	\$0.00	\$1,011.00	2209.0	
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	2800.0	0.0	0.0	2,800.00	14.89%	\$0.00	\$1,400.00	16000.0	
2574.508	FERTILIZER, TYPE 3	POUND	220	\$0.50	\$110.00	0.0	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	3200.0	0.0	0.0	3200	100.00%	\$0.00	\$51,200.00	0.0	
2575.505	SEEDING	ACRE	75.1	\$300.00	\$22,530.00	14.0	0.0	0.0	14	18.64%	\$0.00	\$4,200.00	61.1	
2575.505	DISK ANCHORING	ACRE	75.1	\$20.00	\$1,502.00	14.0	0.0	0.0	14	18.64%	\$0.00	\$280.00	61.1	
2575.508	SEED MIXTURE, 25-131	POUND	2332	\$4.00	\$9,328.00	0.0	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	826.0	0.0	0.0	826	18.82%	\$0.00	\$3,304.00	3562.0	
2575.508	HYDRAULIC MULCH MATRIX	POUND	22260	\$0.85	\$18,921.00	0.0	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	28.0	0.0	0.0	28	18.64%	\$0.00	\$2,240.00	122.2	
2575.523	WATER	M GAL	223	\$50.00	\$11,150.00	0.0	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	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	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	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	2,408.0	0.0	0.0	2,408.00	100.00%	\$0.00	\$67,424.00	0.0	
2722.549	8" FORCE MAIN DIRECTIONAL BORE (FUSIBLE PVC C900)	LIN FT	344	\$100.00	\$34,400.00	344.0	0.0	0.0	344	100.00%	\$0.00	\$34,400.00	0.0	
2722.549	20" PVC FORCE MAIN	LIN FT	2437	\$74.00	\$180,338.00	1622.0	0.0	0.0	1622	66.56%	\$0.00	\$120,028.00	815.0	
2722.554	DUCTILE IRON FITTINGS (8" & 20")	POUND	2623	\$6.50	\$17,049.50	1652.0	0.0	0.0	1,652.00	62.98%	\$0.00	\$10,738.00	971.0	
2722.563	AIR RELEASE MANHOLE	EACH	1	\$15,250.00	\$15,250.00	0.4	0.0	0.0	0.4	40.00%	\$0.00	\$6,100.00	0.6	



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.:		11				Application Period:		9/17/2020 - 10/1/2020					
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
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period						(A - F)
CO-1	SALES TAX REIMBURSEMENT	LS	1	\$173,944.09	\$173,944.09	0.14	0.00	0.0	0.14	14.00%	\$0.00	\$24,352.17	0.86
CO-2	STORM SEWER MANHOLE VALUE ENGINEERING	LS	1	\$27,577.00	\$27,577.00	0.0	0.00	0.0	0	0.00%	\$0.00	\$0.00	1.00
CO-3	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	18	\$678.00	\$12,204.00	18.0	0.0	0.0	18	100.00%	\$0.00	\$12,204.00	0.00
CO-4	30" STEEL CASING PIPE - JACK INSTALLED	LIN FT	23	\$678.00	\$15,594.00	23.0	0.0	0.0	23	100.00%	\$0.00	\$15,594.00	0.00



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.:		11					Application Period:		9/17/2020 - 10/1/2020					
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	1.0	0	0.0	1	100.00%	\$0.00	\$25,000.00	0.0	
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	112	\$2.50	\$280.00	112.0	0	0.0	112	100.00%	\$0.00	\$280.00	0.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	706	\$9.00	\$6,354.00	706.0	0	0.0	706	100.00%	\$0.00	\$6,354.00	0.0	
2105.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	826	\$1.55	\$1,280.30	826.0	0	0.0	826	100.00%	\$0.00	\$1,280.30	0.0	
2118.509	AGGREGATE SURFACING CLASS 1	TON	75	\$18.00	\$1,350.00	0.0	75	0.0	75	100.00%	\$1,350.00	\$1,350.00	0.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	236	\$11.00	\$2,596.00	236.0	0	0.0	236	100.00%	\$0.00	\$2,596.00	0.0	
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	308	0.0	308	100.00%	\$30,800.00	\$30,800.00	0.0	
2412.502	12X6 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$12,950.00	\$25,900.00	2.0	0	0.0	2	100.00%	\$0.00	\$25,900.00	0.0	
2412.503	12X6 PRECAST CONCRETE BOX CULVERT	LIN FT	98	\$1,070.00	\$104,860.00	98.0	0	0.0	98	100.00%	\$0.00	\$104,860.00	0.0	
2451.507	FINE AGGREGATE BEDDING (CV)	CU YD	368	\$15.00	\$5,520.00	368.0	0	0.0	368	100.00%	\$0.00	\$5,520.00	0.0	
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	1.0	0	0.0	1	100.00%	\$0.00	\$11,500.00	0.0	
2563.601	DETOUR SIGNING	LUMP SUM	1	\$7,000.00	\$7,000.00	1.0	0	0.0	1	100.00%	\$0.00	\$7,000.00	0.0	
2563.602	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2	\$3,900.00	\$7,800.00	2.0	0	0.0	2	100.00%	\$0.00	\$7,800.00	0.0	
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	
CO-1	SALES TAX REIMBURSEMENT	LS	1	\$173,944.09	\$173,944.09	0.0	0	0.0	0	0.00%	\$0.00	\$0.00	0.00	



Change Order No. 6

<p>Project Name:</p> <p>Thief River Falls Westside Flood Damage Reduction Project (RLWD Project #178)</p>	<p>HDR Project No.:</p> <p>#10134290</p>
<p>Project Owner:</p> <p>Red Lake Watershed District</p> <p>1000 Pennington Avenue South</p> <p>Thief River Falls, MN 56701</p>	<p>Owner's Project No.:</p> <p>#178</p> <p>Date of Issuance:</p> <p>September 10, 2020</p>
<p>Project Contractor:</p> <p>RJ Zavoral and Sons, Inc.</p> <p>P.O.Box 435</p> <p>East Grand Forks, MN 56721</p>	<p>Date of Contract:</p> <p>March 27, 2020</p> <p>Contract Period:</p> <p>March 27, 2020 to October 15, 2020 (final completion)</p>

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
7.1	For 6 th Street box culvert removal at Alignment 6 Station 700+16 as proposed in the amended change order proposal dated 5/18/2020 – shown in Attachment A. The existing box culvert under 6 th Street is to be removed and replaced with 24” RC PIPE SEWER DESIGN 3006, CLASS III. The 24” RC PIPE is to connect the structure at Station 700+81 on Alignment 6 to the structure at Station 342+03 on Alignment 2 and reference the design elevations as stated in the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project #178 Plans. Change Order No. 6 has a completion date of November 1, 2020.	\$39,328.00	None
	Difference Net	\$39,328.00	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
\$ 6,836,926.77 _____	October 15, 2020 _____
Net Increase (decrease) of this Change Order	Net Increase (decrease) of this Change Order
\$ 39,328.00 _____	None _____
Revised Contract Price with all approved Change Orders	Revised Contract Time with all approved Change Orders
\$ 6,876,254.77 _____	October 15, 2020 _____

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:

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

Date:



10/7/2020

Approved for Owner by:

Attest:

Date:

Approved: (Other - when required)

Date:

Distribution: Owner Contractor Office Field Other

Attachment A – RJ Zavoral and Sons, Inc. – Amended Change Order Proposal – 6th Street Box Removal

CHANGE ORDER PROPOSAL

"Moving the Earth Since 1951"

QUOTE HDR Engineering
 TO 213 LaBree Ave N, Suite 203
 Thief River Falls, MN 56701
 (218) 681-6100

JOB Thief River Falls Westside Flood Damage
 Reduction Project (RLWD Project #178)
 CO# 6th Street Box Culvert Removal
 DATE 05/18/2020

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXT PRICE
2021.501	MOBILIZATION	1	LS	\$5,000.00	\$5,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	80	LF	\$5.00	\$400.00
2104.504	REMOVE BITUMINOUS PAVEMENT	225	SY	\$11.00	\$2,475.00
2105.607	COMMON EXCAVATION / SPOIL HAULING	450	CY	\$9.00	\$4,050.00
2105.504	GEOTEXTILE FABRIC TYPE 5	300	SY	\$2.00	\$600.00
2211.509	AGGREGATE BASE, CLASS 5	75	TON	\$15.00	\$1,125.00
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	80	TON	\$110.00	\$8,800.00
2442.501	REMOVE EXISTING BRIDGE	1	LS	\$9,500.00	\$9,500.00
2503.503	24" RC PIPE SEWER DESIGN 3006, CLASS III	60	LF	\$56.00	\$3,360.00
	SELECT GRANULAR BORROW	835	TON	\$10.80	\$9,018.00
TOTAL:					\$44,328.00

\$39,328.00

One mobilization included
 Tax and bond included

R.J. Zavoral & Sons, Inc.



Joseph R. Zavoral

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and hereby accepted. You are authorized to the work as specified. Payment will be made as outlined above.

Date of Acceptance: _____

Signature: _____

Title: _____



APPROVED WATER QUALITY PROGRAM GRANT AGREEMENT 2020-12

September 15, 2020

This grant agreement (the "Agreement") is between the Red River Watershed Management Board (the "RRWMB") and the Red Lake Watershed District (RLWD), the "Grantee".

This Grant is for the Following Project: Thief River Falls Oxbow Restoration and Stormwater Treatment Project

Total Grant Awarded: \$166,000

RECITALS

1. The Laws of Minnesota 1976, chapter 162, section 1, et al., and subsequently amended, authorize the RRWMB to develop, construct, and maintain projects and programs of benefit to the Red River Basin;
2. The RRWMB consists of seven member Watershed Districts (WDs): Joe River WD, The Two Rivers WD, Roseau River WD, Middle River-Snake River WD, Red Lake WD, Wild Rice WD, and Bois de Sioux WD;
3. The Laws of Minnesota, Section 29, chapter 162, section 1, 1976, and subsequently amended, authorize the RRWMB member WDs to levy up to .04836 percent of the taxable market value of all property within the WD. One-half of the levy collected is retained by the individual member WD for development, construction, and maintenance of projects and programs of benefit to the WD. The remaining one-half of this levy is transferred to the RRWMB to fund the development, construction, and maintenance of projects and programs of benefit to the Red River basin (the "RRWMB general fund");
4. The RRWMB must adopt criteria for member WDs to follow in applying for funding from the RRWMB general fund;



5. The RRWMB adopted the Water Quality Program and Application Packet at its meeting of March 10, 2020, to allocate funds from the RRWMB general fund to its member WDs upon a member WD's application for funding from the RRWMB Water Quality Program pursuant to the criteria in RRWMB's Application Packet for Water Quality Program (the "Application Packet," incorporated into this Agreement as Exhibit A) and RRWMB's Funding Procedures for Flood Damage Reduction Projects and Related Programs, and subsequent amendments and updates to these programs and funding procedures;
6. The RRWMB Water Quality and Monitoring Advisory Committee (WQMAC) has assessed the Grantee's application for the **Project** for conformance with the funding criteria detailed in the Application Packet and in RRWMB's Funding Procedures for Flood Damage Reduction Projects and Related Programs, and subsequent amendments and updates to these programs and funding procedures, and recommends that RRWMB award funding to the **Project**;
7. Grantee has submitted an RRWMB approved documentation of project outcomes (the "Work Plan," incorporated into this Agreement as Exhibit B) for this **Project**;
8. Grantee represents that it is duly qualified and agrees to perform all duties, activities, and services described in this Agreement to the satisfaction of RRWMB.

AUTHORIZED REPRESENTATIVE

The RRWMB's authorized representative is: Robert L. Sip
RRWMB Executive Director
11 5th Ave E
Ada, MN 56510

or his successor, and has the responsibility to monitor Grantee's performance and the authority to accept Grantee's performance of duties, activities, and services under this Agreement.

Grantee's authorized representative is: Myron Jesme
Administrator
Red Lake Watershed District
1000 Pennington Avenue South
Thief River Falls, MN 56701



If Grantee's authorized representative changes at any time during this Agreement, Grantee must immediately notify the RRWMB in writing.

AGREEMENT

1. **Scope of Duties, Activities, and Services:** Grantee will perform the duties, activities, and services described in this Agreement and the Application Packet attached as Exhibit A as submitted to the RRWMB. Grantee must not begin work under this Agreement or the Work Plan until both parties have executed this Agreement, and no payment may be made to Grantee prior to full execution of the Agreement, or until a work plan for the **Project** is submitted to and approved by the RRWMB, whichever is later.
2. **Subcontract and Assignment:** Grantee will not assign, subcontract, or transfer any obligations or interest in this Agreement without the prior consent of the RRWMB and an assignment agreement fully approved and executed by the RRWMB's and Grantee's authorized representatives.
3. **Grantee's Duties:**
 - a. **General.** Grantee will comply with required grants management policies and procedures set forth in the Application Packet and RRWMB's Funding Procedures for Flood Damage Reduction Projects and Related Programs, and subsequent amendments and updates to these programs and funding procedures.
 - b. **Implementation.** Grantee will implement the Work Plan for the **Project**. Grantee is responsible for administration, supervision, management, record keeping, and oversight of the **Project** for the work performed under this Agreement.
 - c. **Reporting.**
 - i. Grantee will submit an annual progress report on the status of the implementation of the **Project** to the RRWMB by January 1 of each year, including expenditures and other information in the Application Packet and RRWMB's Funding Procedures for Flood Damage Reduction Projects and Related Programs, and subsequent amendments and updates to these programs and funding procedures.
 - ii. Grantee will, when sharing information about this **Project** through any format or means, identify the RRWMB Water Quality Program.



- iii. Grantee will submit a final report to the RRWMB by January 1 of the year the project was completed or within 30 days of completion of the **Project**, whichever is sooner.
 - iv. All data and information provided in any Grantee report is considered public.
- d. **Match.** Grantee will ensure any cost share and local match requirements will be provided as stated in the Application Packet and the Work Plan.
- e. **Time.** Grantee agrees to complete the **Project** within the period specified in this Agreement and in accordance with the approved grant budget. Grantee must comply with the time requirements in this Agreement. In the performance of the terms of this Agreement, time is of the essence.
- f. **Conflicts of Interest.** Grantee is responsible for monitoring and reporting any actual, potential, or perceived conflicts of interest to the RRWMB's authorized representative for the duration of this Agreement.
4. **Duty of Care; Indemnification:** Grantee will perform the duties, activities, and services under this Agreement with professional best effort. Grantee will defend and indemnify RRWMB, its board members, employees, and representatives, and hold them harmless, from any and all claims, actions, costs, damages, and liabilities of any nature arising from a negligent or otherwise wrongful act or omission, or breach of a specific duty under this Agreement, by Grantee, or one performing duties, activities, or services on its behalf. This provision will not be construed to bar any legal remedies Grantee may have for the RRWMB's failure to fulfill its obligations under this Agreement.

For any claim subject to indemnification under this provision by an employee of Grantee, the indemnification obligation is not limited by a limitation on the amount or type of damages, compensation, or benefits payable by or for Grantee under workers compensation acts, disability acts, or other employee benefit acts.

5. **Terms of Payment:** Grant funds will be distributed on a reimbursement basis upon **Project** completion or upon completion of **Project** milestones as defined in the application materials or other RRWMB requirements, Grantee's submission of an adequate summarized expenditures report, and RRWMB's determination that Grantee has satisfactorily fulfilled all the terms of this Agreement. This grant does not include any advance payment to Grantee.



Prior to any reimbursement, Grantee must submit a report summarizing expenditures for the **Project** for which it seeks reimbursement. Reimbursement and the accompanying summarized expenditures report must be submitted in accordance with the RRWMB Internal Controls and Treasurers Policy Manual, August 21, 2018, as amended April 16, 2019.

All costs eligible for reimbursement must be incurred within the grant period.

If Grantee does not seek reimbursement up to the amount of the total grant awarded as described in this Agreement, the balance of unspent funds will remain with the RRWMB in its general funds. RRWMB's obligation to provide funds under this Agreement will not exceed the total grant awarded as identified in this Agreement.

6. **Conditions of Payment:** All duties, activities, and services provided by Grantee under this Agreement must be performed in accordance with the terms of this Agreement in order for RRWMB to disburse grant funds to Grantee. RRWMB in its sole discretion will determine Grantee's compliance with the terms of this Agreement; and with any applicable federal laws, State of Minnesota laws, local laws, policies, ordinances, rules, and regulations. RRWMB will not pay Grantee for work that the RRWMB finds unsatisfactory or performed in violation of federal, State of Minnesota, or local law.

Unless otherwise provided in this Agreement, the total grant amount, **\$166,000**, is available to Grantee until the termination date, or until **Project** completion, whichever is sooner.

7. **Use of Funds:** Funds from the RRWMB made available to Grantee pursuant to this Agreement must only be used for expenses incurred in performing and accomplishing the duties, activities, and services specified in this Agreement. Any reduction of funds allocated to the RRWMB may result in a like reduction in payment of funds to Grantee.
8. **Termination; Continuation of Obligations; Repayment:** This Agreement is effective when executed by the RRWMB and will remain in force until **December 31, 2021**, or until all obligations under this Agreement have been fulfilled to the satisfaction of the RRWMB, whichever is sooner. Duty of care; obligations to defend, indemnify, and hold harmless; materials; publicity and endorsement; document-retention requirements; monitoring; and governing law will survive the completion of duties, activities, and services under this Agreement and the term of this Agreement.



The RRWMB may immediately terminate this Agreement if the RRWMB finds that Grantee, its employees, or agents has failed to comply with the provisions of the Agreement; that reasonable progress has not been made; or that the purposes for which the funds were granted have not been or will not be fulfilled. The RRWMB may take action to protect the interests of the RRWMB, including the refusal to disburse additional funds and requiring the return of all or part of the funds already disbursed.

If the RRWMB finds, after notice and an opportunity for comment from Grantee, that Grantee has failed materially to comply with the terms of this Agreement, or with applicable law, the RRWMB may require the repayment of grant funds disbursed under this Agreement. Should Grantee fail to repay the disbursed grant funds, RRWMB retains the right to withhold other funds from disbursement to Grantee.

9. Amendment; Modification; Extension: Any amendment, modification, or extension to this Agreement requested by the Grantee must be submitted to the RRWMB at least three (3) months prior to the termination of this Agreement. Any such request must be submitted on the RRWMB form for requesting amendments, modifications, and extensions. Any amendment or modification to this Agreement will not be effective until it has been approved and executed by the RRWMB's authorized representative. Any amendment or modification to Grantee's Work Plan for this **Project** will not be effective until it has been approved and executed by the RRWMB's authorized representative.

10. Waiver: The failure of either party to insist on the strict performance by the other party of any provision or obligation under this Agreement, or to exercise any option, remedy or right herein, will not waive or relinquish such party's rights in the future to insist on strict performance of any provision, condition or obligation, all of which will remain in full force and affect. The waiver of either party on one or more occasion of any provision or obligation of this Agreement will not be construed as a waiver of any subsequent breach of the same provision or obligation, and the consent or approval by either party to or of any act by the other requiring consent or approval will not render unnecessary such party's consent or approval to any subsequent similar act by the other. Notwithstanding any other term of this Agreement, RRWMB waives no immunity in tort. This Agreement creates no right in and waives no immunity, defense or liability limit that RRWMB enjoys under law with respect to any third party.



- 11. Workers' Compensation:** Grantee certifies that it is in compliance with Minn. Stat. § 176.181, Subd. 2, pertaining to workers' compensation insurance coverage. Grantee's employees and agents will not be considered RRWMB employees. Any claims that may arise under the Minnesota Workers' Compensation Act on behalf of these employees and agents and any claims made by any third party as a consequence of any act or omission on the part of these employees and agents are in no way the RRWMB's obligation or responsibility.
- 12. Compliance with Laws:** Grantee will comply with the laws and requirements of all federal, state, local and other governmental units in connection with performing the duties, activities, and services under this Agreement and will procure all licenses, permits and other rights necessary to perform the duties, activities, and services. In performing the duties, activities, and services, Grantee will ensure that no person is excluded from full employment rights or participation in or the benefits of any program, service or activity on the ground of race, color, creed, religion, age, sex, disability, marital status, sexual orientation, public assistance status, or national origin; and no person who is protected by applicable federal or state laws, rules, or regulations against discrimination otherwise will be subjected to discrimination.
- 13. State Audits:** Grantee will maintain all records pertaining to fees or costs incurred in connection with the Services for six (6) years from the date of completion of the Services. Grantee agrees that any authorized RRWMB representative or the state auditor may have access to and the right to examine, audit and copy any such records during normal business hours. Grantee will maintain records relating to the receipt and expenditure of grant funds.
- 14. Intellectual Property Materials:** All materials obtained or generated by Grantee in performing the duties, activities, and services, including documents in hard and electronic copy, software, and all other forms in which the materials are contained, documented, or memorialized, are the property of RRWMB. Grantee hereby assigns and transfers to RRWMB all right, title and interest in:
- (a) its copyright, if any, in the materials;
 - (b) any registrations and copyright applications relating to the materials; and any copyright renewals and extensions;
 - (c) all works based on, derived from or incorporating the materials; and



(d) all income, royalties, damages, claims, and payments now or hereafter due or payable with respect thereto, and all causes of action in law or equity for past, present or future infringement based on the copyrights. Grantee agrees to execute all papers and to perform such other proper acts as RRWMB may deem necessary to secure for RRWMB or its assignee the rights herein assigned.

Consistent with the terms of this section and the Data Practices Act, Minnesota Statutes chapter 13 ("DPA"), Grantee retains a nonexclusive license to use the materials and may publish or use the materials in its professional activities.

15. Data Practices; Confidentiality: If Grantee receives a request for data pursuant to the DPA, that may encompass data (as that term is defined in the DPA) Grantee possesses or has created as a result of this agreement, it will inform RRWMB immediately and transmit a copy of the request. If the request is addressed to RRWMB, Grantee will not provide any information or documents, but will direct the inquiry to RRWMB. If the request is addressed to Grantee, Grantee will be responsible to determine whether it is legally required to respond to the request and otherwise what its legal obligations are, but will notify and consult with RRWMB and its legal counsel before replying. Nothing in the preceding sentence supersedes Grantee's obligations under this agreement with respect to protection of RRWMB data, property rights in data or confidentiality. Nothing in this section constitutes a determination that Grantee is performing a governmental function within the meaning of Minnesota Statutes section 13.05, subdivision 11, or otherwise expands the applicability of the DPA beyond its scope under governing law.

16. RRWMB Property: Any property including but not limited to materials supplied to Grantee by RRWMB or deriving from RRWMB is supplied to and accepted by Grantee as without representation or warranty including but not limited to a warranty of fitness, merchantability, accuracy or completeness.

17. Publicity and Endorsement: Any publicity regarding the subject matter of this Agreement must identify the RRWMB as the sponsoring entity. For purposes of this provision, publicity includes **Project** public hearing notices, informational pamphlets, press releases, research, reports, signs, and similar **Project** public notices prepared by or for Grantee individually or jointly with others, or any subcontractors, with respect to the **Project**, publications, or services provided resulting from this Agreement.



**APPENDIX B
RRWMB FUNDING APPLICATION FORM FOR WATER QUALITY PROJECTS**

Member watershed districts of the RRWMB who wish to request funding for Water Quality Projects must submit this application form in accordance with RRWMB funding processes and procedures. Completed applications can be submitted to the RRWMB at rob.sip@rrwmb.org or by mailing to the RRWMB office at:

11 Fifth Avenue East
Suite B
Ada, MN 56510

If you require additional space to complete any of the questions below, please attach additional sheets as necessary.

1. Requesting Entity: Red Lake Watershed District

2. Program Name: Thief River Falls Oxbow Restoration and Stormwater Treatment

3. Project Partners: Red Lake Watershed District and City of Thief River Falls

4. Location of Project (County and Township): North Township, Pennington County

5. Description of Request (Please indicate if the Water Quality Project is new or relates to an existing Water Quality Project).

A. For New Water Quality Projects (Please describe your Water Quality project here):

The Thief River Falls Water Quality study examined stormwater runoff throughout the city and identified priority projects for treating stormwater runoff. This project will complete one of the priority projects that was identified by that study and construct additional measures to protect water quality. The project will restore 3 acres of oxbow wetland by removing the accumulated sediment and pollutants from stormwater runoff and will also incorporate measures to trap pollutants and trash from future stormwater runoff upstream of the wetland. These measures will reduce concentrations of total suspended solids (TSS) and other pollutants in stormwater runoff that flows into the Red Lake River.

An oxbow wetland adjacent to the Red Lake River and within the city limits of Thief River Falls receives stormwater runoff that discharges into the east end of the oxbow via a 54-inch outlet pipe and other storm sewers. The oxbow wetland is located in the SE ¼ of Section 33 (T154, R43W) of North Township. The oxbow wetland is framed by the city streets of Pennington Avenue South (to the east), Parkview Street East (to the north), Columbia Avenue South (to the west), and Greenwood Street East (to the south). Stormwater runoff comes from a 276.7-acre residential drainage area, a snow disposal area, and a small watershed that once included ponds that stored lime sludge from the city's water treatment facility. Stormwater discharge flows through the oxbow wetland and enters the Red Lake River on the western end of the oxbow through 2-36" corrugated metal culverts. The locations of the oxbow wetland, the snow dumping site, structure installations, and the relative size of the planned settling pond are shown in the Section 8 Project Area Map.

Currently, the oxbow drains poorly due to excessive lime sludge and sediment build-up. As a result, this wetland/stormwater area is functioning poorly. Modeling completed for the Thief River Stormwater Study and recent sediment sampling indicated that the pond has been historically effective at trapping sediment (along with other pollutants and trash) but needs restoration due to excess accumulated sediment. A survey showed that the average sediment thickness was 4.3 feet with a maximum thickness of approximately 7.5 feet. The estimated volume of sediment in the oxbow is 17,000 cubic yards. Lime sludge deposits from the Thief River Falls Water Treatment Plant's lime sludge ponds were found within the first two feet of all sediment samples collected within the oxbow wetland. A stormwater sample collected at Pennington Avenue by the RLWD in 2017 found elevated concentrations of *E. coli*, TSS, and total phosphorus (TP) relative to the water quality standards that are applied to the Red Lake River. The water quality of the discharge leaving the oxbow and entering the Red Lake River is also a concern. Garbage is another ongoing stormwater issue. There is evidence that many "floatables" (plastic bottles, floating debris, plastic bags, Styrofoam, etc.) are flushed into the outlet pipe and into the oxbow during storm events.

The objective of this project is to restore the oxbow while providing improved water quality, through improved filtration and retention capabilities. Stormwater treatment within the existing wetland will be increased by providing detention via a controlled outlet structure and reconstruction of portions of the wetland. The project will restore the oxbow wetland's capability to reduce pollution by slowing the rate of run-off (storage) and helping keep run-off clean (filtration). Ponding areas and native wetland vegetation will provide additional treatment. In addition to restoring the functionality of the oxbow wetland by removing approximately 10,000 cubic yards of sediment, this project will construct a pond and install hydrodynamic separator structures to minimize pollutant contributions from a snow disposal site on the east side of Pennington Avenue South. A settling pond will be constructed around the riser pipe that drains the snow dumping area on the east side of Pennington Avenue. This project will further reduce the pollutants entering the wetland by installing multiple hydrodynamic separator structures to remove trash and sediment. A rock structure will be constructed at the west end of the oxbow wetland to stabilize the outlet, ensure that the pond will continue to hold water, and oxygenate water as it flows out of the pond.

B. For Existing Water Quality Projects (Please describe completed past efforts that relate to this Water Quality project):

This project will complement past and future stormwater pollutant reduction projects in the city. Some progress toward reducing pollutants in future stormwater runoff to the oxbow wetland was already accomplished through the removal of the city's lime sludge ponds. Sediment core analysis identified that overflow from the lime sludge ponds had been a major source of the sediment that filled the wetland. Restoration will require the removal and disposal of lime sludge from the site. The Thief River Falls Water

Quality Study was funded by an Accelerated Implementation Grant from the Board of Water and Soil Resources' (BWSR) Clean Water Fund in 2016. Subsequently, the Pennington Soil and Water Conservation District (SWCD) successfully applied for Clean Water Funding from BWSR to stabilize the three eroding streambanks that were identified by the Thief River Falls Water Quality Study. Stormwater treatment ponds have been incorporated into new construction within the city (Wal-Mart parking lot and Greenwood Street, for example). Future phases will target BMPs to reduce stormwater runoff from further upstream in the subwatershed that drains to the oxbow as well as other priority projects that are described in the Thief River Falls Water Quality Study. The project lies within the Red Lake River 1W1P Management Area M7, which was identified as one of the priority management areas that will be targeted for implementation of BMPs to reduce sediment loading with funding from a 319 Small Watersheds Focus Grant from the Environmental Protection Agency.

6. Relation to the RRWMB Vision, Mission, Principle Objective, and Supporting

Objectives: Please describe how this project contributes to water-quality objectives on the main stem Red River. How does your project reduce, mitigate, or eliminate pollutant loading to local tributaries and the Red River main stem?

This project will reduce pollutant loads (TSS, TP, *E. coli*, and other pollutants) to AUID 09020303-513 of the Red Lake River (13.66 miles) by filtering pollutants from stormwater runoff. Water quality improvements to this portion of the Red Lake River will also help reduce pollutant loads in downstream portions of the river like AUID 09020303-504 (20.88 miles) that are impaired by high TSS. AUID 09020303-504 was identified (in the 1W1P and WRAPS) as a priority for restoration efforts because it was one of the TSS-impaired portions of the river that was closest to meeting the applicable water quality standard.

High concentrations of TSS have been measured in stormwater runoff at the project location. The RLWD and project partners are proposing to reduce an estimated 4.4 tons/year of TSS and 28.4 lbs./year of TP (total phosphorus) entering the Red Lake River through the Thief River Falls Oxbow Restoration Project. Removing the large quantity of lime sludge and implementing sediment intercepting manholes as a way to collect pollutants before they enter the oxbow and protect water quality in the Red Lake River.

The National Wetland Inventory (NWI) data shows the oxbow restoration area as a Freshwater Emergent Wetland. Improving the oxbow by redefining the channel would result in a higher functioning wetland with improved filtration, residence time, and nutrient uptake. There will be a greater volume of open water in the wetland and it will slow velocities, allow for settling of pollutants, and reduce nutrients through nutrient uptake from plants. This improved filtration would help improve water quality in the river. In addition to addressing water quality in stormwater runoff, this project will also improve the quality of habitat within the oxbow wetland.

7. Relation to Local Plans: Please describe how your project relates to or meets goals and objectives in local water management plans and how water quality will be improved in tributary streams or other water bodies.

The City of Thief River Fall's stormwater goals are to intercept both sediment and trash before it enters the wetland complex. The restoration of the oxbow is part of the scope of the project but removing these pollutants before they reach the wetlands is just as important. Installing settling basins/trash traps or treatment chambers such as a Contech CDS system help maintain the health of the wetland over time. All this in turn helps to treat stormwater so that it is not contributing to a degradation of water quality and exceedances of water quality standards in the Red Lake River. This project addresses goals are documented in several plans and reports:

Thief River Falls Water Quality Study:

The Thief River Falls Water Quality Study quantified the amount of sediment and pollutants entering Thief River and Red Lake River from surface runoff within the city of Thief River Falls, identified three sites that were experiencing major river bank erosion, and targeted locations where Best Management Practice (BMP) projects could efficiently deliver measurable water quality benefits. Retrofit of this oxbow wetland was identified as one of the recommended BMPs in the 2017 Thief River Falls Water Quality Study: This existing wetland within an old oxbow currently collects runoff from a large residential area via a 54-inch and other storm sewers. Treatment in the existing wetland will be increased by providing detention via a controlled outlet structure and reconstruct of portions of the wetland. Ponding areas and native wetland vegetation will also provide additional treatment. Restoration may require the disposal of lime sludge within the site. The study estimated that the wetland area could have a TSS removal efficiency of 96%, which would increase the effectiveness of the current wetland by 3.3 tons/year. The study estimated that the wetland area could have a 65% TP removal efficiency, which would reduce loading to the Red Lake River by 24.4 pounds/year compared to current conditions. The current wetland, as proven in sediment core analysis, has been removing sediment from stormwater runoff for many years. The capacity to remove that sediment, however, has been diminishing. The project was ranked sixth of the fifteen BMPs that were recommended by the study based on pollutant removal rate and the project's cost-effectiveness. The top three projects recommended by the study have already been funded by a BWSR Clean Water Fund Grant. The fourth and fifth ranked projects are located on private property. After the top three ranked projects recommended by the study, this project is the next highest ranked project that is located on land that is either publicly owned or under a city easement.

Red Lake River TMDL:

Stormwater runoff within the city of Thief River Falls, particularly areas that enter the river downstream of the Thief River Falls dam, was identified as a source of sediment loading to the Red Lake River in the Red Lake River Watershed Total Maximum Daily Load (TMDL) in Sections 4.1.1 and 4.1.2. HSPF-SAM modeling of the watershed (Section 4.1.2 of the TMDL) showed that TSS yields are relatively high from developed areas (stormwater runoff).

Red Lake River WRAPS:

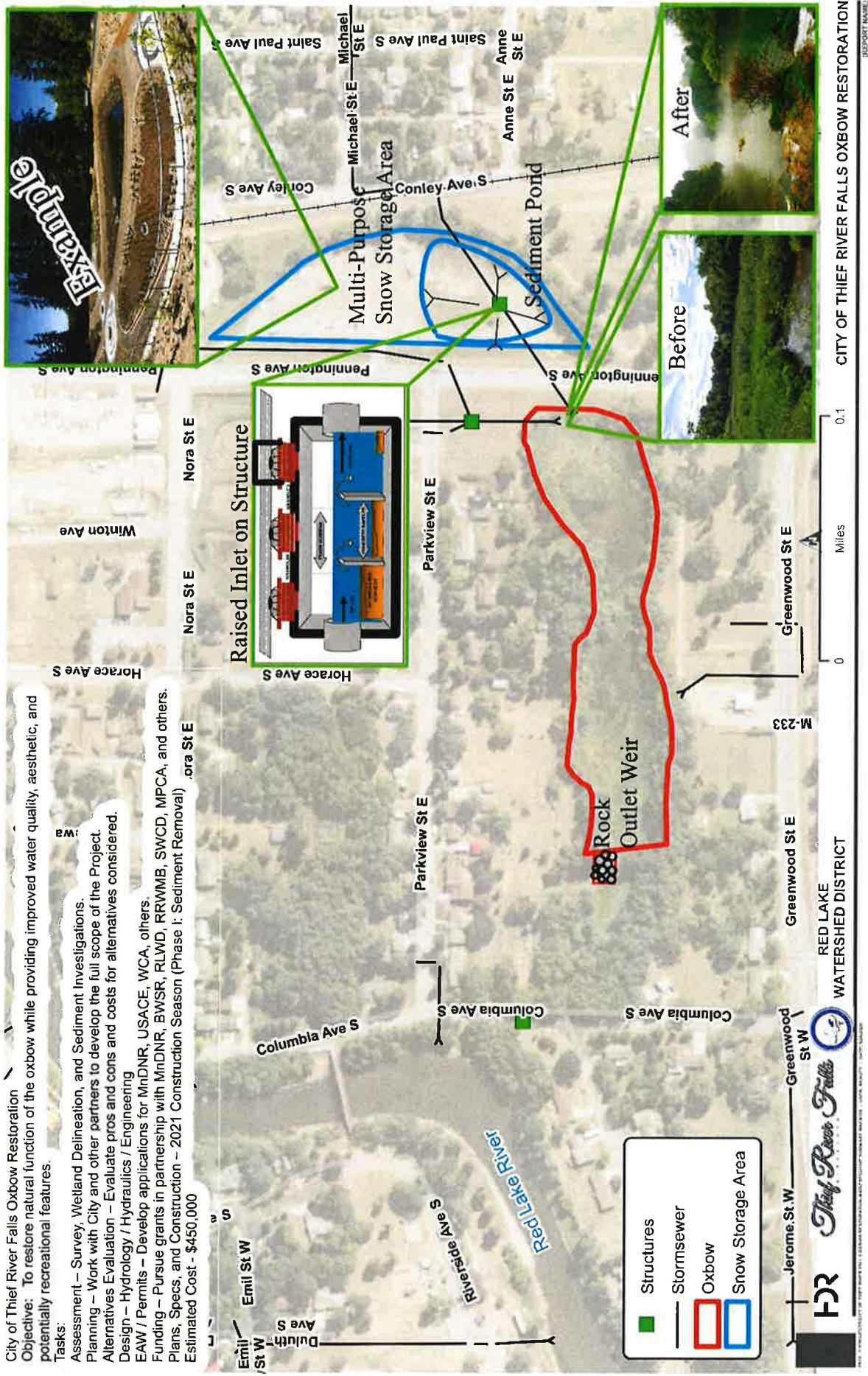
Table 3-4 of the Red Lake River Watershed Restoration and Protection Strategy (WRAPS), 09020303 Red Lake River Watershed-Wide Restoration and Protection Strategies, recommends strategies that promote infiltration, retention, and extended detention practices in new and existing urban developments based on current stormwater BMPs in cities of Thief River Falls, St. Hilaire, Red Lake Falls, Crookston, Fisher and East Grand Forks. Table 3-6, Restoration and Protection Strategies for the 09020303 Red Lake River HUC10, recommends stormwater filtration in the city of Thief River Falls. Stormwater runoff was identified as a source of total suspended solids and *E. coli* in the Red Lake River.

Red Lake River 1W1P:

The Red Lake River One Watershed One Plan (1W1P) includes a priority statement for the issue of altered hydrology that states “promote infiltration, retention, extended-detention practices in new and existing urban developments based on current stormwater best management practices” in Table 6-2.

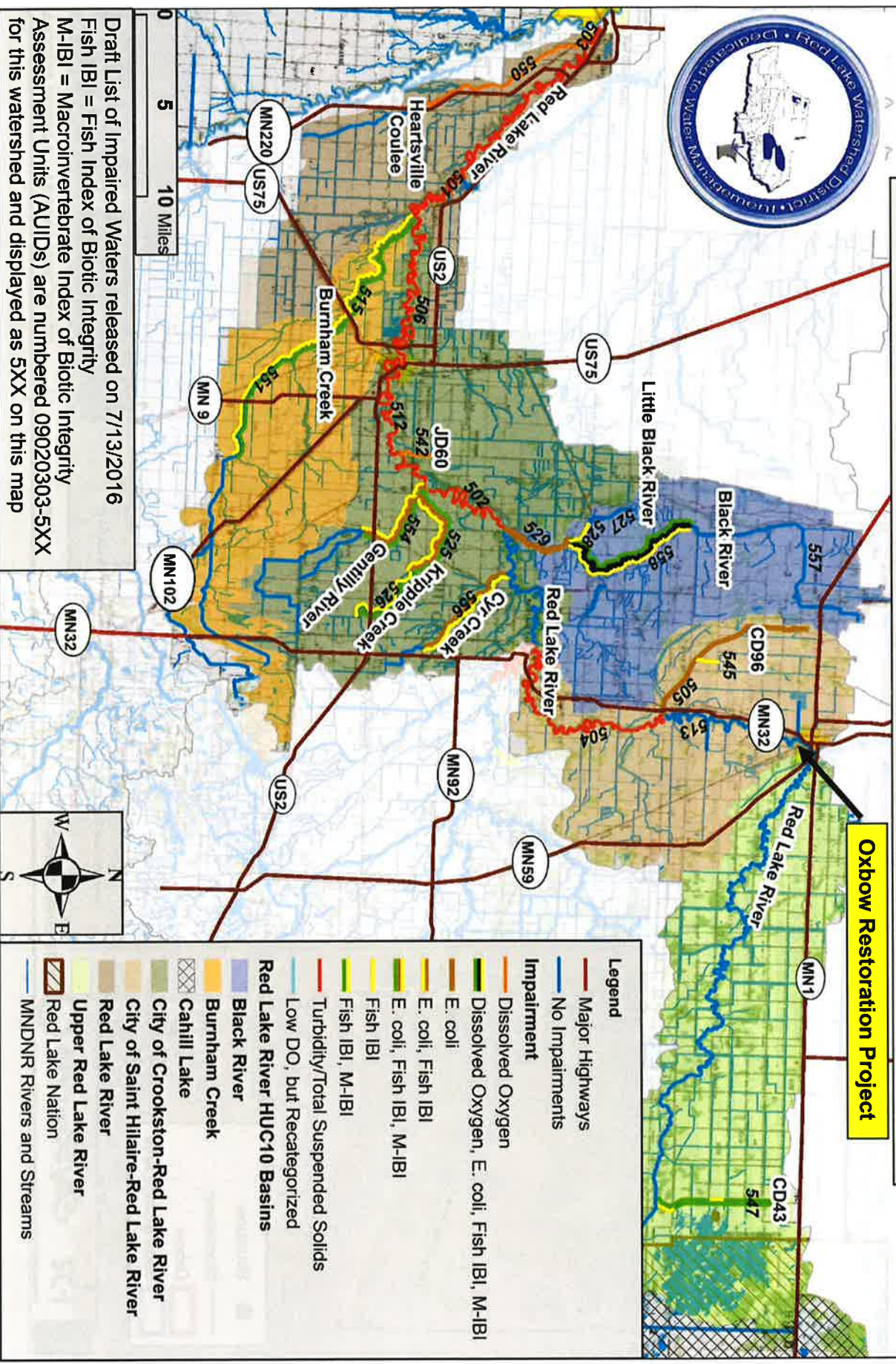
Treatment of stormwater runoff in the City of Thief River Falls is also addressed in multiple locations within the [Red Lake River \(Thief River Falls - Crookston\) and Black River EPA Nine Element Plan](#).

8. Project Area Map: The following maps show the project location and the locations of water quality impairments in the Red Lake River watershed. Water quality will be protected within AUD 09020303-513 (13.66 miles) and the project will help progress toward restoration of the TSS impairment in AUD 09020303-504 (20.88 miles long)



Red Lake River Watershed (09020303)

2020 Aquatic Life and Recreation Impairments



Draft List of Impaired Waters released on 7/13/2016
 Fish IBI = Fish Index of Biotic Integrity
 M-IBI = Macroinvertebrate Index of Biotic Integrity
 Assessment Units (AUIDs) are numbered 09020303-5XX
 for this watershed and displayed as 5XX on this map

Legend

- Major Highways
- No Impairments
- Impairment
- Dissolved Oxygen
- Dissolved Oxygen, E. coli, Fish IBI, M-IBI
- E. coli
- E. coli, Fish IBI
- E. coli, Fish IBI, M-IBI
- Fish IBI
- Fish IBI, M-IBI
- Turbidity/Total Suspended Solids
- Low DO, but Recategorized
- Red Lake River HUC10 Basins
- Black River
- Burnham Creek
- Cahill Lake
- City of Crookston-Red Lake River
- City of Saint Hilaire-Red Lake River
- Red Lake River
- Upper Red Lake River
- Red Lake Nation
- MNDNR Rivers and Streams

9. Project Duration and Maintenance: What is the life expectancy of your project and how will the project be maintained? Please explain your plan to maintain, expand, or enhance the project in the next 5 years. Include costs for operations and maintenance in addition to initial project construction.

The oxbow restoration efforts would have a life expectancy of 50+ years. Routine maintenance (removal of organics) or aeration might be needed to maintain the wetland's effectiveness for removing nutrients. The structure used to intercept pollutants before they get to the oxbow should be inspected after every heavy rain event and cleaned out when deemed necessary. Detailed operating procedures for these structures will be developed as the project progresses. The settling pond near the snow dumping area drain will be constructed so that it is relatively easy to clean-out if needed.

Upstream portions of the stormwater drainage system that brings water to the oxbow will be targeted for stormwater BMPs. Reducing the amount of stormwater runoff and reducing the amount of pollutants in that runoff will be important for extending the longevity of this project.

10. Drinking Water Benefits: Does the proposed project include protection or improvement of a surface water used for a community drinking water source?

The project will result in water quality benefits in Red Lake River downstream from the project location. The Red Lake River is used as a source of drinking water for the city of East Grand Forks.

11. Other Project Benefits: Please describe if the project will create opportunities for other types of benefits, such as flood damage reduction, or natural resource enhancements apart from water quality benefits.

Sediment has been deposited in the oxbow for decades, mainly through the historical transfer of supernatant (water with lime sludge particles) that overflowed from the City of Thief River Falls Water Treatment Plant lime sludge ponds. This accumulation of sediment is impeding the flow of stormwater to the Red Lake River. A survey of the sludge depth showed more than four feet of sediment built up at the stormwater pipe outlet. This also causes concern for the shortened lifespan of the City's inundated stormwater outlet infrastructure due to freeze – thaw cycles when the outlet pipes are full of water.

Removing the sediment to restore the wetland reduces a flooding problem that the city has had for years. Large rain events are known to quickly overtop the 54" inlet pipe and cause backwater effects. The area is currently aesthetically unpleasant and is not acting as a good storage area for the city stormwater system. Restoration of the oxbow would fix these issues. It is anticipated that the sediment removal will increase the volume of water that is stored in the wetland. The project should not increase downstream flooding, but rather, could have a very small flood damage reduction benefit.

The Red Lake River is used for aquatic recreation, including swimming, paddling, and tubing. The river's importance for recreation was demonstrated by the formation of the Red Lake River Corridor Enhancement Joint Powers Group and its designation as a trail of regional significance by the Greater Minnesota Regional Parks & Trails Commission. High concentrations of *E. coli* bacteria in waterways can impair the safety of aquatic recreation. Very high (greater than the laboratory's maximum reporting limit) have been recorded in stormwater runoff within the city of Thief River Falls. Projects like this one are important for increased filtering of runoff to reduce *E. coli* loading before runoff enters the river.

This project will improve open-water habitat for waterfowl and aquatic life. Removal of hybrid cattails will

allow for the growth of more beneficial aquatic vegetation. The project will provide opportunities to improve upland habitat through native plantings. Open water, native plantings, and discrete trash removal (by the below-ground hydrodynamic separators) will improve the aesthetics of the area. The improved aesthetics will turn the pond into an amenity that could potentially be connected to the city's walking/biking trail system through future trail expansion projects (a gap currently exists along Pennington Ave, between Greenwood Street and the Hugo's grocery store where pedestrians have to walk along the busy street). Native plantings could provide educational opportunities and ways to connect people to the outdoors through demonstration plantings, educational signage, and/or service club projects.

12. Monitoring Plan: Describe your plan for quantitative monitoring and documentation of project benefits.

The hydrodynamic separators, settling pond, and other future projects constructed to retain pollutants and debris from entering the oxbow will be regularly monitored and cleaned to ensure proper function of the system. The RLWD office is located less than 1/3 mile south of the project area. District water quality staff will continue efforts to collect stormwater samples during runoff events. In addition to the stormwater outlet that flows into the oxbow, the District will also collect samples at the outlet of the oxbow. Other accessible stormwater outlets will also be sampled to help prioritize future project needs. This program would provide beneficial data for future urban restoration projects in the Valley. Regular water quality samples (TP, orthophosphorus, TSS, total Kjeldahl nitrogen, ammonia nitrogen, nitrates & nitrites, and *E. coli*) are collected from AUIDs 09020303-513 and 09020303-504 Red Lake River downstream of the project at the Greenwood Street Bridge in Thief River Falls (S006-225), CSAH 3 Bridge at St. Hilaire (S003-942), and CSHA 13 Bridge at Red Lake Falls (S003-172) by the RLWD and the Pennington SWCD.

13. Leveraging of Funds: Will the project leverage funds from other sources? Please list all funding sources in Table 1 Below:

Table 1. Project Funding Sources:

Funding Source	Amount	Percentage	Comments
Federal			
State			
Local	\$334,000	66.8%	City of TRF and RLWD
RRWMB	\$166,000	33.2%	Competitive WQ grant
Other (NGO, Etc.)			
TOTAL	\$500,000		

14. Project Timeline (Please describe the proposed project timeline):

- Project Survey: Completed
- Preliminary Design: Completed
- Final Design, EAW, and Permitting: 2020-2021
- Oxbow Restoration construction: 2021.

15. Additional Information (Please list or discuss any other information that you wish to submit as part of this application):



- 18. Municipal Contracting Law:** Per Minn. Stat. § 471.345, Grantee must follow the Uniform Municipal Contracting Law. Supporting documentation of the bidding process utilized to contract services must be included in Grantee's financial records, including supporting documentation justifying a single/sole source bid, if applicable.
- 19. Monitoring:** The RRWMB will be allowed by Grantee to conduct periodic site visits and inspections to ensure progress of work in accordance with this Agreement, including a final inspection upon **Project** completion. Following closure of the **Project**, the RRWMB's authorized representative, or an individual acting on the authorized representative's behalf, will be allowed to conduct post-completion inspections of the site to ensure that the site is being used and operated in conformance with the Work Plan and that no conversion of use has occurred.
- 20. Choice of Law, Venue, and Jurisdiction:** Minnesota law, without regard to its choice-of-law provisions, governs this Agreement. Venue for all legal proceedings out of this Agreement is Norman County, MN.
- 21. Whole Agreement:** The entire agreement between the two parties is contained herein and this agreement supersedes all oral agreements and negotiations relating to the subject matter hereof. Any modification of this agreement is valid only when reduced to writing as an amendment to the agreement and signed by the parties hereto.

IN WITNESS WHEREOF, intending to be legally bound, the parties hereto execute and deliver this Agreement.

Red River Watershed Management Board

BY: John Finney (Print)

John M. Finney (Signature)

TITLE: President

DATE: September 15, 2020



**EXHIBIT A
SUBMITTED APPLICATION BY THE RED LAKE WATERSHED DISTRICT
FOR THE
THIEF RIVER FALLS OXBOW RESTORATION AND
STORMWATER TREATMENT PROJECT**



Permit # 20-225

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Edgar Miller		17496 380th Avenue NE Goodgridge, MN 56725		tel:218-378-4504 mobile: 218-689-4991 fax:

General Information

(1) The proposed project is a:

**Culvert Installation / Removal / Modification
Dike / Levee**

(2) Legal Description

(3) County: **Pennington** Township: **Reiner** Range: **39** Section: **32 1/4: N1/2 NE1/4**

(4) Describe in detail the work to be performed. **Install berm and side water inlet culverts in conjunction with Pennington SWCD office.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water backs-up after rain event.**

Status

Status	Notes	Date
Approved	Revision of Comments	Oct. 7, 2020

Conditions

REVISED - Red Lake Watershed District (RLWD) approval to create field berms around the perimeter of parcel number 1402911300 and install side water inlet culverts, as per Pennington County Soil & Water Conservation District design. Berms shall be a minimum of 1.0' lower than adjacent roads. If any work is within the Minnesota Department of Transportation Trunk Highway #1 right-of-way, applicant shall contact them for their approval and meet their spec's/conditions. Applicant shall provide exterior drainage around the berm for neighboring lands, per approval of adjacent landowners, and not impede drainage. 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.



Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Paul Hansen		43679 200th Street SW East Grand Forks, MN 56721		tel:218-289-2743 mobile: fax:

General Information

(1) The proposed project is a:

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

(2) Legal Description

(3) County: **Polk Township: Huntsville Range: 49 Section: 30 1/4: NW1/4 NE1/4**

(4) Describe in detail the work to be performed. **Regrade ditch to get the proper slope to allow water to drain properly. This will involve removing and resetting the same culverts.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Water backs up into our property and will not drain, water will sit and cause damage to buildings due to improper drainage.**

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 8, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean a south township road ditch. Applicant is approved to remove a 15" diameter field entrance culvert and replace it with a 24" diameter culvert. Applicant shall contact Huntsville Township and meet their specs/conditions; proposed work is within township road 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, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # **20-231**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Red Lake County Highway Department	204 7th Street SE Red Lake Falls, MN 56750		tel:218-253-2697 mobile: 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: **36 1/4: NE1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 16, 2020

Conditions

RLWD approval to replace a 24" diameter centerline culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-232

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jessica Hanson		20997 140th Street SE Plummer, MN 56748		tel: mobile: 218-684-0976 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: **27 1/4: NW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 17, 2020

Conditions

RLWD approval to replace an 18" diameter driveway culvert, in kind, as per approval of Red Lake County Highway Department, proposed work is within County State Aid Highway #20 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-233

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Monte Casavan		16448 140th Avenue SW Red Lake Falls, MN 56750		tel: mobile: 218-689-7203 fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Pennington** Township: **Black River** Range: **44** Section: **18 1/4: SW1/4 SW1/4**

(4) Describe in detail the work to be performed. **Remove silt from ditch - west side of Section east of County Road 12 and north side of minimum maintenance road.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Ditch is silted in with sediment.**

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 17, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean sediment out of a road ditch in two locations, as per approval of Pennington County Highway Department; proposed work is within county road right-of-way. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded. 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 # 20-234

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Duane Knott		21875 110th Avenue SW Red Lake Falls, MN 56750		tel: mobile: 218-689-3092 fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Lake Pleasant** Range: **44** Section: **10 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Clean road ditch. Move field crossing. Installation of centerline culvert.**

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

Status

Status	Notes	Date
Approved		Sept. 22, 2020
Received		Sept. 17, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean the north and south county road ditch, and to install an 18” diameter centerline culvert, as per approval of Red Lake County Highway Department; proposed work is within county road #112 right-of-way. The applicant shall clean the south road ditch to the provided grade prior to installing the centerline culvert. 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, there shall be no vertical excavation faces. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of any culvert that is lowered or replaced. 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 # **20-235**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Peggy Clow		19253 US Hwy 59 NE Thief River Falls, MN 56701		tel: mobile: 218-686-0954 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **North** Range: **43** Section: **17 1/4: NW1/4 NW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 18, 2020

Conditions

Red Lake Watershed District (RLWD) approval to remove a failing 18" diameter driveway culvert and replace it with a 24" diameter culvert, as per approval of the Minnesota Department of Transportation; proposed work is within Trunk Highway #59 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-237

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Darin Glass	28190 160th Avenue SE	Mentor, MN 56736		tel: mobile: 218-289-0047 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk Township: Grove Park Range: 43 Section: 3 1/4: W1/2 NE1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 21, 2020

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'gravity' outlet. If any work is within a public road and/or public ditch right-of-way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Note: Please be aware of and review the 'bullet points' on the bottom half of the application. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) 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 # 20-240

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: 218-686-9298 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Star** Range: **39** Section: **10 1/4: SW1/4 SE1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 7, 2020
Received		Sept. 21, 2020

Conditions

RLWD approval to replace an 18" diameter centerline culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-241

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: 218-686-9298 fax:

General Information

- (1) The proposed project is a:
Culvert Installation / Removal / Modification
- (2) Legal Description
- (3) County: **Pennington** Township: **Star** Range: **39** Section: **28 1/4: NE1/4**
- (4) Describe in detail the work to be performed. **Replace existing 36" driveway crossing.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Culvert failure.**

Status

Status	Notes	Date
Approved		Oct. 7, 2020
Received		Sept. 21, 2020

Conditions

RLWD approval to replace a 36" diameter driveway culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted 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 # 20-242

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Duane Anderson		47059 110th Street SW East Grand Forks, MN 56721		tel: mobile: 218-779-0395 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: Grand Forks Range: 50 Section: 10 1/4: NW1/4 NE1/4**

(4) Describe in detail the work to be performed. **Clean ditch bottom and replace field crossing and culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Improvement drainage of ditch. Widen field crossing. Increase culvert size and clean ditch to prevent water backing into field causing crop loss.**

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 21, 2020

Conditions

Red Lake Watershed District (RLWD) approval to remove an existing 18" diameter field entrance culvert and replace it with a 36" diameter culvert, and to clean the south road ditch bottom, as per approval of Grand Forks township; proposed work is within township road right-of-way. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. Flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-243

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Grand Plain Township	24657 230th Street NE Goodridge, MN 56725		tel: mobile: 218-689-4231 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall** Township: **Grand Plain** Range: **41** Section: **13 1/4: SW1/4 SE1/4**

(4) Describe in detail the work to be performed. **Replace washed out culvert through 250th Street NE.**

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 21, 2020

Conditions

RLWD approval to remove and replace an 18" diameter centerline culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted 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 # 20-244

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: 218-686-9298 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Deer Park** Range: **40** Section: **7 1/4: SW1/4 SW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 7, 2020
Received		Sept. 22, 2020

Conditions

RLWD approval to replace a 24" diameter centerline culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-245

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: 218-686-9298 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Deer Park** Range: **40** Section: **7 1/4: SW1/4 SW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 7, 2020
Received		Sept. 22, 2020

Conditions

RLWD approval to remove an 18" diameter centerline culvert and replace it with a 24" diameter culvert. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-246

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: 218-686-9288 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Pennington** Township: **Deer Park** Range: **40** Section: **7 1/4: SW1/4 SW1/4**

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

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

Status

Status	Notes	Date
Approved		Oct. 7, 2020
Received		Sept. 22, 2020

Conditions

RLWD approval to replace a 24" diameter centerline culvert, in kind. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-247

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Keystone Township	13256 380th Avenue SW East Grand Forks, MN 56721		tel:218-779-8226 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Keystone** Range: **48** Section: **15 1/4: SW1/4**

(4) Describe in detail the work to be performed. **Replace existing 24" concrete culvert with a 40" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing culvert is deteriorating, causing a hole in the road and slope of the ditch.**

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 22, 2020

Conditions

RLWD approval to remove a 24" diameter centerline culvert and replace it with a 30" diameter culvert. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # **20-248**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Greg Hilgeman		32470 140th Street SE Oklee, MN 56742		tel:218-796-5395 mobile: 218-686-1059 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Deer Park** Range: **40** Section: **17 1/4**:

(4) Describe in detail the work to be performed. **Install pattern tile with lift station pump.**

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

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 28, 2020

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with a 'pump' outlet. If any work is within a public road and/or public ditch right-of-way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlet. Note: Please be aware of and review the 'bullet points' on the bottom half of the application. 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 # **20-249**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Red Lake County Highway Department	204 7th Street SE Red Lake Falls, MN 56750		tel:218-253-2697 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Lambert** Range: **41** Section: **22 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Install new crossing with 24" culvert.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Gravel is going to be excavated where existing crossing is at.**

Status

Status	Notes	Date
Approved		Oct. 6, 2020
Received		Sept. 29, 2020

Conditions

RLWD approval to install a 24" diameter culvert. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted 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 # 20-250

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jeremiah Johnson		32418 180th Street SE Oklee, MN 56742		tel: mobile: 218-686-3099 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Equality** Range: **40** Section: **29 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Replace 24" centerline culvert.**

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

Status

Status	Notes	Date
Approved		Oct. 5, 2020
Received		Sept. 30, 2020

Conditions

Red Lake Watershed District (RLWD) approval to remove and replace a 24" diameter centerline culvert, in kind, as per approval of Red Lake County Highway Department; proposed work is within county road #135 right-of-way. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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 # 20-253

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Dennis Kainz		19385 250th Ave NE Goodridge, MN 56725		tel:218-686-3462 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		Oct. 6, 2020
Received		Oct. 1, 2020

Conditions

Site 1 - Red Lake Watershed District (RLWD) approval to clean a north road ditch, as per approval of adjacent road authority; proposed work is within a legal road right-of-way. Site 2 - RLWD approval to remove and replace an 18" diameter field entrance culvert, in kind, as per approval of adjacent road authority; proposed work is within a legal road 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. Flow patterns shall not be changed or diverted. Applicant shall ensure that all disturbed areas are seeded and that rock riprap with filter fabric is placed at the outlet end of the permitted culvert. 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.

Dave Marshall
332 South Main St
Gully, MN 56646

September 25, 2020

Myron Jesme
Administrator
Red Lake Watershed District
1000 Pennington Ave. S.
Thief River Falls, MN 56701

To Mr. Jesme,

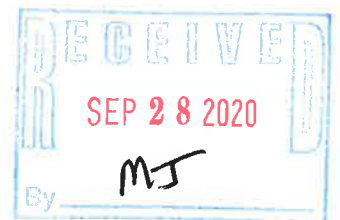
The purpose of this letter is to resign from my employment with Red Lake Watershed District.

My final day is October 8, 2020. With direction, I will organize projects that are in progress leaving things in order for coworkers. I hope some of the training and efforts I have contributed in the short time I was here was beneficial for the district and employees.

Sincerely,



Dave Marshall



Red Lake Watershed District - Administrators Report

October 8, 2020

Red River Watershed Management Board – LeRoy and I will be attending the RRWMB October 20, 2020 via Microsoft Teams. I assume LeRoy will be attending in person if he so desires.

Red Lake River 1W1P – We will be holding a Planning Workgroup meeting most likely October 13th in preparation of the Policy Committee meeting which will be held at 9:30 am October 21st via Zoom and in person based on individual preference.

There is a telephone conference/Teams meeting at 2:00 pm today concerning some new BWSR rules being developed which some watershed districts are seeing as an overreach of BWSR concerning reviewing and reporting of Ten Year Overall Plans. There is a fear with 1w1p funds being implemented in Watershed Comprehensive Plans, BWSR is going to request Watershed District to defend implantation of the plan that we are not presently overseeing. An example would be that some watershed districts may not have partnerships that we have and if something is promised in the plan that is not typical to watershed districts projects, they would still have to explain why something in the plan is not being implemented. Slightly confusing I know but maybe the meeting today will shed more light on the subject.

Red Lake Dam Operation – We were informed by the USACOE Tuesday October 6, 2020 in the afternoon, that they would be increasing their outlet flows at the dam from approximately 650 cfs to 800 cfs. The reading on the gauge at Highland at that time was 5.85 so will be interesting to see how the new outflow will affect that gauge.

City of Crookston Wetland Banking – After chasing a lost check for a few months, the payment from the City of Crookston was received in the amount of \$1,112.00 for the wetland banking withdrawal and fees approved by the Board for the Gentilly Bridge River access to the Red Lake River.