

RED LAKE WATERSHED DISTRICT

September 10, 2020

Agenda

9:00 a.m.

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	August 27, 2020 Minutes	Action
	Financial Report dated September 9, 2020	Action
	Investment Summary	Information
	Health and Dental Insurance	Information
	Proposed 2021 Special Revenue Projects Levy	Action
	Ditch 16, RLWD Project No. 177-Pay Estimate No. 7	Action
	Damage Payment Discussion	Information
	Thief River Falls Westside FDR Project, RLWD Project No. 178	Information
	Pay Estimate No. 9	Action
	Change Order No. 5	Action
	Change Order No. 6	Action
	Improvement to Polk County Ditch 39, RLWD Project No. 179	Information
	Black River Impoundment, RLWD Project No. 176	Information
	Ditch 10, RLWD Project No. 161-Outlet Repairs	Information
	Moose River Impoundment, RLWD Project No. 13-North Structure	Information
	Burnham Creek, RLWD Project No. 43B-Hanson Crossing-Update	Information
	Brandt Impoundment, RLWD Project No. 60D-Salentine	Information
	Ditch 15, RLWD Project No. 175/RLWD Permit No. 20-185, Gary Pulkrabek/Dacian Bienek	Info./Action
	Table Permit No. 20-159 and 20-161, William Langlois	Action

Permit Extension No. 2019-181, Wayne Vettleson	Action
Permit Extension No. 2019-129, Tim Chaput	Action
Amend Permit No. 20104, KAM Farmland Holdings GP	Action
Permits: No. 20195, 20198-20204, 20210, 20211, 20213, 20215, 20217	Action
COVID 19 Preparedness Plan	Info./Action
Administrators Update	Information
Legal Counsel Update	Information
Managers' updates	Information
Adjourn	Action

UPCOMING MEETINGS

September 15, 2020	RRWMB Meeting, 10:00 a.m.
September 24, 2020	RLWD Board Meeting, 9:00 a.m.
October 8, 2020	RLWD Board Meeting, 9:00 a.m.
October 22, 2020	RLWD Board Meeting, 9:00 a.m.

RED LAKE WATERSHED DISTRICT
Board of Manager's Minutes
August 27, 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, and Brian Dwight. Absent: Les Torgerson. Staff Present: Myron Jesme and Tammy Audette and Legal Counsel, Delray Sparby.

The Board reviewed the agenda. Motion by Tiedemann, seconded by Ose, and passed by unanimous vote that the Board approve the agenda. Motion carried.

The Board reviewed the August 13, 2020 minutes. Motion by Dwight, seconded by Tiedemann, to approve the August 13, 2020 Board meeting minutes as presented. Motion carried.

The Board reviewed the Financial Report dated August 26, 2020. Motion by Sorenson, seconded by Page, and passed by unanimous vote to approve the Financial Report dated August 26, 2020 as presented.

The Board reviewed Pay Estimate No. 6 in the amount of \$134,980.18 to Burski Excavating, Inc., for construction of RLWD Ditch 16, RLWD Project No. 177. Motion by Tiedemann, seconded by Sorenson, to approve Pay Estimate No. 6 to Burski Excavating, Inc., in the amount of \$134,980.18 for construction of RLWD Ditch 16, RLWD Project No. 177. Motion carried.

The Board reviewed Pay Estimate No. 8 in the amount of \$335,826.90 to R.J. Zavoral and Sons, Inc. for construction of the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project No. 178. Motion by Ose, seconded by Tiedemann, to approve Pay Estimate No. 8 in the amount of \$335,826.90 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 stated that he has been working with Polk County and the bonding company for construction of RLWD Ditch 17, RLWD Project No. 179. Once the 30-day appeal period is complete, bonding for the project will proceed.

Legal Counsel Sparby presented the Order for Establishment of the Black River Impoundment, RLWD Project No. 176. Motion by Page, seconded by Sorenson, to approve the Order for Establishment of the Black River Impoundment, RLWD Project No. 176, authorizing President Nelson, and Secretary Ose, the authority to sign said document. Motion carried. Engineer Tony Nordby, Houston Engineering, Inc., reviewed the Plans and Specifications and Advertisement for Bids for the Black River Impoundment. Motion by Ose, seconded by Page, to approve the Plans and Specification for construction of the Black River Impoundment, RLWD Project No. 176, and set a Bid Opening for September 24, 2020 at 9:30 a.m. at the District office. Motion carried. Nordby stated that a Pre-Bid meeting will be held on September 10, 2020 at 1:30 p.m. at the District office. Administrator Jesme discussed the 2020 Tax Statements and estimated

market value of property within the project area, along with the breakdown of woods and agricultural land. Jesme will send letters to the landowners, requesting the landowners to contact the District.

Engineer Jake Huwe, HDR Engineering, Inc., presented information on the Burnham Creek-BR6 Wildlife Pool Structure Replacement, RLWD Project No. 43A. Huwe stated a joint in the structure that helps to maintain the wildlife pool level is coming apart due to shifting of the footings. A portion of the funding for the project is through a Conservation Partners Legacy Grant. Total cost of the project is \$186,300.00. Huwe reviewed the bidding schedule, requesting that bids be opened on September 22, 2020 at 9:30 a.m. at the District office, and then present them to the Board on September 24, 2020 for approval. Project construction completion date is scheduled for November 5, 2020. Motion by Tiedemann, seconded by Dwight, to approve the Plans and Specifications for the Burnham Creek-BR6 Wildlife Pool Structure Replacement, RLWD Project No. 43A, and set the Bid Opening for 9:30 a.m. on September 22, 2020 at the District office, with Board action at the September 24, 2020 meeting. Motion carried.

Manager Tiedemann stated that he had spoken with Robin Brekken, Hammond Township, regarding replacement of the damaged culverts, known as the Hanson Crossing, on the Burnham Creek Project, RLWD Project No. 43B. Brekken stated that he would speak to his constituents regarding the matter. Tiedemann suggested working with the township to apply for state bridge funds for replacement of the culverts. Administrator Jesme will contact Mr. Brekken regarding the matter.

At 9:30 a.m., President Nelson recessed the general meeting and called the 2021 General Fund Budget Hearing to order. President Nelson noted that the hearing was properly advertised and is on videotape and available for viewing at the RLWD office. The Board reviewed the proposed General Fund Budget and opened the hearing for public comment. Administrator Jesme and Staff member Arlene Novak discussed adding an additional \$5,000 to Insurance and Bonds due to increase of Liability Insurance. Hearing no public comment, the hearing closed at 9:35 a.m. A motion was made by Tiedemann, seconded by Ose, and passed by unanimous vote that the Board approve the following 2021 General Fund Budget to include an increase of \$5,000 to Insurance and Bonds:

	2021 BUDGET
Manager's fees and salaries	\$ 40,400.00
Board of managers' expense	24,200.00
Staff salaries	558,000.00
Payroll taxes	42,687.000
Employee benefits	85,000.00
Travel and meetings	5,000.00
Audit	9,450.00
Legal	16,000.00
Office supplies	20,000.00
Office equipment	30,000.00

Appraisers and Viewers	2,000.00
Professional services	20,000.00
Dues and subscriptions	10,000.00
Insurance and bonds	30,000.00
Repairs and maintenance-building	15,000.00
Utilities	12,000.00
Advertising and publications	4,000.00
Telephone	13,000.00
Vehicle expense & maintenance	15,000.00
Engineering supplies	3,000.00
Engineering equipment	<u>40,000.00</u>
TOTAL	\$ 994,337.00
LESS: ESTIMATED OVERHEAD	(837,000.00)
LESS: MISCELLANEOUS REVENUE	<u>(7,000.00)</u>
2021 GENERAL FUND BUDGET	\$ 150,337.00

Administrator Jesme stated that the District staff has surveyed the spillway of the Brandt Impoundment, RLWD Project No. 60D along with design of spoil bank at the upstream portion of the Brandt Impoundment inlet channel, regarding Ron Salentine's concerns and will have red line set of plans prepared for the next Board meeting.

The District was informed that funding in the amount of \$84,412.86 will be received from FEMA for repairs to the outlet structure of Ditch 10, RLWD Project No. 161. Engineer Tony Nordby, Houston Engineering, Inc., is working on permitting with the U.S. Army Corps of Engineers.

Staff member Christina Slowinski and Dave Marshall presented information on an erosion problem that is forming in Section 10, Andover Township, Polk County as it outlets into Polk County Ditch 63 Improvement Project, RLWD Project No. 134. Slowinski and Marshall have surveyed the area and originally developed plans which included a culvert drop structure. Upon investigation and staking the project, it became apparent that an open side inlet with rock riprap would be best to repair the gully at an estimate cost of \$5,000. Motion by Tiedemann, seconded by Page, to authorize District staff the authority to solicit quotes for repair in Polk County Ditch 63, RLWD Project No. 134. Motion carried.

Administrator Jesme updated the Board on the recent Planning Work Group (PWG) meeting held for the Red Lake River 1W1P, RLWD Project No. 149, where discussion was held on transferring of funds for projects that are ready to be constructed, but not in the original Work Plan, referencing the above erosion repair on Project No. 134.

The Board reviewed a funding request from the Red Lake SWCD for the Randy Myhre Water and Sediment Control Basin Project, located in Section 2, Terrebonne Township for a total project cost of \$7,092.00. The Red Lake SWCD is requesting cost share in the amount of

\$1,000.00 for construction from the 2020 Erosion Control Funds, RLWD Project No. 164. Motion by Page, seconded by Tiedemann, to approve cost share in the amount of \$1,000.00 for the Randy Myhre Water and Sediment Control Basin Project, from the District's Erosion Control Fund, RLWD Project No. 164. Motion carried.

The Board reviewed the permits for approval. Motion by Tiedemann, seconded by Page, to approve the following permits with conditions stated on the permit: No. 20130, Dave Faldet, Lessor Township, Polk County; No. 20160, William Langlois, Gentilly Township, Polk County; No. 20174, David Faldet, Lessor Township, Polk County; No. 20183, KAM Farmland Holdings, Badger Township, Polk County; No. 20187, Milton Bakken, Numedal Township, Pennington County; No. 20189, Monte Casavan, Louisville Township, Red Lake County; No. 20190, Maynard Solberg, Mayfield Township, Pennington County; No. 20192, Wylie Township, Pennington County; No. 20193, Lance Reitmeier/Barwin Farms, Fanny Township, Polk County; 20194, SMP Corporation, Emardville Township, Red Lake County; and, No. 20196 and 20197, Richard Froiland, Emardville Township, Red Lake County. Motion carried.

Manager Tiedemann discussed a washout at the Parnell Impoundment, RLWD Project No. 81, and potential of extending the berm to get the water to the outlet of the impoundment. Administrator Jesme will investigate the matter and report back to the Board.

Legal Counsel Sparby reported that a notice was served to the Polk County Auditor for an appeal to the Improvement of Polk County Ditch 39, RLWD Project No. 179. Discussion was held on who is liable for the costs of an appeal to a project. Legal Counsel Sparby will research the matter and report back to the Board.

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

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT
Financial Report for September 9, 2020

Ck#	Check Issued to:	Description	Amount
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	4,349.56
online	MN Department of Revenue	Withholding taxes	782.92
online	Public Employees Retirement Assn.	PERA	2,682.39
online	EFTPS	Withholding for FICA, Medicare, and Federal taxes	489.06
online	MN Department of Revenue	Withholding taxes	50.00
38374	Burski Excavating, Inc.	Pay estimate #6, RLWD Ditch 16	134,980.18
38375	RJ Zavoral & Sons, Inc.	Pay estimate #8, TRF Westside FDR	335,826.90
38376	BP Excavating, Mike Tiedemann	Remove beaver dam at Parnell outlet	160.00
38377	City of Thief River Falls	Electricity, water, sewer, etc.	746.62
38378	Les Cota	Mow Proj. 171A (TRF FDR Pjt., Eastside)	500.00
38379	The Exponent	2021 General Fund budget hearing ad (2x)	281.96
38380	Farmers Publishing Company	2021 General Fund budget hearing ad (1x)	39.65
38381	The Journal	2021 General Fund budget hearing ad (2x)	197.82
38382	League of MN Cities	Annual dues	1,975.00
38383	Les's Sanitation, Inc.	Garbage pickup	34.70
38384	Mahnomen Pioneer	2021 General Fund budget hearing ad (2x)	90.40
38385	Marco	Monthly copier maint.(\$138.15) & Telephone exp.(\$342.53)	480.68
38386	Matrix	Deferred Compensation	692.63
38387	MN Energy Resources Corp.	Heating expense	20.00
38388	NCPERS Group Life Ins.	Life insurance premium	128.00
38389	Dale M. Nelson	Mileage	66.70
38390	Northdale Oil Inc.	Car washes for vehicles	53.33
38391	Northland Fire Protection	Service,maint.and recertification of fire extinguishers, batteries	454.94
38392	Northwest Beverage, Inc.	H2O for office	30.75
38393	Northwestern Mutual Financial	Deferred Compensation	1,269.82
38394	The Pioneer	2021 General Fund budget hearing ad (2x)	216.00
38395	Richards Publishing Co.	2021 General Fund budget hearing ad (4 newspapers-1x)	180.00
38396	RMB Environmental Laboratories	Lab analysis of water quality samples	5,188.00
38397	Roseau Times-Region, Inc.	2021 General Fund budget hearing ad (2x)	321.30
38398	Jeremy Rychlock	Read, observe, operate gates, remove debris-Moose River pool	2,700.00
38399	Sjobergs Cable TV	Internet expense	106.95
38400	Speedee Delivery	Ship water quality samples	13.68
38401	Sun Life Financial	Life insurance premium	144.64
38402	Thirteen Towns	2021 General Fund budget hearing ad	149.36
38403	Gene Tiedemann	Mileage	291.25
38404	TRF Lock & Key	Replace entrance lever and lock-office/garage door	762.60
38405	Thief River Falls Times	2021 General Fund budget hearing ad	148.42
38406	Triple D Construction & Leasing, Inc.	* Remove/replace flapgates, install culvert flags	3,400.00
38407	Vonasek Mowing	**Mow ditch systems	4,625.00
38408	Warren Sheaf	2021 General Fund budget hearing ad (2x)	138.00
online	Blue Cross Blue Shield	Health insurance premium	10,122.50
online	Further	Medical FSA	60.00
direct	Brian Dwight	Mileage	326.60
direct	Terry Sorenson	Mileage	129.39
	Payroll		
	Check #12034-12046		14,717.71
	Total Checks		<u>\$ 530,125.41</u>

***Triple D Construction & Leasing, Inc.**

Proj. 161 RLWD Ditch 10	1,000.00
Proj. 115 Equality/Ditch 1	<u>2,400.00</u>
Total	3,400.00

***Vonasek Mowing**

Proj. 43B Burnham Creek	437.50
Proj. 81 Parnell Impoundment	1,250.00
Proj. 117 Johnson Petition	500.00
Proj. 121 Louisville Parnell	1,375.00
Proj. 133C Flood Storage Easement	312.50
Proj. 154 Parnell Storage Site	<u>750.00</u>
Total	4,625.00

Banking

Northern State Bank

Balance as of August 26, 2020	\$ 644,847.24
Total Checks Written	(530,125.41)
Receipt #989816 Northern State Bank-Monthly interest	<u>121.08</u>
Balance as of September 9, 2020	<u><u>\$ 114,842.91</u></u>

Current interest rate is .20%

American Federal Bank-Fosston

Balance as of August 26, 2020	\$ 3,533,712.64
Receipt #989817 American Federal Bank-Monthly interest	2,782.71
Receipt #989818 Loren/Marjean Sanderson-Reimburse for health & dental insurance	761.45
Receipt #989819 Unity Bank-Monthly interest on CDARS CDs	807.64
Receipt #989820 Unity Bank-Matured CD with interest	200,024.66
Receipt #989821 RRWMB-Proj. Acceleration Grant-Black River and Pine Lake (\$11,500 ea.)	23,000.00
Receipt #989822 RRWMB-Re-allocation of Flood Damage Reduction funds (Pine Lake & Black River)	6,443.71
Receipt #8787123 RRWMB-Pay request #5-TRF Westside FDR Project cost share	<u>294,810.84</u>
Balance as of September 9, 2020	<u><u>\$ 4,062,343.65</u></u>

Current interest rate is .75%

Red Lake Watershed District
as of September 9, 2020

<u>Name of Institution</u>	<u>Purchase/ Current Value</u>	<u>Int. Rate</u>	<u>Mat. Date</u>	<u>*Maturity Amount</u>
10010 Northern State Bank (checking)	\$ 114,842.91	0.20%		\$ 114,842.91
10030 American Federal Bank Fosston	\$ 4,062,343.65	0.75%		\$ 4,062,343.65
10710 CDARS-Poppy Bank & Park Nat'l Bank (int.pd monthly via check)	\$ 200,000.00	2.50%	10/1/2020	\$ 200,000.00
10740 Unity Bank-Red Lake Falls Interest paid quarterly	\$ <u>200,000.00</u>	0.84%	7/31/2021	\$ <u>201,680.00</u>
	<u>\$ 4,577,186.56</u>			<u>\$ 4,578,866.56</u>

2020, PAYABLE 2021, PROPOSED RLWD SPECIAL REVENUE PROJECTS

Pjt.#	Project Name	Fund Balance As of 01-01-20	Total '20 Exp. As of 7-31-20	2020 Levy	2020 Revenue to 7-31-20	Remain. '20 levy to collect	Anticipated Expenses	Potential Fund Balance Dec.2020	PROPOSED 2021 LEVY
2	Red Lake River	63,993.40	0.00	0.00	536.25	0.00	0.00	64,529.65	0.00
3	Clearwater River	32,525.97	0.00	0.00	2,962.48	0.00	0.00	35,488.45	0.00
4	Lost River	10,519.27	0.00	0.00	1,160.25	0.00	0.00	11,679.52	0.00
5	RLWD Ditch No. 1	(529.48)	(1,060.74)	3,000.00	2,199.10	0.00	7,500.00	(6,891.12)	8,000.00
7	RLWD Ditch No. 3	(585.91)	(707.19)	5,000.00	2,903.30	0.00	3,000.00	(1,389.80)	3,000.00
14	State Ditch 83	60,316.81	(1,554.79)	50,000.00	17,572.44	32,427.56	20,000.00	88,762.02	0.00
20	RLWD Ditch No. 7	2,938.42	(1,993.26)	6,000.00	4,263.90	0.00	5,800.00	(590.94)	3,000.00
35	Pine Lake Maintenance	(4,515.72)	(4,515.72)	7,000.00	4,421.46	2,578.54	3,000.00	(5,031.44)	7,000.00
36	RLWD Ditch No. 8	2,978.90	(353.62)	0.00	551.16	(551.16)	1,700.00	925.28	1,000.00
39	RLWD Ditch No. 9	(660.74)	(88.41)	1,000.00	774.81	225.19	1,100.00	(849.15)	2,000.00
41	J.D. No. 72	3,350.54	(1,709.58)	9,000.00	4,252.75	8,579.66	2,800.00	11,673.37	9,000.00
43B	Burnham Creek	7,432.64	(12,743.65)	15,000.00	8,925.72	6,074.28	14,050.00	(4,361.01)	20,000.00
45	Wild Rice Allocation	6,629.57	0.00	2,000.00	1,283.81	716.19	1,000.00	7,629.57	0.00
48	JD 2 Br. A & Br. 1 of A	4,269.22	(795.69)	1,000.00	1,566.62	(566.62)	2,100.00	2,373.53	1,000.00
49	JD 2 Main Upstream Anderson Lake Laterals B & C	743.81	(1,716.75)	2,000.00	2,251.22	(251.22)	900.00	127.06	2,000.00
51	JD 2 Main (Eck Pet) Downstream Anderson Lake	3,176.73	(235.74)	0.00	320.90	(320.90)	0.00	2,940.99	0.00
53	Krostue Petition	(6,891.01)	(854.57)	3,500.00	3,395.62	104.38	3,000.00	(7,245.58)	3,500.00
101	JD 4	3,994.90	(58.93)	0.00	822.25	(822.25)	0.00	3,935.97	0.00
102	JD 5 (4 Legged Lake)	(11,187.62)	(930.77)	2,200.00	2,072.06	127.94		(9,918.39)	2,200.00
103	County Ditch 1	1,793.70	(298.03)	0.00	838.88	0.00	1,500.00	834.55	0.00
109	Arveson Petition	2,252.01	(618.80)	2,500.00	0.00	0.00	4,200.00	(2,566.79)	2,500.00
113	Winsor-Hangaard	11,305.85	(736.62)	5,000.00	5,019.59	(19.59)	2,640.00	12,929.23	0.00
115	RLWD Ditch 1 Lat. C	(3,063.04)	(1,031.36)	4,000.00	1,680.30	2,319.70	2,700.00	(2,794.40)	4,000.00
117	Kenneth Johnson Pet.	2,062.33	(1,599.18)	2,000.00	1,259.34	740.66	2,400.00	63.15	2,000.00
119	Polk Co. Dts Improv.	(6,611.22)	(2,209.87)	8,000.00	6,482.46	1,517.54	10,000.00	(10,821.09)	10,000.00
122	Challenger Ditch	(1,365.82)	(265.28)	1,000.00	0.00	0.00	0.00	(1,631.10)	2,000.00
123	Scott Baatz Petition	671.74	(912.96)	1,000.00	830.55	169.45	500.00	258.78	1,000.00
134	Polk Co. Dt. 63	16,999.93	(589.38)	3,000.00	2,001.02	0.00	5,200.00	13,211.57	0.00
135	Polk Co. Dt. 33	3,405.80	(3,353.19)	5,000.00	4,171.83	0.00	6,920.00	(2,695.56)	3,000.00
161	RLWD Ditch No. 10	3,747.64	(1,298.73)	2,500.00	1,286.01	1,213.99	4,200.00	748.91	2,500.00
166	RLWD Ditch No. 11	15,368.94	(3,708.08)	0.00	569.25	0.00	2,900.00	9,330.11	0.00
169	RLWD Ditch No. 12	(6,705.10)	(8,576.77)	15,000.00	9,613.40	5,386.60	16,300.00	(16,581.87)	20,000.00
170A	RLWD Ditch No. 13	(552.59)	(500.96)	1,000.00	0.00	1,000.00	3,200.00	(3,253.55)	2,000.00
171	RLWD Ditch No. 14	(5,268.67)	(3,317.06)	5,000.00	0.00	5,000.00	2,900.00	(6,485.73)	7,000.00
171A	TRF FDR Proj.	1,151.68	(519.36)	1,000.00	0.00	1,000.00	500.00	1,132.32	1,000.00
175	RLWD Ditch No. 15	62,117.65	(11,424.05)	0.00	1,185.09	(1,185.09)	9,000.00	41,693.60	0.00
177	RLWD Ditch No. 16	2,029,424.95	(512,409.48)	0.00	12,029.63	(12,029.63)		1,517,015.47	0.00
179	Improv. To Po.Co. #39	(63,154.80)	(43,051.69)	0.00	0.00	0.00		(106,206.49)	0.00
	TOTALS	2,242,080.68	(625,740.26)	162,700.00	109,203.45	53,435.22	141,010.00	1,637,969.09	118,700.00

* and **

* have not received 2020 ditch assessment \$ from Pennington County yet this year

** Some Revenue received in 2020 is for Riparian aid

RED LAKE WATERSHED DISTRICT
Application for Payment
Estimate of Work Completed

ESTIMATE NUMBER: 7
 PROJECT NAME: RLWD Ditch 16
 OWNER: Red Lake Watershed District
 CONTRACT AMOUNT: \$1,572,196.70
 CONTRACTOR: Burski Excavating, Inc.

DATE: 9/10/2020
 PROJECT NUMBER: 177
 CONTRACT DATE: 6/7/2019
 WORK COMPLETED: 9/8/2020

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	570	120	690	43.13%	\$46,250.70	
	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							
8	Remove Bituminous Pavement	SQ.YD.	316	\$17.30	215,856	49,825	265,681	72.41%	\$464,941.75	
9	Bituminous Pavement (Type SP 12.5 Wearing Course Mix)	TON	270	\$108.12	730	0	730	231.01%	\$12,629.00	
10	Geogrid-Tensar TX 140 (Install Under Aggregate Base)	SQ.YD.	864	\$3.78	272	0	272	100.74%	\$29,408.64	
11	Aggregate Roadway Surfacing (Loose Volume), CL 1	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	754	312	1066	52.00%	\$27,087.06	
17	80' - 24" SCH 20 Steel Pipe - Directional Bore/Open Cut	EACH	2	\$23,786.66	0	0	0	0.00%	\$0.00	
18	24" Corrugated Steel Pipe (CSP) Culvert (16 Gauge)	LF	2,680	\$34.60	630	256	886	33.06%	\$30,655.60	
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	360	0	360	93.51%	\$57,996.00	
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	12	6	18	40.91%	\$1,946.16	
26	24" CSP Standard Flared End Section	EACH	42	\$151.37	9	4	13	30.95%	\$1,967.81	
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	12	6	18	40.91%	\$8,855.10	
29	24" Exterior Flap-Gate	EACH	42	\$589.26	9	4	13	30.95%	\$7,660.38	
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									\$992,648.16	
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									\$988,699.20	

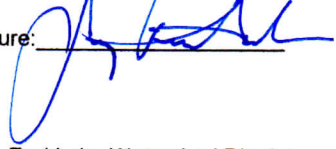
SUMMARY:	
Total of Work to Date	\$988,699.20
Less 10% Retainage	\$98,869.92
Amount Paid on Previous Payments	\$783,102.05
Amount Due this Estimate	\$106,727.23
Percentage of work completed	63%
Original Contract Amount Due	\$1,572,196.70
Additional Material	\$0.00
Change Orders	(\$3,948.96)
Total Estimated 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
FINAL PAYMENT		
TOTAL		\$783,102.05

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 JP (Initial)
 Approved by Contractor: Jerry Pribula, Pribula Engineering, PLLC

Date: 9-8-2020 Signature: 

Approved by Administrator: Myron Jesme, Red Lake Watershed District

Date: _____ Signature: _____



NEIL LAW FIRM, P.C.
Attorneys at Law

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September 3, 2020

Red Lake Watershed District
1000 Pennington Avenue South
Thief River Falls, MN 56701
RLWD@redlakewatershed.org

VIA EMAIL AND US MAIL

In Re: RLWD Ditch # 16, Project # 177 – Request Not to Enter upon Mark Holy’s Land

To Whom It May Concern:

Please be advised our firm represents Mark Holy.

The purpose of this letter is to provide the Watershed District with notice that it does not have authorization to enter upon any land owned by Mr. Holy to construct Ditch 16 (this is unrelated to the appeal brought by Mr. Holy on August 21, 2020).

Mr. Holy signed the petition in favor of RLWD Ditch # 16, Project # 177. However, the Watershed District has not yet acquired the interest in the land. In other words, the Watershed District has not paid for the land or yet obtained any easements or other property rights required of them to construct any ditches on that property. The Watershed District is not permitted to enter upon Mr. Holy’s property. The two tracts of real property subject to this letter are described as follows:

1. NE1/4 of Section 35 of Northland Township; and
2. NE 40 acres of NE1/4 of Section 31 of Tabor Township.

We trust that the Watershed District will respect the property rights of Mr. Holy and will refrain from committing any further trespasses upon his property.

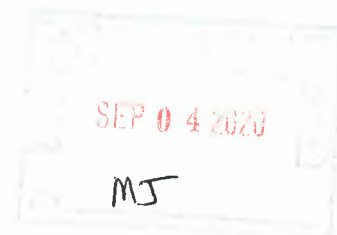
Sincerely,

/s/ Mark A. Grainger

Mark A. Grainger

MG:th

Cc: Mark Holy (via email only)





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.: 9	Application Period: 8/20/2020 - 9/3/2020

**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	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
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)	\$ 4,461,270.37
5. RETAINAGE: 5% of Completed Work and Stored Material	\$ 223,063.52
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5)	\$ 4,238,206.85
7. LESS PREVIOUS PAYMENTS	\$ 3,910,079.05
8. AMOUNT DUE THIS APPLICATION	\$ 328,127.82
9. BALANCE TO FINISH	\$ 2,345,656.40
10. PERCENT COMPLETE	65.54%

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:
\$ 328,127.82 is recommended.

HDR Engineering, Inc.

By: *Nathan P. Dalager*

Date: 9/9/2020

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.: 9	Application Period: 8/20/2020 - 9/3/2020

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



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.:		9					Application Period:		8/20/2020 - 9/3/2020					
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)	
2021.501	MOBILIZATION	LUMP SUM	1	\$259,500.00	\$259,500.00	0.60	0.30	0.0	0.9	90.00%	\$77,850.00	\$233,550.00	0.10	
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	0.0	
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	7.0	
2104.503	REMOVE 115" x 72" RC ARCH PIPE	LIN FT	92	\$19.00	\$1,748.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	92.0	
2104.503	REMOVE 138" x 88" RC ARCH PIPE	LIN FT	74	\$20.00	\$1,480.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	74.0	
2104.503	REMOVE 154" x 97" RC ARCH PIPE	LIN FT	80	\$23.00	\$1,840.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	80.0	
2104.503	SALVAGE 60" RC ARCH PIPE	LIN FT	150	\$24.50	\$3,675.00	150.0	0.0	0.0	150	100.00%	\$0.00	\$3,675.00	0.0	
2104.502	SALVAGE SIGN TYPE A	EACH	14	\$200.00	\$2,800.00	0.0	6.0	0.0	6	42.86%	\$1,200.00	\$1,200.00	8.0	
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	584.0	
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	2946	\$8.65	\$25,482.90	2478.0	1,286.0	0.0	3764	127.77%	\$11,123.90	\$32,558.60	-818.0	
2105.607	SPOIL HAULING (P)	CU YD	35480	\$7.95	\$282,066.00	22,400.0	0.0	0.0	22,400.00	63.13%	\$0.00	\$178,080.00	13080.0	
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	0.0	
2105.507	COMMON EXCAVATION (P)	CU YD	595137	\$2.68	\$1,594,967.16	535,155.0	0.0	0.0	535,155.00	89.92%	\$0.00	\$1,434,215.40	59982.0	
2105.507	COMMON BORROW (CV)	CU YD	10035	\$6.80	\$68,238.00	6000.0	0.0	0.0	6000	59.79%	\$0.00	\$40,800.00	4035.0	
2118.509	AGGREGATE SURFACING, CLASS 1	TON	90	\$17.80	\$1,602.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	90.0	
2118.509	AGGREGATE SURFACING, CLASS 5	TON	2151	\$11.00	\$23,661.00	225.0	0.0	0.0	225	10.46%	\$0.00	\$2,475.00	1926.0	
2211.509	AGGREGATE BASE, CLASS 3	TON	929	\$10.00	\$9,290.00	320.0	0.0	0.0	320	34.45%	\$0.00	\$3,200.00	609.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	1137	\$11.00	\$12,507.00	753.0	0.0	0.0	753	66.23%	\$0.00	\$8,283.00	384.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (2,B)	TON	367	\$90.00	\$33,030.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	367.0	
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,B)	TON	175	\$90.00	\$15,750.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	175.0	
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	409	\$100.00	\$40,900.00	366.0	0.0	0.0	366	89.49%	\$0.00	\$36,600.00	43.0	
2411.507	STRUCTURAL CONCRETE (3G52) (P)	CU YD	21	\$2,000.00	\$42,000.00	0.0	14.0	0.0	14	66.67%	\$28,000.00	\$28,000.00	7.0	
2411.508	REINFORCEMENT BARS (EPOXY COATED) (P)	POUND	10270	\$2.15	\$22,080.50	0.0	5,135.0	0.0	5135	50.00%	\$11,040.25	\$11,040.25	5135.0	
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	0.0	
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	0.0	
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	0.0	
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	0.0	
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	0.0	
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	0.0	
2442.501	REMOVE EXISTING BRIDGE	LUMP SUM	2	\$5,700.00	\$11,400.00	1.0	1.0	0.0	2	100.00%	\$5,700.00	\$11,400.00	0.0	
2451.507	GRANULAR BEDDING (CV)	CU YD	5084	\$11.15	\$56,686.60	2962.0	657.0	0.0	3619	71.18%	\$7,325.55	\$40,351.85	1465.0	
2461	FLOWABLE FILL CONCRETE	CU YD	211	\$140.00	\$29,540.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	211.0	
2501.502	24" CAS PIPE APRON	EACH	3	\$375.00	\$1,125.00	2.0	0.0	0.0	2	66.67%	\$0.00	\$750.00	1.0	
2501.502	30" CAS PIPE APRON	EACH	2	\$598.00	\$1,196.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	2.0	
2501.502	36" CAS PIPE APRON	EACH	4	\$930.00	\$3,720.00	2.0	0.0	0.0	2	50.00%	\$0.00	\$1,860.00	2.0	
2501.502	18" CS PIPE APRON	EACH	18	\$170.00	\$3,060.00	3.0	5.0	0.0	8	44.44%	\$850.00	\$1,360.00	10.0	
2501.502	24" CS PIPE APRON	EACH	6	\$230.00	\$1,380.00	0.0	1.0	0.0	1	16.67%	\$230.00	\$230.00	5.0	



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.:		9					Application Period:		8/20/2020 - 9/3/2020					
A			B			C		D	E	F	G	H	I	J
Item			Work Completed											
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications		Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish	
							This Period						(A - F)	
2501.502	36" CS PIPE APRON	EACH	1	\$525.00	\$525.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2501.502	48" CS PIPE APRON	EACH	8	\$1,100.00	\$8,800.00	0.0	2.0	0.0	2	25.00%	\$2,200.00	\$2,200.00	6.0	
2501.502	FLAP GATE FOR 18"CS PIPE	EACH	16	\$685.00	\$10,960.00	3.0	0.0	0.0	3	18.75%	\$0.00	\$2,055.00	13.0	
2501.502	FLAP GATE FOR 24"CS PIPE	EACH	3	\$760.00	\$2,280.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2501.503	24" CAS PIPE CULVERT	LIN FT	222	\$40.00	\$8,880.00	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	258.0	340.0	0.0	598	56.74%	\$11,220.00	\$19,734.00	456.0	
2501.503	24" CS PIPE CULVERT	LIN FT	262	\$40.00	\$10,480.00	40.0	72.0	0.0	112	42.75%	\$2,880.00	\$4,480.00	150.0	
2501.503	48" CS PIPE CULVERT	LIN FT	271	\$105.00	\$28,455.00	0.0	85.0	0.0	85	31.37%	\$8,925.00	\$8,925.00	186.0	
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	0.0	106.0	0.0	106	100.00%	\$81,832.00	\$81,832.00	0.0	
2501.503	36" STEEL CASING PIPE	LIN FT	59	\$177.00	\$10,443.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	59.0	
2501.503	54" STEEL CASING PIPE - JACK INSTALLED	LIN FT	168	\$1,500.00	\$252,000.00	130.0	38.0	0.0	168	100.00%	\$57,000.00	\$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	0.0	0.0	0	0.00%	\$0.00	\$0.00	8.0	
2501.515	36" RC PIPE APRON	EACH	3	\$1,160.00	\$3,480.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	3.0	
2503.503	36" CS PIPE SEWER	LIN FT	738	\$67.00	\$49,446.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	738.0	
2503.503	12" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	23	\$50.00	\$1,150.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	23.0	
2503.503	15" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	19	\$55.00	\$1,045.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	19.0	
2503.503	18" RC PIPE SEWER DESIGN 3006, CLASS III	LIN FT	164	\$58.00	\$9,512.00	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	0.0	0.0	450	44.12%	\$0.00	\$25,200.00	570.0	
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	0.0	0.0	0	0.00%	\$0.00	\$0.00	2284.0	
2503.503	54" RC PIPE SEWER DESIGN 3006, CLASS IV	LIN FT	108	\$238.00	\$25,704.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	108.0	
2503.503	60" RC PIPE CULVERT DESIGN 3006, CLASS III	LIN FT	16	\$248.00	\$3,968.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	16.0	
2503.602	CONNECT TO EXISTING FORCE MAIN	EACH	2	\$1,800.00	\$3,600.00	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	0.0	0.0	1	33.33%	\$0.00	\$7,475.00	2.0	
2506.502	CONSTRUCT 6X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$11,085.00	\$110,850.00	8.0	0.0	0.0	8	80.00%	\$0.00	\$88,680.00	2.0	
2506.502	CONSTRUCT 8X6 DRAINAGE STRUCTURE, PRECAST	EACH	10	\$14,815.00	\$148,150.00	1.0	0.0	0.0	1	10.00%	\$0.00	\$14,815.00	9.0	
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.:		9				Application Period:		8/20/2020 - 9/3/2020						
A					B	C		D	E	F	G	H	I	J
Item					Work Completed			Materials Presently Stored (not in C or D)	Total Completed and Stored To Date (C+D+E)	Percent Complete To Date (%)	Total Cost This Period	Total Cost Complete to Date	Balance to Finish (A - F)	
Item No.	Description	Unit	Contract Quantity	Contract Unit Price	Scheduled Value	From Previous Applications	This Period							
2506.502	CONSTRUCT 10X8 DRAINAGE STRUCTURE, PRECAST	EACH	1	\$34,850.00	\$34,850.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	1.0	
2506.502	CASTING ASSEMBLY - BEEHIVE GRATE AND FRAME	EACH	3	\$1,250.00	\$3,750.00	0.0	0.0	0.0	0	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	0.0	0.0	290	27.78%	\$0.00	\$30,450.00	754.0	
2511.507	RANDOM RIPRAP - SPECIAL (CLASS 4)	CU YD	362	\$105.00	\$38,010.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	362.0	
2511.507	RANDOM RIPRAP - SPECIAL (D50 = 18")	CU YD	1450	\$105.00	\$152,250.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	1450.0	
2511.507	RANDOM RIPRAP (CLASS 2)	CU YD	225	\$85.00	\$19,125.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	225.0	
2511.507	RANDOM RIPRAP (CLASS 3)	CU YD	2057	\$85.00	\$174,845.00	582.0	45.0	0.0	627	30.48%	\$3,825.00	\$53,295.00	1430.0	
2511.507	RANDOM RIPRAP (CLASS 4)	CU YD	1063	\$85.00	\$90,355.00	963.0	100.0	0.0	1063	100.00%	\$8,500.00	\$90,355.00	0.0	
2511.509	GRANULAR FILTER MATERIAL	TON	354	\$85.00	\$30,090.00	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	354.0	
2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	110	\$54.00	\$5,940.00	0.0	0.0	0.0	0	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	1,966.0	442.0	0.0	2,408.00	100.00%	\$12,376.00	\$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	335.0	180.0	0.0	515	21.13%	\$13,320.00	\$38,110.00	1922.0	
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	0.0	0.0	0.0	0	0.00%	\$0.00	\$0.00	1.0	



Contractor's Application and Certificate for Payment

For (contract):		Thief River Falls Westside Flood Damage Reduction Project				Contractor:		R.J. Zavoral & Sons, Inc.					
Application No.:		9				Application Period:		8/20/2020 - 9/3/2020					
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.:		9					Application Period:		8/20/2020 - 9/3/2020					
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	0	0.0	0	0.00%	\$0.00	\$0.00	75.0	
2211.509	AGGREGATE BASE, CLASS 5	TON	236	\$11.00	\$2,596.00	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	0	0.0	0	0.00%	\$0.00	\$0.00	308.0	
2412.502	12X6 PRECAST CONCRETE BOX CULVERT END SECTION	EACH	2	\$12,950.00	\$25,900.00	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. 5

<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
5.1	For item 2105.607. 1. 20,000 CY of excavated material from Station 85+00 to 94+00 is to be hauled between storm sewer stations 1039+37 to 1068+00 to be used as backfill, and west, across CR 61 where it will be placed in the designated spoil disposal location as detailed in the Thief River Falls Westside Flood Damage Reduction Project, RLWD Project #178 Plans and Specifications. The additional spoil hauling will be compensated at \$1.50 per CY of material hauled.	\$30,000.00	None
	Difference Net	\$30,000.00	None

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

Contract Price prior to this Change Order	Contract Time prior to this Change Order
\$ 6,806,926.77 _____	October 15, 2020 _____
Net Increase (decrease) of this Change Order	Net Increase (decrease) of this Change Order
\$ 30,000.00 _____	None _____
Revised Contract Price with all approved Change Orders	Revised Contract Time with all approved Change Orders
\$ 6,836,926.77 _____	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:



9/8/2020

Approved for Owner by:

Attest:

Date:

Approved: (Other - when required)

Date:

Distribution: Owner Contractor Office Field Other



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.	\$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:



9/8/2020

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

Memorandum

To: Myron Jesme, RLWD Administrator
Nick Olson, RLWD Engineering Specialist

From: Jeff Langan, PE
Houston Engineering, Inc.

Subject: Outlet Structure Field Inspection North Pool
Summary of Findings and Recommendations

Date: August 27, 2020

Project: RLWD Project No. 13 Moose River Project

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



09/07/2020

Jeffery J Langan
Reg. No. 22805

Date

INTRODUCTION

In response to the February 26, 2020, field inspection and summary of findings, a subsequent field inspection was conducted by Nick Olson, RLWD, and Jeff Langan, HEI, to address the items listed under heading 6) of the Summary of Findings of said previous inspection. These were as follows:

- 1) Perform element level condition inspection of structure, focused on the deficiencies identified in the 2007 and 2008 inspections
- 2) Document with measurements and photos
- 3) Identify and describe defects, deficiencies and distress areas and provide resolution recommendation
- 4) Identify, document and provide resolution recommendation of the critical findings
- 5) Recommend the frequency of subsequent routine inspections

It was noted in the February 26, 2020, Summary of Findings Memo that both structures would be inspected. However, based on the good condition of the south structure, it was determined to simply provide an in depth inspection of the north structure with HEI assistance. The RLWD will use the format of the inspection of the North Structure to perform an independent inspection and summary of the south structure. These structures are nearly identical, therefore, the inspection process and documentation should be very similar.

SUMMARY OF OUTLET STRUCTURE SITE CONDITIONS

Generally, structural conditions of the north structure are fair to good. The structure is slightly over 30 years in service, so conditions are consistent with that age of structure. Distress identified at the interface between the weir wall and headwall continues to exist and is recommended to be repaired.

However, it is not a critical finding or issue which will compromise the overall structural integrity of the structure. There does not appear to be measurable change of the structure since the 2007 and 2008 inspections.

SUMMARY OF FINDINGS

- 1) All structural elements of the flume and tunnel (cast in place concrete box section) including concrete walls/floors/tops, steel access walk/railing/supports, backfill, erosion protection, and other minor structural elements. Gates and stop log bays were not inspected. However, measurable leaking was apparent around both 24" diameter gates.

The joint between the weir wall and the headwall has shown change since original construction. It appears settlement below the floor location between the flume and the tunnel has occurred reflecting in a closed joint at the top and a widening joint at the bottom. This has resulted in significant concrete spalling and failure at the top 2 ft of the NW weir wall at said joint. As constructed joint was 1/2" and measurements G-N show a range of 0" (Dim G) at the top of the weir wall where the failure has occurred to 1.5" (Dim M) at the invert along the floor. No differential change between the flume and tunnel floor has occurred (Dim O). The floor joint between the flume and tunnel floor was probed, and no voids of soft material existed. Only minor seepage was apparent at this joint waterstop, and was exhibited in the lower 24" of the vertical interface.

Measurements related to the weir walls tipping toward each other were recorded and compared to 2007 measurements (see dimensions A, B, C). No measurable change in these dimensions has occurred since 2007. This direction of deflection has likely limited effect on the top NW corner of the weir wall failing.

All other elements appear in fair to good condition.

- 2) The attached plan sheets display field measurement locations providing tracking of current and future structure behavior. These field measurement dimensions are provided on the table provided below.

The below photos also show the critical location documented in 2008 and 2020 which will likely require repair.



2007 WEIR WALL TO HEADWALL JOINT



2020 WEIR WALL TO HEADWALL JOINT



2020 WEIR WALL TO HEADWALL JOINT

DIMENSION (inch)									
DIMENSON REF	YEAR								
	DESIGN	2007	2020						
A	72	69	68.5						
B	72	69.3	69.5						
C	72	71	71						
D	72	NA	71						
E	72	NA	71.5						
F	72	NA	72						
G (North)	0.5	NA	0						
H (South)	0.5	NA	0						
I (North)	0.5	NA	0.75						
J (South)	0.5	NA	0.75						
K (North)	0.5	NA	1						
L (South)	0.5	NA	1						
M (North)	0.5	NA	1.5						
N (South)	0.5	NA	1.25						
O	0	NA	0						
P (North)	0	NA	1.5						
Q (South)	0	NA	0.5						

TABLE OF MEASUREMENTS

- 3) The structural defect requiring eventual repair is the concrete spalling, exposed rebar, lack of water stop effectiveness and eventual loss of ability to retain impoundment water at the weir elevation located at the NW extents of the weir wall at the headwall joint interface. It is anticipated that the spalled concrete will naturally separate from the remaining wall within 10 years based on freezing conditions, overtopping conditions, and continued movement. The defect will not likely compromise structural integrity of the remaining structure. The defect will likely cause slight operating condition issues as water will exceed the crest of the weir wall sooner than intended.

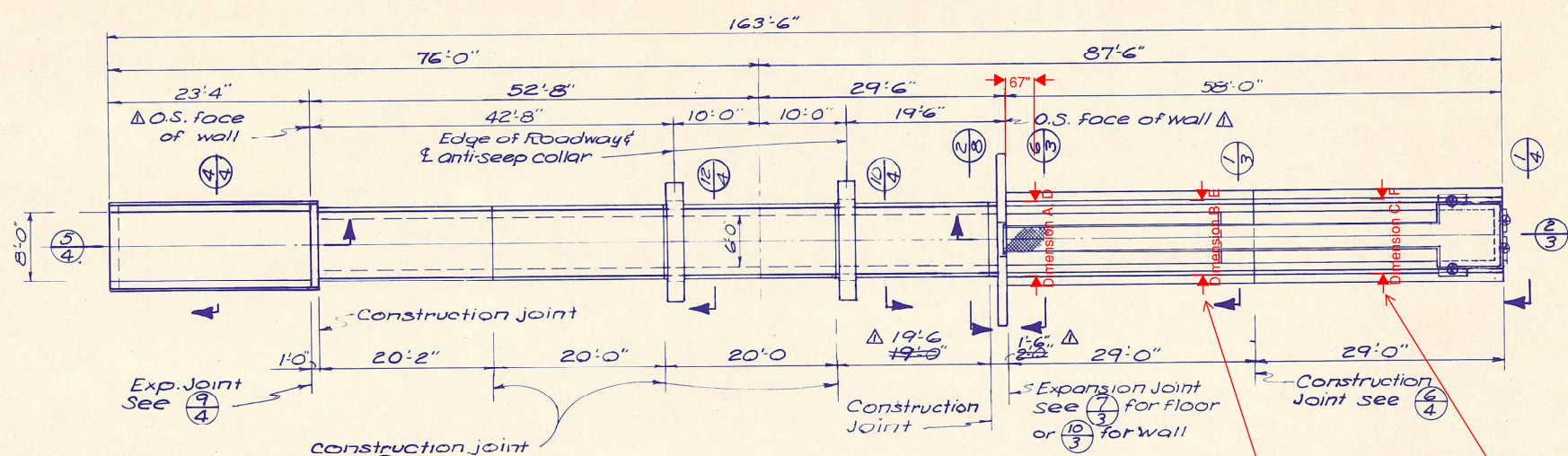
The likely cause of the defect is due to settlement at the tunnel/flume interface, causing slight separation of the joint at the floor and total compression of the joint at the top (see table of measurements). The total compression of the joint at the top has sheared the top of the weir wall off to the point it is ineffective and simply held on due to its bond to the reinforcing steel.

Method of repair would be to:

- 1) Remove all unsound concrete including around reinforcing steel
- 2) Provide roughened and clean existing concrete surface
- 3) Form a new concrete wall section at this area (approximately 24"x 72"x10"), include water stop at interface with headwall, and provide waterproof membrane at the construction joint and at interface corner between the new and existing concrete.
- 4) Recommendation to request a concrete contractor to review the site, provide a cost associated with the repair, have HEI review the proposal for suitability and cost, and proceed with repair. It would appear that a repair in the next 3 to 5 years would be reasonable.

No other defects were noted as critical.

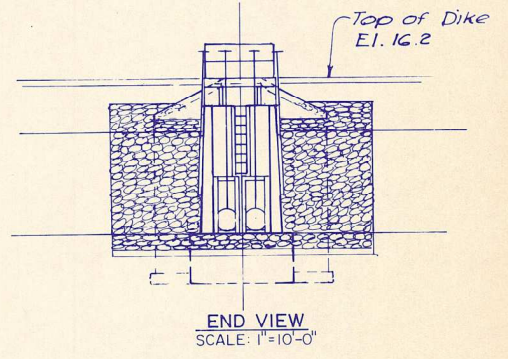
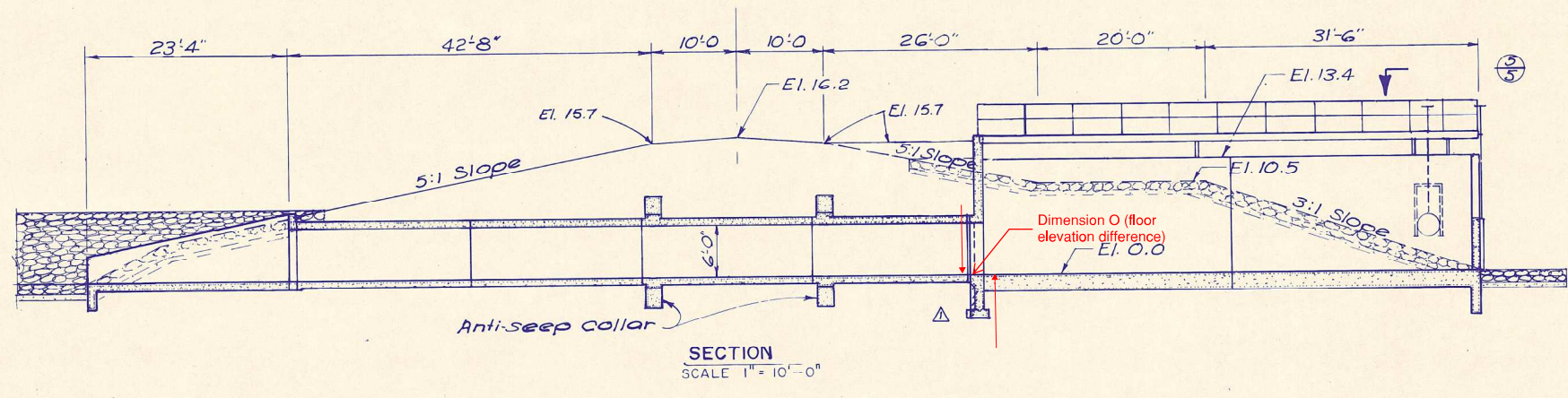
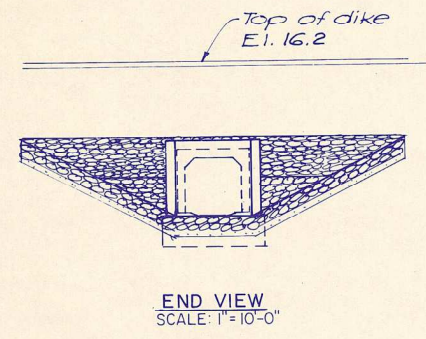
- 4) No critical findings were identified. A critical finding is a structural condition which if not immediately addressed could create a failure or excessive costs to repair.
- 5) Based on the condition of the condition of the entire structure, it is recommended that a structure inspection should occur no less than once every 4 years. An element level inspection should be conducted similar in detail and consistent with the condition ratings for the bridge inspections being performed on the Grand Marais Channel Restoration. The elements discussed in the field would be adequate to inspect.



PLAN
SCALE: 1"=10'-0"

Note:
Cut every other longitudinal
bar @ construction joints. U.O.N.

At Bracket (chisel mark south wall)
At Gauge (chisel mark south wall)



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

James E. Lovell
Date 13 Feb 85 Reg. No. 15037

F0055	Δ		KJB
DATE	REVISIONS	DESCRIPTION	BY
OUTLET STRUCTURE(S) PROJECT #13 MOOSE RIVER PROJECT RED LAKE WATERSHED DISTRICT			
WIDETH SMITH NOLTING & ASSOCIATES, INC. ENGINEERS, ARCHITECTS & LAND SURVEYORS CROOKSTON BRAINERD ALEXANDRIA			
DATE: AS SHOWN	GENERAL PLAN & SECTION		
DRAWN BY: J.W.			
CHECKED BY: T.J.M.			
JOB NO. 99-G12	DRWG. NO.	SHEET 2 OF 7 B Δ	

559C014 Δ

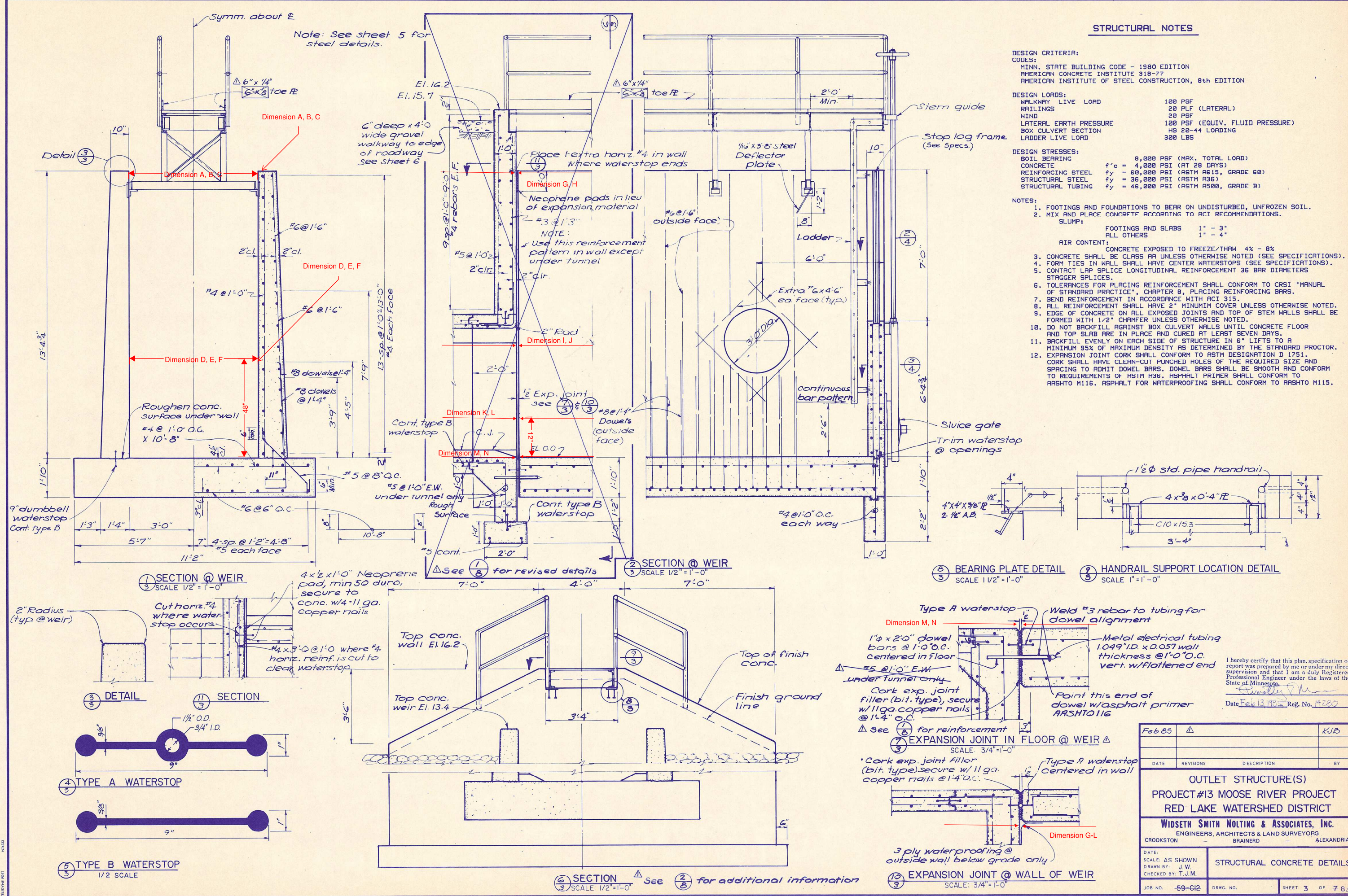
STRUCTURAL NOTES

DESIGN CRITERIA:
 CODES:
 MINN. STATE BUILDING CODE - 1980 EDITION
 AMERICAN CONCRETE INSTITUTE 318-77
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION, 8th EDITION

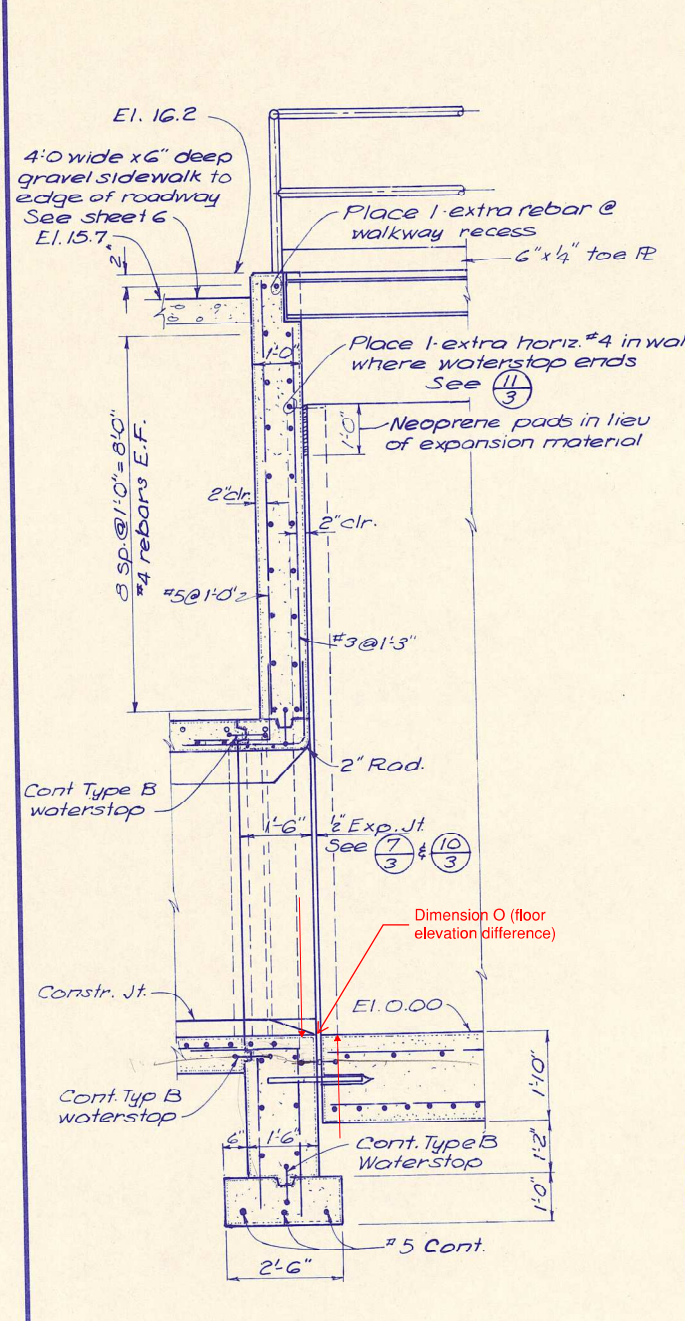
DESIGN LOADS:
 WALKWAY LIVE LOAD 100 PSF
 RAILINGS 20 PLF (LATERAL)
 WIND 20 PSF
 LATERAL EARTH PRESSURE 100 PSF (EQUIV. FLUID PRESSURE)
 BOX CULVERT SECTION HS 28-44 LOADING
 LADDER LIVE LOAD 300 LBS

DESIGN STRESSES:
 SOIL BEARING 8,000 PSF (MAX. TOTAL LOAD)
 CONCRETE $f'_c = 4,000$ PSI (AT 28 DAYS)
 REINFORCING STEEL $f_y = 60,000$ PSI (ASTM A615, GRADE 60)
 STRUCTURAL STEEL $f_y = 36,000$ PSI (ASTM A36)
 STRUCTURAL TUBING $f_y = 46,000$ PSI (ASTM A500, GRADE B)

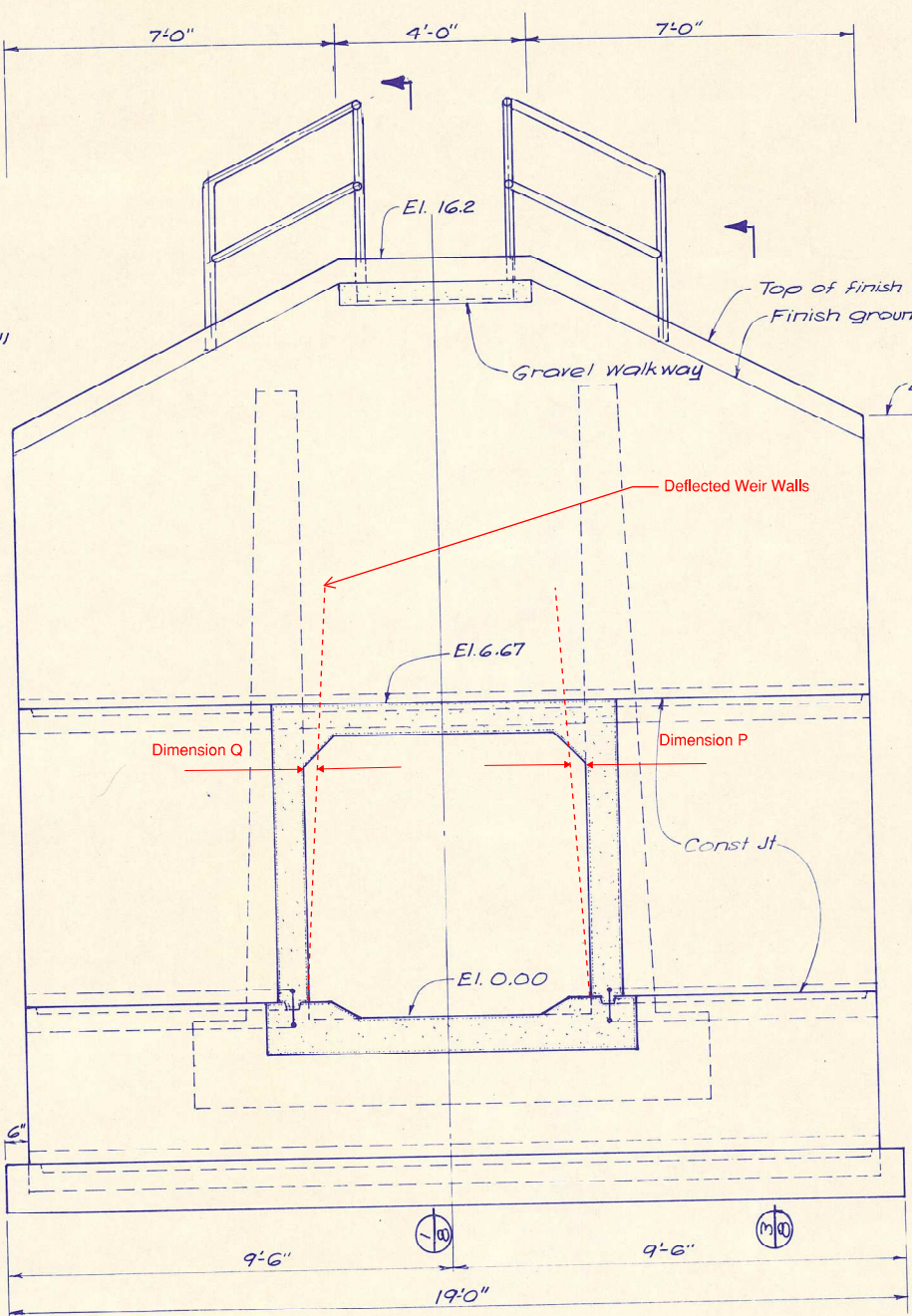
- NOTES:**
- FOOTINGS AND FOUNDATIONS TO BEAR ON UNDISTURBED, UNFROZEN SOIL.
 - MIX AND PLACE CONCRETE ACCORDING TO ACI RECOMMENDATIONS.
 SLUMP:
 FOOTINGS AND SLABS 1" - 3"
 ALL OTHERS 1" - 4"
 AIR CONTENT:
 CONCRETE EXPOSED TO FREEZE/THAW 4% - 8%
 - CONCRETE SHALL BE CLASS AA UNLESS OTHERWISE NOTED (SEE SPECIFICATIONS).
 - FORM TIES IN WALL SHALL HAVE CENTER WATERSTOPS (SEE SPECIFICATIONS).
 - CONTACT LAP SPlice LONGITUDINAL REINFORCEMENT 36 BAR DIAMETERS STAGGER SPLICES.
 - TOLERANCES FOR PLACING REINFORCEMENT SHALL CONFORM TO CRSI "MANUAL OF STANDARD PRACTICE", CHAPTER 8, PLACING REINFORCING BARS.
 - BEND REINFORCEMENT IN ACCORDANCE WITH ACI 315.
 - ALL REINFORCEMENT SHALL HAVE 2" MINIMUM COVER UNLESS OTHERWISE NOTED.
 - EDGE OF CONCRETE ON ALL EXPOSED JOINTS AND TOP OF STEM WALLS SHALL BE FORMED WITH 1/2" CHAMFER UNLESS OTHERWISE NOTED.
 - DO NOT BACKFILL AGAINST BOX CULVERT WALLS UNTIL CONCRETE FLOOR AND TOP SLAB ARE IN PLACE AND CURED AT LEAST SEVEN DAYS.
 - BACKFILL EVENLY ON EACH SIDE OF STRUCTURE IN 6" LIFTS TO A MINIMUM 95% OF MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR.
 - EXPANSION JOINT CORK SHALL CONFORM TO ASTM DESIGNATION D 1751. CORK SHALL HAVE CLEAN-CUT PUNCHED HOLES OF THE REQUIRED SIZE AND SPACING TO ADMIT DOWEL BARS. DOWEL BARS SHALL BE SMOOTH AND CONFORM TO REQUIREMENTS OF ASTM A36. ASPHALT PRIMER SHALL CONFORM TO ARSHTO M116. ASPHALT FOR WATERPROOFING SHALL CONFORM TO ARSHTO M115.



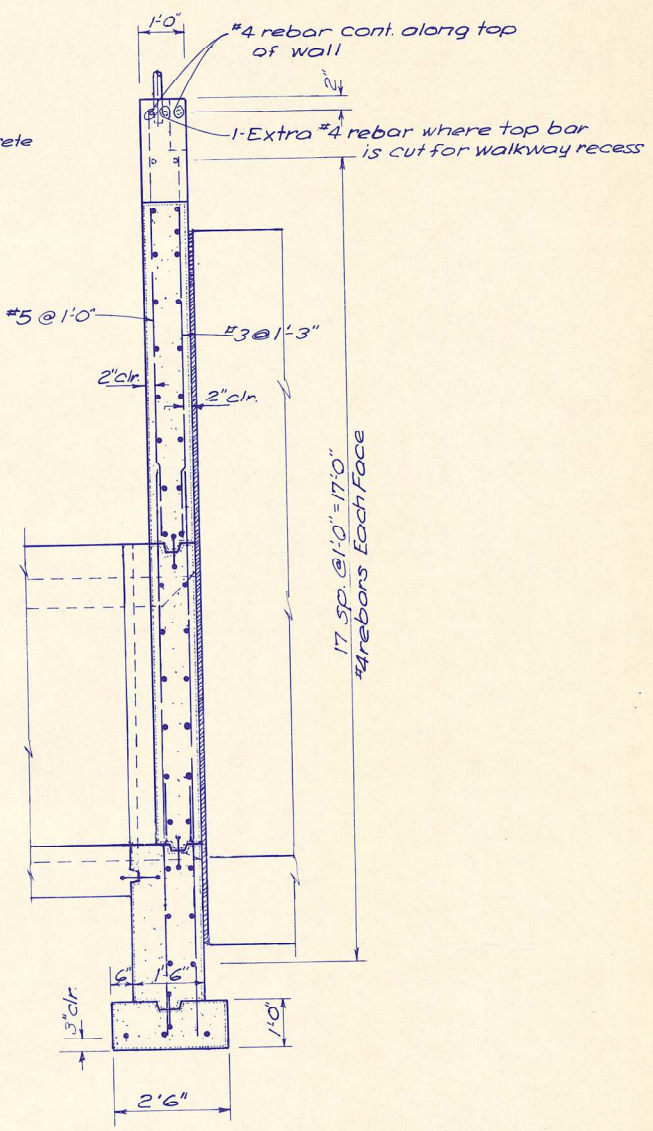
Feb 85	Δ		KUB
DATE	REVISIONS	DESCRIPTION	BY
OUTLET STRUCTURE(S) PROJECT #13 MOOSE RIVER PROJECT RED LAKE WATERSHED DISTRICT WIDSETH SMITH NOLTING & ASSOCIATES, INC. ENGINEERS, ARCHITECTS & LAND SURVEYORS CROOKSTON — BRAINERD — ALEXANDRIA,			
DATE	SCALE: AS SHOWN	STRUCTURAL CONCRETE DETAILS	
DRAWN BY: J.W.	CHECKED BY: T.J.M.		
JOB NO. 59-G12	DRWG. NO.	SHEET 3 OF 7 B	



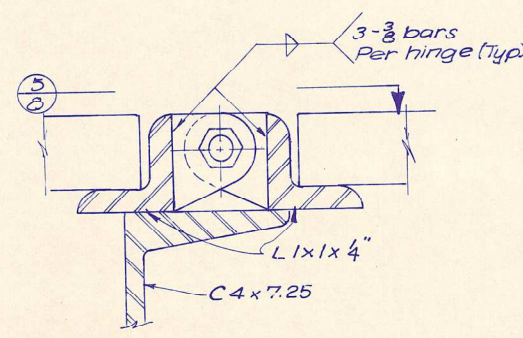
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Scale: $\frac{1}{2}'' = 1'-0''$



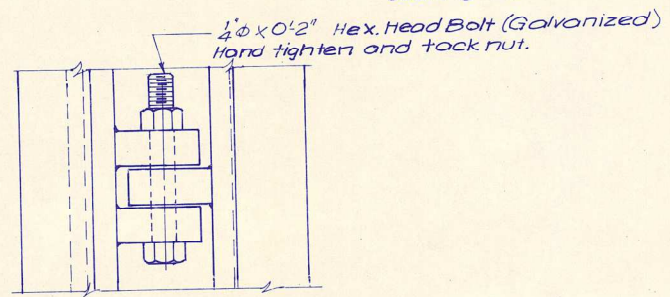
SECTION $\frac{2}{3}$
Scale: $\frac{1}{2}'' = 1'-0''$



SECTION $\frac{3}{3}$
Scale: $\frac{1}{2}'' = 1'-0''$



SECTION $\frac{4}{3}$
Scale: $1'' = 1'-0''$



SECTION $\frac{5}{3}$
Scale: $1'' = 1'-0''$

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

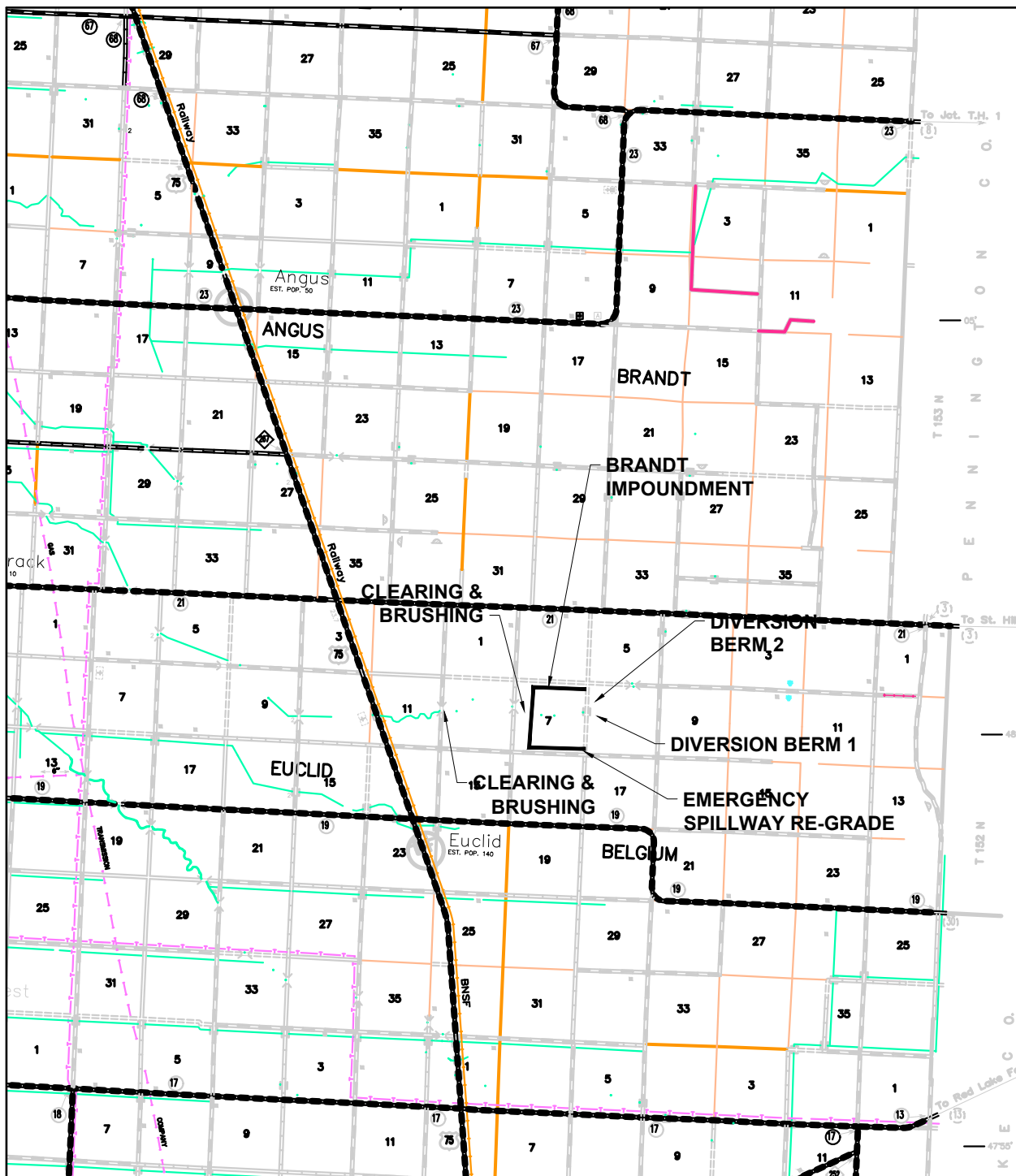
Date Feb 13, 1985 Reg. No. 14280

Feb 85	△	New Sheet	J.W.
DATE	REVISIONS	DESCRIPTION	BY
OUTLET STRUCTURE(S) PROJECT B MOOSE RIVER PROJECT RED LAKE WATERSHED DISTRICT			
WIDSETH SMITH NOLTING & ASSOCIATES, INC. ENGINEERS, ARCHITECTS & LAND SURVEYORS CROOKSTON BRAINERD ALEXANDRIA			
DATE: FEB 1985	SCALE: AS SHOWN	△ STRUCTURAL CONCRETE DETAILS	
DRAWN BY: J.W.	CHECKED BY: T.J.M.		
JOB NO. 559C04	DRWG. NO.	SHEET 8 OF 8	



CONSTRUCTION NOTES

1. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT THEY ARE SHOWN IN THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING GOPHER ONE CALL 72 HOURS PRIOR TO COMMENCEMENT OF WORK.
2. A PRE CONSTRUCTION MEETING IS REQUIRED ON-SITE PRIOR TO COMMENCEMENT OF WORK. THE FOLLOWING PARTIES MUST BE PRESENT: WATERSHED DISTRICT (218-681-5800) HDR ENGINEERING (218-681-6100).
3. CONTRACTOR IS RESPONSIBLE FOR PERFORMING WORK NECESSARY FOR THE CONSTRUCTION OF THE PROJECT SUCH AS THE USE OF PUMPS TO DEWATER THE SITE AND EXCAVATION TO INSTALL CULVERTS AND RIPRAP. SUCH WORK SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
4. CONTRACTOR SHALL STRIP AND SALVAGE TOP SOIL ON EMERGENCY SPILLWAY WORK AND USE AS A TOP DRESSING IN FINAL SHAPING OF EMERGENCY SPILLWAY.
5. THE PROPOSED CULVERTS WILL BE STAKED BY THE ENGINEER FOR LOCATION AND GRADE.
6. RIPRAP MUST BE CLEAN ROCK, NOT CONTAINING EXCESSIVE SEDIMENT. GEOTEXTILE FABRIC SHALL BE PLACED UNDER ALL RIPRAP AND IS CONSIDERED INCIDENTAL. ALL EDGES OF FABRIC SHALL EXTEND PAST THE EXTENT OF RIPRAP AND BURIED A MINIMUM OF 6 INCHES DEEP IN EXISTING GROUND.
7. CONTRACTOR IS RESPONSIBLE FOR RE-ESTABLISHING TURF IN ALL AREAS DISTURBED BY THE CONTRACTOR. ALL SLOPES SHALL BE BLENDED INTO EXISTING SURFACES. SEEDING SHALL CONFORM TO MnDOT SPECIFICATION SECTION 2575.3.
8. SEED MIXTURE - MnDOT SEED MIXTURE 25-141 AT A RATE OF 59 LBS/ACRE.
9. FERTILIZER - RATE OF 200 LBS/ACRE.
10. CLEARING & BRUSHING SHALL INCLUDE CUTTING OF TREES AND BRUSH FLUSH WITH THE GROUND SURFACE WITHIN THE DESIGNATED AREAS. DISPOSAL OF TREES AND BRUSH WILL BE ON-SITE BY BURYING AT LOCATIONS APPROVED BY THE ENGINEER. BURNING TO REDUCE VOLUME WILL BE ALLOWED. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR BURNING. PAYMENT WILL BE MADE BY MEASURED ACREAGE.
11. BORROW TO RAISE LOW AREAS ALONG DIVERSION BERM 1 FROM STATION 0+00 TO 7+21 AND FOR PIPE 1 SHALL BE OBTAINED FROM ADJACENT BORROW. PITS SHALL BE LEFT WITH MAXIMUM 3:1 SIDE SLOPES AND SHALL NOT BE GREATER THAN 2.5 FEET IN DEPTH.
12. BORROW FOR DIVERSION BERM 1 STATION 7+21 TO 14+04 AND DIVERSION BERM 2 AND CULVERT INSTALLATIONS SHALL BE OBTAINED FROM THE ADJACENT DITCH EXCAVATION AND SHALL BE PAID FOR BY ITEM COMMON EXCAVATION



PLANS IN 1988 NAVD

PROJECT MANAGER	NATHAN P. DALAGER	
DESIGNED	NICK OLSON	
CHECKED	NATE DALAGER	
CHECKED	DAVE MARSHALL	
DRAWN	NICK OLSON	
DRAWN		
PROJECT NUMBER	#60D	
ISSUE	DATE	DESCRIPTION

**Brandt Improvement 2020 Modification
RLWD Project 60D
Quote Schedule**

Description	Unit	Quantity	Unit Cost	Cost
1 Common Borrow	cu.yd.	1350	\$	
2 Spoil Leveling	hour	12	\$	
3 18" Diameter CSP 16 Ga	lin.ft.	92	\$	
4 18" Diameter Slide Gate Waterman Model (C10)	each	2	\$	
5 18" Diameter Apron	each	2	\$	
6 30" Diameter CSP 16 Ga	lin.ft.	58	\$	
7 30" Diameter Slide Gate Waterman Model (C10)	each	1	\$	
8 30" Diameter Apron	each	1	\$	
9 Random Riprap, Class III	cy	30	\$	
10 Clearing & Brushing	acre	1	\$	
12 Turf Establishment	acre	2.7	\$	
TOTAL				

* Geotextile and dewatering incidental
**All finish and site work not measured for payment is incidental

(I) (WE) further propose to perform this work at the following Prices:

GRAND TOTAL (in words) _____

TOTAL \$ _____

Signature _____ Date _____

Quote submitted to:
Red Lake Watershed District
1000 Pennington Avenue South
Thief River Falls, MN 56701
218.681.5800

The RLWD reserves the right to reject any and all quotes

Contractors Name, Address, Phone, Email

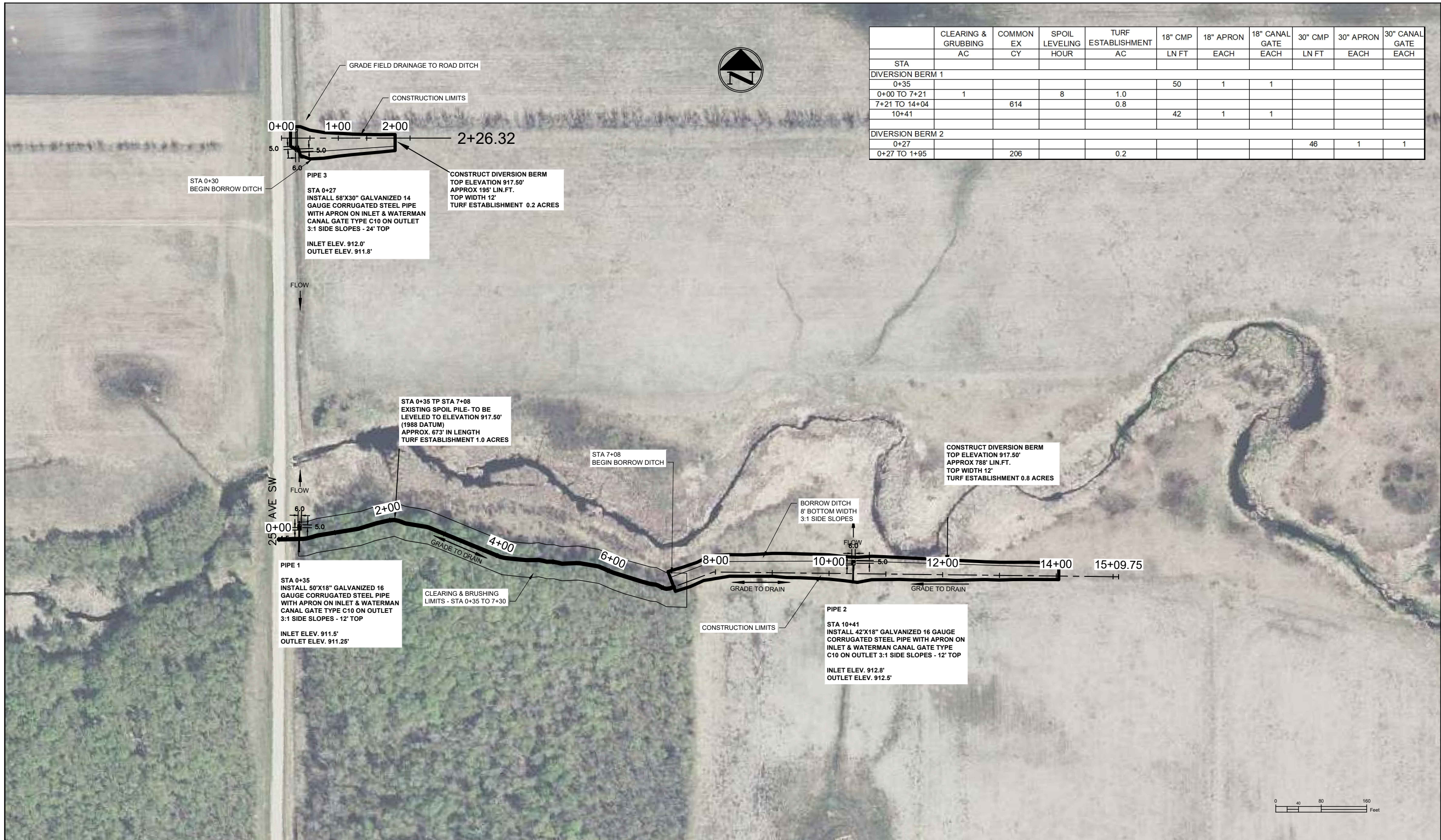
**RED LAKE WATERSHED DISTRICT
1000 PENNINGTON AVENUE SOUTH
THIEF RIVER FALLS, MN 56701
(218) 681-5800**

**BRANDT IMPOUNDMENT
2020 MODIFICATION**

FILENAME		SHEET	1
SCALE			



		PROJECT MANAGER	NATHAN P. DALAGER	<p align="center">RED LAKE WATERSHED DISTRICT 1000 PENNINGTON AVENUE SOUTH THIEF RIVER FALLS, MN 56701 (218) 681-5800</p>	<p align="center">BRANDT IMPOUNDMENT 2020 MODIFICATION</p>
		DESIGNED	NICK OLSON		
		DESIGNED			
		CHECKED	NATE DALAGER		
		CHECKED	DAVE MARSHALL		
		DRAWN	NICK OLSON		
		DRAWN			
	ISSUE	DATE	DESCRIPTION		
		PROJECT NUMBER	#60D		
					FILENAME
					SCALE
					SHEET
					2



STA	CLEARING & GRUBBING AC	COMMON EX CY	SPOIL LEVELING HOUR	TURF ESTABLISHMENT AC	18" CMP LN FT	18" APRON EACH	18" CANAL GATE EACH	30" CMP LN FT	30" APRON EACH	30" CANAL GATE EACH
DIVERSION BERM 1										
0+35					50	1	1			
0+00 TO 7+21	1		8	1.0						
7+21 TO 14+04		614		0.8						
10+41					42	1	1			
DIVERSION BERM 2										
0+27								46	1	1
0+27 TO 1+95		206		0.2						

PIPE 3
 STA 0+27
 INSTALL 58"x30" GALVANIZED 14 GAUGE CORRUGATED STEEL PIPE WITH APRON ON INLET & WATERMAN CANAL GATE TYPE C10 ON OUTLET 3:1 SIDE SLOPES - 24' TOP
 INLET ELEV. 912.0'
 OUTLET ELEV. 911.8'

CONSTRUCT DIVERSION BERM
 TOP ELEVATION 917.50'
 APPROX 195' LIN.FT.
 TOP WIDTH 12'
 TURF ESTABLISHMENT 0.2 ACRES

STA 0+35 TP STA 7+08
 EXISTING SPOIL PILE- TO BE LEVELED TO ELEVATION 917.50' (1988 DATUM)
 APPROX. 673' IN LENGTH
 TURF ESTABLISHMENT 1.0 ACRES

CONSTRUCT DIVERSION BERM
 TOP ELEVATION 917.50'
 APPROX 788' LIN.FT.
 TOP WIDTH 12'
 TURF ESTABLISHMENT 0.8 ACRES

PIPE 1
 STA 0+35
 INSTALL 50"x18" GALVANIZED 16 GAUGE CORRUGATED STEEL PIPE WITH APRON ON INLET & WATERMAN CANAL GATE TYPE C10 ON OUTLET 3:1 SIDE SLOPES - 12' TOP
 INLET ELEV. 911.5'
 OUTLET ELEV. 911.25'

PIPE 2
 STA 10+41
 INSTALL 42"x18" GALVANIZED 16 GAUGE CORRUGATED STEEL PIPE WITH APRON ON INLET & WATERMAN CANAL GATE TYPE C10 ON OUTLET 3:1 SIDE SLOPES - 12' TOP
 INLET ELEV. 912.8'
 OUTLET ELEV. 912.5'

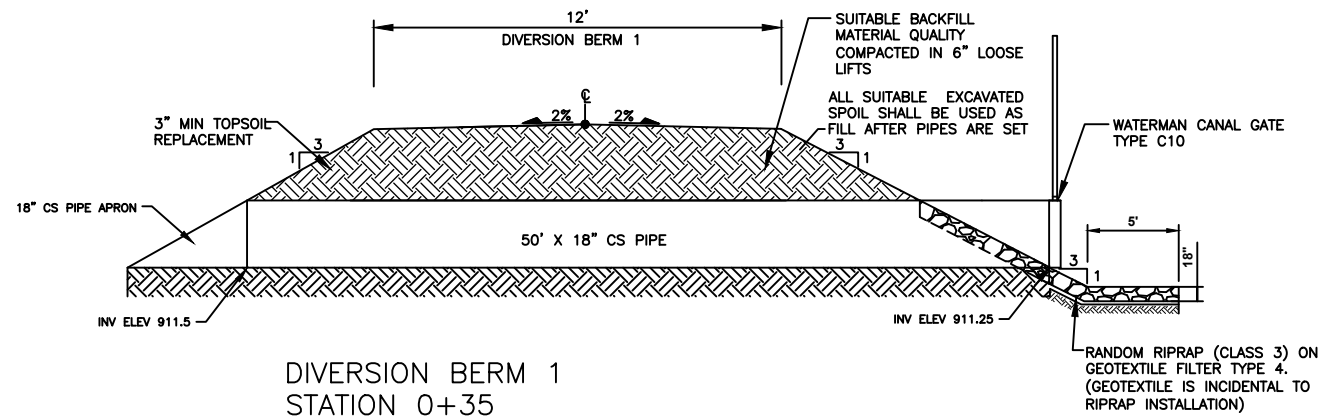
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	NATHAN P. DALAGER
DESIGNED	NICK OLSON
DESIGNED	NICK OLSON
CHECKED	NATE DALAGER
CHECKED	DAVE MARSHALL
DRAWN	NICK OLSON
DRAWN	NICK OLSON
PROJECT NUMBER	#60D

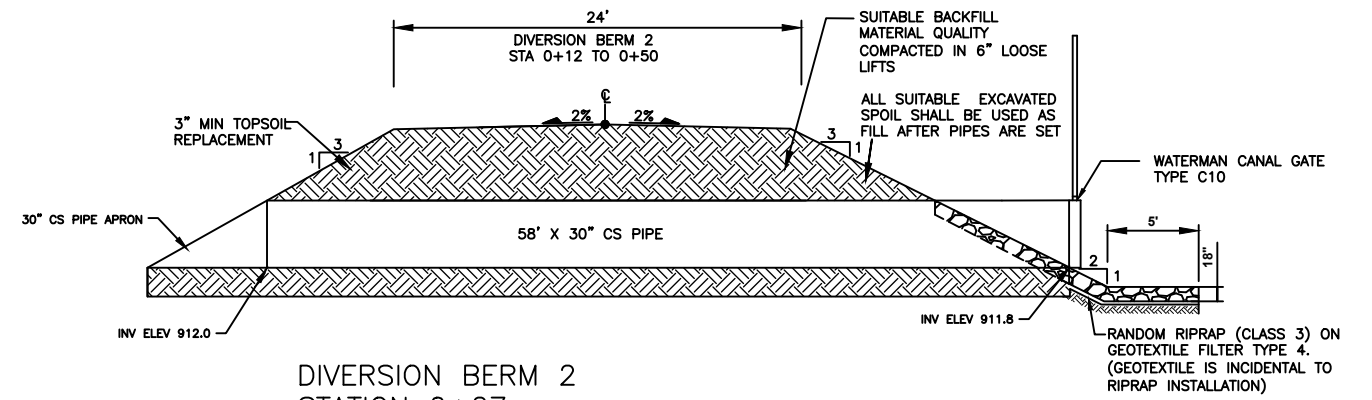
RED LAKE WATERSHED DISTRICT
 1000 PENNINGTON AVENUE SOUTH
 THIEF RIVER FALLS, MN 56701
 (218) 681-5800

BRANDT IMPOUNDMENT
 2020 MODIFICATION

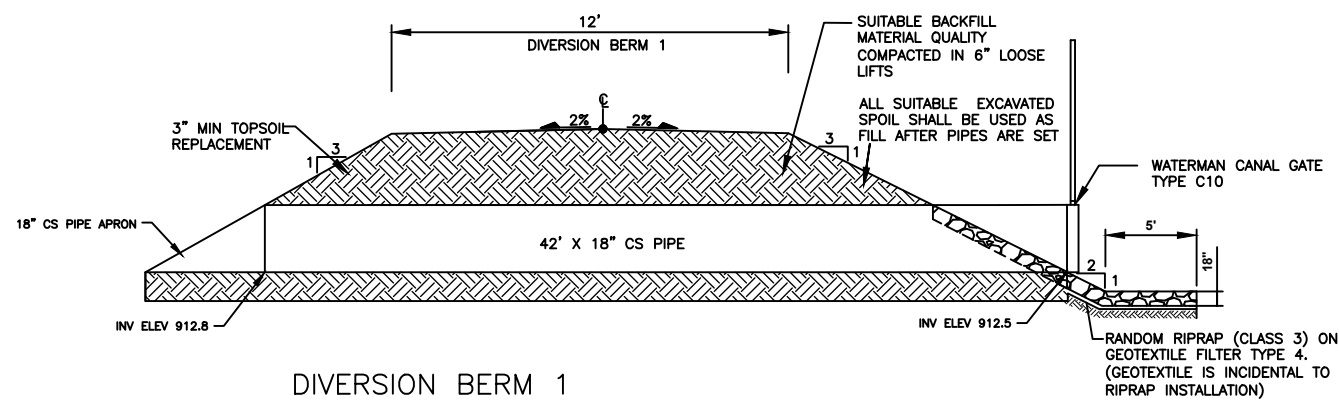
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SCALE			



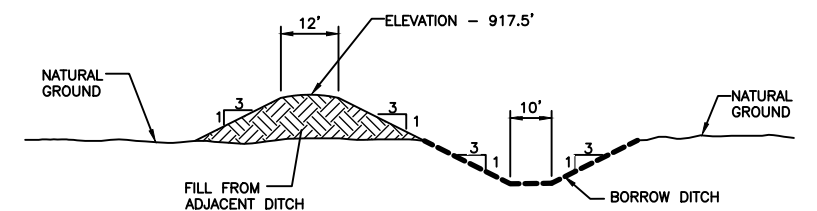
DIVERSION BERM 1
STATION 0+35
PIPE 1 - 50' X 18" CS PIPE TYPICAL SECTION
NOT TO SCALE



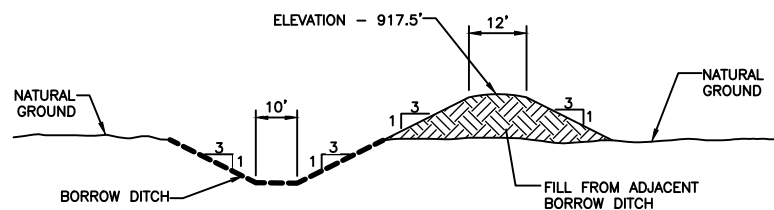
DIVERSION BERM 2
STATION 0+27
PIPE 3 - 58' X 30" CS PIPE TYPICAL SECTION
NOT TO SCALE



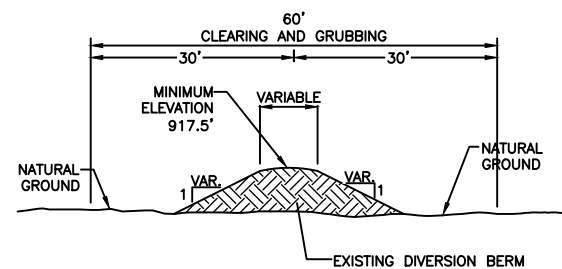
DIVERSION BERM 1
STATION 10+41
PIPE 2 - 42' X 18" CS PIPE TYPICAL SECTION
NOT TO SCALE



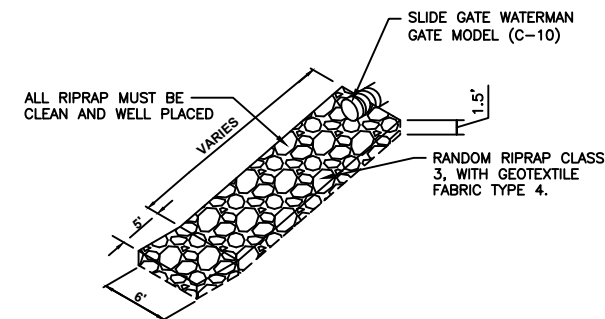
TYPICAL SECTION OF DIVERSION BERM 2
STATION 1+00 TO 2+03
NOT TO SCALE



TYPICAL SECTION OF DIVERSION BERM 1
STATION 7+21 TO 14+04
NOT TO SCALE



TYPICAL SECTION OF DIVERSION BERM 1
STATION 0+35 TO STATION 7+08
NOT TO SCALE



TYPICAL SIDE INLET PIPE
RIPRAP DETAIL
NOT TO SCALE

PROJECT MANAGER	NATHAN P. DALAGER
DESIGNED	NICK OLSON
CHECKED	NATE DALAGER
CHECKED	DAVE MARSHALL
DRAWN	NICK OLSON
DRAWN	
PROJECT NUMBER	#60D

RED LAKE WATERSHED DISTRICT
1000 PENNINGTON AVENUE SOUTH
THIEF RIVER FALLS, MN 56701
(218) 681-5800

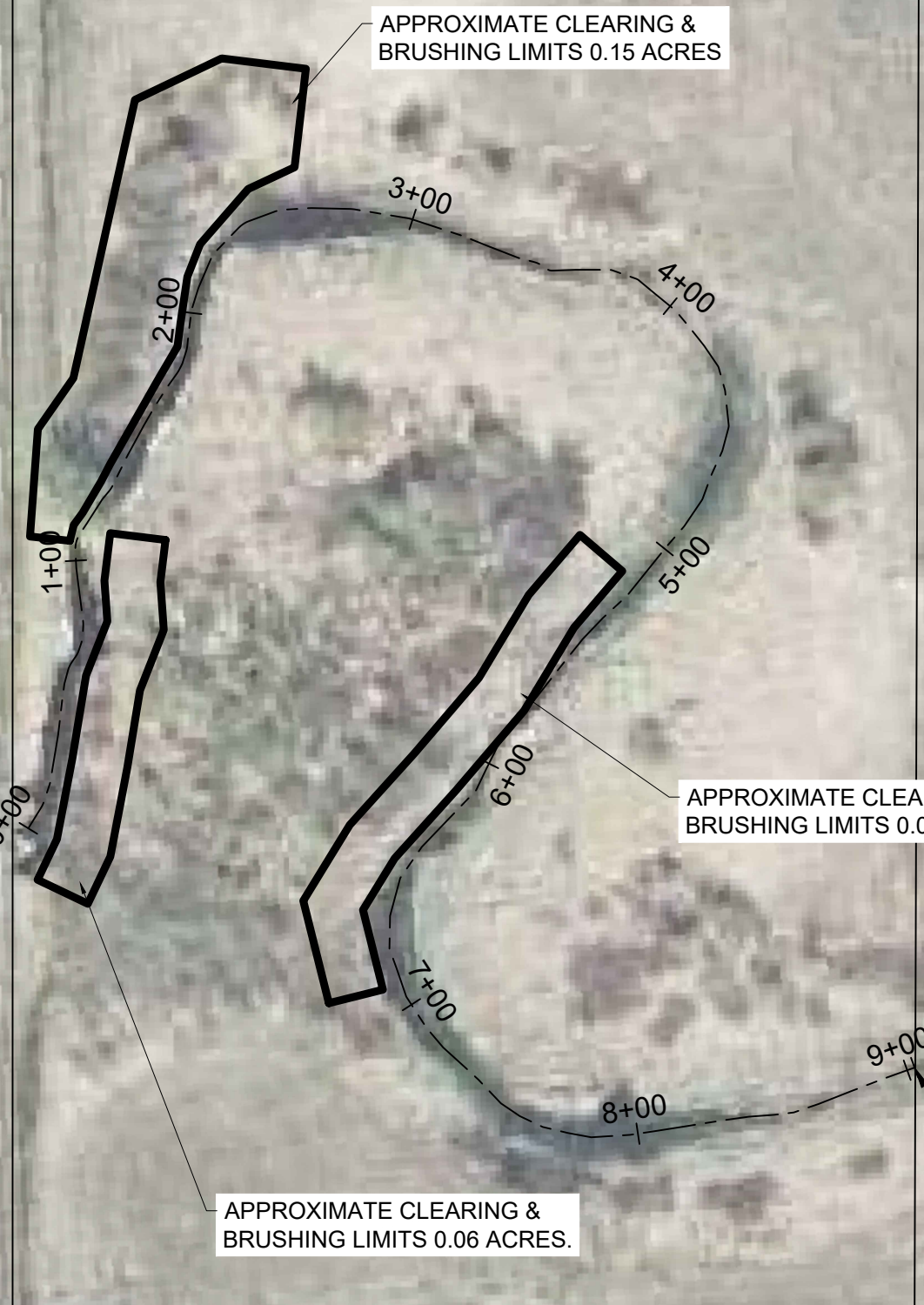
BRANDT IMPOUNDMENT
2020 MODIFICATION

FILENAME		SHEET	4
SCALE			

NOTE:
ENGINEER WILL MARK CLEARING &
BRUSHING LIMITS IN THE FIELD.



270 AVE SW

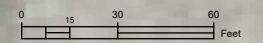


APPROXIMATE CLEARING &
BRUSHING LIMITS 0.04 ACRES

APPROXIMATE CLEARING &
BRUSHING LIMITS 0.15 ACRES

APPROXIMATE CLEARING &
BRUSHING LIMITS 0.09 ACRES

APPROXIMATE CLEARING &
BRUSHING LIMITS 0.06 ACRES.



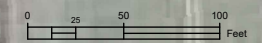
		PROJECT MANAGER	NATHAN P. DALAGER	RED LAKE WATERSHED DISTRICT 1000 PENNINGTON AVENUE SOUTH THIEF RIVER FALLS, MN 56701 (218) 681-5800	BRANDT IMPOUNDMENT 2020 MODIFICATION	
		DESIGNED	NICK OLSON			
		DESIGNED				
		CHECKED	NATE DALAGER			
		CHECKED	DAVE MARSHALL			
		DRAWN	NICK OLSON			
		DRAWN				
		PROJECT NUMBER	#60D			
ISSUE	DATE	DESCRIPTION				
				FILENAME		SHEET
				SCALE		6



NOTE:
ENGINEER WILL MARK CLEARING &
BRUSHING LIMITS IN THE FIELD.

260 AVE SW

APPROXIMATE BRUSHING LIMITS 5.0 ACRES
ENGINEER WILL MARK BRUSHING IN FIELD.



		PROJECT MANAGER	NATHAN P. DALAGER	<p>RED LAKE WATERSHED DISTRICT 1000 PENNINGTON AVENUE SOUTH THIEF RIVER FALLS, MN 56701 (218) 681-5800</p>	<p>BRANDT IMPOUNDMENT 2020 MODIFICATION</p>						
		DESIGNED	NICK OLSON								
		DESIGNED									
		CHECKED	NATE DALAGER								
		CHECKED	DAVE MARSHALL								
		DRAWN	NICK OLSON								
		DRAWN									
ISSUE	DATE	DESCRIPTION	PROJECT NUMBER	#60D	<table border="1"> <tr> <td>FILENAME</td> <td></td> <td>SHEET</td> </tr> <tr> <td>SCALE</td> <td></td> <td>7</td> </tr> </table>	FILENAME		SHEET	SCALE		7
FILENAME		SHEET									
SCALE		7									



Permit # **20-185**

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Gary Pulkrabek		2018 9th Street SE East Grand Forks, MN 56721		tel: mobile: 218-230-3441 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: Euclid Range: 47 Section: 5 1/4: N1/2**

(4) Describe in detail the work to be performed. **Clean and deepen ditch. Up size culverts and berm in Section 6.**

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

Status

Status	Notes	Date
Approved		None
Received		Aug. 6, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean the south county road ditch for 1.25 miles, build a field berm for said length, and up-size culverts. Applicants shall contact the appropriate road authority for their approval and must meet their specs/conditions when working within the right-of-way. Applicants shall increase the sizes of all culverts working from the downstream/westerly end working upstream/easterly, to not leave any culvert under-sized causing adverse effects. Applicant shall ensure that all disturbed areas are seeded and rock riprap with filter fabric is placed at the outlet ends of all effected culverts in this permit. All excavation shall be consistent with the existing road and ditch slopes, there shall be no vertical excavation faces. All field berms shall be a minimum of 1.0' lower than adjacent roads. 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.

Pulkrabek/Bienek





Permit # 20-159

Status Report: **Tabled**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
William Langlois		16330 260th Street SW Crookston, MN 56716		tel:218-289-2191 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk Township: Gentilly Range: 45 Section: 22 1/4: NW1/4**

(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. **Increased drainage.**

Status

Status	Notes	Date
Tabled		Sept. 8, 2020
Received		July 15, 2020

Conditions

I recommend this permit be "tabled", the proposed tile grid has not yet been submitted. 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 # **20-161**

Status Report: **Tabled**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
William Langlois		16330 260th Street SW Crookston, MN 56716		tel: mobile: 218-289-2191 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk** Township: **Kertsonville** Range: **45** Section: **3 1/4**: **SW1/4**

(4) Describe in detail the work to be performed. **Install 5 acres pattern tile with gravity outflow**

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

Status

Status	Notes	Date
Tabled		Sept. 8, 2020
Received		July 15, 2020

Conditions

I recommend this permit be "tabled", the proposed tile grid has not yet been submitted. N.J.O.

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



Permit # 19-181

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Wayne Vettleson		20499 350th Avenue SE Oklee, MN 56742		tel:218-796-5204 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Equality** Range: **40** Section: **25 1/4**: **SW1/4**

(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	Extension Request	Sept. 8, 2020

Conditions

RLWD approves the extension request, extension is one additional year from the current completion date of October 30, 2020.

Application will now have a completion date of October 30, 2021. N.J.O.

Red Lake Watershed District (RLWD) approves the pattern tile project with a 'Lift Pump' outlet. Permitted work in this permit only includes the land that lies within the benefitted area of RLWD project #115, "Equality/RLWD Ditch 1, Lat C" , lands that do not pay benefits to said ditch system are not permitted and shall not be tiled. 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 and/or pump station(s) outlets, applicant shall ensure that adequate grade and drainage is provided. ■ 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 # 19-129

Status Report: **Approved**

Applicant Information

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

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Red Lake** Township: **Lake Pleasant** Range: **44** Section: **20 1/4: SE1/4**

(4) Describe in detail the work to be performed. **Install 18" diameter culvert in field entrance (north side of County Road #13).**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Improve drainage on a small area of agricultural land.**

Status

Status	Notes	Date
Approved	Extension Request	Sept. 8, 2020

Conditions

RLWD approves the extension request, extension is one additional year from the current completion date of September 19, 2020. Application will now have a completion date of September 19, 2021. N.J.O.

P.A. #19129 Red Lake Watershed District (RLWD) approval to install an 18 in. diameter csp field entrance culvert, as per approval of Red Lk. County Hwy. Dept. specs/conditions; proposed work is in the North ditch of Red Lk. County Road #113 Right-of-Way. The RLWD has performed an elevation survey of the ditch bottom, and existing culverts. A copy of the survey has been provided to the applicant, the proposed culvert elevation is to be installed at the approximate existing ditch grade. Contact persons at Red Lake Co. Hwy. Dept. are Engineer Eric Hove or Randy Konickson at 218-253-2697. For proposed work on lands not owned by applicant, For 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)

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 # 20-104

Status Report: **Approved**

Applicant Information

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

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Polk** Township: **Badger** Range: **42** Section: **10 1/4**: **SW1/4**

(4) Describe in detail the work to be performed. **Clean the north side of road ditch adjacent to 300th Street SE.**

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

Status

Status	Notes	Date
Approved	Additional Comments	Aug. 27, 2020

Conditions

ADDITIONAL COMMENTS – RLWD approval to install an 18” diameter centerline culvert through 300th ST SE, and to remove a dry crossing and install an 18” diameter culvert. See Map. N.J.O.

RLWD approval to clean a north township road ditch, as per approval of Badger Township; proposed work is within Township Road Right-of-Way. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Existing drainage/flow patterns shall not be changed or diverted. Applicant is responsible for utility locates by calling Gopher 1 at (1-800-252-1166) N.J.O./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 # 20-195

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Marshall County Highway Department	447 South Main Warren, MN 56762		tel:218-745-4381 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall Township: Agder Range: 42 Section: 5 1/4: S1/2**

(4) Describe in detail the work to be performed. **Replace three centerline 18" culverts in the same locations with 3 - 24" pipes. All are along County Road 120 on the south side of Section 5.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Existing 18" CMP are failing and need replacement. Replacing with 24" CMP as per culvert replacement policy.**

Status

Status	Notes	Date
Approved		Aug. 27, 2020
Received		Aug. 24, 2020

Conditions

RLWD approval to remove a failed 18" diameter centerline pipe and replace it with a 24" diameter culvert, in three locations. 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 # 20-198

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: **Reiner** Range: **39** Section: **23 1/4: SE1/4**

(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 has failed.**

Status

Status	Notes	Date
Approved		Aug. 27, 2020
Received		Aug. 25, 2020

Conditions

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

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



Permit # 20-199

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:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Garnes** Range: **41** Section: **13 1/4: NE1/4**

(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		Sept. 9, 2020
Received		Aug. 24, 2020

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project that ties into an existing 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. 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 # 20-200

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:

Tiling

(2) Legal Description

(3) County: **Red Lake** Township: **Lambert** Range: **41** Section: **4 1/4: W1/2 SW1/4**

(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		Sept. 9, 2020
Received		Aug. 24, 2020

Conditions

The Red Lake Watershed District (RLWD) approves the pattern tile project with three 'gravity' outlets. If any work is within a public road and/or public ditch right-of-way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Directly downstream of the tile outlets, applicant shall ensure that adequate grade and drainage is provided. Applicant shall install appropriate erosion control measures for energy dissipation at the tile outlets. It appears that the proposed work and/or the tile outlets may be near the Lost River. If any of the work will be done on the riverbank, applicant shall contact the MN Dept. of Natural Resources (MNDNR) area hydrologist concerning their requirements, if any. Contact person at the Thief River Falls MNDNR office is hydrologist Stephanie Klamm at 218-219-8585. ■ 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./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 # 20-201

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Charles Kiesow		24798 340th Avenue NE Goodridge, MN 56725		tel: mobile: 218-686-5504 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall** Township: **Moylan** Range: **40** Section: **24 1/4: NW1/4**

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

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

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Aug. 26, 2020

Conditions

Red Lake Watershed District (RLWD) approval to install an 18" diameter field entrance culvert, as per approval of Moylan Township; proposed work is within township road 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.

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 # 20-202

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Pete Cielinski		PO Box 5298 Grand Forks, ND 58206		tel:701-741-1715 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: **Sullivan** Range: **None** Section: **8 1/4: NW1/4**
- (4) Describe in detail the work to be performed. **Clean ditch. Replace culvert in yard crossing.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Crop loss.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Aug. 27, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean an east township road ditch for approximately 1/2 mile, and to remove a 12" diameter driveway culvert and replace it with an 18" diameter culvert. Applicant shall seek approval from Sullivan Township and meet their spec's/conditions; 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. 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 # 20-203

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	BNSF Railway Company	4515 Kansas Avenue Kansas City, KS 66106		tel:913-551-4192 mobile: fax:

General Information

(1) The proposed project is a:

Bridge Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Fanny** Range: **47** Section: **1 1/4: NE1/4 NW1/4**

(4) Describe in detail the work to be performed. **Replace existing 42' 3 span timber structure with 48' 3-span precast concrete slab structure with steel H pile foundations.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Replaced under BNSF Railway Company's general maintenance program.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Aug. 27, 2020

Conditions

Red Lake Watershed District (RLWD) approval to remove an existing 42' three span bridge and replace with a 48' three span bridge. Engineering has been completed by TKDA. 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. 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 # 20-204

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	BNSF Railway Company	4515 Kansas Avenue Kansas City, , KS 66106		tel:913-551-4192 mobile: fax:

General Information

(1) The proposed project is a:

Bridge Installation / Removal / Modification

(2) Legal Description

(3) County: **Polk** Township: **Euclid** Range: **47** Section: **23 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Replace existing 44' 4-span timber structure with 58' 4-span precast concrete slab structure with steel H-pile foundations.**

(5) Why is this work necessary? Explain water related issue/problem being solved. **Bridge will be reconstructed as part of the BNSF Railway Company's general maintenance program.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 1, 2020

Conditions

Red Lake Watershed District (RLWD) approval to remove an existing 44' four span bridge and replace with a 58' four span bridge. Engineering has been completed by TKDA. 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. 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 # 20-210

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
	Marshall County Highway Department	447 South Main Waren, MN 56762		tel: mobile: 218-201-1424 fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: **Marshall** Township: **Thief Lake** Range: **41** Section: **31 1/4: SW1/4 SW1/4**

(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 failing.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 2, 2020

Conditions

RLWD approval to remove and replace a 24" diameter centerline culvert, in kind. 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 # 20-211

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jim Reitmeier	Volker Family Land LLP	20903 275th Avenue SW Crookston, MN 56716		tel: mobile: 218-289-2525 fax:

General Information

- (1) The proposed project is a:
Surface Drainage (New Ditch or Improvement)
- (2) Legal Description
- (3) County: **Polk** Township: **Fanny** Range: **47** Section: **21 1/4: N1/2 SW1/4**
- (4) Describe in detail the work to be performed. **Clean blow dirt from ditch.**
- (5) Why is this work necessary? Explain water related issue/problem being solved. **Water will not drain.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 2, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean the south township road ditch for a 1/2 mile, as per approval of Fanny Township; proposed work is within township road right-of-way. Applicant may remove an 18" CMP field entrance culvert. Applicant shall ensure that all disturbed areas are seeded. 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 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 # 20-213

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Scott Vonasek		39142 Center Street West East Grand Forks, MN 56721		tel:701-739-5928 mobile: fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Polk Township: Northland Range: 49 Section: 36 1/4: SE1/4**

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

(5) Why is this work necessary? Explain water related issue/problem being solved. **High water table is holding salts up causing extreme crop degradation and failure.**

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 3, 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. A survey of the ditch bottom has been completed; a copy of the profile will be sent to the applicant with maintenance grades for cleaning. 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 # 20-215

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Jim Knott		13173 120th Avenue SW Red Lake Falls, MN 56750		tel:218-964-5656 mobile: 218-686-4066 fax:

General Information

(1) The proposed project is a:

Tiling

(2) Legal Description

(3) County: **Pennington** Township: **Black River** Range: **44** Section: **20 1/4: NE1/4**

(4) Describe in detail the work to be performed. **Installation of 12" and 15" tile**

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

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 8, 2020

Conditions

RLWD approval as per NRCS plan set submitted. Work permitted includes creating two sub basins with drop inlet risers that outlet through gravity tile lines. 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 # 20-217

Status Report: **Approved**

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Kyle Stromstad		27498 455th Street SW Beltrami, MN 56517		tel: mobile: 218-289-2511 fax:

General Information

(1) The proposed project is a:

Surface Drainage (New Ditch or Improvement)

(2) Legal Description

(3) County: **Polk** Township: **Onstad** Range: **45** Section: **6 1/4: NW1/4**

(4) Describe in detail the work to be performed. **Clean and maintain existing ditches along 190th Street.**

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

Status

Status	Notes	Date
Approved		Sept. 9, 2020
Received		Sept. 9, 2020

Conditions

Red Lake Watershed District (RLWD) approval to clean an east township road ditch, as per approval of Onstad Township; proposed work is within township road right-of-way. Applicant shall contact the Polk County Engineer prior to working within the Recreation Trail (old railroad grade) 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 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.



Red Lake Watershed District

1000 Pennington Avenue South
Thief River Falls, MN 56701
218-681-5800

www.redlakewatershed.org

AN EQUAL OPPORTUNITY EMPLOYER

Red Lake Watershed District COVID-19 Preparedness Plan

Red Lake Watershed District (RLWD) is committed to providing a safe and healthy workplace for all workers and customers. To ensure that, we have developed the following COVID-19 Preparedness Plan in response to the COVID-19 pandemic. RLWD Board of Managers and Staff are all responsible for implementing this plan. Our goal is to mitigate the potential for transmission of COVID-19 in our workplaces and communities, and that requires full cooperation among our workers, management, and customers. Only through this cooperative effort can we establish and maintain the safety and health of our workplaces.

RLWD Board of Managers and Staff are responsible for implementing and complying with all aspects of this COVID-19 Preparedness Plan.

RLWD employees are our most important assets. We are serious about safety and health and keeping our staff working at RLWD. Staff involvement is essential in developing and implementing a successful COVID-19 Preparedness Plan. RLWD Staff and Board of Managers will be involved in this process as new information becomes available.

Our COVID-19 Preparedness Plan follows Centers for Disease Control and Prevention (CDC) and Minnesota Department of Health (MDH) guidelines, federal OSHA standards related to COVID-19 and Executive Order 20-81, and addresses:

- Screening for employees exhibiting signs and symptoms of COVID-19
- Exhibiting Cold or Flu systems and/or Exposed for COVID-19
- Notification/Disclosure
- Self-Monitor Sanitation and Hygiene
- Social Distancing
- Mask Requirements
- Housekeeping
- Communication and Training
- Working Remotely (Per Board Approval)

Screening for employees exhibiting signs and symptoms of COVID-19

- Administrator, Board of Managers and Staff will be continuously reminded of and encouraged to self-monitor for signs and symptoms of COVID-19.

Exhibiting Cold or Flu systems and/or Exposed to COVID-19

- Any Staff exhibiting cold or flu symptoms is instructed to contact the Administrator immediately.
- Any Staff and/or Board of Managers that have been exposed to a person with confirmed COVID-19 at their workplace are required to be quarantined at home for 2 weeks.
- Any Staff and/or Board of Managers that has been exposed to a person with confirmed COVID-19 outside their workplace are required to be quarantined at home for 2 weeks.

Notification/Disclosure

- RLWD will notify their own Staff/Board of Managers, that a co-worker (or a visitor to the office) tested positive for COVID-19 without disclosing any identities or anything specific about his/her medical condition or symptoms to others in or outside the workplace. Under the American Disability Act (ADA), any information regarding the medical condition or history of an employee that an employer obtains as part of an examination or inquiry into a disability could constitute a confidential medical record that can be disclosed only to certain individuals in limited circumstances. 42 U.S.C. § 12112(d)(3)(B) and 12112(d)(4).

Site Sanitation and Hygiene:

- Frequently wipe down with sanitary wipes (i.e. Clorox Wipes) often-used surfaces such as counter tops, photo copiers, door handles, storage cabinet handles, file cabinet handles, water dispenser, microwave, refrigerator, tables, faucets, light switches. All staff should take the initiative on this, but individuals may be assigned the task to undertake several times daily.
- Masks are advised to be worn during interaction with customers and in settings where social distancing is difficult within the office. Each Staff are responsible for their own mask.
- Frequently and thoroughly wash hands.
- Cover your cough or sneeze into your elbow or tissue.
- Avoid touching your face.
- RLWD may provide Kleenex/tissue.
- RLWD provides cleansing wipes – subject to availability.
- RLWD provides hand sanitizer and/or wipes - subject to availability.

Social Distancing:

- Do not attend non-essential functions and meetings – participate remotely if possible.
- When hosting meetings, encourage and provide means of remote participation.
- Use remote communications technologies – email, Skype, phone, conference call, WebEx, ZOOM.
- Minimize or no contact with the workspace of others; maintain six feet of distance between staff
- Minimize or no physical contact with others – alternatives to handshakes – wave, nod, verbal greeting, elbow bump; maintain six feet of distances between staff and customers
- Use phones to talk with co-workers in the office
- Eat lunch alone at individual desks
- Stagger work/break schedules
- Regulate riding in or sharing of vehicles
- Instructions will be communicated to customers about how drop-off, pick-up and delivery will be conducted to ensure social distancing between the customer.
- Customers or RLWD visitors are not allowed to enter the office area (behind front counter or through employee door) or within any one office space. Business will be conducted at a designated area (i.e. Board room).

Mask Requirements:

- A “face covering” must be worn to cover the nose and mouth completely, and can include a paper or disposable face mask, a cloth face mask, a scarf, a bandanna, a neck gaiter, or a religious face covering. Masks that incorporate a valve designed to facilitate easy exhaling, mesh masks, or masks with openings, holes, visible gaps in the design or material, or vents are not sufficient face coverings because they allow exhaled droplets to be released into the air. Masks should be worn at all times, indoors and while ride sharing.

Housekeeping:

- Falls on the responsibility of the RLWD Janitor.

Communications and Training:

- The RLWD Administrator is to monitor how effectiveness of this plan through frequent Staff meetings and monthly Board of Manager board meetings and will continue to communicate to Managers and Staff any COVID-19 updates and any information from the State of MN.

Working Remotely:

- Employees may be permitted to work from home with prior authorization from the Administrators/Board of Managers. Employees are trusted to complete diaries and be ready to explain accomplishments for days activities.

This Preparedness Plan was communicated through the Administrator, Administrative Assistant and Board of Managers at the Board of Managers board meetings and distributed to Staff on _____. The Administrator and Staff are to work through this new plan together and update the training as necessary. This COVID-19 Preparedness Plan has

been certified by Red Lake Watershed District Board of Managers and was posted throughout the workplace
_____. It will be updated as necessary.

Other measures will be taken as deemed practical by the Administrator in accordance with evolving guidance as provided by professionals (CDC, MDH).

Thank you.

Myron Jesme
Administrator

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