RED LAKE WATERSHED DISTRICT

March 28, 2024 9:00 a.m. **Agenda**

9:00 a.m.	Call to Order	Action
	Review and approve agenda	Action
	Requests to appear	Information
	March 14, 2024 Minutes	Action
	March 18, 2024 Minutes	Action
	Financial Report dated March 27, 2024	Action
	Lost River, RLWD Project No. 17 - Structure Replacement	Information
	Elm Lake, RLWD Project No. 52 – Screw Gate	Information
	SD 83, RLWD Project No. 14 – Maintenance	Info/Action
	Knutson Dam, RLWD Project No. 50F	Info/Action
	Houston Ave, RLWD Project No. 92	Information
	Huot Bank Stabilization, RLWD Project No. 149	Info/Action
	Payment Ring Dike, RLWD Project No. 129BC	Action
	Shirrick Dam, RLWD Project No. 25 DNR inspection Report	Information
	Brandt Impoundment, RLWD Project No. 60D Inlet Berm Maintenance	Info/Action
	RRWMB – USGS Stream Gauge Cost Share	Action
	Lake Level Monitoring Data Buoy	Info/Action
	Permits: 23169-23170 and 24008-24013	Action
	Permit Extension: No. 23016, Blair Holthusen, River Falls Township, Pennington C	Action ounty
	RLWD Advisory Board Member – Ben Linder	Info/Action
	Administrators Update	Information

Legal Counsel Update

Managers' Updates

Adjourn

UPCOMING MEETINGS:

March 28, 2024	RLWD Board Meeting, 9 am
April 11, 2024	RLWD Board Meeting, 9 am
April 15, 2024	RRWMB Meeting, Ada, 10 am
April 25, 2024	RLWD Board Meeting, 9 am

Information

Information

Action

RED LAKE WATERSHED DISTRICT Board of Manager's Minutes March 14, 2024

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

Present: Managers: Gene Tiedeman, LeRoy Ose, Tom Anderson, Grant Nelson, Brian Dwight, and Allan Page. Manager's Absent: Terry Sorenson. Staff Present: Tammy Audette, Elaine Rychlock, Melissa Bushy, Lindsey Kallis, and Legal Counsel, Delray Sparby. Guests: Nate Dalager, Tony Nordby, Jim Graham, Gary Kiesow, Darrold Rodahl, and Matt Fischer.

The Board reviewed the agenda. A motion was made by Tiedemann, seconded by Page, and passed by unanimous vote that the Board approve the agenda as presented. Motion carried.

A request to appear was made by Marshall County resident, Darrold Rodahl.

The Board reviewed the February 22, 2024, Board meeting minutes. Motion by Ose, seconded by Page, to approve the February 22, 2024, Board meeting minutes, as presented. Motion carried.

The Board reviewed the Financial Report dated March 13, 2024. Motion by Anderson, seconded by Page, to approve the Financial Report dated March 13, 2024. Motion carried.

Darrold Rodahl expressed his concerns and presented landowner signatures regarding the proposed Mud River Project, RLWD Project No. 180C, without first addressing downstream flooding issues. Rodahl requested a meeting with the District, for discussion on possible flooding solutions along State Ditch 83, RLWD Project No. 14. After discussion by the Board, a motion was made by Dwight, seconded by Ose, to authorize a meeting with Rodahl and delegates from the landowners, along with Manager Ose, Administrator Audette, and Engineer Nate Dalager, HDR Engineering, Inc. Motion carried. Audette will work with those involved to determine a meeting date.

Matt Fischer, BWSR, presented information on the Performance Review and Assistance Program (PRAP) administered by BWSR. The program includes an Annual Statewide Summary and three types of assessments: Organizational Assessment, Watershed-based Assessments, and Special Assessments. BWSR uses this program to provide organizational improvement or assistance grants to local government units (LGUs) in need and prepares an annual report to the legislature outlining work conducted under the program. BWSR will deliver their findings to the board on April 25, 2024.

The Board reviewed Task Order #3 in the amount of \$190,550 and the Facilitation Agreement with RRWMB/FDRWG for the Mud River Project, RLWD Project No. 180C. A motion was made by Dwight, seconded by Ose to table any action relating to both the Task Order #3 and the Facilitation Agreement for the Mud River Project, RLWD Project No. 180C, until the downstream landowner meeting is held. Motion carried.

Red Lake Watershed District March 14, 2024 Page **2** of **3**

Nate Dalager, HDR Engineering, presented to the Board information on the Turtle Cross Connection Project, RLWD Project No. 114. Dalager reviewed slides that contained information related to the project. Dalager indicated that a Project Team meeting will be held in April.

Tony Nordy, Houston Engineering, reviewed the Geotechnical Risk Assessment study done by Braun Intertec for the Houston Avenue Project, RLWD Project No. 92. A motion was made by Ose, seconded by Page, to forward the assessment to the landowners and to the City of Crookston, MN. Motion carried.

Administrator Audette discussed the Drees/Stock Bank Stabilization Projects, Thief River 1W1P, RLWD Project No. 149A, and the concerns the landowners have regarding the amount of trees they would lose. Audette stated that the District will need to have a match for the RRWMB Water Quality Funds. Additional information will be brought to the Board at a later time.

Administrator Audette discussed the Cardinal Ring Dike, RLWD Project No. 129BB. Proposals shall be delivered by 4:30 pm on April 10, 2024, at the office of the Red Lake Watershed District, 1000 Pennington Avenue South, Thief River Falls, MN 56701. A motion was made by Ose, seconded by Nelson, to approve distribution of the Cardinal Ring Dike, RLWD Project No. 129BB, Plans and Specifications to local contractors, with quotes due by 4:30 p.m. on April 10, 2024, at the District office. Motion carried.

Administrator Audette reviewed the quote for purchase of MS4Front and Implementation of Permit and 1W1P Implementation Tracking Modules received from Houston Engineering. After much discussion, a motion was made by Dwight, seconded by Ose, to table this for further information. Motion carried.

The Board reviewed funding requests from the Red Lake SWCD for the Randy Pahlen Grade Stabilization Structure Project in the amount of \$3,000; the Danny Payment Grade Stabilization Structure Projects in the amount of \$5,000; and the Nick Seeger Grade Stabilization Structure Project in the amount of \$1,500 . Motion by Ose, seconded by Page, to approve the funding requests from the Red Lake SWCD for the Randy Pahlen Grade Stabilization Structure, the Danny Payment Grade Stabilization Structure, and the Nick Seeger Grade Stabilization Structure for a total amount of \$9,500, from the District's Clearwater River 1W1P, RLWD Project No. 149B funds. Motion carried. Administrator Audette stated that funds from the District cost shares can be used as matching funds for the Clearwater River 1W1P grant.

Administrator Audette discussed an invoice received on March 6, 2024, from Clean Cut Maintenance for ditch maintenance. Some of the charges on the invoice were from 2021, 2022, and 2023. After discussion was had, a motion was made by Nelson, seconded by Anderson, to approve the payment of previously unpaid charges from this invoice and for the RLWD to require charges to be submitted and paid within the same fiscal year by the contractor or the RLWD will not renew the contract with that contractor the following year. Motion carried.

A motion was made by Ose, seconded by Page, to approve the withdrawal of Permit No. 24-005, Angus Township, Polk County, as requested. Motion carried.

Red Lake Watershed District March 14, 2024 Page **3** of **3**

A motion was made by Ose, seconded by Anderson, to approve tabling Permit No. 24-008, Bruce Stromstad, Kerstonville Township, Polk County, to allow for further review by District staff. Motion carried.

The Board reviewed the permits for approval. Motion by Anderson, seconded by Page, to approve the following permits with conditions stated on the permit: No. 24-006, BNSF Railway Company, Fanny Township, Polk County; and No. 24-007, Aaron Myhre, Terrebonne Township, Red Lake County. Motion carried.

A motion was made by Ose, seconded by Page to approve the addition of Kelly Dahlen and John Barrett to the RLWD Advisory Board. Motion carried.

Staff member Lindsey Kallis and Manager Dwight discussed the potential of offering scholarships to River Watch Students within the District. The Board directed Kallis to bring back additional information for consideration and have the potential reviewed by legal counsel.

Administrator's Update:

- **MN Legislature:** Included in the packet is the 2024 legislative bill tracking, updated as of March 11, 2024.
- **RRWMB:** Audette plans to attend the RRWMB meeting next week in Moorhead, followed by the RRWMB/FDRWG conference.
- **District Audit:** The RLWD Audit was completed last week. Audette felt that staff were able to get their questions answered, which will be helpful in the future.
- **2024 BWSR Spring Training:** Included in the packet is information on the 2024 BWSR Spring Training to be held on March 28th.
- **Red Lake County SWCD Landowner meeting:** Audette presented at the Red Lake SWCD landowner meeting on March 13, 2024. Manager Page was also in attendance.
- **Thief River 1W1P:** Audette participated in the March 22, 2024, Thief River 1W1P Policy Committee meeting at the District office.

Legal Counsel Sparby updated that Board on the Section 25, Terrebonne Township, Red Lake County permit violation and subsequent misdemeanor charges filed by Red Lake County.

Legal Counsel Sparby discussed the Supreme Court Oral Argument for the Improvement to Polk County Ditch 39, RLWD Project No. 179.

Manager Dwight discussed the potential of the "Keep It Clean" legislation and a bill in the House of Representatives for the local tribal nations "LandBack" movement.

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

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT Board of Managers Minutes

RLWD Advisory Meeting Red Lake Watershed District Office 1000 Pennington Avenue South March 18, 2024 9:00 a.m.

Present were: Managers Tom Anderson, Allan Page, Terry Sorenson, and Brian Dwight. Absent: Grant Nelson, LeRoy Ose, and Gene Tiedemann. Staff present: Tammy Audette, Melissa Bushy, Elaine Rychlock, Tony Olson, Corey Hanson, Nate Koland, Lindsey Kallis, and Erick Huseth.

Vice-President Terry Sorenson called the Red Lake Watershed District Board Meeting to order at 9:00 am, to allow the Board to participate in the Red Lake Watershed Advisory Committee Annual Meeting.

After the Red Lake Watershed Advisory Committee Annual Meeting concluded, a motion was made by Sorenson, seconded by Page, to adjourn the meeting. Motion carried.

LeRoy Ose, Secretary

RED LAKE WATERSHED DISTRICT

Financial Report for March 27, 2024				
Ck#	Check Issued to:	Description		Amount
online	EFTPS	Withholding FICA, Fed, & Medicare (3/13/24 payroll)	\$	4,269.28
online	MN Department of Revenue	Withholding MN taxes (3/13/24 payroll)	\$	745.71
online	PERA	Public Employee Retirement Account (3/27/24 payro	\$	2,908.62
41178	Clean Cut Maintenance	Mowing 2021-2023 (board approval 3-13-24)	\$	35,540.00
41179	Pennington SWCD	Amendment - 149 Midpoint	\$	132.08
41180	Piggy BBQ	2024 Advisory Committee Meeting Luncheon	\$	820.91
41181	Leroy Ose	Mileage	\$	84.42
41182	Tom Anderson	Mileage	\$	190.28
41183	Corp. Tech	Managed IT services	\$	1,995.00
41184	Daniel Schmitz	Mileage	\$	26.13
41185	David Kiecker	Mileage	\$	56.28
41186	David Rodahl	Mileage	\$	13.40
41187	John Gunvalson	Mileage	\$	67.00
41188	John Ungerecht	Mileage	\$	132.66
41189	Mark Larson	Mileage	\$	80.40
41190	void - NCPERS now ACH payment	Employee Life Insurance	\$	-
41191	Roger Love	Mileage	\$	58.96
41192	Steve Linder	Mileage	\$	34.84
41193	Steve Holte	Mileage	\$	46.90
41194	TRF Times	Annual Subscription	\$	46.00
41195	Red Lake County SWCD	Clearwater 1W1P & Red Lake River 1W1P	\$	4,600.92
41196	Kelly Dahlen	Beaver Trapping & Mileage for Advisory Meeting	\$	1,046.90
41197	void -	wrong vendor	\$	-
41198	*Penn. Co Hwy Deptreissued	CD#96 Project Construction (original ck#41177)	\$	20,307.00
41199	Kristi Huseth	Cleaning	\$	630.00
41200	RRWMB	USGS Stream Gages	\$	11,935.00
41201	Erick Huseth	Per Diem	\$	62.00
41202	Marco	Office Phones	\$	378.43
41203	City of Thief River Falls	1/2 of Water Intake Study (approved 1/23/23)	\$	38,400.00
online	PureWater	Office H20	\$	38.00
online	Sunlife Financial	Life Insurance	\$	144.64
online	Intuit Inc. Quick Books	Monthly Fee	\$	424.00
online	WEX	Monthly fee	\$	8.25
online	WEX	FSA Medical Claim - CH	\$	640.00
direct	Staff Payroll & Board	3/27/2024	\$	16,724.14
direct	Total Checks		\$	142,588.15
Banking	Northern State Bank			
	Balance as of March 13, 2024		\$	291,756.95
	Total Checks Written		\$	(142,588.15)
	Receipt #12203 - State of MN Swift	Red Lake River 2022 Grant 50%	\$	228,754.00
	Receipt #12204 - Loiusville Land Rent	Paul Huot	\$	6,231.63
	Receipt #12205 - Ring Dike Pmt.	Danny Payment - 129BC	\$	22,153.54
	*Penn. Co Hwy Dept void ck #41177		\$	40,912.40
	Balance as of March 27, 2024		¢	447 220 37

Current interest rate is 3.25%

\$ 447,220.37

Balance as of March 27, 2024

	American Federal Bank-Fosston Balance as of March 13, 2024		\$ 5,219,335.61
	Balance as of March 27, 2024	Current interest rate is 3.3%	\$ 5,219,335.61
CD's	Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	\$ 237,000.00
	Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	\$ 237,000.00
	Edward Jones Balance	12 month CD 5.02% Expiry 5-07-24	\$ 26,000.00
	Edward Jones Balance	12 month CD 5.45% Expiry 9-19-24	\$ 241,000.00
	Edward Jones Balance	12 month CD 5.5% Expiry 9-29-24	\$ 237,000.00
	Edward Jones Balance	12 month CD 5.5% Expiry 9-29-24	\$ 33,000.00
	Edward Jones Balance	12 month CD 4.85% Expiry 12-15-24	\$ 238,000.00
	Edward Jones Balance	12 month CD 4.55% Expiry 12-15-24	\$ 238,000.00
	Edward Jones Balance	12 month CD 4.75% Expiry 12-15-24	\$ 24,000.00
	Edward Jones Balance	12 month CD 4.9% Expiry 2-5-25	\$ 237,000.00
	Edward Jones Balance	12 month CD 4.9% Expiry 2-5-25	\$ 237,000.00
		Total CD Investments	\$ 1,985,000.00

Total Cash (NSB + AFB + CD's)	\$ 7,651,555.98
Cash that has been received and earmarked for projects: 3/27/24	
2022 Grant Thief River 1W1P Proj. #149A 2023 Grant Clearwater 1W1P Proj. #149B 2024 Grant Red Lake River 1W1P Proj. #149 Mid Point Grant Proj. #149 Chief Coulee Proj. #46S	 \$ 275,417.30 \$ 821,031.43 \$ 321,779.72 \$ 24,867.92 \$ 214,375.00 \$ 1,657,471.37
Payables committed to by board action:	
Chief Coulee Proj. #46S	\$ 800,000.00 \$ 800,000.00
Total accessable cash (Est)	\$ 5,194,084.61



FAX: 701-237-5101

April 17, 2000

Chuck Fritz Administrator Red Lake Watershed District PO Box 803 Thief River Falls, MN 56701

Engineer's Report, State Ditch No. 83 Spot Cleaning,

Dear Chuck:

In order for your staff to make copies of the Engineers Report for those interested, I am enclosing the original copy of the report. I also revised the following pages:

Title page Page 1 Page 11 Page 12 Figure 1 Page 3 of 19 (Appendix B) Right of Way Tables (Appendix C) Opinion of Probable Cost (Appendix D).

Please call me if you have any questions.

Sincerely,

Houston Engineering, Inc.

H. flish

Brent Johnson, PE Engineer

Enclosure

RECEIVED APR 1 8 2000 R. L. W. D.

Engineer's Report

Repair of State Ditch No. 83 – Spot Cleaning Red Lake Watershed District Thief River Falls, Minnesota

April 17, 2000

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.

Bat H. Aluan

Brent H. Johnson Minnesota Registration No. 20378

Date: 4-17-00

Houston Engineering, Inc. 2505 North University Drive PO Box 5054 Fargo, ND 58105 Phone (701) 237-5065 Fax (701) 237-5101 HE Project No. 3655-038

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Engineer's Report

Repair of State Ditch No. 83 – Spot Cleaning Red Lake Watershed District Thief River Falls, Minnesota

April 17, 2000

1.0 INTRODUCTION

Houston Engineering, Inc. has been commissioned by the RLWD to analyze the condition of State Ditch No. 83 and prioritize areas for a partial repair of the ditch. The reach in question is the area petitioned for repair in 1997.

2.0 BACKGROUND

The 1997 petition requested repairs to the State Ditch No.83 Main channel in a reach of approximately 14 miles. The petitioned reach extends from Section 34 of Excel Township to Section 16 of East Valley Township.

The 1998 Engineer's Report on the Repair of State Ditch No.83 includes a recommendation that State Ditch No.83 be repaired by clearing and restoring the channel (one side construction and 1:1 side slopes). It was recommended that the channel be repaired to the originally constructed grade, width, and side slope, and that the repair work be completed in the reach from Sta. 418+72 to Sta.1151+00. This work was planned to restore the capacity of the channel to the constructed condition.

A repair order was issued by the RLWD on June 11, 1998. Litigation followed between the Minnesota Department of Natural Resources and the Red Lake Watershed District. The litigation involved the issue of drainage activities affecting Consolidated Conservation Lands. The Court ruling was appealed by the MnDNR to the Appellate Court. The settlement of the appeal provides for spot cleaning of State Ditch #83.

3.0 SELECTION OF AREAS FOR SPOT CLEANING

Two general methods on completing a partial ditch repair are to:

- 1. Start the repair work at the downstream end of the ditch and proceed upstream until the available budget for the repair time period is exhausted.
- 2. Select specific spots or reaches for repair.

In accordance with various agreements, spot cleaning has been selected by the Red Lake Watershed District for this repair project.

3.1 General Methods to Choose Specific Spots or Reaches for Repair

There are many considerations that could go into selecting locations for a spot cleaning of State Ditch No. 83. The following list identifies the primary considerations that were used to select spots and reaches for repair:

- 1. Identify spots—choose the spot or spots throughout the ditch where repairs are a high priority.
- 2. Identify reaches—choose the reach or reaches throughout the ditch where repairs are a high priority by combining selected spots into reaches.

General criteria for evaluating spots and reaches:

- 1. Volume based—select areas with the greatest sediment deposition
- 2. Hydraulic Considerations-choose spots or reaches based upon hydraulics:
 - a. Areas of highest flow
 - b. Areas of constrictions.

- 3. Erosion areas—consider areas that are currently eroding or have the greatest erosion potential.
- 4. Trees—consider areas based on existing trees (trees can restrict flow but clearing is expensive)
- 5. Flowline based—consider areas with the greatest depth of sediment deposition.

We initially identified cross-sections as potential spot cleaning sites based upon the sediment volume, and gave further consideration to those cross sections having higher than average sediment accumulations. We used a combination of methods to select the spot cleaning sites, and gave primary consideration to sediment volume, hydraulic considerations, and reaches where construction efforts could be concentrated and thereby more efficient. In combining selected spots into selected reaches, some of the selected cross sections may have less than average sediment volume—but were still included as part of a selected reach for more practical construction.

3.2 Recommendations for Selection of Areas for Spot Cleaning of State Ditch No. 83

- 1. We ruled out repairing the ditch in the reach just upstream from the Judicial Ditch 11 outlet at the Agassiz National Wildlife Refuge (i.e. no work in the reach from Sta. 418+72 to Sta. 543+60). This reach has much less flow than other reaches downstream, and also has less sediment volume per station than other areas.
- 2. We also initially ruled out repairing the ditch in the reach downstream from Sta. 1054+00. This reach is the downstream end of the ditch, and therefore has the largest contributing drainage area and receives the highest flows, but repairing this section appears less crucial than other areas. The sediment volume per station drops below average at Sta. 1043+00 and remains at or below average to Sta. 1145+00. The report on the Repair of State Ditch 83, dated May 6 1998, recommended the ditch be repaired from Sta. 418+00 to Sta. 1151+00. The original documents for SD No.83 indicate that the ditch ends at Sta. 1169+00. The data is not conclusive as to whether construction of the ditch took place downstream of Sta. 1152+05—so repair of the reach downstream from Sta. 1151+00 was not recommended in the 1998 repair report.
- 3. We initially selected locations for repair that generally have greater than average cross sectional sediment area, and are located generally within reaches of at least three such consecutive cross sections. We also selected reaches where the bulk of the sediment deposits were on the same side of the channel. We looked for a group of selected reaches so that the combined

excavated volume was approximately 100,000 cubic yards—which corresponds to the estimated volume that will be removed in a project costing approximately \$300,000.

Appendix A includes a number of graphs showing excavated area per station. These figures were used to perform the initial selection of areas and reaches for spot cleaning.

Table 1 provides a listing of the general reaches initially identified for potential spot cleaning.

			Average	Reach	Volume
Reach	Starting	Ending	cut area	Length	per reach
Label	Station	Station	(sq. ft.)	(feet)	(cu. yd)
Н	575+10	598+68	245	2,358	21,382
G	617+04	670+89	227	5,385	45,199
F	784+24	802+88	250	1,864	17,229
E	815+07	827+00	287	1,193	12,703
D	875+12	916+70	225	4,158	34,586
С	947+00	971+30	275	2,430	24,708
В	982+25	1006+64	255	2,439	23,080
Α	1025+00	1036+84	256	1,184	11,208
	Total			21,011	190,096

TA	BL	Æ	1
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Since available funds for spot cleaning are limited, we recommend that those reaches downstream of Sta. 781+24 be considered as a first priority for spot cleaning. The identified reaches downstream of Sta. 781+24 have both high sediment volumes and are subject to high flows from the main channel of State Ditch No.83, County Ditch 20 and Branch 200 of Judicial Ditch 11.

4.0 SITE INSPECTION

On April 7, 2000 staff from the Red Lake Watershed District and Houston Engineering inspected State Ditch No.83. The inspection centered on the reaches initially selected for spot cleaning. We viewed the channel from approximately Sta. 780+00 (near the Ditch 200 outlet) to approximately Sta. 1054+00 (near the east quarter corner of Section 26, Excel Township). We inspected the channel by foot and ATV. We inspected the reaches initially chosen for spot cleaning, and refined the spot cleaning location selection.

We identified areas for repair on both the right and left banks, checked the initially chosen sites to confirm that repair work was justified, and identified access routes to the potential construction sites. Channel scouring continues on the outside of most channel bends, and we observed slope failures in many areas as well. The following paragraphs are reprinted from the site inspection part of the 1998 report on the Repair of State Ditch No. 83. This information still applies today:

During our inspection, we found that the channel is actively meandering. The channel is scouring the outside of most channel bends, and sediment is being deposited in point bars and floodplains along the inside of most bends. We observed erosion of the original spoilbanks along the outside of many bends, and observed that the channel has built a floodplain along the inside of most bends—extending the distance from the channel centerline to the spoilbanks on one side and decreasing the distance on the other. Many of the point bars and floodplains were quite large—with a typical sediment thickness of 6 to 8 feet, and a typical top width ranging from approximately 10 to 30 feet. Trees are growing in most of the point bar and floodplain sediment deposits. Some of these trees are quite large. We measured several cottonwoods with diameters of 2.8 and 3.2 feet at a point 4 feet above the ground.

We observed a number of slope failures. Soil masses have slid toward and/or into the channel at these sites. We believe these to be translational failures due to river erosion of the slope. In these situations, the slope erodes to the point where it is steeper than the soil strength can support. The slope fails and a soil mass breaks free and slides down slope.

The channel bed and banks up to the level of the in-channel floodplain are generally free of trees and vegetation. Scouring is occurring along most bends and is evident in many of the straight reaches as well. This is probably a result of the very high flows and long durations of the 1996 and 1997 floods. Many trees are growing on the in-channel floodplains and trees occupy most of the channel slopes up to and even beyond the old spoilbanks. In scouring areas, many tree roots are exposed and the banks are essentially bare soil that is devoid of vegetation. Large trees are growing on the slopes and within the old spoilbanks. We expect that these trees have grown since the ditch was constructed in 1910 to 1914.

5.0 CONCLUSION OF REACHES SELECTED FOR SPOT CLEANING

Our final spot cleaning site selections were based upon a field inspection. Our preliminary recommendations were confirmed in most of the initially selected reaches. The spot cleaning selections were revised by changing to left bank repairs from Stations 907+50 to 910+50,948+50 to 955+90, 979+00 to 991+00 and 1023+00 to 1028+00. Repair work was lowered in priority within some areas and increased in priority within other areas—such as the reach we added from Stations 1043+00 to 1054+86. Table 2 provides a summary of the reaches selected for spot cleaning. These sites were selected based upon our initial spot cleaning analyses and our field inspection.

Starting	Ending	Side of Channel for
Station	Station	Focus of Repair
78524	80588	East
81207	83000	East
87262	88802	East
89182	89582	East
89900	90850	East
90750	91050	West
91100	91970	East
94172	94900	East
94850	95590	West
95440	97430	East
97900	99100	West
99000	100800	East
102300	102800	West
102800	103534	East
104300	105486	East

TABLE 2 Summary of Reaches Selected for Spot Cleaning

Figure 1 is a map showing the recommended spot cleaning reaches.

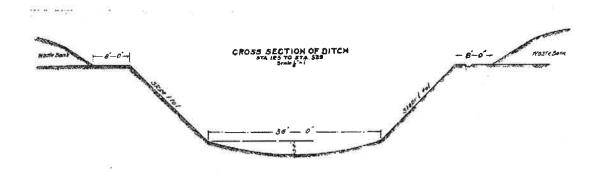
6.0 DITCH PROFILE

The 1998 Report on the Repair of State Ditch No. 83 determined the original design grade of State Ditch 83 and determined a conversion of the original design grade to the current sea level datum of the Red Lake Watershed District. The repair work will use the original design grade as a guideline for the channel flow line repair, and will repair the selected reaches of State Ditch No. 83 as nearly as practicable to the same condition as it was originally constructed.

6.1 Original, Existing, and Repair Cross Sections

6.1.1 Original Cross-Sections

A typical cross-section from the 1910 plans is reprinted below. Note that this section is for the 36' section. The other channel widths have generally the same geometry.



The following table lists the channel bottom width corresponding to channel station.

STATION	CHANNEL BOTTOM WIDTH (1911-1914 FIELD BOOKS)
0-170	24'
170 – 457	30'
457 – 560	36'
560 - 1131	60'
1131 – 1169	72'

6.1.2 Existing Cross-Sections

Cross-sections of State Ditch No.83 were measured by Houston Engineering survey crews over the winter of 1997-98. Cross-sections were measured at 600 to 800 foot intervals along the ditch for a distance of approximately 14 miles. The cross sections extend from Sta. 1169+00 to 418+72.

6.1.3 Repair Cross-Sections

The repair cross sections are based upon the work identified in the 1998 report on the Repair of State Ditch No. 83. The following paragraphs are reprinted from the 1998 report.

The typical sections were overlaid upon the 1998 cross-sections to determine the extent of repair work. We initially aligned the typical sections with the channel centerline determined in the 1998 survey. We later made adjustments as we learned the extent the channel has meandered. Over the period of years since the ditch was constructed, the channel has meandered from the constructed alignment. Since the channel has meandered, the typical repair sections need to be shifted over—often 10 to 20 feet—to match the original channel construction. We made most of the repair design adjustments by determining the original channel centerline location in relation to the original spoilbanks. We generally aligned the repair design sections to be centered on the original spoilbanks.

The following table shows the channel bottom width in relation to the channel stationing. Note that the stations listed are based on the 1998 survey. Due to the lengthening of the channel in the 80+ years since construction, the station numbers are slightly different than those in the 1911-14 field books. However, the actual field location of the proposed width changes is the same as those from the 1911-14 survey. In conclusion, it is our opinion that the channel bottom widths listed by station in the 1911-14 field books are accurate. These bottom widths were used for the repair design and other analyses.

STATION	SECTION WIDTH
418 - 449	30'
449 – 551	36'
551 - 1133	60'
1133 – 1169	72'

State Ditch No.83 within the reaches selected for spot cleaning was constructed to a design bottom width of 60 feet.

7.0 RECOMMENDED REPAIR WORK

We recommend that the channel be repaired in the selected reaches, and that the repair work be completed from one side of the channel. We also recommend that the work be focused on repairing the channel from the channel centerline to the spoil bank, on the side selected for repair. Repairing half of the channel in this manner is recommended since the bulk of the sediment materials are deposited on one side of the channel, and it is more feasible to construct a repair of half of the channel (working from one side) with the equipment that we expect will be available (typically available for work on projects within the Red Lake Watershed District). Volume calculations indicate that within the reaches selected for repair approximately 77% of accumulated sediment is located between the channel centerline (survey baseline) and the side chosen for construction access. Exceptions to working on half of the channel will be made in some areas where tree snags, or soil deposits from bank failures, need to be removed. Figure 2 is a drawing of the typical section in reaches selected for spot cleaning repairs.

7.1 Clearing

Trees are presently growing on the channel banks along much of State Ditch No.83. Trees will need to be cleared in the areas selected for repair in order to allow construction of the channel repair and placement of the spoil materials.

7.2 Preliminary Repair Plans

Preliminary repair plans are included in Appendix B.

7.3 Right-of-Way

7.3.1 Permanent Right-of-Way

The permanent right-of-way for the main ditch was established at the following widths in 1910:

STATION	RIGHT-OF-WAY WIDTH
0 (source) to 125	100 feet
125 to 599	150 feet
599 to Outlet	180 feet

The right-of-way is divided equally on either side of the center of the ditch.

7.3.2 Temporary Right-of-Way for Repair

As a result of the proposed channel repairs, additional temporary of right-of-way will need to be purchased. This temporary right-of-way is needed for construction access, clearing, and for the disposal of sediment. The additional temporary right-of-way is shown on the attached plans and comprises an area of 50 acres, 32 acres of temporary right of way for clearing and sediment disposal and 18 acres for construction access.

Ditch law requires that spoil banks be leveled. The usual practice is to level the spoil banks so that the ditch and spoil banks can be seeded, and so that the landowners along the ditch can use the property within the temporary right-of-way once the construction work is complete. Spoil banks are usually spread out so that the leveled spoil is less than about three feet thick, and is shaped with flat slopes so that vehicles and farm machinery can operate upon it.

The spoil banks from the original ditch construction are evident throughout the project area. The existing spoil banks exceed a height of six feet in many areas. We recommend that spoil materials be placed alongside the existing spoil banks on the side away from the river, and recommend that the spoil materials be placed

to a depth that is similar to the existing banks. We recommend that the spoil materials be smoothed and shaped as shown in Figure2 -- but we do not recommend that the spoil materials be widely spread out since increased leveling requires additional clearing and additional construction effort.

Temporary right-of-way will be required for this repair. The area required for spoil placement and construction access has been identified. The acreage of temporary right of way is listed by parcel in the Appendix C.

7.4 Viewers

Additional right-of-way is required for this repair project. Viewers will need to be appointed to determine the damage compensation relating to the additional right-of-way. Viewers will be needed to determine the value of damages to award to those landowners where temporary right of way is required.

8.0 **REPAIR ALTERNATIVES And OPTIONS**

8.1 Discussion of Alternatives and Recommendations

A number of alternatives were considered within the 1998 repair report. Only two alternatives have been considered in this study:

- 1 Do Nothing . One alternative is to do nothing. Doing nothing is always an option. There is no work or expenditure required with this option. The current conditions of the ditch will remain unchanged.
- 2. Spot Cleaning: Clearing and Restoring the Channel (one side construction and 1:1 side slopes). The recommended alternative involves restoring the channel to the condition to which it was constructed in selected reaches, with construction from one side of the channel. This alternative aims to reduce the clearing of the channel banks by repairing the channel from one side, rather than both sides. We recommend that the channel be repaired in the selected reaches, and that the repair work be completed from one side of the channel. We also recommend that the work be focused on repairing the channel from the channel centerline to the spoil bank, on the side selected for repair. We recommend repairing half of the channel, in this manner, since the bulk of the sediment materials are deposited on only one side of the channel. The volume calculations indicate that 77% of the sediment within the selected reaches is located between the channel centerline (survey baseline) and the side selected for repair. It is also more feasible to construct a repair of half of the channel (working from one side) with the equipment that we expect will be available (typically available for work on projects within the Red Lake Watershed District). Exceptions to working on half of

the channel will be made in some areas where tree snags, or soil deposits from bank failures, need to be removed.

Since much of the sediment in the channel has been deposited in point bars, we believe that it is not practical to complete all of the repair work from only the right or the left side of the channel. Therefore, we have identified areas for work on both the right and left banks ("east" and "west" sides, respectively). We have analyzed this option assuming that work would be primarily from one side of the channel, but the side worked would alternate, depending on location, so that construction would take place on the channel side where point bars have formed.

This alternative includes 84,000 cubic yards of excavation to restore the channel to the constructed condition, and requires clearing to provide a location for disposal of the spoil materials. This alternative results in reaches of the channel banks that will not be cleared. In order to provide access to the work site we have identified temporary access trails. The temporary access trails would provide construction access to separate work areas removing the need for continuous channel clearing.

This alternative will restore parts of the channel to the condition that was constructed. Removing the accumulated sediment from the channel will provide a significant increase in channel capacity. The estimated costs for this option are approximately \$330,000.

8.2 Recommended Repairs

We recommend that State Ditch No. 83 be repaired by spot cleaning as indicated in this report and the accompanying plans. We recommend that the repair work be completed in the selected reaches from Sta.1054 to Sta.872, and recommend that the reaches from Sta.830 to Sta.812 and Sta.805 to Sta. 785 be considered for spot cleaning as available funds allow.

9.0 PERMITS AND ENVIRONMENTAL REVIEW

Environmental review of this project may be required as per the rules and guidelines of the Minnesota Environmental Quality Board. Repair of State Ditch No. 83 includes excavation within the legal ditch channel as well as clearing and spreading of the excavated sediment. Permits may be required for placement of spoil materials within wetlands. Permits may be required by various regulatory programs including: the U.S. Army Corps of Engineers Section 404 program, the Minnesota DNR Protected Waters program, or the Minnesota Wetlands Conservation Act. Disposal areas will need to be reviewed so that placement of fill within wetlands is either avoided or is permitted and mitigated. Figure 3 is a National Wetlands Inventory map of the project area that shows the location of inventoried wetlands in relation to the selected spot cleaning reaches. A NPDES construction permit and erosion control plan will be required for this project since it will involve a work area exceeding five acres. The Minnesota Pollution Control Agency administers the NPDES program.

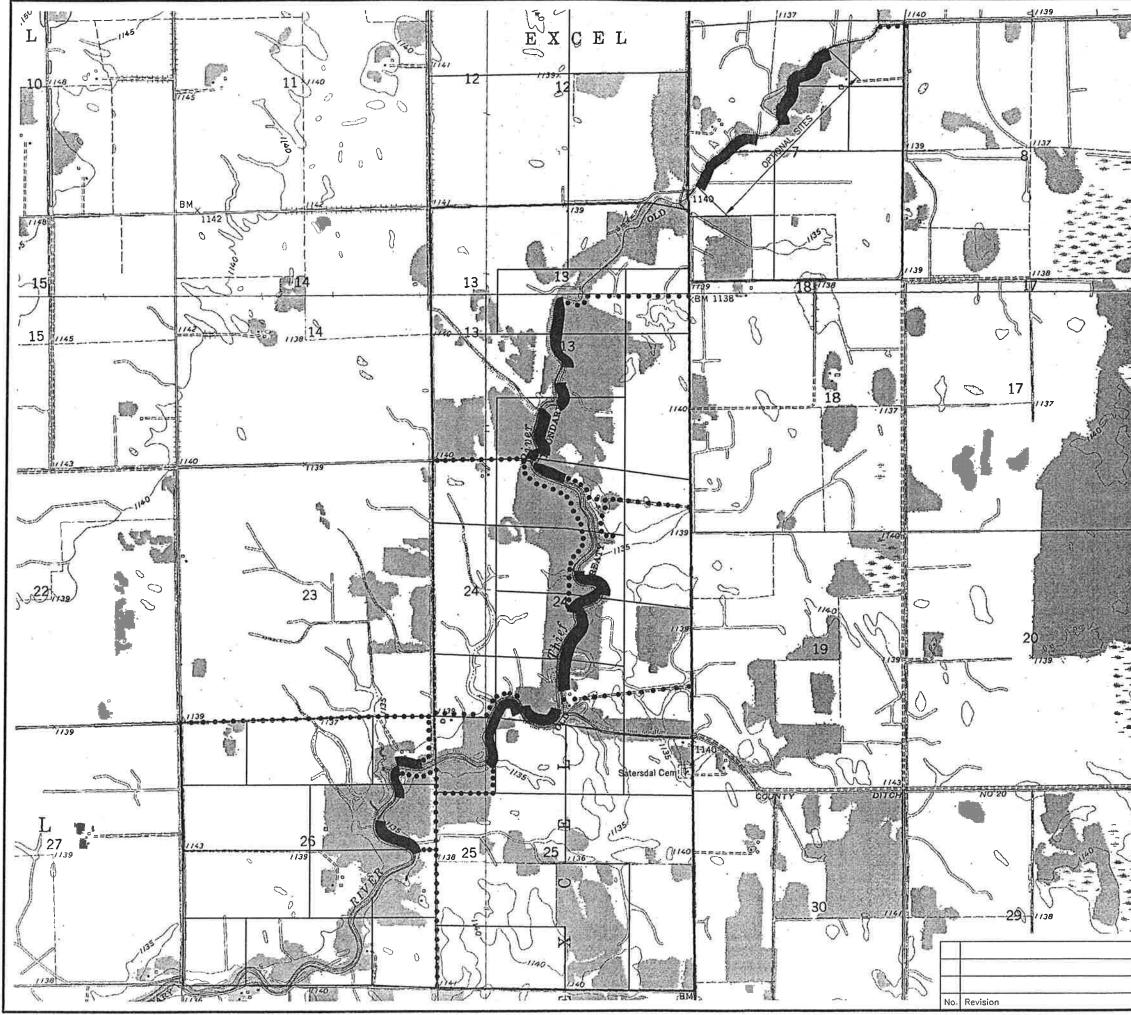
10.0 REPAIR QUANTITIES AND OPINION OF PROBABLE COSTS

Appendix D includes tables of estimated quantities and opinion of probable costs.

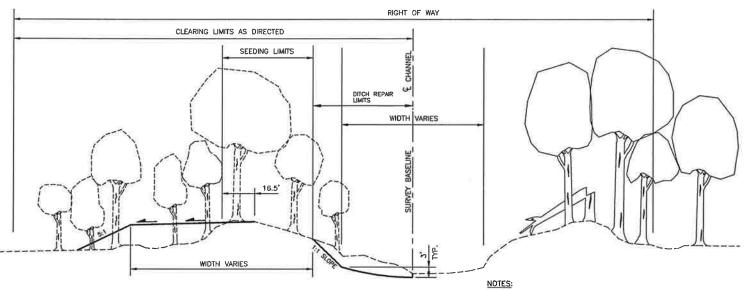
11.0 RESULTS

Repair of the selected reaches will restore the channel to its constructed condition is the selected reaches. Sediment will be removed and the channel cross section will be restored so that the channel capacity will be restricted less than it is currently, and so that less erosion will occur to the outside bends of the channel. Trees and brush will be cleared from one side of the channel where repair work is done, and spoil materials will be deposited adjacent to the existing spoil banks.

Some people would like to see the entire ditch repaired, others would like to see little or no repair work done. The work outlined is a compromise solution for a partial repair – a spot cleaning – of State Ditch 83. Everyone should recognize that the planned repairs only cover a portion of the ditch, and a spot cleaning repair will not result in the same amount of work completed as a full repair.



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			LEGEND SPOT CLEANING SITES PROPOSED TEMPORARY CONSTRUCTION ACCESS ROUTES
			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 Brent H. Johnson Minn. Reg. No. 20378 Date: 4-12-00 State Market WATERSHED DISTRICT THIEF RIVER FALLS, MINNESOTA Scale Anton by DED, HP Checked By Project No. Date Date State Or State DISTRICT THIEF RIVER FALLS, MINNESOTA Scale Date Checked By Project No. PREPARED BY
	Date	Ву	HOUSTON ENGINEERING, INC. P.O. BOX 5054 PHONE: (701) 237-5065 FAX: (701) 237-5101

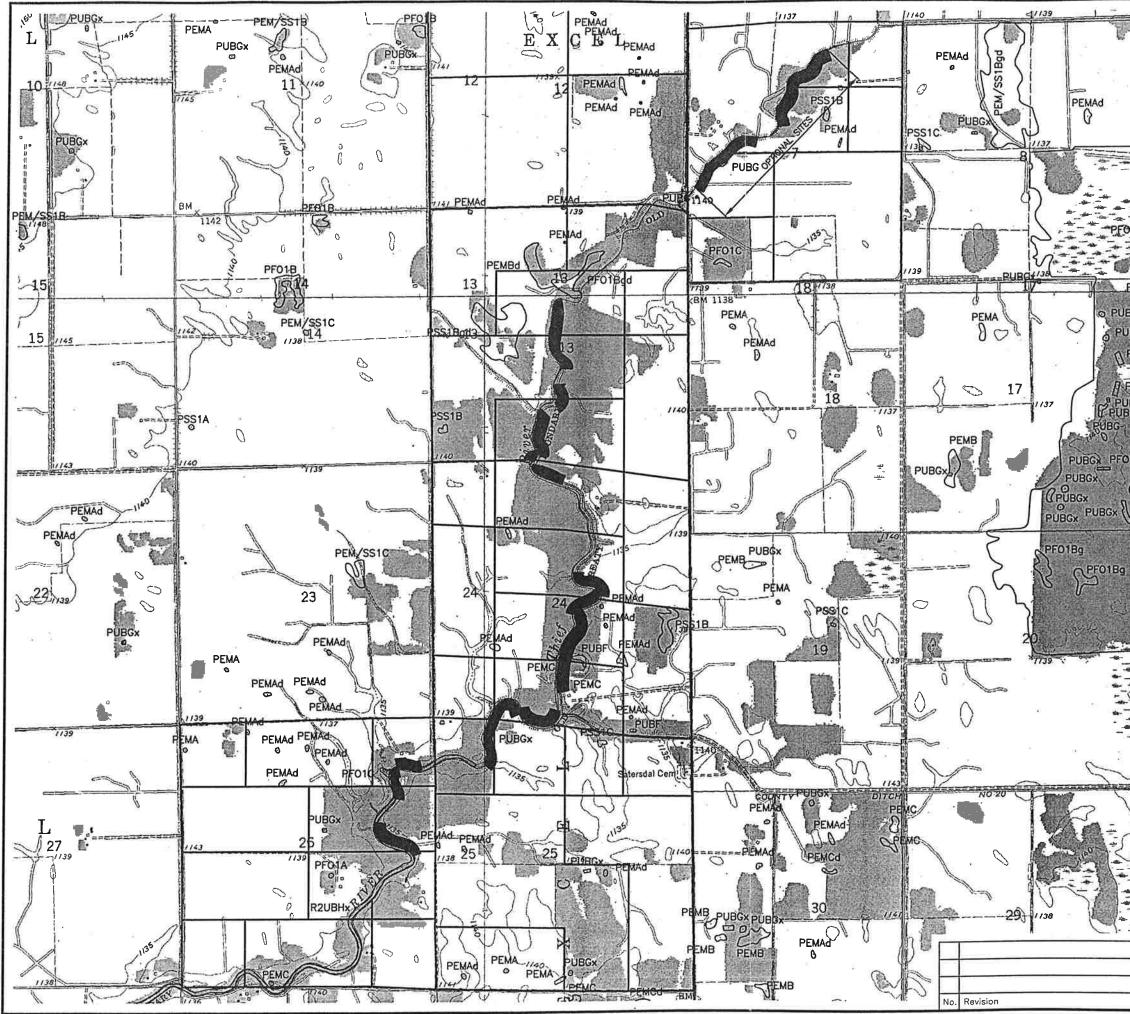


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- 2. CLEAR AREAS REQUIRED FOR SPOIL DISPOSAL AND ACCESS TRAILS, RIGHT OF WAY OUTSIDE OF EXCAVATION AND DISPOSAL AREAS DOES NOT REQUIRE CLEARING.
- 3. TREES AND BRUSH SHALL BE CLEARED AND DISPOSED IN ACCORDANCE WITH SPECIFICATIONS.

TYPICAL CLEARING SECTION AND TYPICAL REPAIR SECTION

NOT TO SCALE

FIGURE NO. 2

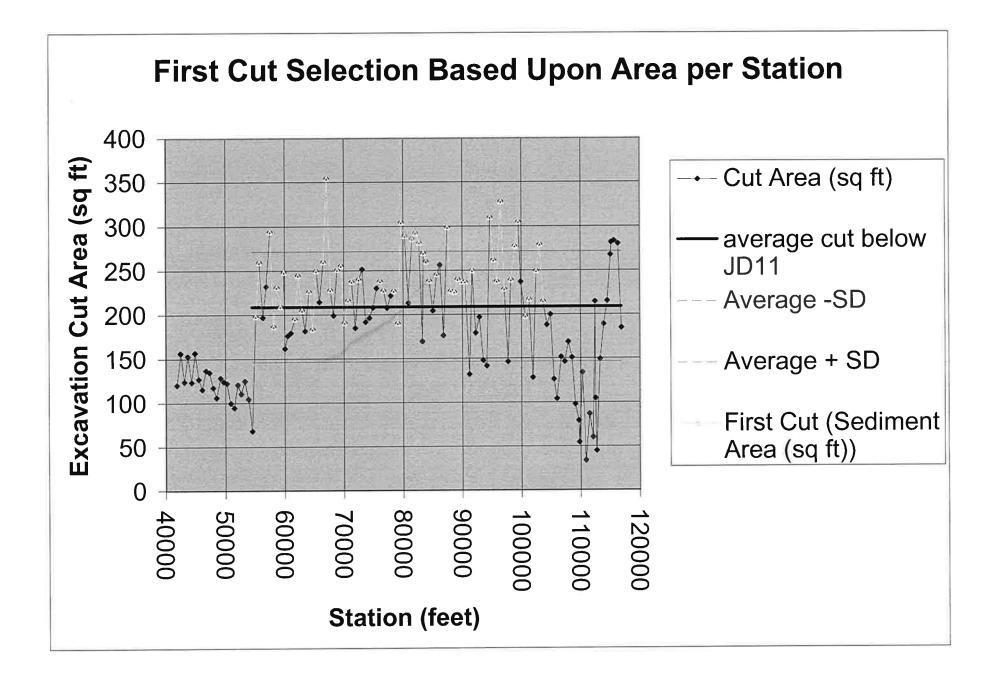


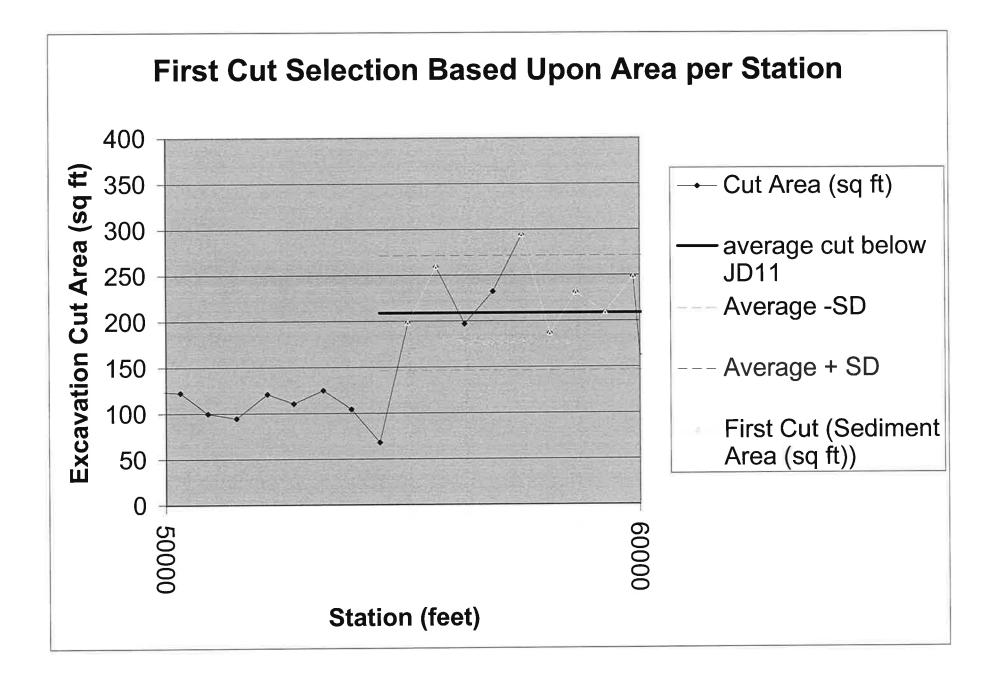
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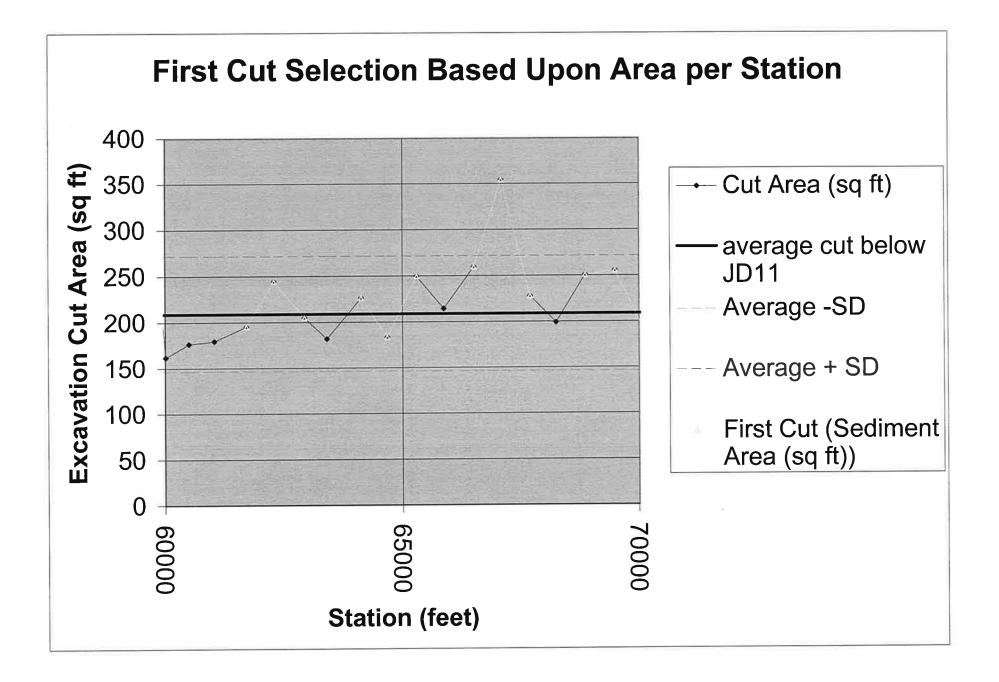
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H445 Brent H. Johnson Minn. Reg. No. 20378 Date: 4-12 - 2006 FIGURE NO. 3 N.W.I. SITE MAP REPAIR OF STATE DITCH 83 RED LAKE WATERSHED DISTRICT THIEF RIVER FALLS, MINNESOTA Scale AS SHOWN DY Checked by Project No. Date Scale AS SHOWN DY Checked by Project No.	t of 19
Date By PREPARED BY HOUSTON ENGINEERING, INC. P.O. BOX 5054 FARGO, NORTH DAKOTA 58105 PHONE: (701) 237-5065 FAX: (701) 237-5101	

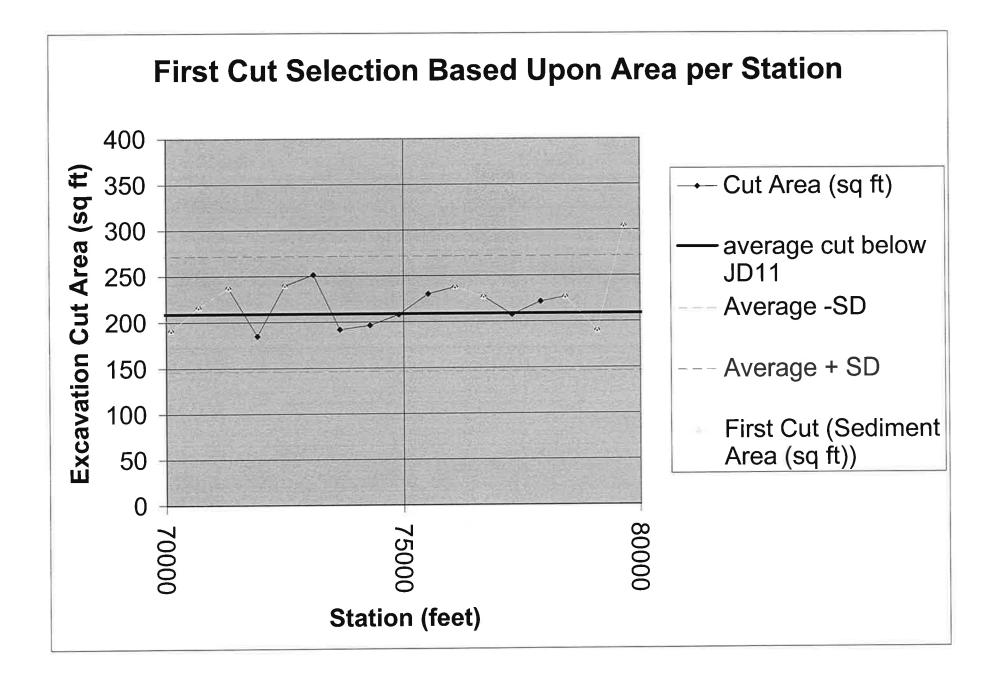
APPENDIX A

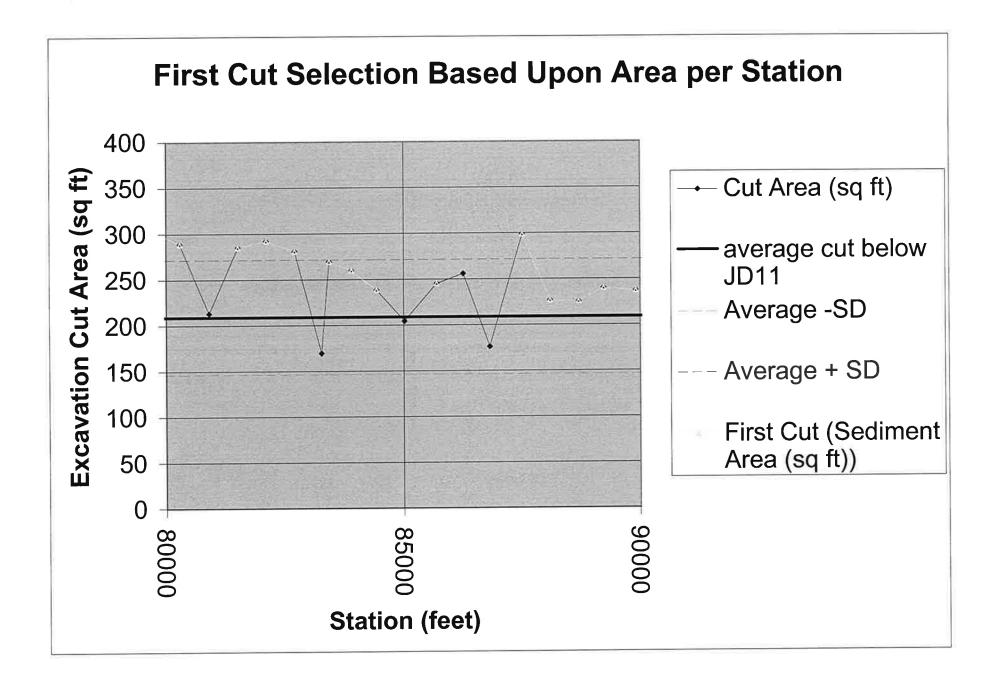
SPOT SELECTION GRAPHS

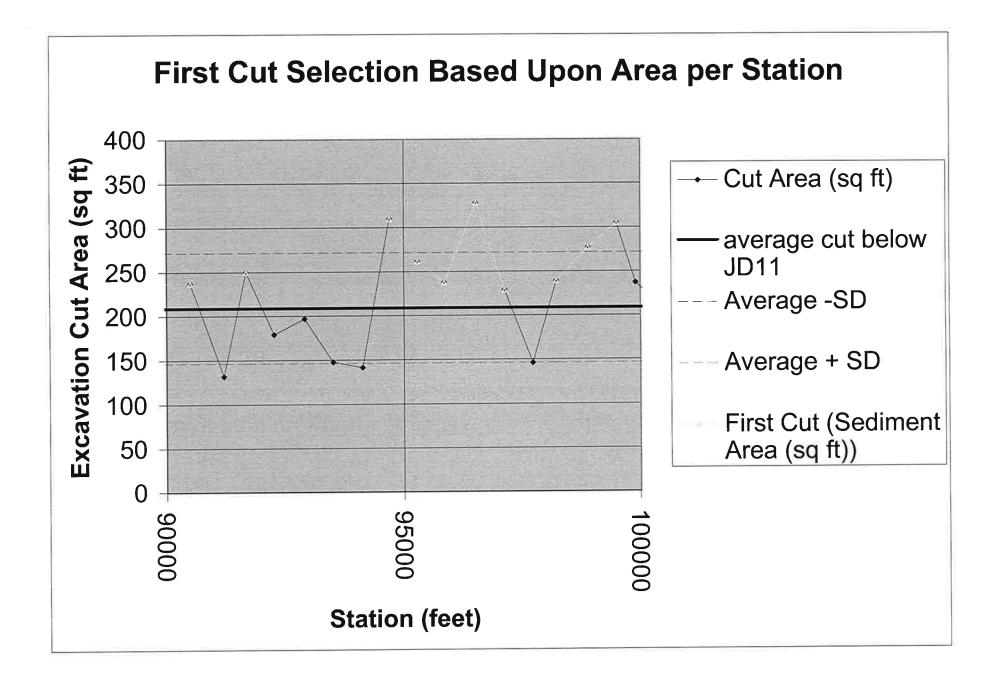


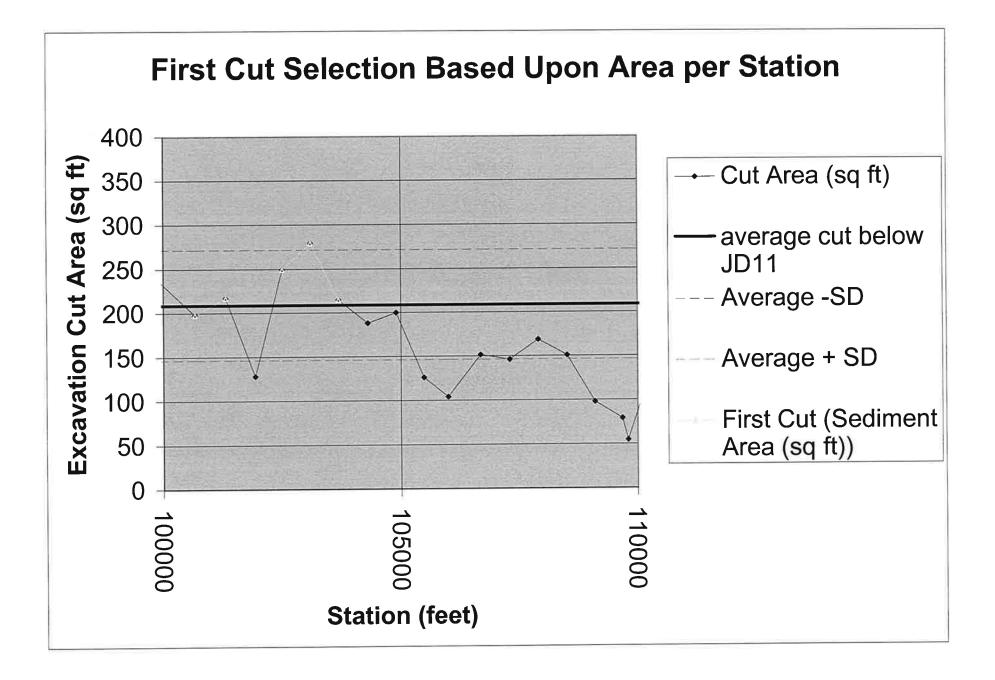


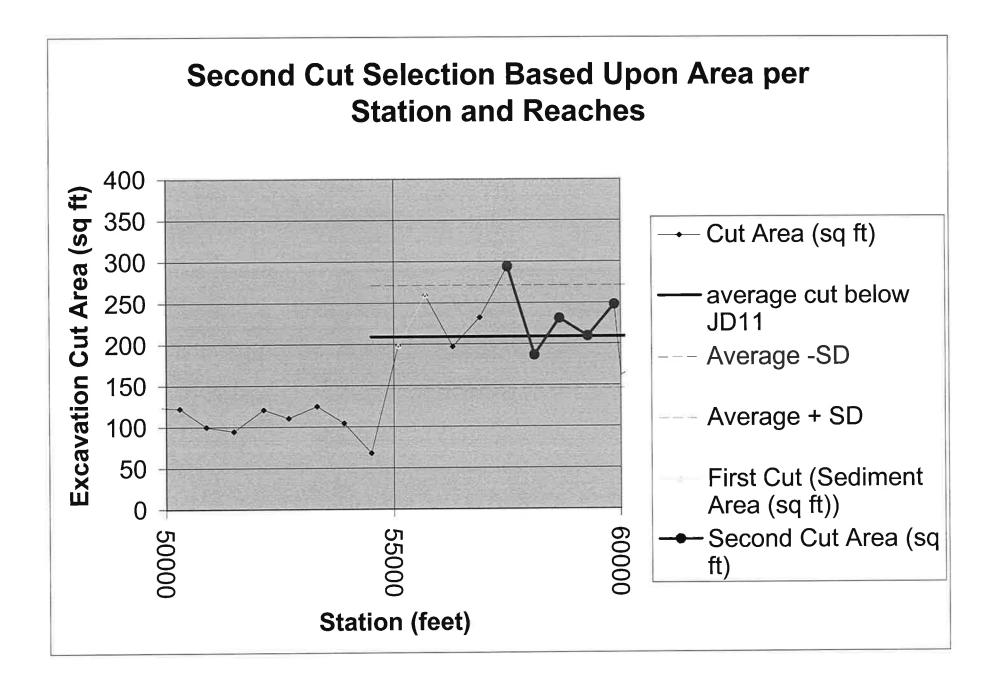


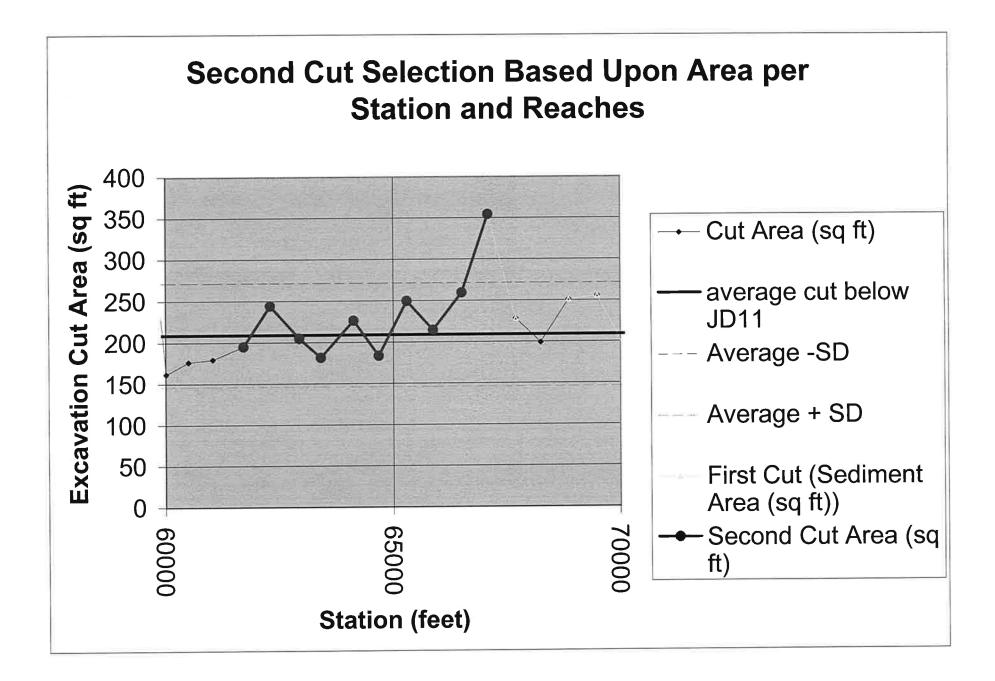


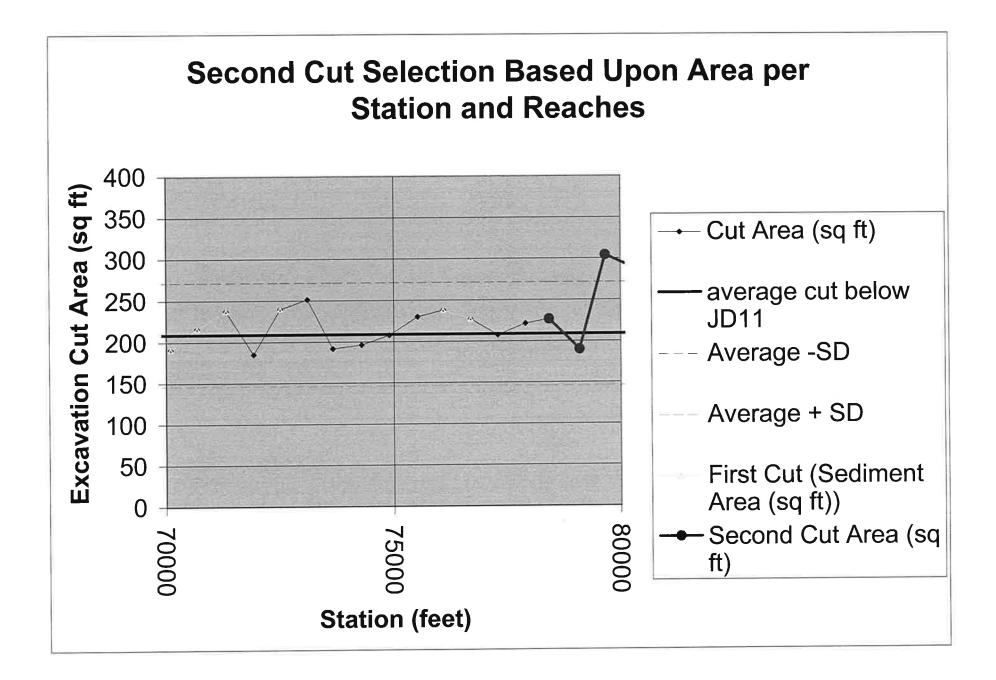


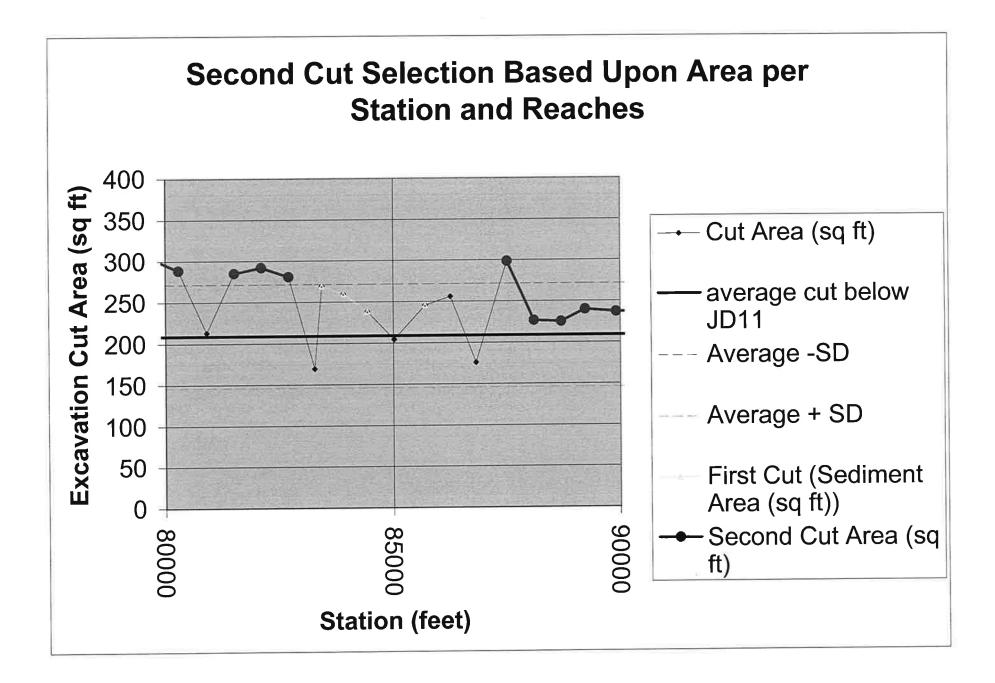


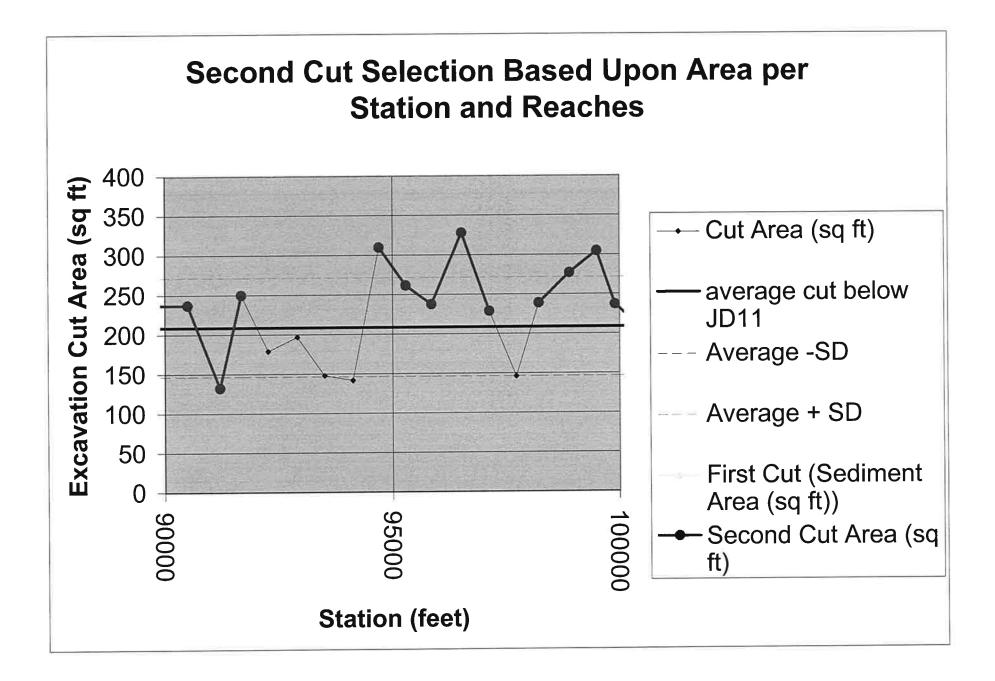


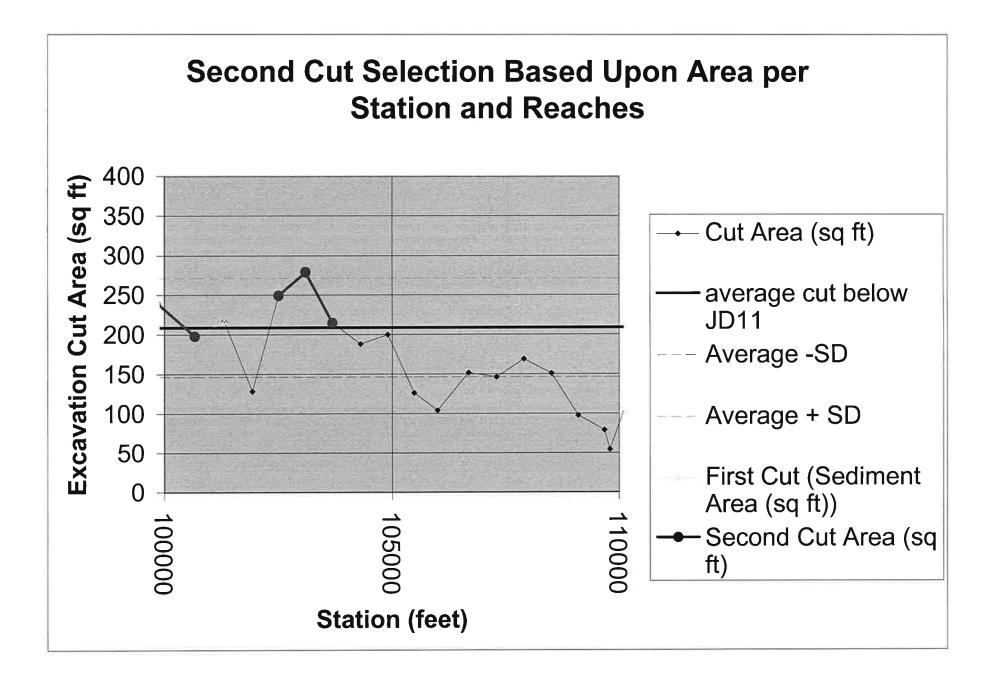


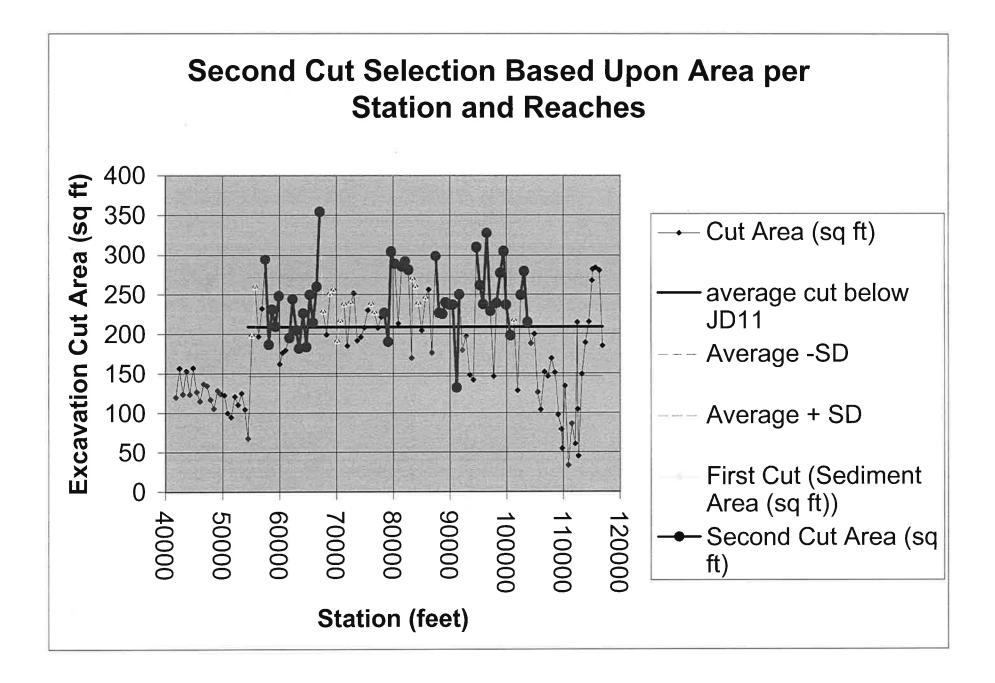










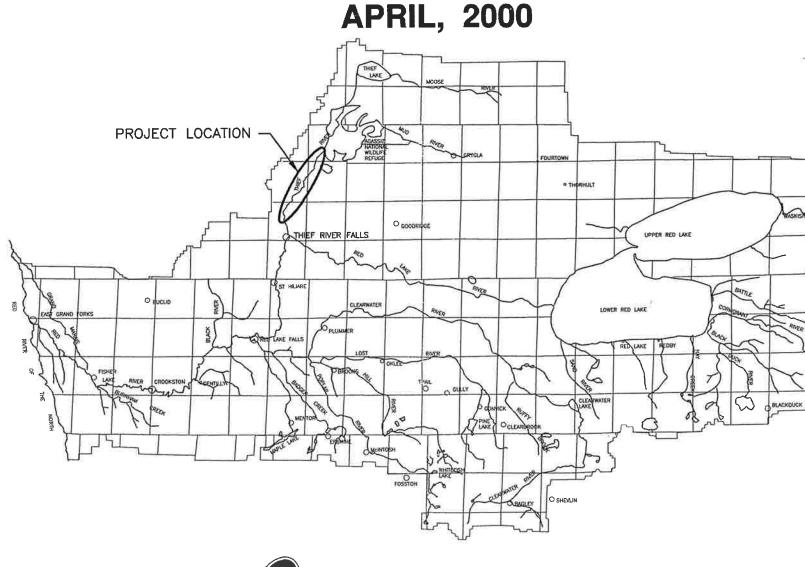


APPENDIX B

PRELIMINARY REPAIR PLANS

PRELIMINARY PLANS FOR

PROJECT NO. 14 REPAIR OF STATE DITCH 83 RED LAKE WATERSHED DISTRICT THIEF RIVER FALLS, MINNESOTA



PREPARED BY

HOUSTON ENGINEERING, INC. FARGO, NORTH DAKOTA





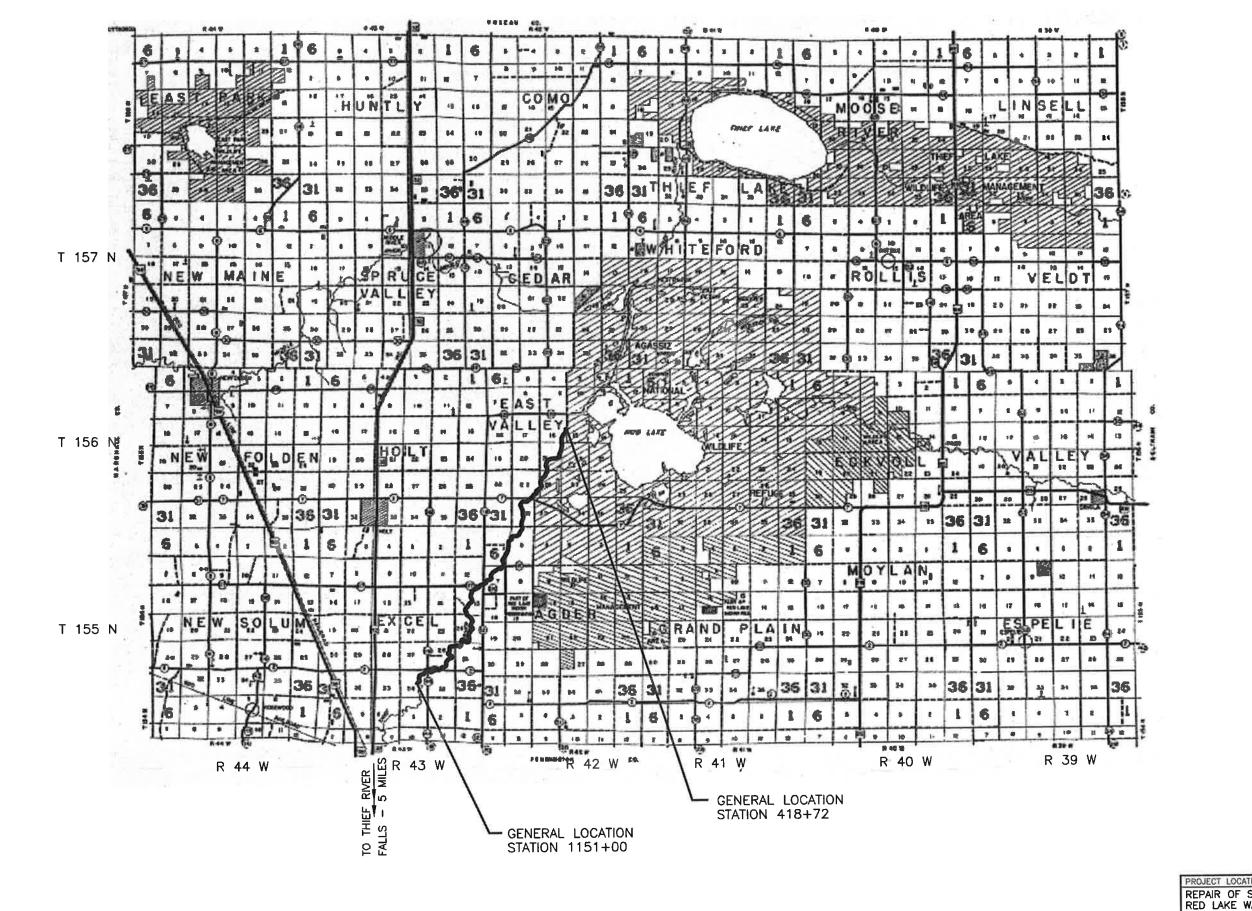
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INDEX OF SHEETS

SHEET 1 - TITLE SHEET SHEET 2 - PROJECT LOCATION MAP SHEET 3 - SITE MAP SHEET 4 - N.W.I. SITE MAP SHEET 5 - TYPICAL DETAILS SHEETS 6 THRU 11 - PLAN AND PROFILES SHEETS 12 THRU 19 - CROSS SECTIONS

> 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 Minnesote. Brent H. Johnson

Date: 4-12-2000

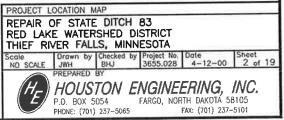


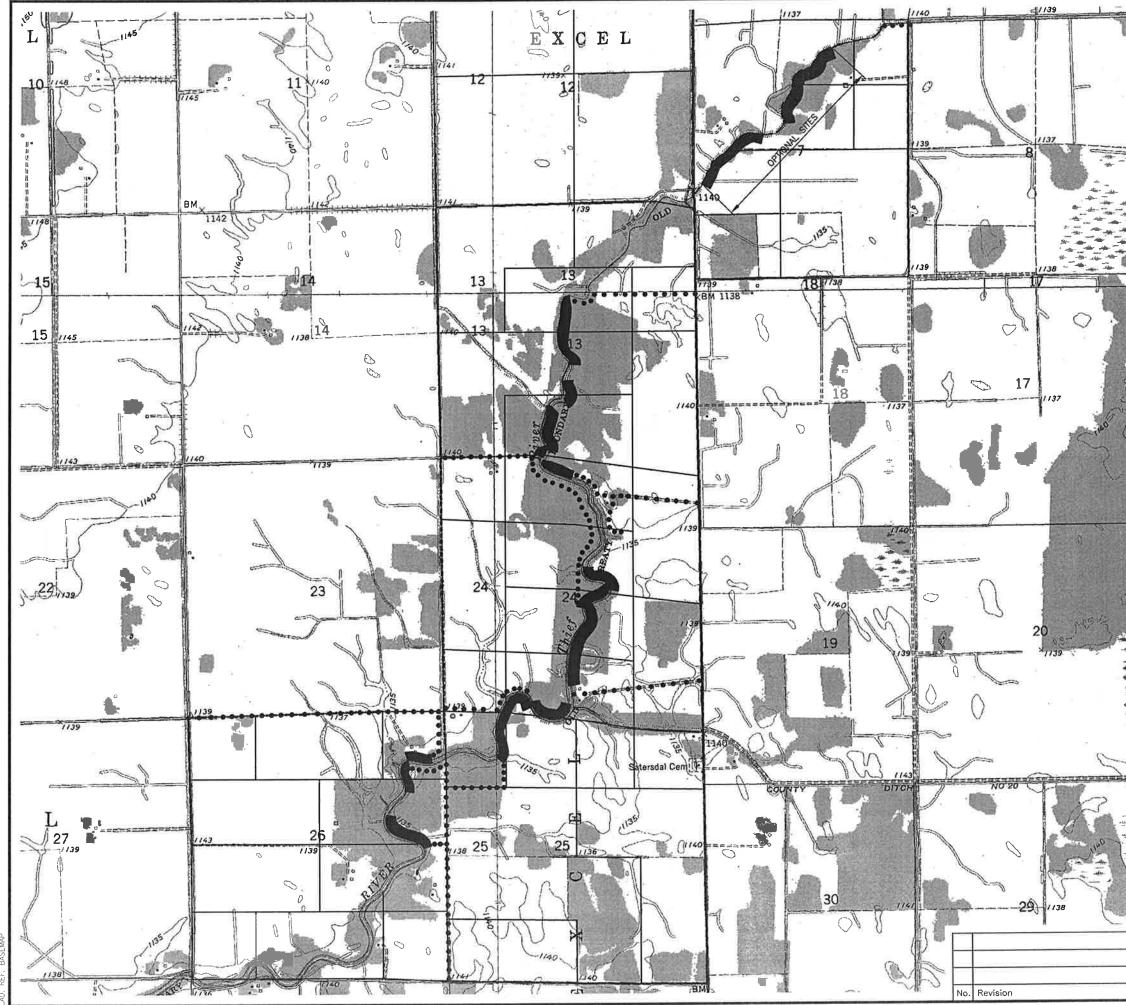
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Brent H. Johnson

Minn. Reg. No. 20378

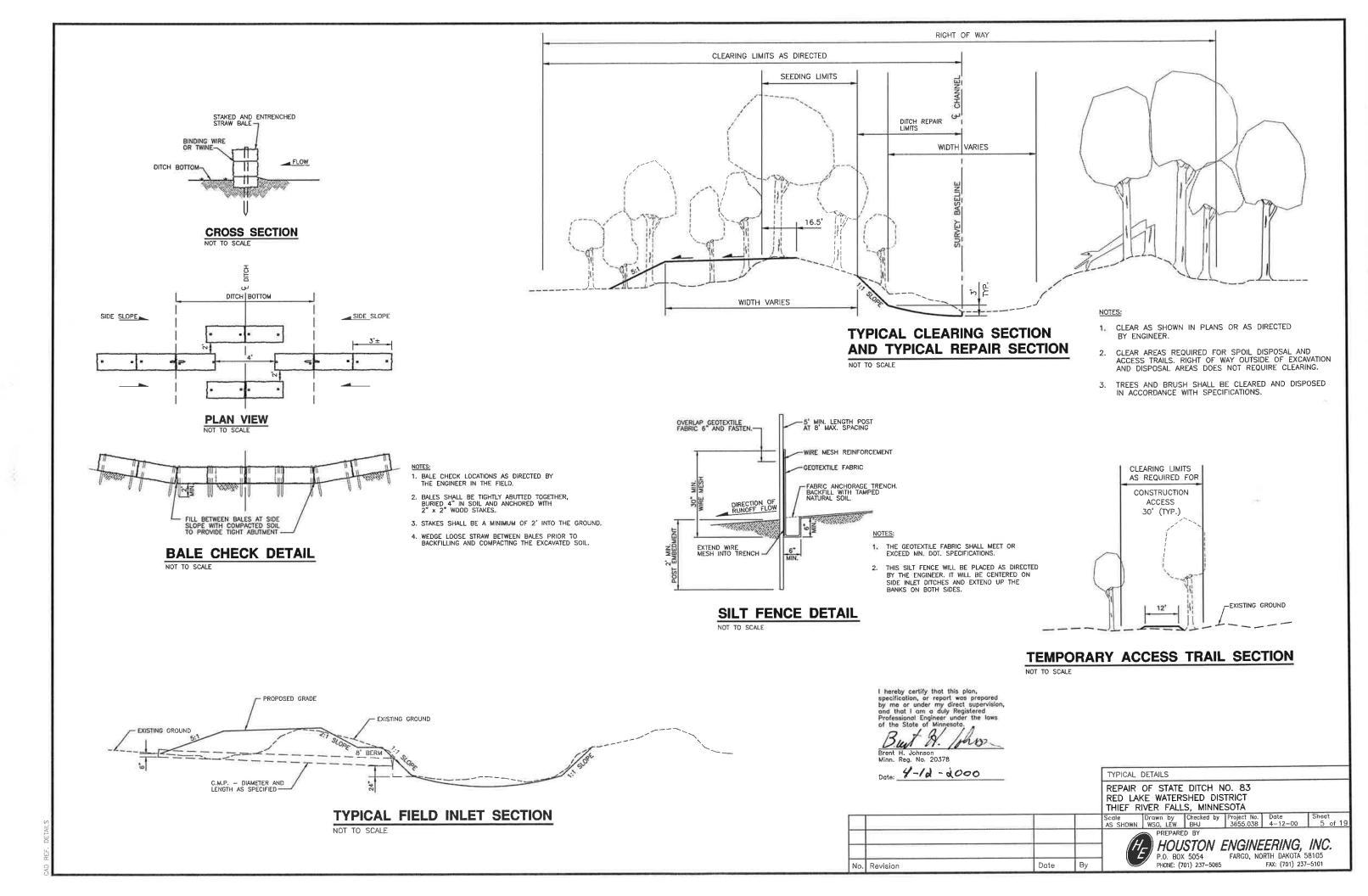
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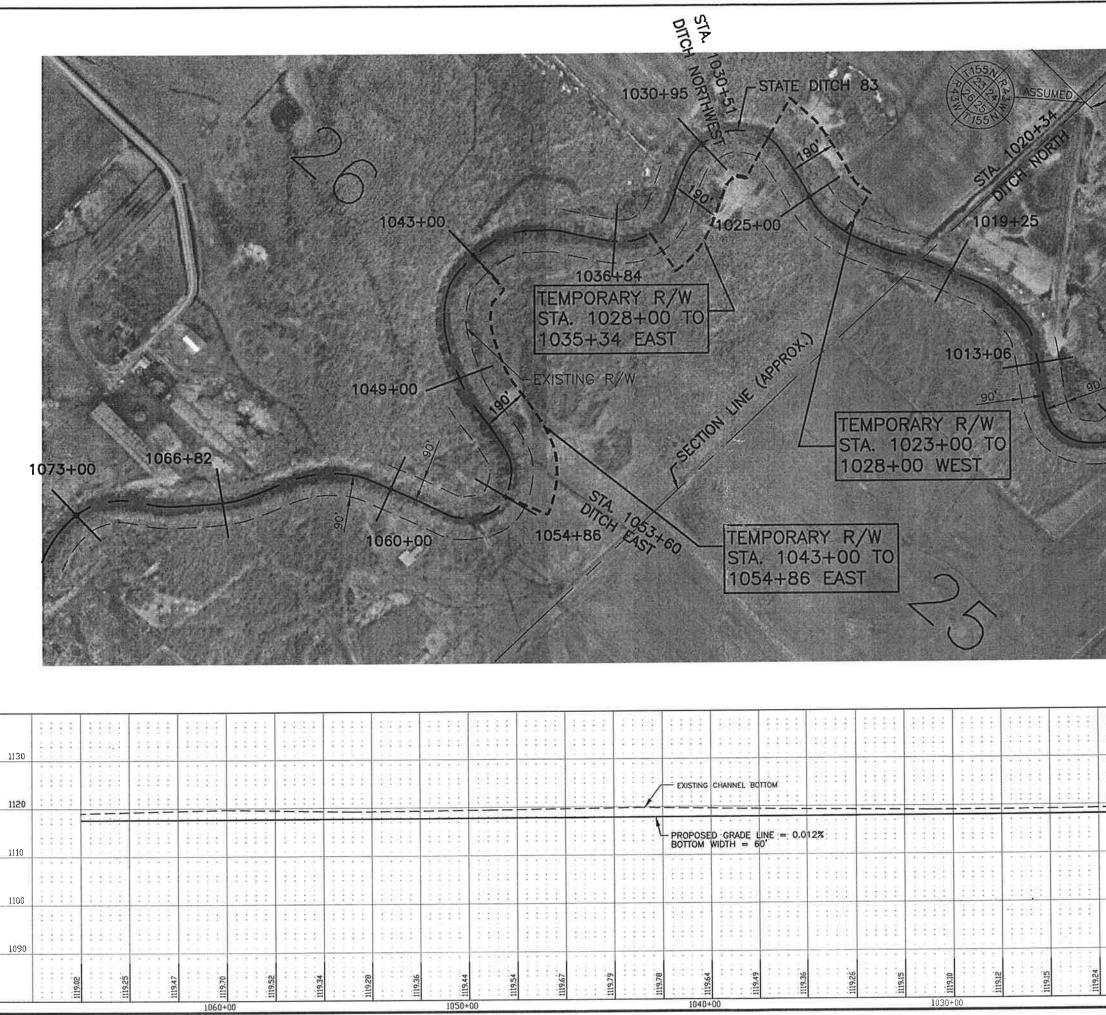




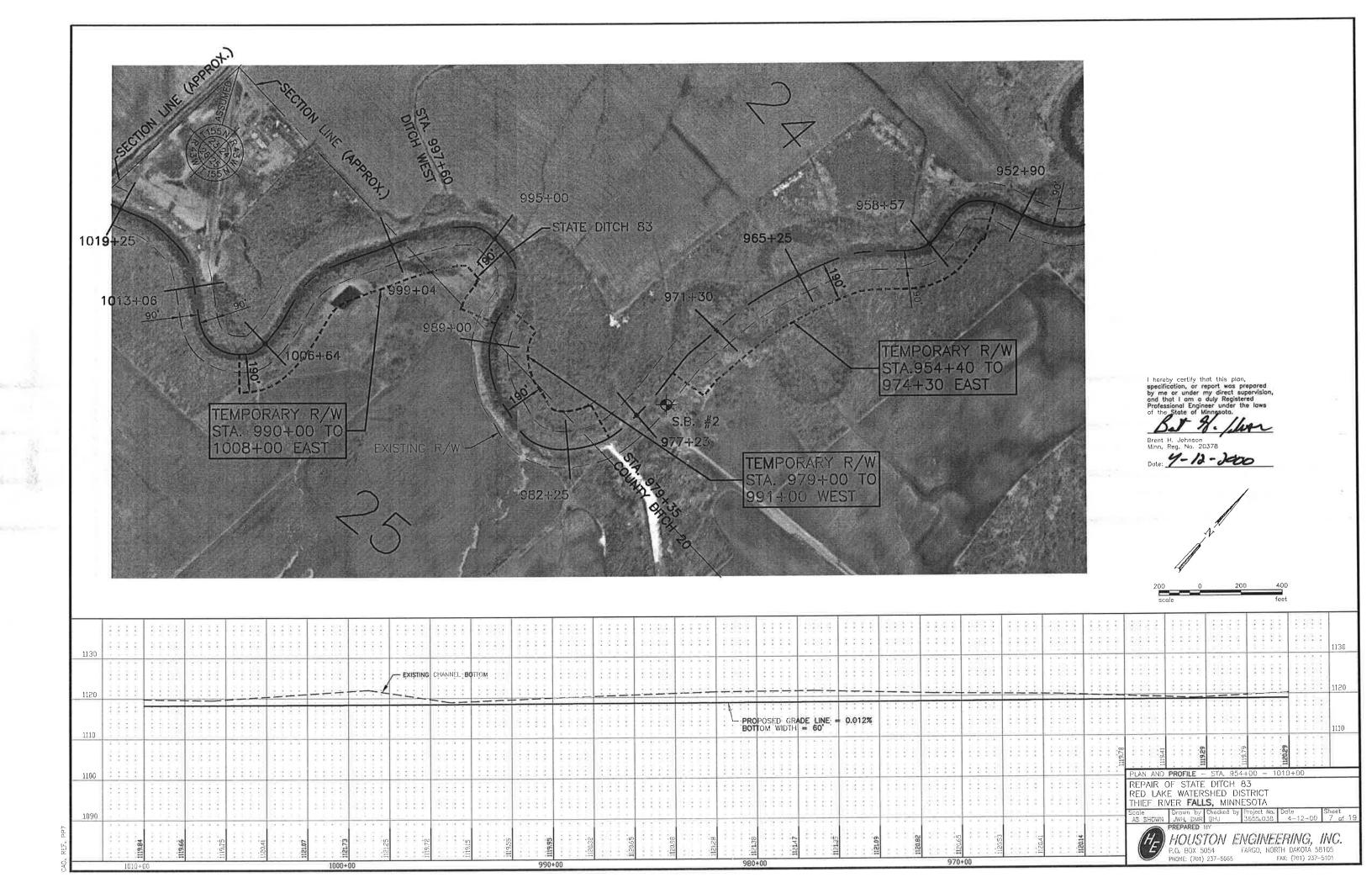
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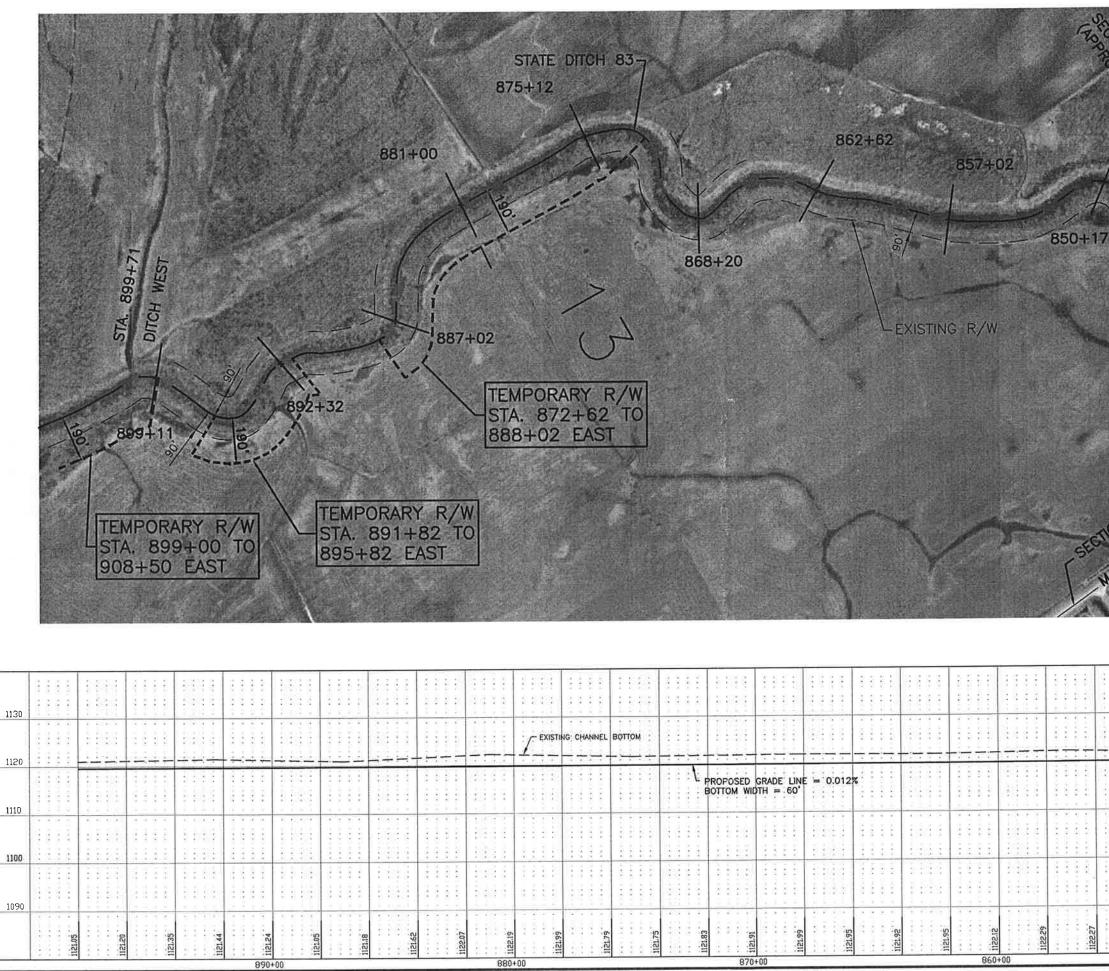
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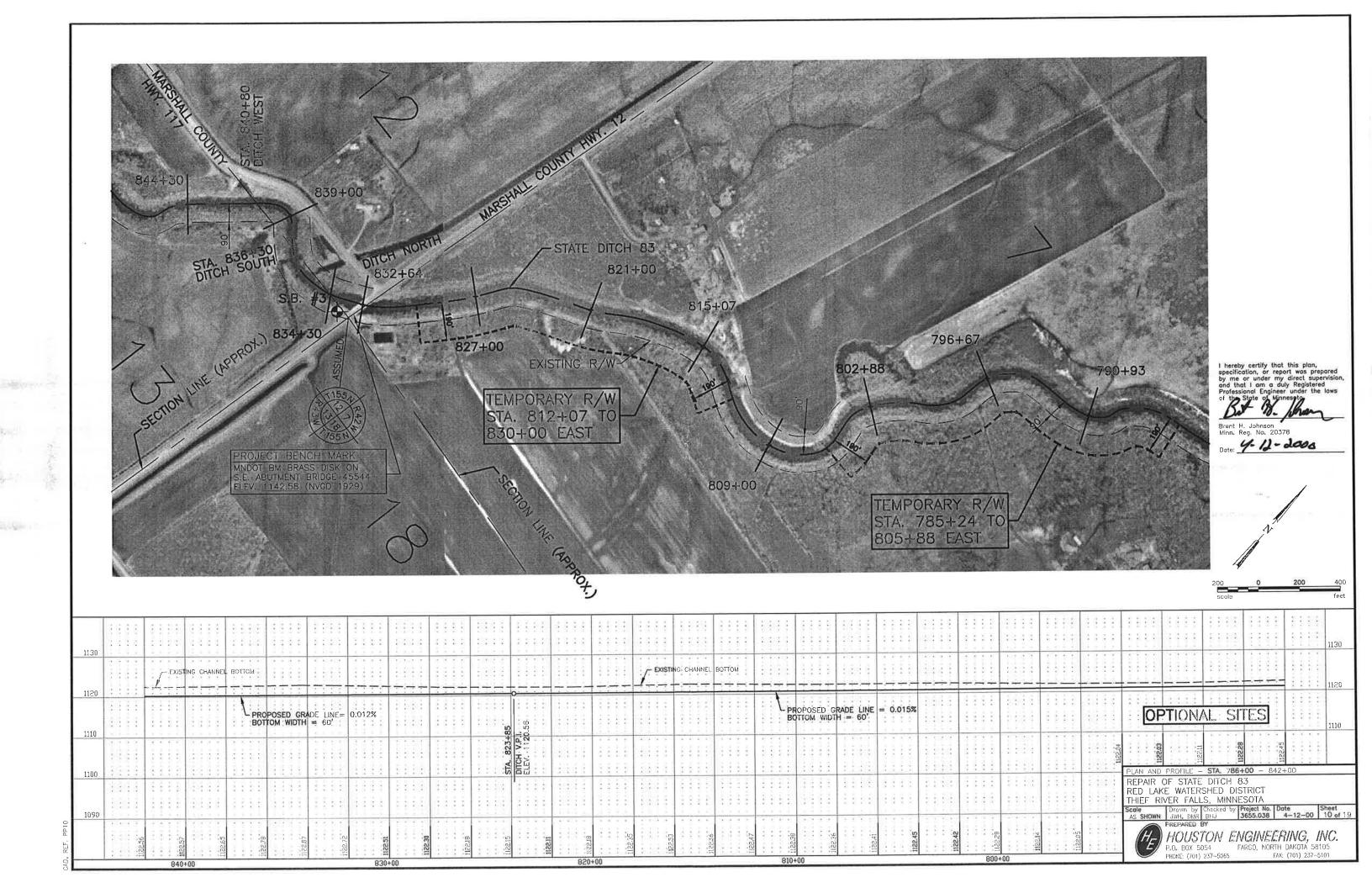


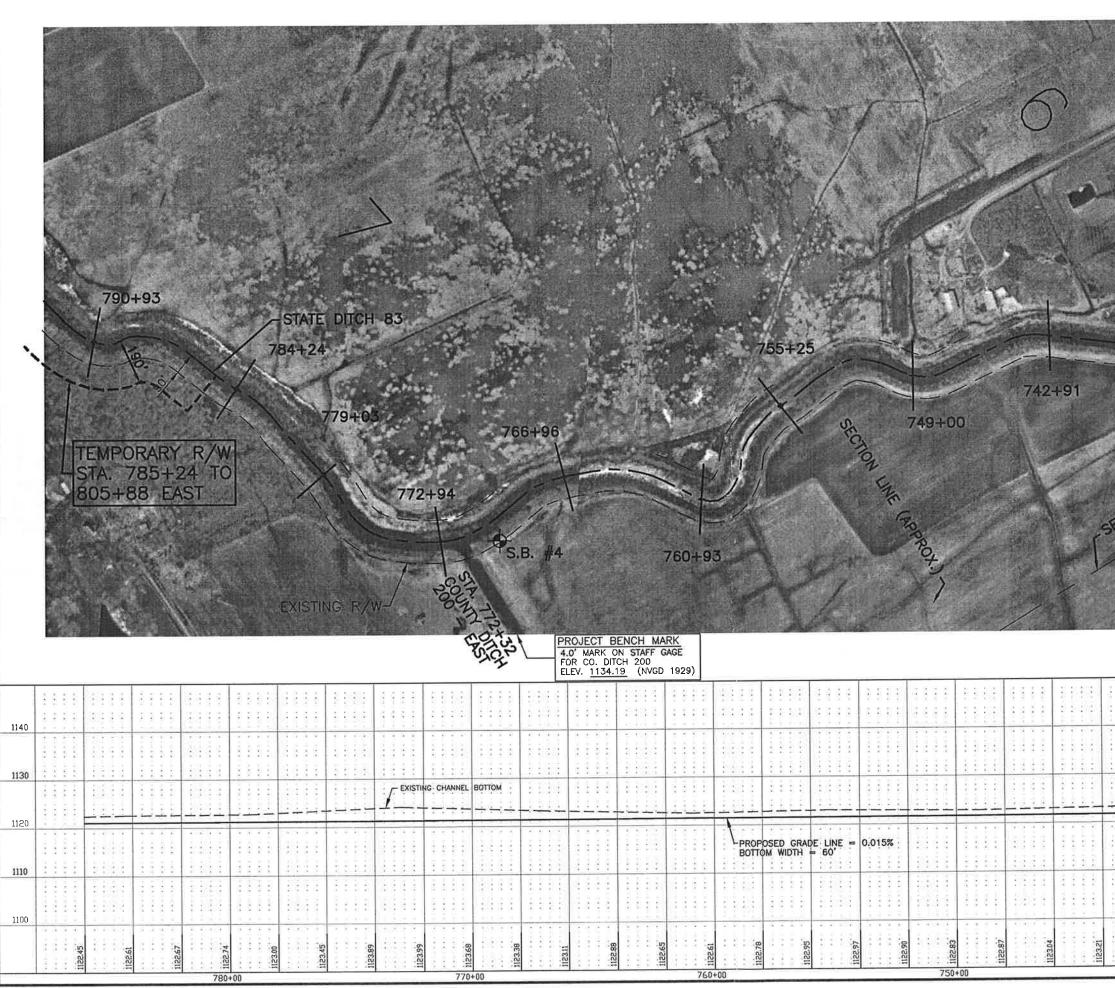
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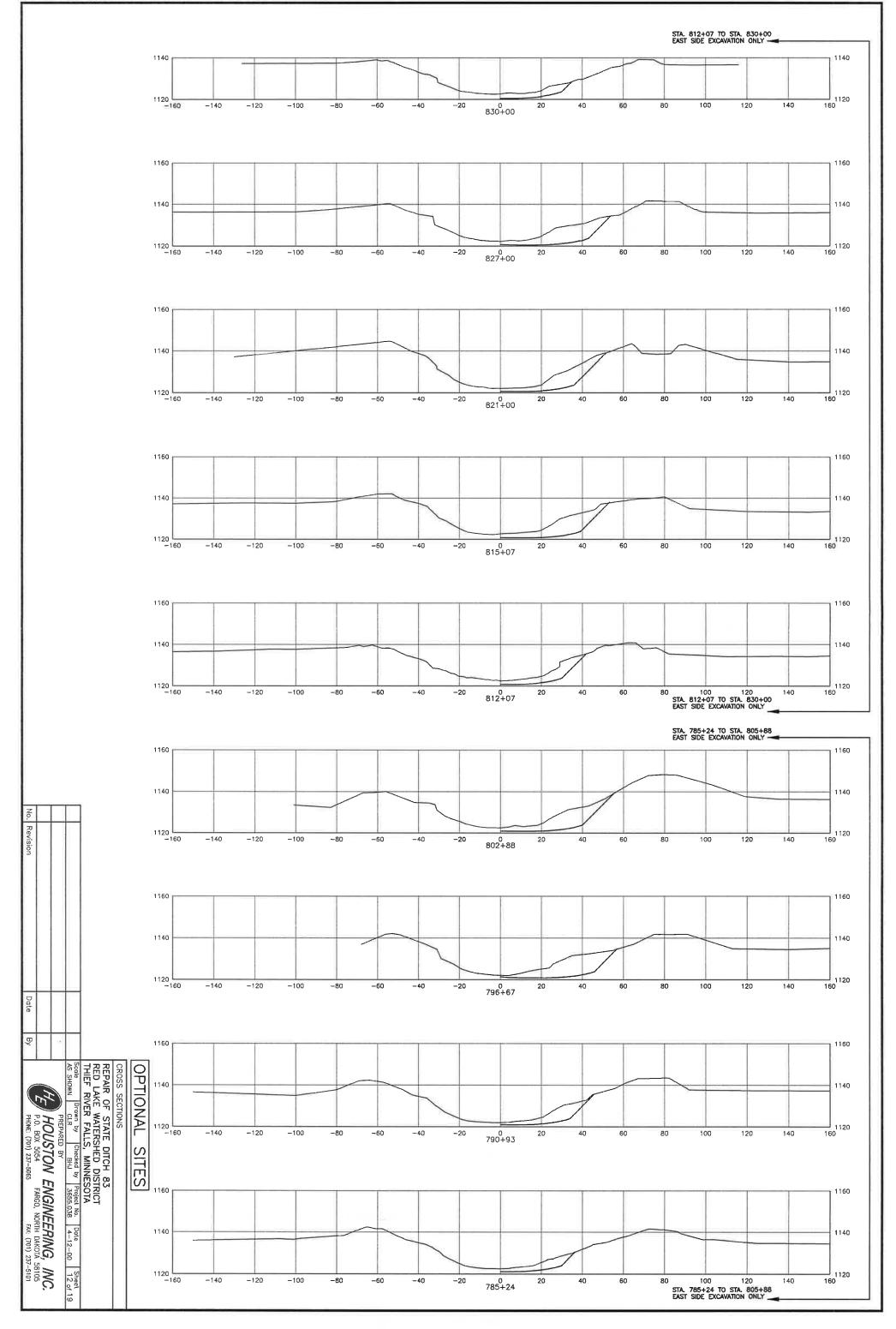
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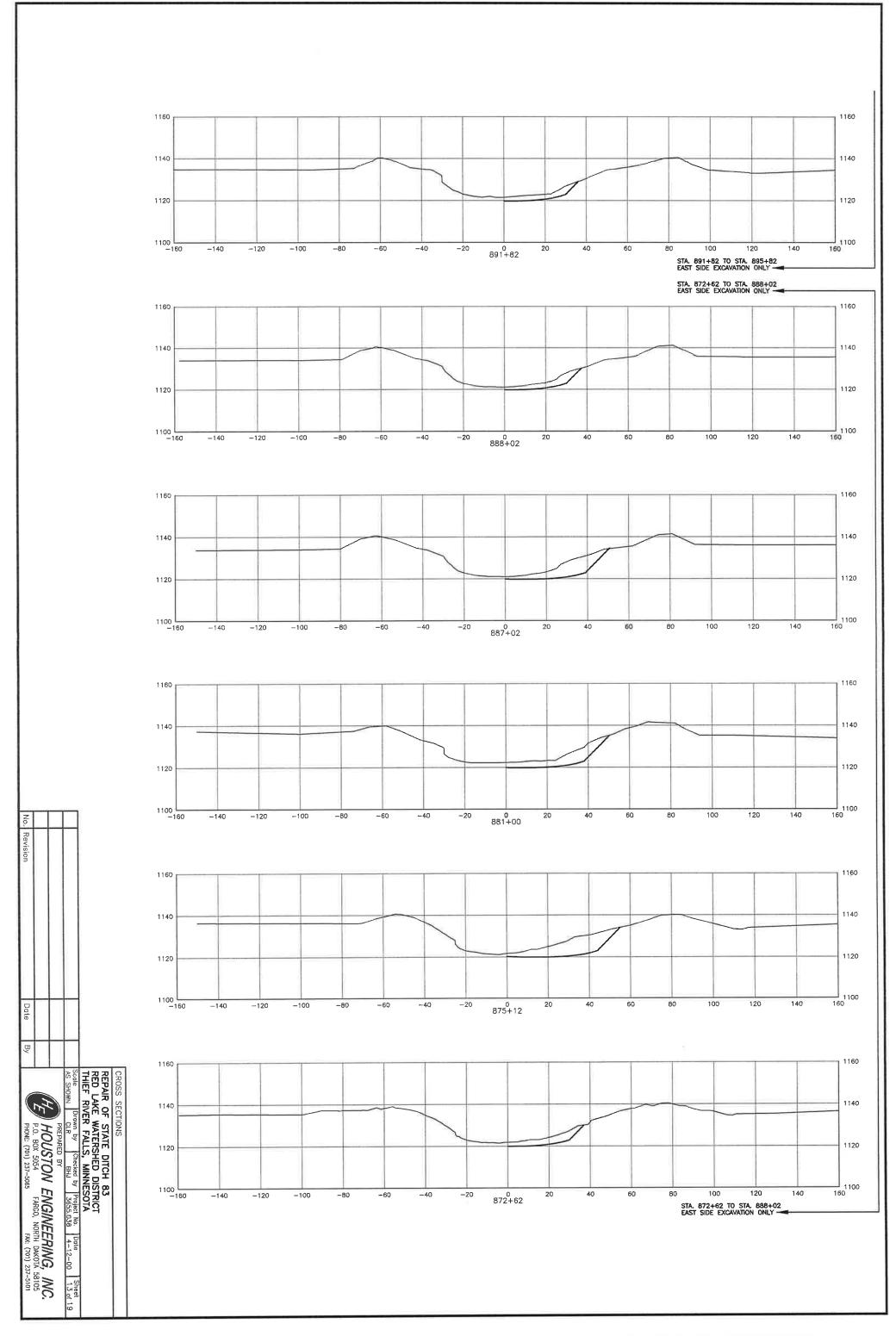




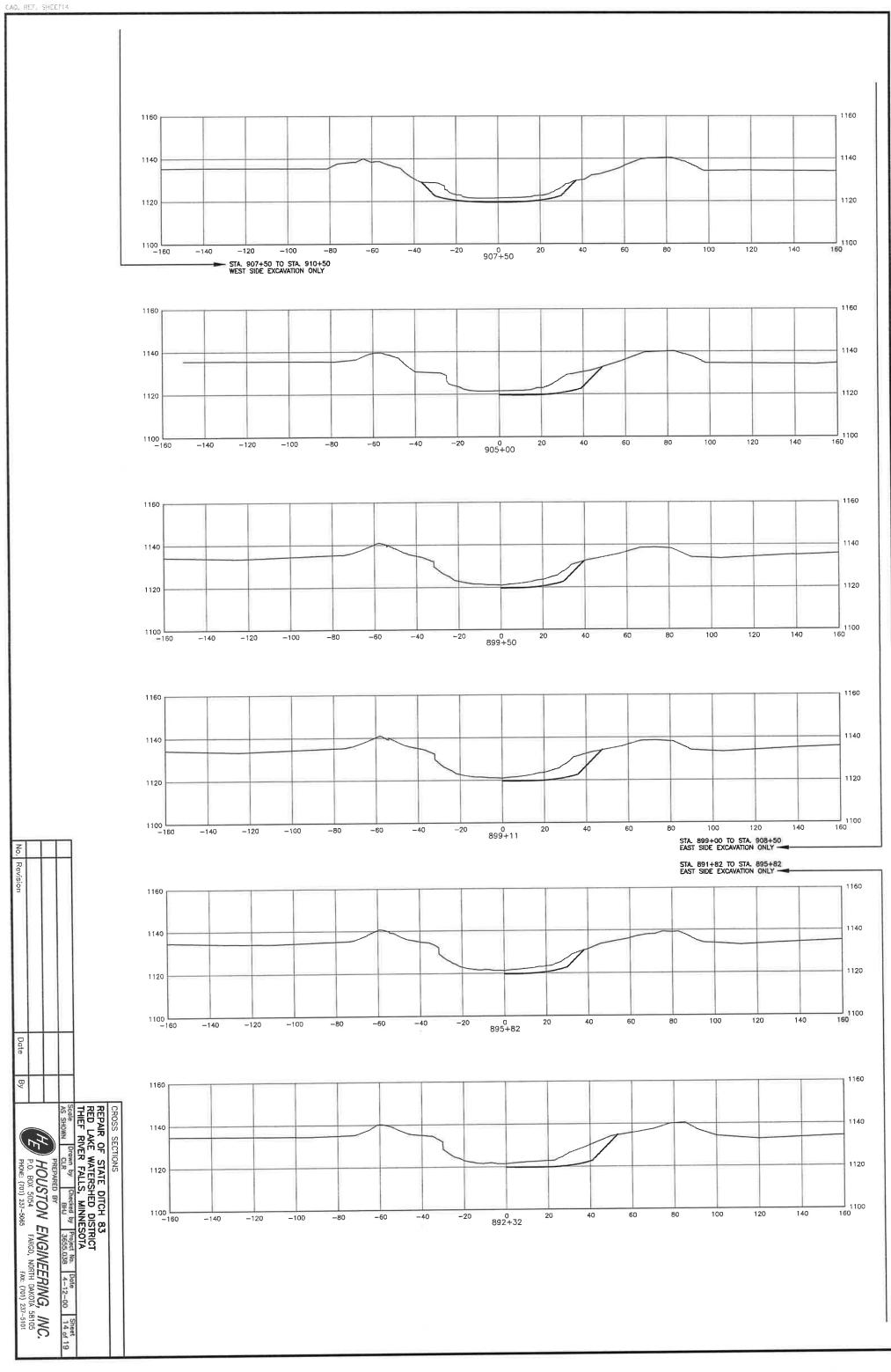
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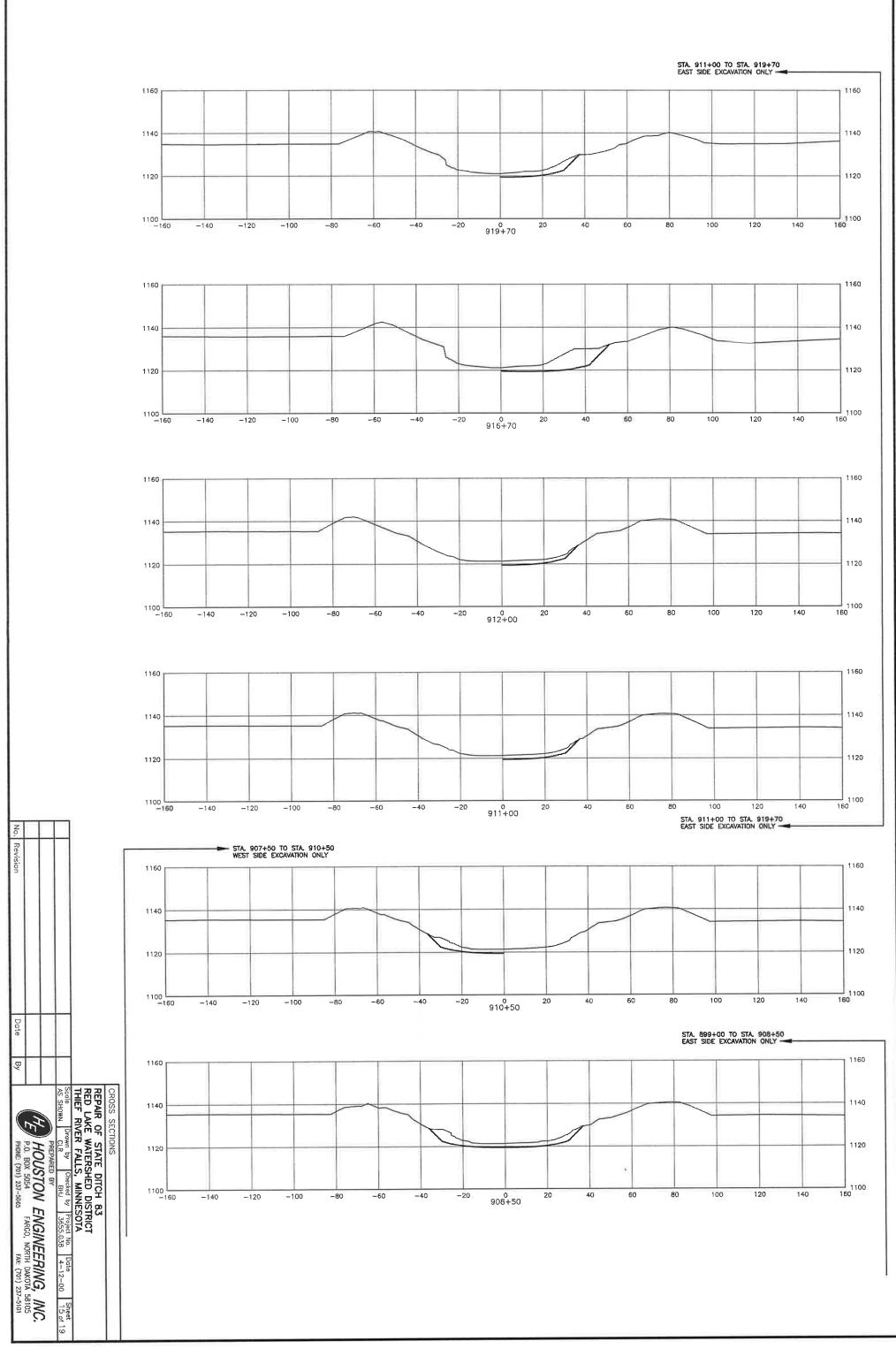
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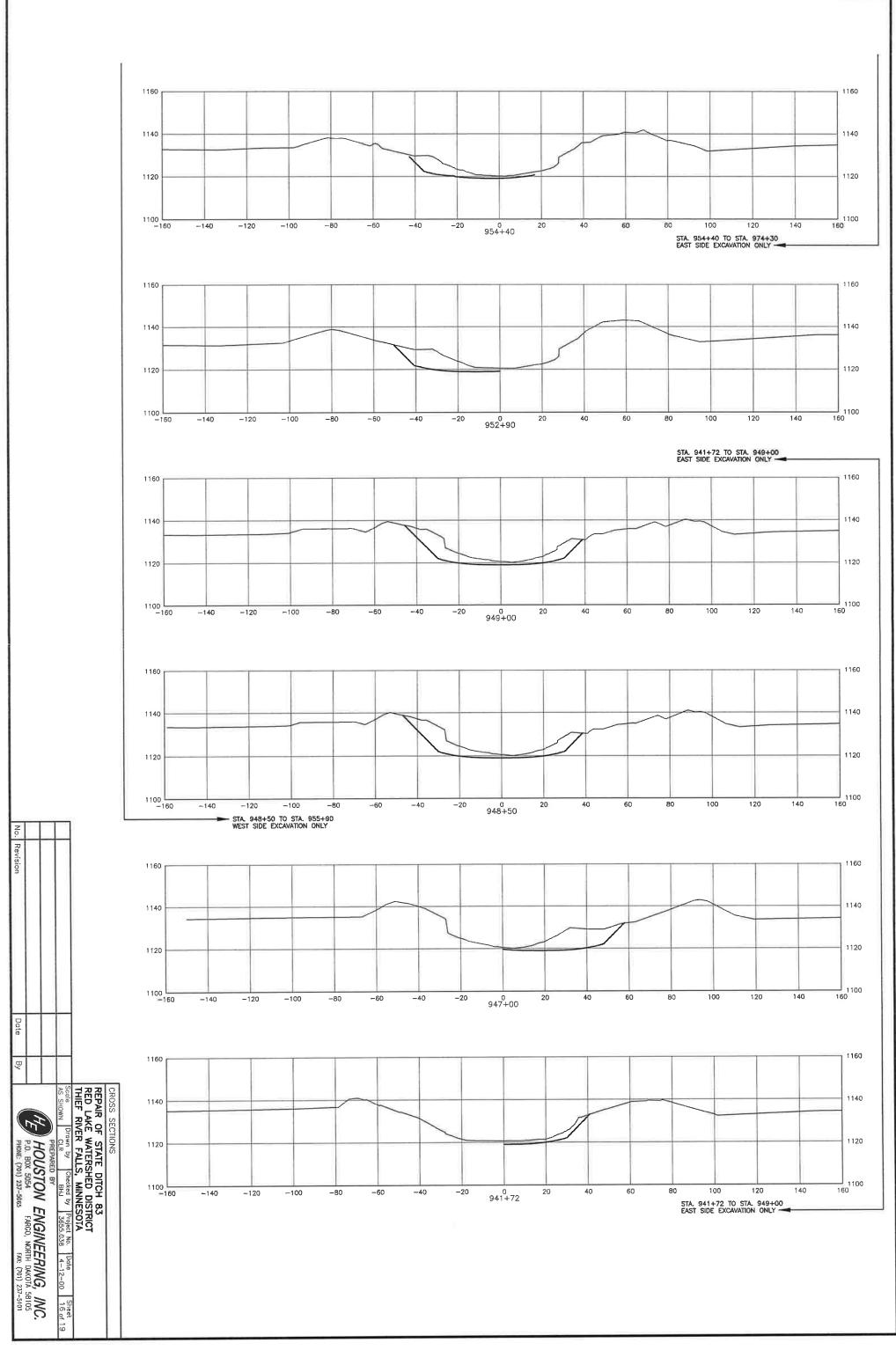




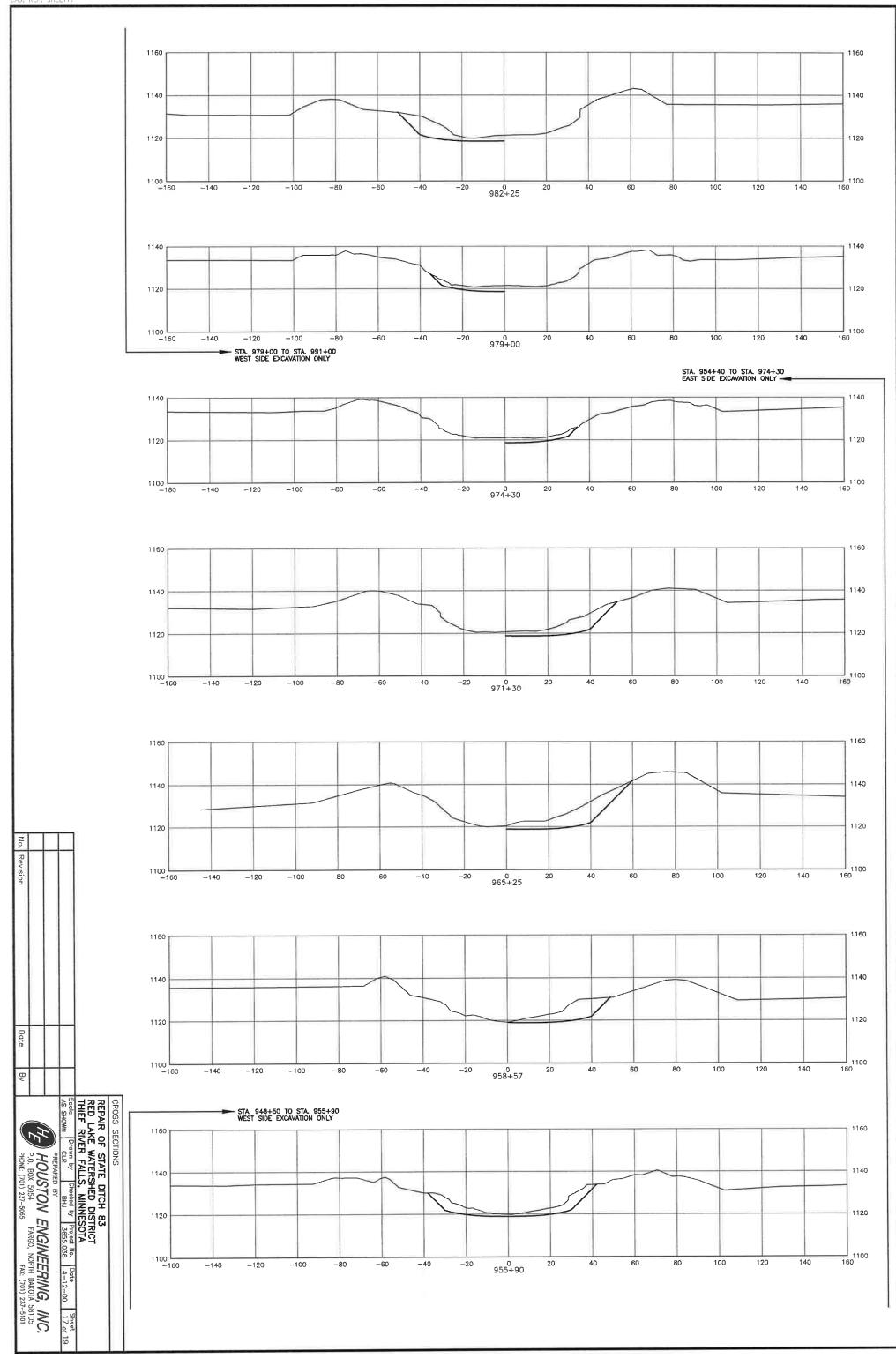




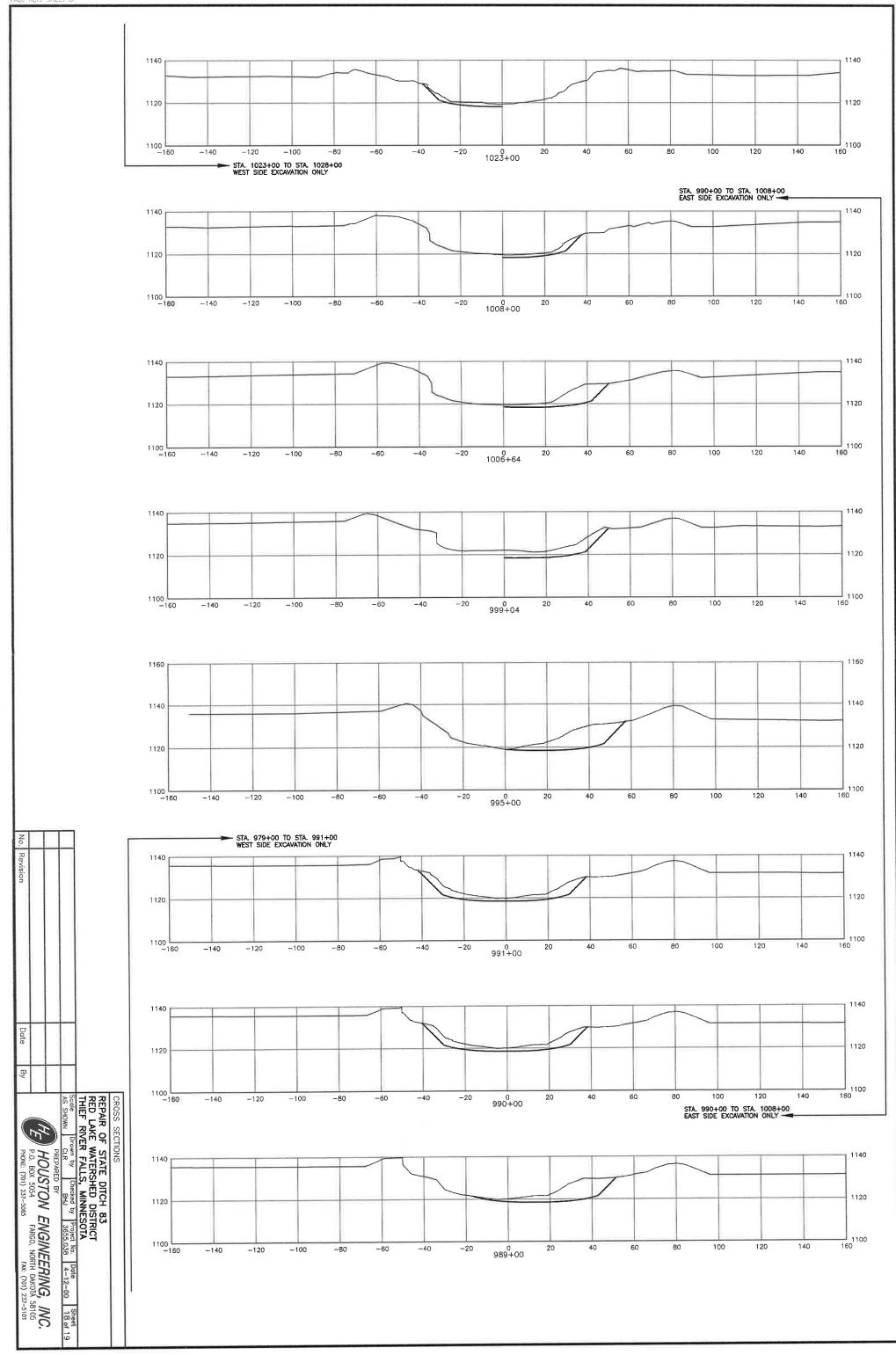






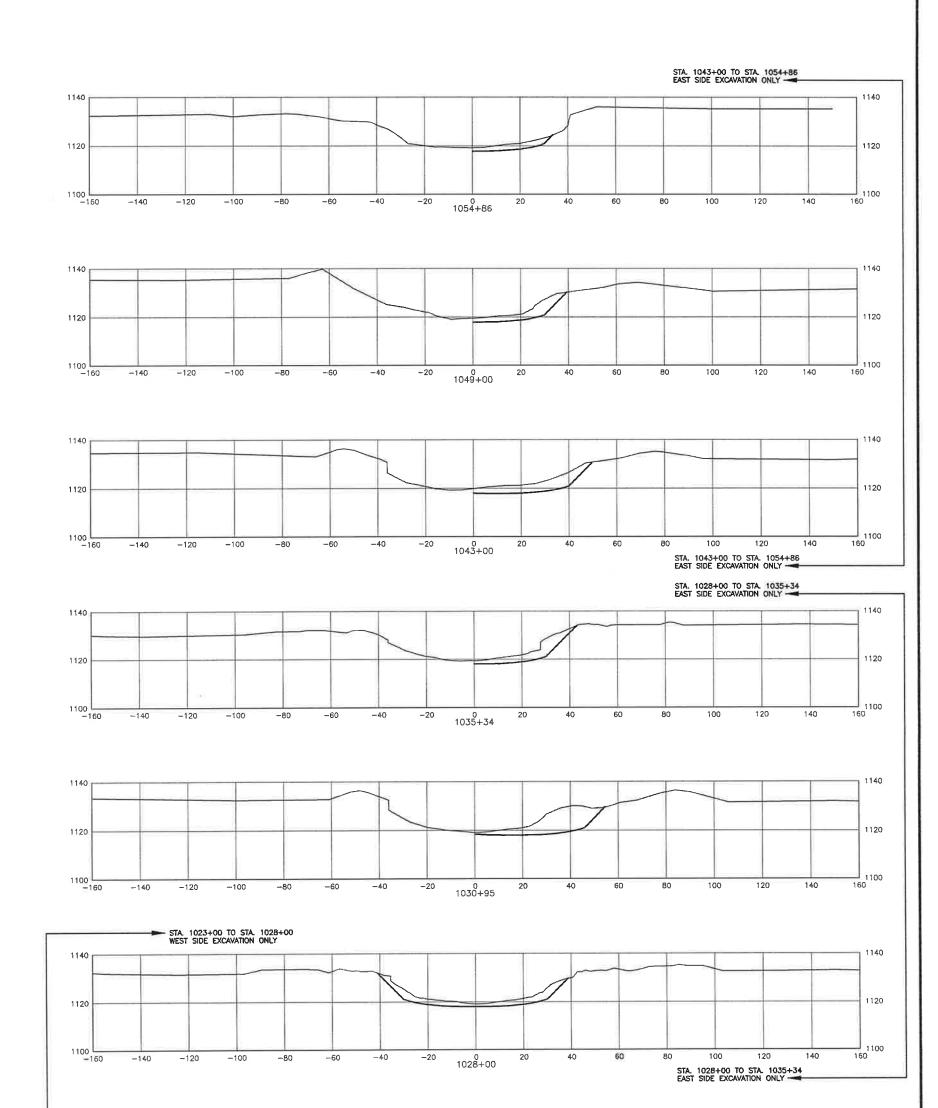


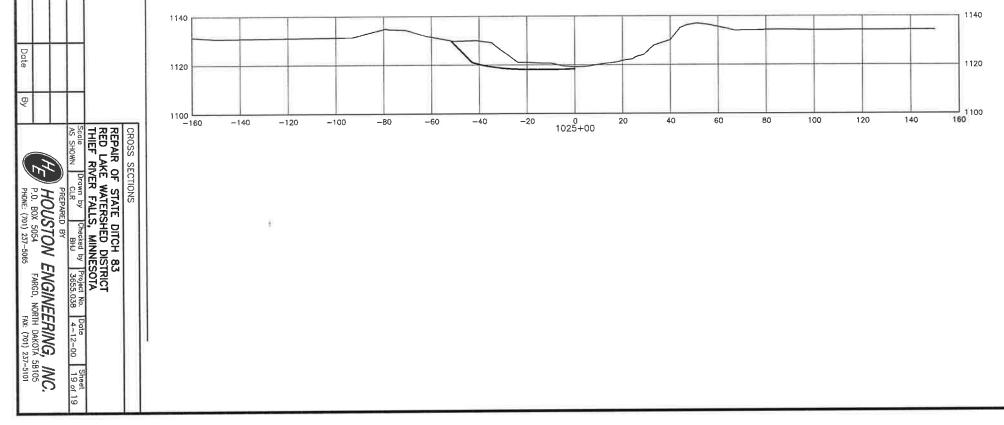


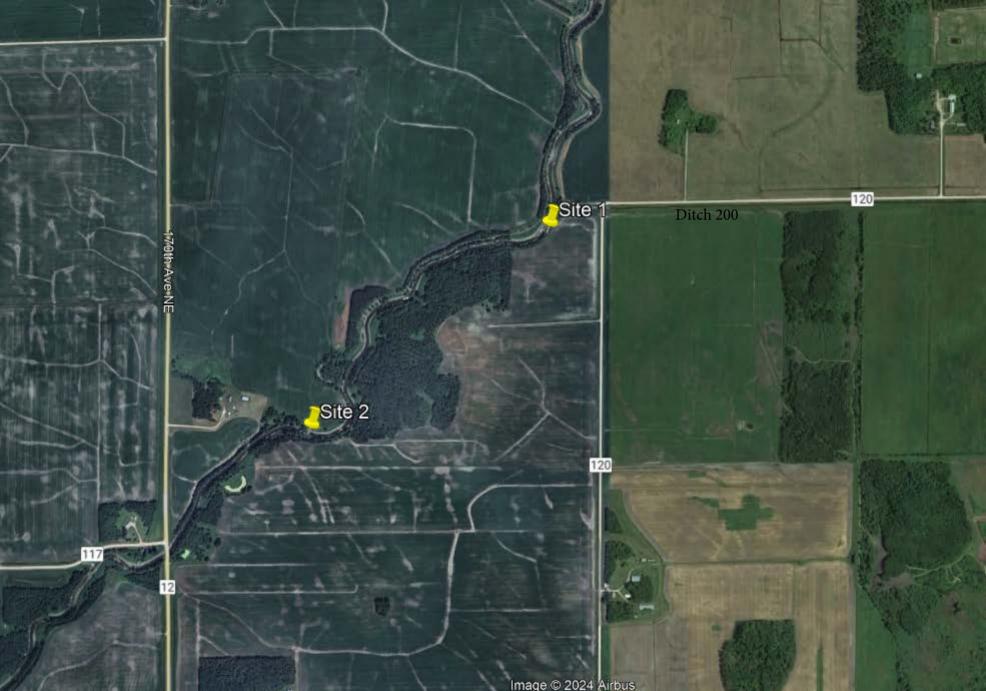


No.

Revision

































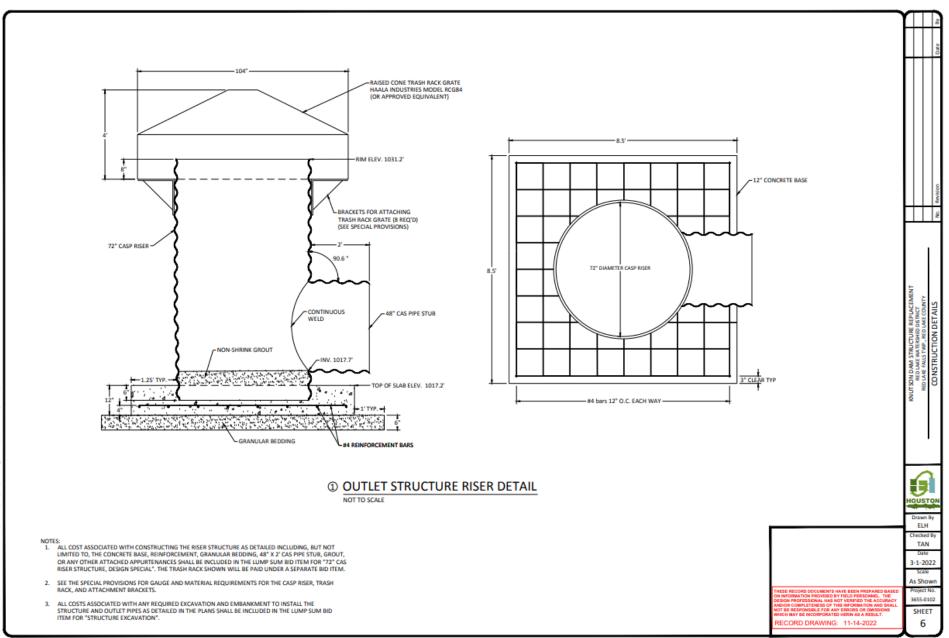




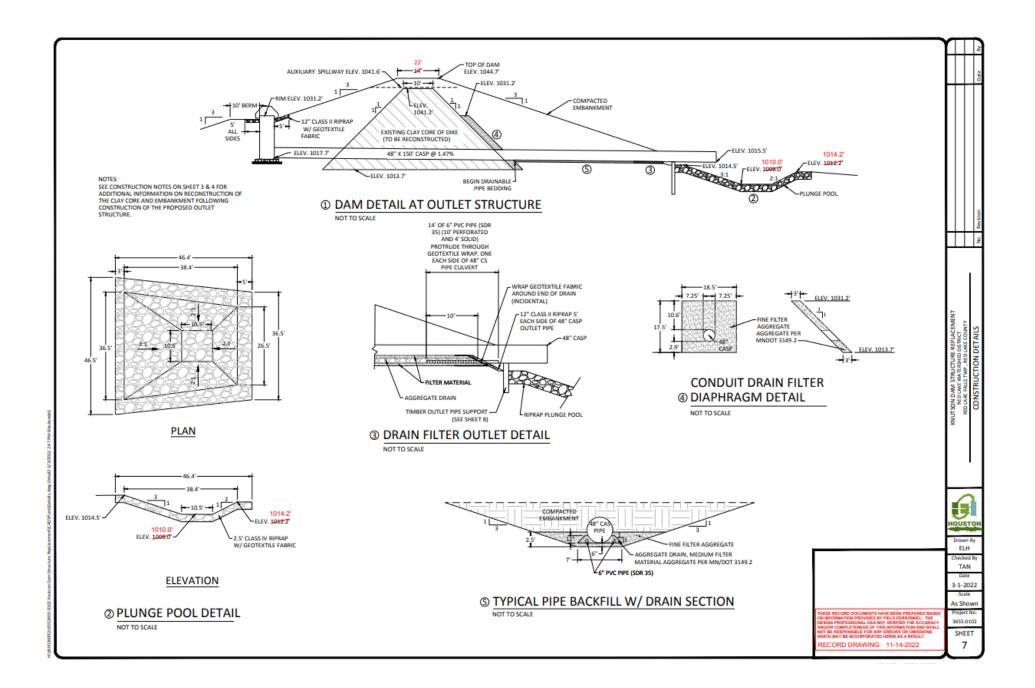








HEI NO. 3655-0102



Quality Spray Feam LLC/DBA Anderson Excavating

PO Box 53 Kelliher, MN 56650 US 218-689-6302 andrewaanderson@live.com

INVOICE

BILL TO Red Lake Watershed District 1000 Pennington Avenue South Thief River Falls, MN 56701 INVOICE # 1635 DATE 03/27/2024 DUE DATE 04/26/2024 TERMS Net 30

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
03/20/2024	-Service	KNUTSON DAM REPAIR (Temporary Repair) Repaired washout around inlet structure. Track Hoe 8 hours @ \$130.00	8	130.00	1,040.00
	Service	Mobilization	1	500.00	500.00
	Service	Labor & fabric	1	880.00	880.00
010000000000000000000000000000000000000		SUBTOTAL			2,420.00
		TAX			0.00
		TOTAL			2,420.00
		BALANCE DUE		\$2,4	20.00

RECEIVED

MAR 27 2024 Initial:

Huot Streambank Stabilization

The Red Lake River has multiple, large streambank failures near the village of Huot, shortly downstream of the confluence with the Black River. A clear connection between a lack of perennial, deep-rooted, and woody vegetation is very evident when exploring the river between the Old Crossing Treaty Park Access and the CSAH 11 crossing of the river. Mass wasting of streambank has occurred where land has been cleared along the cutbank of the river. A prominent and problematic example is the west bank of the Red Lake River upstream of the Huot Bridge (CSAH 3). A gravel road (CR 104) once paralleled the river to provide a direct route between the CSAH 17 and CSAH 3 intersection and Huot residences. Lacking vegetative protection, the bank continually migrated closer to the road until it needed to be abandoned.

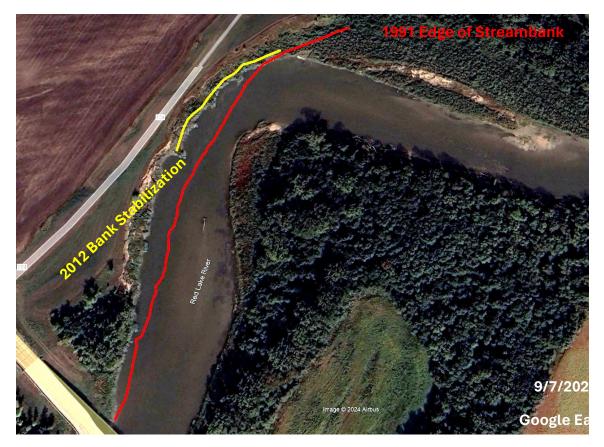
In 2012, The Red Lake SWCD successfully acquired funding to stabilize a portion of that bend in the river. The project installed stream barbs that deflected flow away from the streambanks. The project was successful in slowing the erosive progress of that section of the bank. The outline of that stabilization work closely matches the current location of the edge of the bank.

During the flow of 2022, accelerated erosion was observed downstream of the previous work and damage to the previously installed structures was reported. The Red Lake County SWCD used Red Lake River 1W1P Watershed-Based Implementation Funding to begin developing a project to stabilize the rest of that bank of the river.

The SWCD has estimated that the project will cost **\$560,000** to construct. The Red Lake River 1W1P Planning Work Group decided to apply for available supplemental WBIF to fund construction of this project and a project development effort for the outlet of Judicial Ditch 60. The state wasn't able to provide 100% of the requested amount, but still provided a large boost to the 2022 Red Lake River WBIF budget that will make **\$397,509** available for construction of the Huot Streambank Stabilization project and \$60,000 available to investigate the feasibility of an outlet stabilization project for JD 60. Logan Handyside provided an estimated rate of erosion at the site:

- Stabilize 840 feet of streambank
- 50 feet of streambank has been lost over a 30-year period (1991-2021)
- Height of eroding bank (above water surface) was estimated at 23 feet by Logan Handyside
- These numbers generate an estimated sediment loss rate of 1,728.95 tons/year

2023 Aerial Photo



<u>April 2006</u>



May 2012 (before first bank stabilization project)



2015 Aerial (after the first bank stabilization project)



<u>May 2023</u>



<u>July 2023</u>



September 2023

Vegetated toe protected by stream barbs, but erosion around furthest downstream structure

September 2023 - View, from the river, of active erosion downstream of previous bank stab.





Project Manual

for

Danny & Jami Payment Ring Dike

Red Lake Watershed District

Section 7, Terrebonne Township, Red Lake County, Minnesota

March 2024





Project Manual For Danny & Jami Payment Ring Dike Section 7, Terrebonne Township, Red Lake County Red Lake Watershed District March 2024

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

fory a. Norsk

Tony A. Nordby, PE License No. 51392

Date: <u>3-26-2024</u>



125 3rd Street E Thief River Falls, MN 56701 Phone (218) 681-2951 HE Project No. 3655-0106-004

PART 1 BIDDING REQUIREMENTS

SECTION 1.1

INFORMATION FOR BIDDERS

1.1.01 PROPOSALS are requested for the Danny & Jami Payment Ring Dike, Section 7, Terrebonne Township, Red Lake County, Minnesota.

Construction includes Clearing and Grubbing, Excavation – Common (P), Common Embankment (CV) (P), Aggregate Surfacing CL 5 (CV), 18" CS Pipe Culvert, 30" CS Pipe Culvert, Turf Establishment, and other construction items in accordance with the Plans, Specifications, and other Contract Documents prepared by Houston Engineering, Inc., 125 3rd Street East, Thief River Falls, MN 56701.

- a. <u>Form</u>: Each Proposal shall be made on a form prepared by the Engineer and included as one of the Contract Documents and shall be submitted in a sealed envelope bearing the title of the work and the name of the Bidder.
- <u>Modifications</u>: Proposals shall not contain any recapitulations of the work to be done.
 Alternate proposals will not be considered unless called for. Oral proposals or modifications will not be considered.
- c. <u>Certification of Compliance of Responsible Contractors Requirement</u>: Per Minnesota Statute 16C.285 subdivision 4, eligible Proposals are required to contain a completed and signed copy of the RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE form found in SECTION 1.3
- d. <u>Examination of Contract Documents and Visit to Site</u>: Before submitting a Proposal, bidders shall carefully examine the Drawings, read the Specifications and the other Contract Documents, shall visit the site of work, and shall fully inform themselves as to all existing conditions and limitations, and shall include in the Proposal a sum to cover the cost of all items included in the Contract Documents.
- e. <u>Delivery of Proposals</u>: Proposals shall be delivered by 4:30 pm on **April 24, 2024** at the office of the Red Lake Watershed District 1000 Pennington Ave. S, Thief River Falls, MN 56701. It is the sole responsibility of the bidder to see that his/her Proposal is received in proper time. Any Proposal received after the scheduled closing time for receipt of Proposals shall be returned to the bidder unopened.
- f. <u>Withdrawal</u>: Any bidder may withdraw his/her Proposal, either personally or by telegraphic or written request, at any time prior to the scheduled closing time for receipt of Proposals.
- g. <u>Opening</u>: It is the intention of the District and Houston Engineering, Inc. that the proposals will be publicly opened and read. Their content will be made public for the information of bidders and others interested. However, the right to adjourn the letting of the contract to a time and place other than noted herein, or to reject any and all bids, is reserved.
- h. <u>Comparison of Bids</u>. The quantities appearing in the bid schedule and the unit prices bid will be used as the basis for the calculation of the amount bid and for the comparison of bids.

Bids will be compared on the basis of the correct summation of the products of the listed quantities and the unit bid prices.

i. <u>Award or Rejection</u>: It is the intention to award the Contract to the lowest responsible bidder complying with these instructions. The right is reserved to reject any or all proposals, to waive defects and technicalities, or to advertise for new proposals. No Bidder may withdraw his/her Proposal for a period of thirty (30) days after the date of the opening thereof. The Owner reserves the right to hold all bids for a period of thirty (30) days after the date of opening thereof.

1.1.02 INTERPRETATION OF DOCUMENTS: If any person contemplating submitting a Proposal is in doubt as to the true meaning of any part of the Drawings, Specifications, or other Contract Documents, or finds discrepancies in or omissions from the Drawings or Specifications, they may submit to the District a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the documents will be made only by Addendum duly issued and a copy of the Addendum will be mailed or delivered to each person receiving a set of the Contract Documents. Neither the Owner nor the Engineer will be responsible for any other explanations or interpretations of the Contract Documents.

1.1.03 ADDENDA: Any addenda issued during the time of bidding or forming a part of the Contract Documents loaned to the Bidder for the preparation of his/her Proposal, shall be covered in the Proposal, and shall be made a part of the Contract. Receipt of each Addendum shall be acknowledged in the Proposal.

1.1.04 BIDDERS INTERESTED IN MORE THAN ONE PROPOSAL: No person, firm or corporation shall be allowed to make, file or to be interested in more than one Proposal for the same work, unless alternate Proposals are called for. A person, firm, or corporation who has submitted a sub-proposal to a Bidder, or who has quoted prices on materials to a Bidder, is not hereby disqualified from submitting a sub-proposal or quoting prices to other Bidders.

1.1.05 PROPOSAL GUARANTY: No proposal guaranty is required as a condition of the Project contract documents. If awarded the Contract, the Agreement will be promptly executed in accordance with the Proposal and the other Contract Documents.

1.1.06 PERFORMANCE BOND AND PAYMENT BOND: No Performance or Payment Bond is required as a condition of the Project contract documents.

1.1.07 GENERAL CONDITIONS OF THE CONTRACT (2018 edition): Copyrighted by Engineer's Joint Contract Document Committee, as bound herewith, are hereby made a part of the Contract Documents.

1.1.08 The NOTICE TO PROCEED shall be issued within ten (10) calendar days of the execution of the contract or such time as may be specified in the contract documents. In the event that the NOTICE TO PROCEED cannot be issued within the specified period, then the time may be extended by the mutual agreement of the contractor and the District.

1.1.9 COMPLETION DATE: All of the contract work must be completed within the time stated in the "Bid Form".

1.1.10 IC134 WITHHOLDING AFFIDAVIT FOR CONTRACTORS: This affidavit must be completed and approved by the Minnesota Department of Revenue before final contract payment is made.

SECTION 1.2

BID FORM

Board of Managers Red Lake Watershed District Thief River Falls, Minnesota

1.2.01 STIPULATED AMOUNT: The Undersigned hereby proposes and agrees to furnish all the necessary labor, materials, equipment, tools and services necessary for construction of the Danny & Jami Payment Ring Dike, Section 7, Terrebonne Township, Red Lake County, Minnesota, all in accordance with the Drawings, Specifications, and other Contract Documents prepared by the Red Lake Watershed District, 1000 Pennington Avenue S., Thief River Falls, Minnesota 56701 and Houston Engineering, Inc., 125 3rd Street East, Thief River Falls, MN 56701 for the prices shown on the attached bid sheet.

1.2.02 KNOWLEDGE OF LOCAL CONDITIONS AND CONTRACT DOCUMENTS: The Undersigned has examined the location of the proposed work, the Drawings, Specifications, and other Contract Documents and is familiar with the local conditions at the place where the work is to be performed.

1.2.03 EXECUTION OF AGREEMENT: Within ten (10) days after notice of award, the Undersigned agrees to execute the Contract and to furnish required contract documents.

1.2.04 ADDENDA: The Undersigned hereby acknowledges receipt of the following addenda:

<u>Addendum No.</u>	Dated

SPEC. NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
2021.501	MOBILIZATION	LUMP SUM	1		
2101.501	CLEARING AND GRUBBING	LUMP SUM	1		
2104.503	REMOVE PIPE CULVERT	LIN. FT.	90		
2106.507	EXCAVATION - COMMON (P)	CU. YD.	3,084		
2106.507	COMMON EMBANKMENT (CV) (P)	CU. YD.	3,982		
2118.507	AGGREGATE SURFACING CL. 5	CU. YD.	335		
2501.503	18" CS PIPE CULVERT	LIN. FT.	50		
2501.503	30" CS PIPE CULVERT	LIN. FT.	32		
2501.503	18" CS PIPE APRON	EACH	2		
2501.503	30" CS PIPE APRON	EACH	2		
2501.601	CANAL GATE FOR 18" CS PIPE	EACH	2		
2573.502	CULVERT END CONTROLS	EACH	2		
2573.503	SILT FENCE TYPE MS	LIN. FT.	380		
2573.503	SEDIMENT CONTROL LOG TYPE COMPOST	LIN. FT.	72		
2575.501	TURF ESTABLISHMENT	LUMP SUM	1		
			TO	TAL BID AMOUNT	

1.2.06 CONTRACT TIME: If awarded the Contract, the Undersigned agrees to a substantial completion date of **August 23, 2024**, and final completion date of **August 30, 2024**. Construction shall be continuous to complete the project in a timely matter once construction activity is started. The Contractor will be issued A Notice to Proceed by the Owner, controlling the initiation of onsite construction operations. No work shall begin on the construction site prior to issuance of the Notice to Proceed.

1.2.07 OWNER'S RIGHTS RESERVED: The Undersigned understands that the Owner reserves the right to reject any or all Proposals or to waive any informality or technicality in any Proposal in the interest of the Owner.

1.2.08 PARTIAL AWARD OF CONTRACT: The Owner reserves the right to award a reduced quantity of work listed in the Proposal in the event that the lowest qualified bid exceeds the available funds to construct the entire project as described in Specifications and Construction Plans. In the event that a partial award will be made, the quantities from the Proposal will be reduced and multiplied by the unit prices provided by the lowest qualified bidder until the total construction cost doesn't exceed the available funds. The total construction cost will include a 10% contingency above construction costs calculated from the quantities and bid prices from the lowest qualified bidder.

1.2.09 THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

CONTRACTOR			
BY (Print)	TITLE		
SIGNATURE (of above printed name)			
BUSINESS ADDRESS			
СІТҮ	STATE	ZIP CODE	
DATE	-		

NOTE: Ensure that your proposal meets the RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE

ATTACHMENT A PRIME CONTRACTOR RESPONSE

RESPONSIBLE CONTRACTOR VERIFICATION AND CERTIFICATION OF COMPLIANCE

PROJECT NAME: Danny & Jami Payment Ring Dike

This form includes changes by statutory references from the Laws of Minnesota 2015, chapter 64, sections 1-9. This form must be submitted with the response to this solicitation. A response received without this form, will be rejected.

Minn. Stat. § 16C.285, Subd. 7. **IMPLEMENTATION.** ... any prime contractor or subcontractor or motor carrier that does not meet the minimum criteria in subdivision 3 or fails to verify that it meets those criteria is not a responsible contractor and is not eligible to be awarded a construction contract for the project or to perform work on the project...

Minn. Stat. § 16C.285, Subd. 3. **RESPONSIBLE CONTRACTOR, MINIMUM CRITERIA**. "Responsible contractor" means a contractor that conforms to the responsibility requirements in the solicitation document for its portion of the work on the project and verifies that it meets the following minimum criteria:

(1)	The Contractor:
	(i) is in compliance with workers' compensation and unemployment insurance requirements;
	(ii) is in compliance with Department of Revenue and Department of Employment and Economic Development registration requirements if it has employees;
	(iii) has a valid federal tax identification number or a valid Social Security number if an individual; and
	(iv) has filed a certificate of authority to transact business in Minnesota with the Secretary of State if a foreign corporation or cooperative.
(2)	The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 177.24, 177.25, 177.41 to 177.44, 181.13, 181.14, or 181.722, and has not violated United States Code, title 29, sections 201 to 219, or United States Code, title 40, sections 3141 to 3148. For purposes of this clause, a violation occurs when a contractor or related entity:
	(i) repeatedly fails to pay statutorily required wages or penalties on one or more separate projects for a total underpayment of \$25,000 or more within the three-year period, provided that a failure to pay is "repeated" only if it involves two or more separate and distinct occurrences of underpayment during the three-year period;
	(ii) has been issued an order to comply by the commissioner of Labor and Industry that has become final;
	(iii) has been issued at least two determination letters within the three-year period by the Department of Transportation finding an underpayment by the contractor or related entity to its own employees;
	(iv) has been found by the commissioner of Labor and Industry to have repeatedly or willfully violated any of the sections referenced in this clause pursuant to section 177.27;
	(v) has been issued a ruling or findings of underpayment by the administrator of the Wage and Hour Division of the United States Department of Labor that have become final or have been upheld by an administrative law judge or the Administrative Review Board; or
	(vi) has been found liable for underpayment of wages or penalties or misrepresenting a construction worker as an independent contractor in an action brought in a court having jurisdiction. Provided that, if the contractor or related entity contests a determination of underpayment by the Department of Transportation in a contested case proceeding, a violation does not occur until the contested case proceeding has concluded with a determination that the contractor or related entity underpaid wages or penalties;*

(3)	The contractor or related entity is in compliance with and, during the three-year period before submitting the verification, has not violated section 181.723 or chapter 326B. For purposes of this clause, a violation occurs when a contractor or related entity has been issued a final administrative or licensing order;*
(4)	The contractor or related entity has not, more than twice during the three-year period before submitting the verification, had a certificate of compliance under section 363A.36 revoked or suspended based on the provisions of section 363A.36, with the revocation or suspension becoming final because it was upheld by the Office of Administrative Hearings or was not appealed to the office;*
(5)	The contractor or related entity has not received a final determination assessing a monetary sanction from the Department of Administration or Transportation for failure to meet targeted group business, disadvantaged business enterprise, or veteran-owned business goals, due to a lack of good faith effort, more than once during the three-year period before submitting the verification;*
	* Any violations, suspensions, revocations, or sanctions, as defined in clauses (2) to (5), occurring prior to July 1, 2014, shall not be considered in determining whether a contractor or related entity meets the minimum criteria.
(6)	The contractor or related entity is not currently suspended or debarred by the federal government or the state of Minnesota or any of its departments, commissions, agencies, or political subdivisions that have authority to debar a contractor; and
(7)	All subcontractors and motor carriers that the contractor intends to use to perform project work have verified to the contractor through a signed statement under oath by an owner or officer that they meet the minimum criteria listed in clauses (1) to (6).

Minn. Stat. § 16C.285, Subd. 5. SUBCONTRACTOR VERIFICATION.

A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.

If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors.

A prime contractor shall submit to the contracting authority upon request copies of the signed verifications of compliance from all subcontractors of any tier pursuant to subdivision 3, clause (7). A prime contractor and subcontractors shall not be responsible for the false statements of any subcontractor with which they do not have a direct contractual relationship. A prime contractor and subcontractors shall be responsible for false statements by their first-tier subcontractors with which they have a direct contractual relationship only if they accept the verification of compliance with actual knowledge that it contains a false statement.

Subd. 5a. **Motor carrier verification.** A prime contractor or subcontractor shall obtain annually from all motor carriers with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each motor carrier. A prime contractor or subcontractor shall require each such motor carrier to provide it with immediate written notification in the event that the motor carrier no longer meets one or more of the minimum criteria in subdivision 3 after submitting its annual verification. A motor carrier shall be ineligible to perform work on a project covered by this section if it does not meet all the minimum criteria in subdivision 3. Upon request, a prime contractor or subcontractor shall submit to the contracting authority the signed verifications of compliance from all motor carriers providing for-hire transportation of materials, equipment, or supplies for a project.

Minn. Stat. § 16C.285, Subd. 4. VERIFICATION OF COMPLIANCE.

A contractor responding to a solicitation document of a contracting authority shall submit to the contracting authority a signed statement under oath by an owner or officer verifying compliance with each of the minimum criteria in subdivision 3, with the exception of clause (7), at the time that it responds to the solicitation document.

A contracting authority may accept a signed statement under oath as sufficient to demonstrate that a contractor is a responsible contractor and shall not be held liable for awarding a contract in reasonable reliance on that statement. A prime contractor, subcontractor, or motor carrier that fails to verify compliance with any one of the required minimum criteria or makes a false statement under oath in a verification of compliance shall be ineligible to be awarded a construction contract on the project for which the verification was submitted.

A false statement under oath verifying compliance with any of the minimum criteria may result in termination of a construction contract that has already been awarded to a prime contractor or subcontractor or motor carrier that submits a false statement. A contracting authority shall not be liable for declining to award a contract or terminating a contract based on a reasonable determination that the contractor failed to verify compliance with the minimum criteria or falsely stated that it meets the minimum criteria. A verification of compliance need not be notarized. An electronic verification of compliance made and submitted as part of an electronic bid shall be an acceptable verification of compliance under this section provided that it contains an electronic signature as defined in section 325L.02, paragraph (h).

CERTIFICATION

By signing this document I certify that I am an owner or officer of the company, and I swear under oath that:

1) My company meets each of the Minimum Criteria to be a responsible contractor as defined herein and is in compliance with Minn. Stat. § 16C.285, and

2) if my company is awarded a contract, I will submit Attachment A-1 prior to contract execution, and

3) if my company is awarded a contract, I will also submit Attachment A-2 as required.

Authorized Signature of Owner or Officer:	Printed Name:
Title:	Date:
Company Name:	

NOTE: Minn. Stat. § 16C.285, Subd. 2, (c) If only one prime contractor responds to a solicitation document, a contracting authority may award a construction contract to the responding prime contractor even if the minimum criteria in subdivision 3 are not met.

ATTACHMENT A-1

FIRST-TIER SUBCONTRACTORS LIST

SUBMIT PRIOR TO EXECUTION OF A CONSTRUCTION CONTRACT

Project Name: ____ Danny & Jami Payment Ring Dike

Minn. Stat. § 16C.285, Subd. 5. A prime contractor or subcontractor shall include in its verification of compliance under subdivision 4 a list of all of its first-tier subcontractors that it intends to retain for work on the project. Prior to execution of a construction contract, and as a condition precedent to the execution of a construction contract, the apparent successful prime contractor shall submit to the contracting authority a supplemental verification under oath confirming compliance with subdivision 3, clause (7). Each contractor or subcontractor shall obtain from all subcontractors with which it will have a direct contractual relationship a signed statement under oath by an owner or officer verifying that they meet all of the minimum criteria in subdivision 3 prior to execution of a construction contract with each subcontractor.

FIRST TIER SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company home office is located

*Attach additional sheets as needed for submission of all first-tier subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-1

By signing this document, I certify that I am an owner or officer of the company, and I swear under oath that:

All first-tier subcontractors listed on attachment A-1 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.

Authorized Signature of Owner or Officer:	Printed Name:	
Title:	Date:	
Company Name:		

ATTACHMENT A-2

ADDITIONAL SUBCONTRACTORS LIST

PRIME CONTRACTOR TO SUBMIT AS SUBCONTRACTORS ARE ADDED TO THE PROJECT

Project Name: Danny & Jami Payment Ring Dike

This form must be submitted to the Project Manager or individual as identified in the solicitation document.

Minn. Stat. § 16C.285, Subd. 5. ... If a prime contractor or any subcontractor retains additional subcontractors on the project after submitting its verification of compliance, the prime contractor or subcontractor shall obtain verifications of compliance from each additional subcontractor with which it has a direct contractual relationship and shall submit a supplemental verification confirming compliance with subdivision 3, clause (7), within 14 days of retaining the additional subcontractors. ...

ADDITIONAL SUBCONTRACTOR NAMES* (Legal name of company as registered with the Secretary of State)	Name of city where company home office is located

*Attach additional sheets as needed for submission of all additional subcontractors.

SUPPLEMENTAL CERTIFICATION FOR ATTACHMENT A-2

By signing this document I certify that I am an owner or officer of the company, and I swear under oath that:

All additional subcontractors listed on Attachment A-2 have verified through a signed statement under oath by an owner or officer that they meet the minimum criteria to be a responsible contractor as defined in Minn. Stat. § 16C.285.

Authorized Signature of Owner or Officer:	Printed Name:
Title:	Date:
Company Name:	

PART 2 CONTRACT DOCUMENTS

SECTION 2.1

AGREEMENT

2.1.01 THIS AGREEMENT, made as of the _	day of	,by and between the
Red Lake Watershed District, Thief River Fa	lls, Minnesota, he	ereinafter called the OWNER, and

hereinafter called the CONTRACTOR,

WITNESSETH, that whereas the OWNER intends to construct the Danny & Jami Payment Ring Dike, Section 7, Terrebonne Township, Red Lake County, Minnesota, hereinafter called the PROJECT, in accordance with the Drawings, Specifications, and other Contract Documents prepared by Houston Engineering, Inc., 125 3rd Street East, Thief River Falls, Minnesota.

NOW, THEREFORE, the OWNER and CONTRACTOR for the considerations hereinafter set forth, agree as follows:

2.1.02 THE CONTRACTOR agrees to furnish all the necessary labor, materials, equipment, tools and services necessary to perform and complete in a workmanlike manner all work required for the construction of the PROJECT, in strict compliance with the Contract Documents herein mentioned, which are hereby made a part of the Contract, including the following Addenda:______, and as awarded on the ______day of ______, ____, including items of work, as shown in the schedule of prices bid in the attached Proposal.

- a. <u>Contract Time</u>: If awarded the Contract, the Undersigned agrees to a substantial completion date of **August 23, 2024** and a final completion date of **August 30, 2024**. Construction shall be continuous to complete the project in a timely matter once construction activity is started. The Contractor will be issued A Notice to Proceed by the Owner, controlling the initiation of onsite construction operations. No work shall begin on the construction site prior to issuance of the Notice to Proceed.
- b. <u>Subcontractors</u>: The Contractor agrees to bind every subcontractor by the terms of the Contract Documents. The Contract Documents shall not be construed as creating any contractual relation between any subcontractor and the Owner.
- c. All work required in carrying out this Contract shall be performed in compliance with the laws of the State of Minnesota.

a. <u>Progress Payments</u> will be made in accordance with the General Conditions of the Contract

2.1.04 CONTRACT DOCUMENTS: In the event that any provision of one Contract Document conflicts with the provision of another Contract Document, the provision in that Contract Document first listed below shall govern, except as otherwise specifically stated:

- a. Agreement (this instrument)
- b. Addenda to Contract Documents
- c. Remaining Bidding Documents and Contract Documents
 - 1. Bid Form
 - 2 Information for Bidders
- d. General Requirements
- e. Drawings/Plans
- f. Supplementary Conditions
- g. Modifications of the Standard General Conditions of the Construction Contract
- h. Standard General Conditions of the Construction Contract

2.1.05 SUCCESSORS AND ASSIGNS: This Agreement and all of the covenants hereof shall inure to the benefit of and be binding upon the Owner and the Contractor, respectively, and his partners, successors, assigns and legal representatives. Neither the Owner nor the Contractor shall have the right to assign, transfer or sublet his interests or obligations hereunder without written consent of the other party.

2.1.06 LIQUIDATED DAMAGES: The CONTRACTOR, further agrees that time shall be of the essence in this contract and that if there is a failure to perform any of the work herein described according to the terms of this contract, and within the time limits herein, and according to the plans and specifications, that it shall forfeit and pay to the owner **the daily charge based on the original contract amount and provisions of MnDOT Table 1807-1** for each day that such failure shall continue, and that no extension of the time within which to complete said work shall affect the right of the owner to enforce such forfeiture.

2.1.07 IN WITNESS WHEREOF, the parties have made and executed this Agreement, the day and year first above written.

Red Lake Watershed District	
OWNER	CONTRACTOR
ВҮ:	ВҮ:
TITLE	TITLE
WITNESS	WITNESS



PRODUCER

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) Month/Date/Year

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

	INSURERS	AFFORDING COVERAGE	NAIC #
INSURED	INSURER A:	Name of Insurance Company	Enter NAIC#
	INSURER B:	Name of Insurance Company (if applicable)	Enter NAIC#
	INSURER C:	Name of Insurance Company (if applicable)	Enter NAIC#
	INSURER D:	Name of Insurance Company (if applicable)	Enter NAIC#
	INSURER E:	Name of Insurance Company (if applicable)	Enter NAIC#

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

GENERAL LIABILITY		TYPE OF INSURANCE POLICY NUMBER POLICY EFFECTIVE POLICY EXPIRATION DATE (MM/DD/YY) DATE (MM/DD/YY) LIMITS			
	Enter Policy #	Enter Effective Date	Enter Expiration Date	EACH OCCURENCE DAMAGE TO RENTED	\$
		Date	Date	PREMISES (Ea occurrence)	\$
				PERSONAL & ADV INJURY	\$
				GENERAL AGGREGATE	\$
				PRODUCTS - COMP/OP AGG	\$
					\$
AUTOMOBILE LIABILITY	Enter Policy #	Enter Effective Date	Enter Expiration Date	COMBINED SINGLE LIMIT (Each Occurrence)	\$
ALL OWNED AUTOS				BODILY INJURY (Per person)	\$
HIRED AUTOS				BODILY INJURY (Per accident)	\$
				PROPERTY DAMAGE (Per accident)	\$
GARAGE LIABILITY	Enter Policy # (if	Enter Effective	Enter Expiration	AUTO ONLY - EA ACCIDENT	\$
	required)	Date	Date	OTHER THAN EA ACC	\$
				AGG	\$
	Enter Policy # (if	Enter Effective	Enter Expiration		\$
	required)	Date	Date	AGGREGATE	\$
					\$
RETENTION \$Enter Amount					\$
					\$
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	Enter Policy #	Enter Effective	Enter Expiration	WC STATU- TORY LIMITS CTH- ER	
ANY PROPRIETOR/PARTNER/EXECU-		Date D	Date	E.L. EACH ACCIDENT	\$
If yes, describe under				E.L. DISEASE - EA EMPLOYEE	\$
SPECIAL PROVISIONS below				E.L. DISEASE - POLICY LIMIT	\$
OTHER	Enter Policy #	Enter Effective Date	Enter Expiration Date	EACH OCCURRENCE	\$
	GEN'L AGGREGATE LIMIT APPLIES PER: GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PROJECT LOC AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS HIRED AUTOS ANY AUTO CARAGE LIABILITY ANY AUTO CARAGE LIABILITY ANY AUTO DEDUCTIBLE RETENTION \$Enter Amount WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECU- TIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	□ □ GEN'L AGGREGATE LIMIT APPLIES PER: ○ POLICY □ PROJECT □ □ □ ANY AUTO □ ALL OWNED AUTOS □ SCHEDULED AUTOS □ HIRED AUTOS □ NON-OWNED AUTOS □ Enter Policy # □ GARAGE LIABILITY □ ANY AUTO □ Enter Policy # (if required) □ CLAIMS MADE □ DEDUCTIBLE □ CLAIMS MADE □ DEDUCTIBLE □ Enter Policy # (if required) □ CLAIMS MADE □ DEDUCTIBLE □ RETENTION \$Enter Amount WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Enter Policy # □ NAY PROPRIETOR/PARTNER/EXECU-TIVE OFFICER/MEMBER EXCLUDED? T/Yes, describe under SPECIAL PROVISIONS below	□	□	Image: Solution of the person is a solutis a solution of the person is a solution

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

Danny & Jami Payment Ring Dike Project. The Red Lake River Watershed District, Houston Engineering, Inc., including their agencies, officers, directors, partners, employees, agents, consultants and subcontractors are included as additional insureds on the Commercial General Liability and Excess/Umbrella Liability policies. Unless precluded by law, all policies waive the right to recovery or subrogation against the Red Lake Watershed District, and Houston Engineering, Inc.

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE
Red Lake Watershed District	EXPIRATION DATE THEREOF, THE INSURER AFFORDING COVERAGE WILL ENDEAVOR TO
1000 Pennington Ave. S Thief River Falls, MN 56701	MAIL $\underline{30}$ DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT
Thiel River Fails, Min 50/01	FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE
Houston Engineering, Inc.	INSURER, ITS AGENTS OR REPRESENTATIVES.
125 3 rd Street East	AUTHORIZED REPRESENTATIVE
Thief River Falls, MN	
,	

IMPORTANT

If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

DISCLAIMER

The Certificate of Insurance on the reverse side of this form does not constitute a contact between the issuing insurer(s), authorized representative or producer, and the certificate holder, nor does it affirmatively or negatively amend, extend or alter the coverage afforded by the policies listed thereon.

SECTION 2.3

NOTICE TO PROCEED

TO:_____

DATE:_____

PROJECT: Danny & Jami Payment Ring Dike

You are hereby notified to commence WORK in accordance with the CONTRACT dated ______, on or before ______, and you are to complete the WORK, with a substantial completion date of **August 23**, **2024** and a final completion date including maintenance, no later than **August 30**, **2024**.

You are required to return an acknowledged copy of this NOTICE TO PROCEED to the:

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

Red Lake Watershed District

(Owner)

Ву_____

(Title)

ACCEPTANCE OF NOTICE

_____·

Receipt of the NOTICE TO PROCEED is hereby acknowledged: this _____, day of _____,

Ву_____

(Title)

DEPARTMENT OF REVENUE

Contractor Affidavit

This Contractor Affidavit must be certified by the Minnesota Department of Revenue before the state of Minnesota or any of its subdivisions can make final payment to contractors. For more detailed information, see the instructions on the back of this form.

Please type or print clearly. This information will be used for returning the completed form.

Company name		Daytime phone	Minnesota tax ID number
Address		Total contract amount	Month/year work began
City 	State ZIP code	\$ Amount still due \$ \$	Month/year work ended
Project number	Project location		
Project owner	Address	City	State ZIP code
Did you have employees work o	on this project? Yes No.	. If no, who did the work?	
Check the box that descr	ibes your involvement in the p	project and fill in all information requested.	
Sole contractor			
Name of contractor who	hired you		
Address			
and have them cert	ified by the Department of Rev	evenue before you can submit your Contracto	ors must submit their own Contractor Affidavits or Affidavit. For each subcontractor you had, fill avit. If you need more space, attach a separate
Business name	Address		Owner/Officer
			authorize the Department of Revenue to disclose pertinent or, and to any subcontractors if I am a prime contractor, and
Contractor's signature		Title	Date
Mail to: Minnesota Re Phone: 651-282-9999	evenue, Mail Station 6610, S or 1-800-657-3594	St. Paul, MN 55146-6610	
Certificate of Cor	mpliance		
fulfilled all the require	ements of Minnesota Statutes 2	Revenue, I certify that the contractor who ha 290.92 and 270C.66 concerning the withhol the state of Minnesota and/or its subdivisio	lding of Minnesota income tax from wages
Department of Reven	ue approval		Date

Department of Revenue approval

DEPARTMENT OF NATURAL RESOURCES

a. Inadequate

vegetation

c. Obstructions

3.Embankment a. Settlement or

cracking b. Erosion

c. Seepage

d. Animal burrows

e. Inadequate

b. Erosion, rills, gullies

DAM INSPECTION REPORT Minnesota Department of Natural Resources

Dam	Safety
-----	--------

Dam Name:	Schir	rick Dan	n		Dam NID:	MN00971			
Date Inspected: June 13, 2023		Inspectors:	Inspectors: Jason Boyle	e					
Owner:	Red L	_ake Wa	itershed Dis	strict	County: Red Lake				
Overall Condition: Satisfactory				Dam Hazard Rating: Significant (Class II)					
				//					
If feature deficiency	is not	a conce	ern check tr	ne "None" bo	x. E.g. minor d	amount of r	ust.		
Fastura		A	Action Requ	uired	Commonto				
Feature	1	Repair	Monitor	None	Comments				
1. Principal spillway	,								
a. Description		Stoplog controlled runout with tall gates downstream of drop inlet, flowing into partially of box culvert				drop inlet, flowing into partially open			
b. Cracks, spalls, ru other deteriorat				х					
c. Differential settlement				х	ININOR debris against runout		•		
d. Obstruction, deb	oris			х			bent on the bottom and the bottom		
e. Leaks				х			g not fully attached		
f. Gates			х						
2. Emergency spillw	av								

х

х

х

х

х

х

х

•	No	issues

 Settlement of embankment above box culvert spillwater

•	Animal	trails o	n dam	could	lead to	erosion

•	Small trees and brush adjacent to the concrete spillway
	should be removed while they are still small (both
	upstream and downstream)

vegetation	X		
f. Trees, brush, etc.	x		
4.Reservoir			
a. Embankment shoreline		x	Woody driftwood debris around riser indicates recent
b. Debris		х	high water event
5. Outlet Works			
a. Drains		х	• Low tailwater, drains appear dry though they are just
b. Riprap		х	above the tailwater
c. Plunge Pool		х	 Heavy riprap for much of channel downstream

Notes: Bottom of both gates are bent. Remove trees and bushes near concrete spillway. Limit animal grazing and fill/reseed animal trails. Monitor settlement.



Photos 1 and 2: Control section



Photos 3 and 4: Bottom of gates



Photos 5 and 6: Trees and brush near concrete spillway to be removed



Photo 7: Animal trail to repair/monitor



Photo 8: Emergency spillway



Photo 9: Riprapped downstream channel

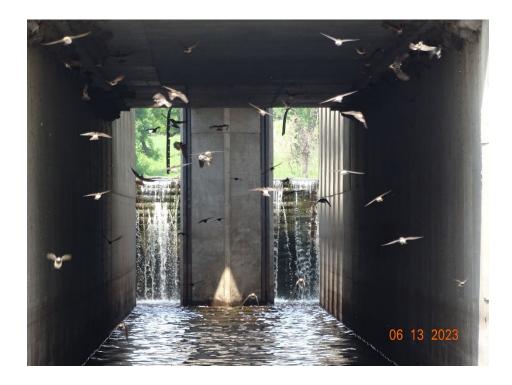


Photo 10: Looking upstream into box culvert



Photo 11: Monitor settlement of crest directly above the box culvert

Quality Spray Feam LLC/DBA Anderson Excavating

PO Box 53 Kelliher, MN 56650 US 218-689-6302 andrewaanderson@live.com

Estimate

RECEIVED

ADDRESS

Red Lake Watershed District 1000 Pennington Avenue South Thief River Falls, MN 56701

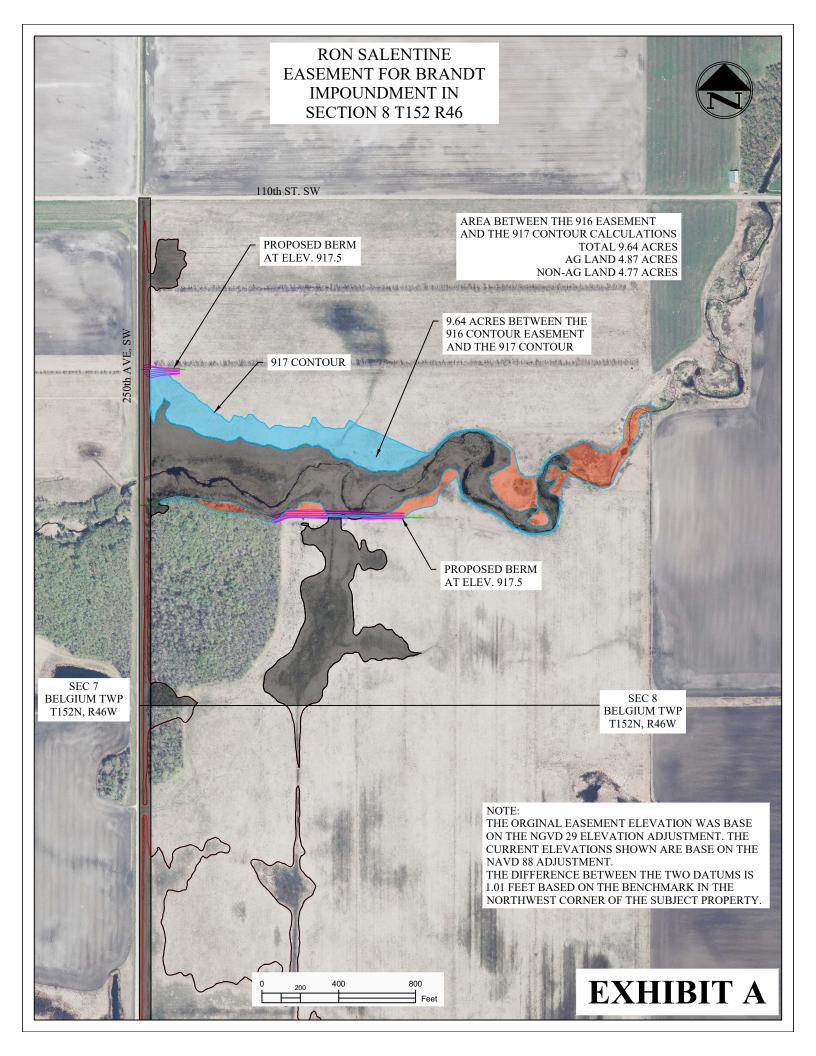
MAR 27 2024 Initial:

ESTIMATE # 1095 DATE 03/27/2024

TY DESCRIP	PTION	QTY	RATE	AMOUNT	
Remove	stumps, reshape dike	1	0.00	0.00	
nent used Track Ho	be	1	2,200.00	2,200.00	
nent used Dozer		1	1,800.00	1,800.00	
e Mobiliza	tion	1	500.00	500.00	
e Seeding		1	500.00	500.00	
	SUBTOTAL			5,000.00	
	TAX TOTAL		\$5 ,	0.00 00.000,	
	e BRAND Remove and see nent used Track He nent used Dozer e Mobiliza	BRANDT IMPOUNDMENT Remove stumps, reshape dike and seed disturbed areas. Track Hoe Dozer Mobilization Seeding SUBTOTAL TAX	 BRANDT IMPOUNDMENT 1 Remove stumps, reshape dike and seed disturbed areas. Track Hoe 1 Dozer 1 Mobilization 1 Seeding 1 	BRANDT IMPOUNDMENT 1 0.00 Remove stumps, reshape dike and seed disturbed areas. 1 2,200.00 ment used Track Hoe 1 2,200.00 ment used Dozer 1 1,800.00 Mobilization 1 500.00 Seeding 1 500.00	BRANDT IMPOUNDMENT Remove stumps, reshape dike and seed disturbed areas.10.000.00nent usedTrack Hoe12,200.002,200.00nent usedDozer11,800.001,800.00Mobilization1500.00500.00Seeding1500.00500.00XSUBTOTAL5,000.00TAX0.00

Accepted By

Accepted Date







Red River Watershed Management Board

Date: March 14, 2024

To: Member Watershed Districts

From: Robert Sip, Executive Director

Subject: Cost share payments due for USGS Stream Gages

Enclosed please find documentation regarding the cost share payments due for USGS stream gages. The cost share time period is for the operation of gages from October 1, 2023 through September 30, 2024 (FY24).

The RRWMB has renewed the contract and will be paying USGS both the RRWMB match as well as the share for each member district. The RRWMB is requesting each district to remit their respective amounts as per the enclosed memo for 2023-2024.

Please remit payment to the RRWMB at 11 5th Ave E Ste B, Ada, MN 56510. Should you have any questions, please contact me at the number listed below. Thank you.

RLWD- \$11,935.00

WRWD-\$13,279.00

MSTRWD-\$9,490.00

TRWD-\$2,399.00

RRWD-\$11,859.00

RECEIVED

MAR 1 8 2024

Initial:

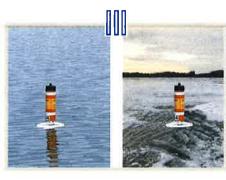
11 5th Ave E Ste B Ada, MN 56510 www.rrwmb.us • PH: (218) 784-9500 • FAX: (218) 784-9502

LAKESCOUT BY WINTER RECREATION TECHNOLOGIES LLC

HOW IT WORKS



- LAKESCOUT is installed like a buoy. Place the anchor at the bottom of the lake and turn on the power switch. LAKESCOUT can also be deployed in the winter by cutting a hole in the ice and dropping it in place.
- WINITEB BICCEPATION
- Once installed, LAKESCOUT takes measurements every 12 hours and transmits data wirelessly to an online portal. View the data remotely on a computer or mobile device.



The device is highly reflective and easily visible, and it can be recharged and used in all seasons. Access to the data can easily be shared with others if you choose.



At Winter Recreation Technologies, we use the most current technologies to develop products that give you better insights into outdoor conditions and the ability to monitor changes remotely and in real-time. WRT is proudly located in Richmond, Minnesota.

WINTER RECREATION TECHNOLOGIES

LAKE LIFE JUST GOT EVEN BETTER.

Monitor your favorite fishing hole from anywhere, anytime with LAKESCOUT™.

Check on your favorite water body from the comfort of your home or office. With LAKESCOUT, outdoor enthusiasts of all kinds can monitor water bodies remotely from anywhere you have an internet connection.

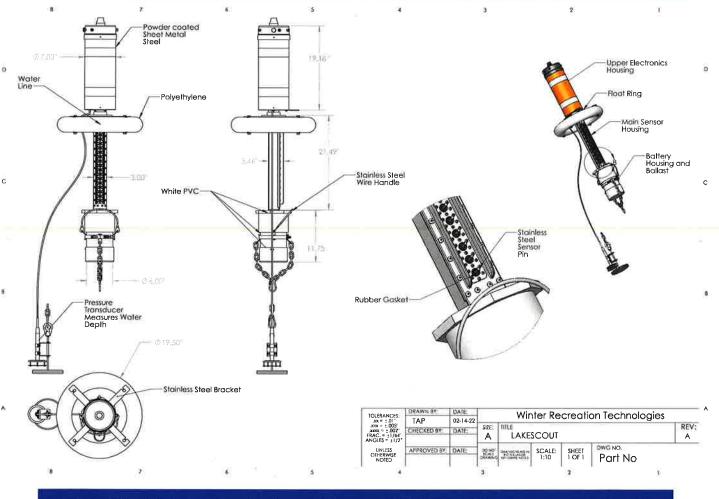
LAKESCOUT is a data buoy capable of year-round operation in the harshest of conditions. The water monitor is easy to deploy and can be used year-round. Get updates and insights on lake water elevation, water and ice temperature, and even ice thickness – all while saving drive time and miles!



SPECIFICATION SUMMARY_

- Ice Thickness: 2-16 inches in 2-inch increments (standard) or 1-16 inches in 1-inch increments (option)
- Water Elevation: Measurement over a 7-foot span with .01-foot resolution and +/- .04foot accuracy. Either NAVD88 or NGVD29 vertical datums may be used
- Water/Ice temperature measurement: -12 to 90 degrees Fahrenheit with 0.01-degree resolution and +/- 0.2-degree accuracy
- Ambient temperature measurement: -40 to 110 degrees Fahrenheit with 0.01-degree resolution and +/- 0.5-degree accuracy
- Open water: Integrated floatation assembly allows deployment as a traditional buoy (anchor attachment provided)
- · In ice: Drill a 10-inch hole and drop LAKESCOUT in
- 24 AH rechargeable battery with 6+ months of battery life
- Cellular LTE CAT M network connectivity
- \cdot Web-based portal for device management and data viewing

DIMENSIONS_

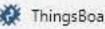


Enjoy lake life like never before. Order your LAKESCOUT water monitor today by emailing info@winrectech.com or calling 612-229-3941. Find us at www.winrectech.com.

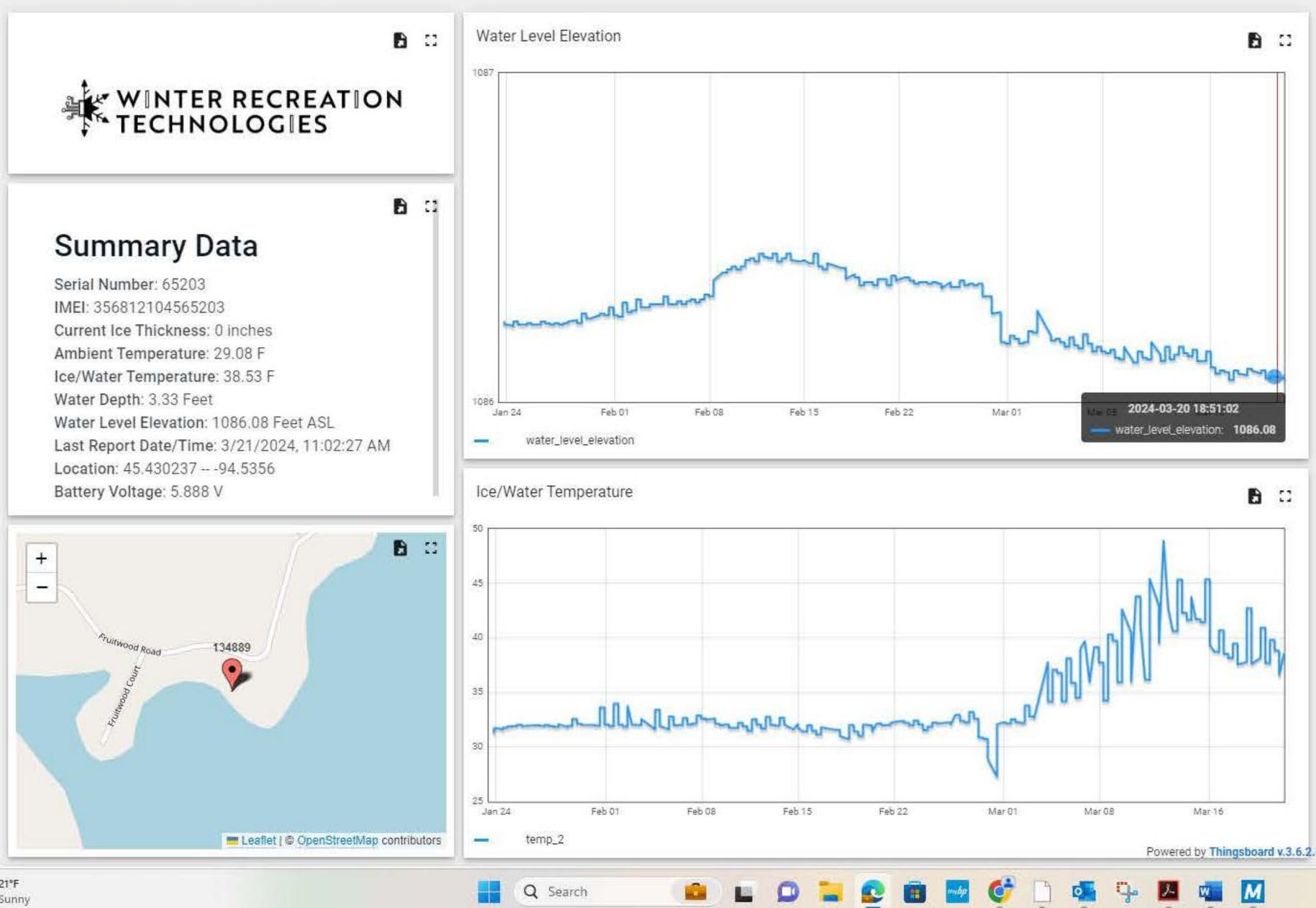
No ice is ever completely safe. This device is meant to provide information as to the possible thickness of the ice that exists only where the unit is located. Winter Recreation Technologies LLC makes no warranties, express or implied, as to the ability of this product to determine whether any ice surface is safe to be entered upon by the user. Any act or failure to act based on a reading from this product shall be at the user's own risk.







134889 Horseshoe Lake Elevation



O

C

🗱 ThingsBoard Cloud | Dashboard

Powered by Thingsboard v.3.6.2.3PAAS

Tony Olson

From: Sent: To: Subject: Steve Weeres <steveweeres@winrectech.com> Wednesday, February 7, 2024 10:25 PM Tony Olson Re: Lake Scout

Tony,

Hello, thanks for reaching out with your inquiry on LAKESCOUT, by Winter Recreation Technologies.

The LAKESCOUT data buoy is a stand alone device that makes measurements and transmits the data over the local cellular network. LAKESCOUT has a cellular modem built in and includes its own cellular data plan and internet access. There is no need for the user to provide any additional equipment.

The cost of the LAKESCOUT unit equipped with sensors for water temperature and lake elevation monitoring is \$5995. Taxes and shipping are extra. I assume your organization would be tax exempt. The first year of the data service (cellular data plan and internet access) is included. After the first year, the renewal is \$480 per year. I will follow up with a formal written quote next week.

Once the unit is installed, a link to the on-line portal is provided to view the real-time data. The link is private and is controlled by the owner of the unit.

I can give you a call Friday to address any additional questions you may have, and also to learn more about your application. Thanks again for your inquiry.

Best Regards, Steve Weeres Winter Recreation Technologies 612-229-3941

www.winrectech.com

On Wed, Feb 7, 2024 at 12:12 PM Tony Olson <<u>tony.olson@redlakewatershed.org</u>> wrote:

Steve, my name is Tony Olson and I work for the Red Lake Watershed District in Thief River Falls, MN. I received your email from a co-worker, Corey Hanson, who spoke with you recently at the Watershed Conference.

We have a location that we monitor lake levels at that I think something like your lake scout would be a good candidate for. I seen on the brochure that it needs internet service. What are the options for getting service to it? Can we assign a service through a cell provider, and we hook it up to a MIFI card we would get from them? Also pricing options would be helpful for me to show the Board.

Thanks

Tony Olson

Red Lake Watershed District

Engineering Specialist

Office 218-681-5800

Tony Olson

From: Sent: To: Subject: Tony Olson Thursday, March 7, 2024 3:57 PM Tammy Audette FW: Sauk River Chain of Lakes Association Introduction

Tony Olson Red Lake Watershed District Engineering Specialist Office 218-681-5800

From: Brad Matuska <bradmatuska@gmail.com> Sent: Thursday, March 7, 2024 3:50 PM To: Tony Olson <tony.olson@redlakewatershed.org> Subject: Re: Sauk River Chain of Lakes Association Introduction

Hi Tony,

Thanks for the note. It sounds like a good application. The unit gives real-time data and is posted on our <u>website</u> as a resource for our stakeholders. There are other manual gauges too, and we found the data to be comparable. We find it to very accurate and dependable. I'd highly recommend it.

Hope this helps.

Brad

On Wed, Mar 6, 2024 at 3:20 PM Tony Olson <tony.olson@redlakewatershed.org> wrote:

Hello Brad. Sorry for the late reply, and also thank you for reaching out.

I work for the Red Lake Watershed District in Thief River Falls MN and we have a location where I think the Lake Scout is a prime candidate and was looking for some feedback from someone who has some experience with the unit itself that I can share with our Board of Managers.

Our location is Pine Lake just South of Gonvick MN it is a location along the Lost River where we are able to store some water to help with downstream flooding. We don't have a very big tolerance at this location from our summer to winter levels and two years ago there was a new structure put in the outlet end of the lake to help us better control water levels with in the lake, and we are constantly running down to the area to check on levels to make sure we are not going to flood any cabins out in the spring and also store enough water in the summer for recreational uses. We have a location in mind that would be out in front of a year-round tenant that has worked with us in the past, so I am not to concerned about vandalism, but would like to know how accurate and reliable this unit is as I am sure the Board members will have a few questions about it.

Any information you are able to share would be greatly appreciated.

Thanks

Tony Olson

Red Lake Watershed District

Engineering Specialist

Office 218-681-5800

From: Brad Matuska <<u>bradmatuska@gmail.com</u>> Sent: Sunday, March 3, 2024 9:19 AM To: Steve Weeres <<u>steveweeres@winrectech.com</u>> Cc: Tony Olson <<u>tony.olson@redlakewatershed.org</u>> Subject: Re: Sauk River Chain of Lakes Association Introduction

Thanks Steve, and it's a pleasure to virtually meet you Tony. Please let me know if you'd like to have a discussion.

Regards,

On Thu, Feb 29, 2024 at 8:05 PM Steve Weeres <steveweeres@winrectech.com> wrote:

Tony,

I would like to introduce you to Brad Matuska. He is the President of the Sauk River Chain of Lakes Association. The Association utilizes the LAKESCOUT buoy for water level elevation and water temperature monitoring. He can provide the Association perspective on real-time lake level monitoring and answer any questions.

I will let you two coordinate a time for a discussion.

Thanks,

Steve Weeres

-

Brad Matuska

President

Sauk River Chain of Lakes Association

srcl.org

--

Brad Matuska President Sauk River Chain of Lakes Association srcl.org



Winter Recreation Technologies LLC 20769 Fruitwood Road Richmond, MN 56368

Tel: (612) 229-3941

www.winrectech.com

Quotation For: Tony Olson Red Lake Watershed District 1000 Pennington Ave S. Thief River Falls, MN 56701 Project: LAKESCOUT Buoy

Quotation

Date:	2/19/2024
Quotation #:	1040
Quote Expires:	4/1/2024

Account Manager: Steve Weeres Tel: 612-229-3941 Steve.weeres@winrectech.com

Conditions:

Payment Requirements	Payment Terms	Shipping Cost
50% down/50% on delivery	10 days after invoice date	Customer Paid

ltem	DESCRIPTION	Quantity	Unit Price	Taxible	PRICE EA.
1	LAKESCOUT Data Buoy	1	\$5,995	No	\$5,995
	Bouy with water level monitoring				
	Nominal installed water depth; 4 feet				
	Nominal depth variation; +/- 2 feet				
	Elevation measurement range: 1281 to 1285 feet				
2	LAKESCOUT Data Buoy	1	\$6,995	No	\$6,995
	Buoy with dissolved oxygen monitoring				
_	Measurement range; 0 - 20 mg/l				
3	Delivery				
	Units will be delivered to the install location	1	\$300	No	\$300
	Training and installation included				
4	Data Services Subscription Renewal	1	\$480	No	\$480
	Subscription per buoy				
	12 month annual operation assumed				
	Cost can be prorated based on planned usage				
-					

Notes:

All units include ambient and water temperature measurment standard

First year of Data Services included with purchase

Sales tax exemption documentation to be provided by the customer



Permit # 23-169

Applicant Information

Name	10.00	Organization	Address	Email	Phone Numb	
	zke Irrevocable	organization	PO Box 204 Goodridge, MN 56725		tel:218-686-766 mobile: fax:	
General	Information					
.,	osed project is a: allation / Removal /	Modification				
(2) Legal De	scription					
		Moylan Range: 40 Section:	10 1/4:			
(4) Describe	in detail the work to	be performed. add culvert a	across road			
(5) Why is th	is work necessary? I	Explain water related issue/r	problem being solved. excess water	r on field		
	,, ,		broblem being solved. excess water	on heid		
Status Status	Notes		Jobiem being solved. excess water	on neu	D	ate
Status	Notes P.A. #23-169 – H Watershed Distri the same flow lin Right-of-Way, ap specs/conditions Applicant shall e riprap with filter Soil and Water C the permit applic	oward and Janet Harzke Ir ict (RLWD) approves insta le/invert elevation at curre plicant shall contact the a s. **Permit Holder shall co nsure that all disturbed ar fabric is placed at the tile/o onservation District (SWC	revocable Trust Marshall County Illing a 20" pipeline culvert for an ant ditch elevation. If any work is w ppropriate road/ditch authority for ntact the road authorities when c reas are seeded with appropriate culvert outlets. Prior to any work, CD) office to inquire about possible deral authority that might require	- Moylan Township - Section 10 Th additional option for drainage. Set within a public road and/or public di or their approval and must meet thei utting through roads when applicat seed mixture and that consideration we also recommend that you conta e wetland concerns. This permit do their approval. Applicant is respon	he Red Lake new pipe at itch ir ble.** n for rock act your local bes not exempt	ate arch 25, 2024
Status Status	NotesP.A. #23-169 – HWatershed Distrithe same flow linRight-of-Way, apspecs/conditionsApplicant shall eriprap with filterSoil and Water Cthe permit applicutility locates byP.A. #23-169 – H	oward and Janet Harzke Ir ct (RLWD) approves insta ie/invert elevation at curre plicant shall contact the a s. **Permit Holder shall co insure that all disturbed ar fabric is placed at the tile/v onservation District (SWC cant from local, state, or fe calling Gopher 1. (1-800-2 oward and Janet Harzke Ir ct (RLWD) Tabled due to M	revocable Trust Marshall County Iling a 20" pipeline culvert for an ont ditch elevation. If any work is w ppropriate road/ditch authority for ntact the road authorities when cu reas are seeded with appropriate culvert outlets. Prior to any work, CD) office to inquire about possible deral authority that might require 252-1166) T.O. revocable Trust Marshall County	 Moylan Township – Section 10 Th additional option for drainage. Set within a public road and/or public di or their approval and must meet thei utting through roads when applicat seed mixture and that consideration we also recommend that you conta e wetland concerns. This permit do 	he Red Lake new pipe at itch ir ble.** n for rock act your local bes not exempt nsible for I Lake	

Conditions



Permit # 23-170

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Howard Harzke Irrevocable Trust		PO Box 204 Goodridge, MN 56725		tel:218-686-7663 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

(3) County: Marshall Township: Moylan Range: 40 Section: 10 1/4:

(4) Describe in detail the work to be performed. add additional culvert across road

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

Status

Status	Notes	Date
Approved	P.A. #23-170 – Howard and Janet Harzke Irrevocable Trust Marshall County – Moylan Township – Section 10 The Red Lake Watershed District (RLWD) approves installing a 20" pipeline culvert for an additional option for drainage. Set new pipe at the same flow line/invert elevation at current ditch elevation. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. **Permit Holder shall contact the road authorities when cutting through roads when applicable.** Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture and that consideration for rock riprap with filter fabric is placed at the tile/culvert outlets. Prior to any work, we also recommend that you contact your local Soil and Water Conservation District (SWCD) office to inquire about possible wetland concerns. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166)	March 25, 2024
Fabled	P.A. #23-170 – Howard and Janet Harzke Irrevocable Trust Marshall County – Moylan Township Section 34 Red Lake Watershed District (RLWD) Tabled due to Marshall County SWCD wanting the landowner to fill out a Wetland Conservation Certification Form AD-1026. T.O.	Oct. 12, 2023
Received	None	Sept. 12, 2023

Conditions



Name	Organization	Address	Email	Phone Number(s)
Bruce Stromstad		27498 455th St SW Beltrami, MN 56517		tel: 218-280-1306 mobile: fax:

General Information

(1) The proposed project is a:

Other

(2) Legal Description

(3) County: Polk Township: Kertsonville Range: 45 Section: 20 1/4:

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

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

Status

Status	Notes	Date
Approved	P.A. #24-008 – Bruce Stromstad Polk County – Kertsonville Township – Section 20 The Red Lake Watershed District (RLWD) approves to have a ditch cleaned in the middle of section 20 for ¾ of a mile north from 320th St SW. Applicant will take all spoil onto his land All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	March 25, 2024
Tabled	P.A. #24-00/8 – Bruce Stromstad Polk County – Kertsonville Township – Section 20 The Red Lake Watershed District (RLWD) Will table this permit due to needing to hear back from The Nature Conservancy as they are a neighboring land owner. T.O.	March 11, 2024
Received	None	Jan. 18, 2024

Conditions



March 20, 2024

Feb. 26, 2024

Applicant Information

Approved

Received

Conditions

None

Gopher 1. (1-800-252-1166) T.O.

Name		Organization	Address	Email Phone	Number(s)
Darin Carlstro	m	Polk County Highway Dept	820 Old Hwy 75 South Crookston, MN 56716	tel: 218-2 mobile: fax:	81-3952
General	nformation				
(1) The propos	ed project is a:				
Culvert Instal	ation / Removal / N	Nodification			
(2) Legal Desc	ription				
(3) County: Po	lk Township: Brand	svold Range: 40 Section: 1/4			
(4) Describe in	detail the work to be	e performed. remove 2-line CSP	. Install 10 x 4 PCC Box & Apro	ns	
(5) Why is this	work necessary? Ex	xplain water related issue/problem	n being solved. existing structure	e is hydraulically deficient	
Status					
Status	Notes		Contraction of the second s	and the second	Date
	Watershed Distric Attached Plans). C	t (RLWD) approves to replace a County Engineer states that the	a 42" and 36" CSP and install a sizing of culverts/bridges is ne	ownship – Section 11/12 The Red Lake 10'X4' Box culvert with aprons. (See ecessary to meet both state aid standards dway. Approval is based on a case study th	nat

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.

Road Design/Road Safety is allowed to increase culvert/bridge sizes with the Road Authority being held responsible for all

hearing to address any landowner concerns. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the project outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant is responsible for utility locates by calling

issues that would stem from increasing a culvert/bridge size. Red Lake Watershed District recommends having a public



Permit # 24-010

Applicant Information

Name	Organization	Address	Email	Phone Number(s)
Darin Carlstrom	Polk County Highway Dept	820 Old Hwy 75 South Crookston, MN 56716		tel: 218-281-3952 mobile: fax:

General Information

(1) The proposed project is a:

Culvert Installation / Removal / Modification

(2) Legal Description

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

(4) Describe in detail the work to be performed. remove and replace culverts

(5) Why is this work necessary? Explain water related issue/problem being solved. existing structures are hydraulically deficient

Status

Status	Notes	Date
Approved	P.A. #24-010 – Darin Carlstrom/Polk Co. Hwy. Dept. Polk County – Russia Township – Section 13 The Red Lake Watershed District (RLWD) approves to replace (2) lines of 60" RCP with a 12'X5' box culvert with aprons. (See Attached Plans). County Engineer states that the sizing of culverts/bridges is necessary to meet both state aid standards and MNDOT design standards to address headwater and overtopping of the roadway. Approval is based on a case study that Road Design/Road Safety is allowed to increase culvert/bridge sizes with the Road Authority being held responsible for all issues that would stem from increasing a culvert/bridge size. Red Lake Watershed District recommends having a public hearing to address any landowner concerns. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. Directly downstream of the project outlet, applicant shall ensure that adequate grade and drainage is provided. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	March 20, 2024
Received	None	Feb. 26, 2024

Conditions



Permit # 24-011

Applicant Information

Name		Organization	Address	Email Phone	Number(s)
Richard Sar	ıders	Polk County Highway Dept	820 Old Hwy 75 South Crookston, MN 56716	tel: 218-2 mobile: fax:	31-3952
General	Information	<u>.</u>			
(1) The prop	osed project is a:				
Bridge Insta	Ilation / Removal / I	Modification			
(2) Legal Des	scription				
(3) County: P	olk Township: Colu	mbia Range: 39 Section: 30 1/4	4		
(4) Describe	in detail the work to b	be performed. remove deficient	t bridge over the BNSF Railway		
	is work necessary? E	Explain water related issue/probl	lem being solved. existing bridge is	s structurally deficient	
(5) Why is thi Status Status	is work necessary? E	Explain water related issue/probl	lem being solved. existing bridge is	s structurally deficient	Date
Status	Notes P.A. #24-011 – Ri District (RLWD) a County Engineer standards to add Safety is allowed stem from increal landowner concer appropriate road road authorities	ich Sanders Polk Co. Hwy. Dep approves to replace a deficien states that the sizing of culve lress headwater and overtoppi l to increase culvert/bridge siz using a culvert/bridge size. Rec arns. If any work is within a pu /ditch authority for their appro- when cutting through roads w uate grade and drainage is pro-	pt. Polk County – Columbia Town t bridge (#L7619) with a new clea erts/bridges is necessary to meet ing of the roadway. Approval is b tes with the Road Authority being d Lake Watershed District recomm this road and/or public ditch Righ oval and must meet their specs/co then applicable. Directly downstro	s structurally deficient ship – Section 30 The Red Lake Watershed span bridge (#60570). (See Attached Plans both state aid standards and MNDOT desig ased on a case study that Road Design/Roa held responsible for all issues that would nends having a public hearing to address a it-of-Way, applicant shall contact the ponditions. Permit Holder shall contact the eam of the project outlet, applicant shall for utility locates by calling Gopher 1.). n d

Conditions



Name	Organization	Address	Email	Phone Number(s)
Randy Lee		20717 310th St SE Erskine , MN 56535		tel: 218-686-6011 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: 21 1/4:

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

(5) Why is this work necessary? Explain water related issue/problem being solved. ditch has filled with sediment

Status

Status	Notes	Date
Approved	P.A. #24-012 – Randy Lee Polk County – Badger Township – Section 21 The Red Lake Watershed District (RLWD) approves to clean a portion of ditch located on the west side of 210th Ave SE, on the Eastern side of section 21. All excavation shall be consistent with the existing road and ditch slopes and there shall be no vertical excavation faces. Current flow patterns shall remain "as-is" and there shall be no additional drainage area or flows from the adjacent agriculture land routed to the ditch. Applicant shall ensure that all disturbed areas are seeded with appropriate seed mixture. If any work is within a public road and/or public ditch Right-of-Way, applicant shall contact the appropriate road/ditch authority for their approval and must meet their specs/conditions. Permit Holder shall contact the road authorities when cutting through roads when applicable. This permit does not exempt the permit applicant from local, state, or federal authority that might require their approval. Applicant is responsible for utility locates by calling Gopher 1. (1-800-252-1166) T.O.	
Received	None	March 4, 2024

Conditions



Name		Organization	Address	Email Phone	Number(s)
Randy Lee			20711 310th St SE Erskine, MN 56535	tel: 218- mobile: fax:	86-6011
Genera	I Information				
1) The prop	osed project is a:				
Culvert Inst	allation / Removal /	Modification			
(2) Legal De	scription				
3) County: F	Polk Township: Badg	Jer Range: 42 Section: 4 1/	/4:		
A D					
		be performed. install culve Explain water related issue/	ert for approach into lot /problem being solved. there is curre	ntly no access into property	
				ntly no access into property	Date
(5) Why is th Status	Notes P.A. #24-013 – R install a 72" culv the current ditch flows from the ac appropriate seed culverts. If any w road/ditch author when cutting thre and drainage is p	Explain water related issue/ andy Lee Polk County – B ert (or equivalent arch pir flow line and current flow djacent agriculture land ro mixture and that conside ork is within a public roa- rity for their approval and ough roads when applicator provided. This permit doe	problem being solved. there is curre Badger Township – Section 4 The R pe) for a new field crossing for acc w patterns shall remain "as-is" and outed to the ditch. Applicant shall o eration for rock riprap with filter fal and/or public ditch Right-of-Way i must meet their specs/conditions ble. Directly downstream of the ou	ted Lake Watershed District (RLWD) approves ess to property. New culvert shall be installed there shall be no additional drainage area or ensure that all disturbed areas are seeded wit pric is placed at the outlet end of the permitter applicant shall contact the appropriate . Permit Holder shall contact the road authorit tlet, applicant shall ensure that adequate grad from local, state, or federal authority that mig	to at March 26, 202

Conditions

I, Blan Helthesen would like to have my Plermit # 23-016 Extended fe-Wark to be completed this Summer. i Hollo 5 3-20 RECEIVED MAR 2 0 2024 Initial:



Name	La construction	Organization	Address	Email Phone	Number(s)
Blair Holthu	sen		62497 Hwy 89 NW Grygla, MN 56727	tel: 218- mobile: fax:	689-1447
General	Information			-1	
(1) The prop	osed project is a:		• '		
Culvert Inst	allation / Removal / I	Modification			
(2) Legal De	scription				
(3) County: F	ennington Township	: River Falls Range: 43 Secti	ion: 20 1/4:		
(4) Describe	in detail the work to b	e performed. Install New cros	ssina.		
		- p			
	is work necessary? E:		blem being solved. Need access to	and	
(5) Why is th Status Status	is work necessary? E		T	and	Date
Status	Notes P.A. #23-016 – Bla approval to instal Right-of-Way, app specs/conditions. appropriate erosic permit applicant f	air Holthusen Pennington Co la recommended 18" culver plicant shall contact the appr Permit Holder shall contact on control measures for ene	blem being solved. Need access to ounty – River Falls Township Sect rt for access to property. If any we propriate road/ditch authority for th t the road authorities when cutting ergy dissipation at the outlet of pi authority that might require their a	ion 20 Red Lake Watershed District (RLWD rk is within a public road and/or public dite) :h April 28, 2023
Status Status	Notes P.A. #23-016 – Bla approval to install Right-of-Way, app specs/conditions. appropriate erosic permit applicant f locates by calling P.A. #23-016 – Bla Tabled due to amore	xplain water related issue/prot ir Holthusen Pennington Co la recommended 18" culver licant shall contact the appr Permit Holder shall contact on control measures for ene rom local, state, or federal a Gopher 1. (1-800-252-1166) ir Holthusen Pennington Co	blem being solved. Need access to ounty – River Falls Township Sect rt for access to property. If any wo ropriate road/ditch authority for th t the road authorities when cutting ergy dissipation at the outlet of pin authority that might require their a T.O.	ion 20 Red Lake Watershed District (RLWD rk is within a public road and/or public dito eir approval and must meet their htrough roads. Applicant shall install res. This application does not exempt the) :h April 28, 2023

Conditions

Applicant would like to extend this permit for an additional year.

Permit # 23-016 Extension Rev Blace Iklithesen

Administrator's Report

March 14, 2024

Clearwater River 1W1P: I participated in the March 27, 2024 Clearwater River 1W1P Policy Committee meeting held at the District office.

Turtle Connection Cross Project Team Meeting: We have scheduled a Turtle Connection Cross Project Team meeting for Friday, April 19, 2024 at 9:00 a.m. at the Garden Valley building in Erskine.

Chiefs Coulee: I was informed that the District will receive \$106,000 from the MnDNR Flood Hazard Mitigation grant program. The District needs to prepare some additional information and have the Board pass a resolution. We will have that information ready for the April 11, 2024 Board meeting.

State Ditch 83 Flood Concerns: We met with 3 area landowners concerning the State Ditch 83 flood concerns on Monday, March 23rd. Nate Dalager was unable to attend today's meeting, so we plan to present an update at the April 11, 2024 Board meeting.

Advisory Board meeting: The District held their 2023 Advisory Bboard meeting on March 18th at the District office. We had 4 Board members present and approximately 20 Advisory members present. District staff members did a wonderful job preparing for and presenting at the meeting. We presented 5 questions to the members for feedback. The results are posted on the Board room south wall.

BWSR PRAP: If you haven't done so already, please complete the PRAP survey sent to you by Don Bajumpaa.