



**LE SUEUR COUNTY BOARD OF COMMISSIONERS
MEETING AGENDA
June 6, 2017**

1. **9:00 a.m. Agenda and Consent Agenda**
RE: May 23, 2017 Minutes and Summary Minutes
RE: May 2017 Transfers

2. **9:00 a.m. CIP Public Hearing (15 min)**
RE: 2017 - 2021 CIP

3. **9:15 a.m. Claims (5 min)**

4. **9:20 a.m. Human Services**
RE: Fraud Prevention Contract

5. **9:22 a.m. Pam Simonette, Auditor / Treasurer**
RE: County Credit Card Request for Richard Droog, Sheriff's Office
RE: Repurchase for Theresa Johnson

6. **9:25 a.m. Nik Kadel, Ditch Inspector (15 minutes)**

7. **9:40 a.m. Human Resources (5 minutes)**

8. **9:45 a.m. Amy Beatty (5 minutes)**
RE: Solid Waste Permit Applications

9. **9:50 a.m. Chad Washa (10 min)**
RE: Le Sueur County Fair Proposed Projects

10. **10:00 a.m. German Jefferson Public Hearing (30 min)**
RE: ORDINANCE PROVIDING FOR THE CONTINUOUS COMPLIANCE OF
SUBSURFACE SEWAGE TREATMENT SYSTEMS WITHIN THE GERMAN-
JEFFERSON SUBORDINATE SERVICE DISTRICT

11. **10:30 a.m. Darrell Pettis, County Administrator/Engineer**
RE: MCIT Member Report
RE: CSAH Fund
RE: Transportation Legislative Summary
RE: Highway 2016 Annual Report Approval
RE: CD 54
RE: 2018 Public Transit Grant
RE: Approve Sealcoat Contract
RE: Approve County Paving Contract

12. **Commissioner Committee Reports**

13. **Future Meetings**



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 1

9:00 a.m. Agenda and Consent Agenda

RE: May 23, 2017 Minutes and Summary Minutes

RE: May 2017 Transfers

Staff Contact:

Minutes of Le Sueur County Board of Commissioners Meeting May 23, 2017

The Le Sueur County Board of Commissioners met in regular session on Tuesday, May 23, 2017 at 9:00 a.m. at the Courthouse in Le Center, Minnesota. Those members present were: Steve Rohlfsing, Lance Wetzel, Dave Gliszinski, John King, and Joe Connolly. Brent Christian and Darrell Pettis were also present.

On motion by Connolly, seconded by Wetzel and unanimously approved, the Board approved the agenda.

On motion by Gliszinski, seconded by King and unanimously approved, the Board approved the consent agenda:

- Approved the May 16, 2017 County Board Minutes and Summary Minutes

Kathy Brockway, Planning & Zoning Director appeared before the Board with four items for approval.

On motion by Wetzel, seconded by King and unanimously approved via roll call 5-0, the Board approved a one year extension for an existing Conditional Use Permit #16029 to Le Sun LLC, Mpls, MN (Applicant); Patrick Gregor, Waterville, MN (OWNER) to allow grading, excavating and filling of approximately 49,227 cubic yards of material in order to change the elevation of the site to establish a solar garden in an Agricultural "A" District. Property is located in the SE1/4 of Section 26, Waterville Township. Findings are on file at the Planning and Zoning Office.

On motion by Connolly, seconded by Gliszinski and unanimously approved via roll call 5-0, the Board approved a conditional use permit to Patrick and Randi McCabe, (Applicant/Owner); Cleveland MN, (Owner) to allow the applicant to transfer the development right from the NE1/4 SE1/4 to the SE1/4 SE1/4 in an Agriculture "A" District. Property is located in the in the NE1/4SE1/4, Section 14, Cleveland Township. Findings are on file at the Planning and Zoning Office.

On motion by Wetzel, seconded by Gliszinski and unanimously approved via roll call 5-0, the Board approved a conditional use permit to Mark Volkenant & Deborah Novak, Cleveland, MN, (Applicant/Owner) to allow grading, excavating and filling of 152 cubic yards of material within the bluff, bluff impact zone and shore impact zone for the construction of a new single family dwelling, retaining wall, stairways and a patio in a Recreational Residential "RR" District on a Recreational Development Lake, Lake Jefferson. Property is located at Lot 4, Block 3, Tomahawk Point 2nd Addition, Section 3, Cleveland Township. The application was approved with the following conditions and findings are on file at the Planning and Zoning Office:

- Native vegetation planted to screen the retaining walls to help reduce the visibility of the walls as well as provide increased soil stability.
- Plant bluffs in native vegetation to assist the retaining walls in adding stability to the bluff and prevent future erosion.

On motion by Connolly, seconded by King and unanimously approved via roll call 5-0, the Board approved a Conditional Use Permit to Thomas Tree & Landscape, Mankato, MN, (Applicant); Lyle Jacobson, Kasota, MN; Roselyn Skillman, Scottsdale, AZ; Kuiper Enterprises, Kasota, MN, (Owners) to allow grading, excavating and filling of 302 cubic yards of material for a bluff restoration project in a Recreational Residential "RR" District on a Recreational Development "RD" lake, Lake Washington. Property is located at Tracts A & B, Registered Land Survey #17, & Lots 8, 9, 10, part of Lots 1 & 7, Replat of Sportsmen Haven, Section 18, Kasota Township. The application was approved with the following condition and findings are on file at the Planning and Zoning Office:

- Utilize native vegetation in planting on the bluff to provide both screening and assist in stabilization.

Jeff Neisen, IT Director appeared before the Board with one item for approval.

On motion by Gliszinski, seconded by Connolly and unanimously approved, the Board approved a new copier lease for 39 months with Loffler Toshiba for \$62,926.89.

Cindy Westerhouse, Human Resources Director came before the Board with several items for approval.

On motion by King, seconded by Connolly and unanimously approved, the Board approved to promote Maria Frederick to a full time Child Support Officer in Human Services, as a Grade 7, Step 1 at \$19.00 per hour effective August 2017.

On motion by Gliszinski, seconded by Connolly and unanimously approved, the Board approved to post and request merit list for a full time Support Enforcement Aide in Human Services, a Grade 5, Step 1 at \$16.92.

Darrell Pettis, County Administrator appeared before the Board with several items for discussion and approval.

Bids for Le Sueur County Projects SAP 040-030-012 and CP 2117 were received by:

ASTECH	\$1,228,503.49
Pearson Bros.	\$1,319,191.70

On motion by King, seconded by Wetzel and unanimously approved, the Board approved the sealcoat bid from ASTECH in the amount of \$1,228,503.49.

Bids for 2017 Countywide Striping were received from:

AAA Striping	\$140,772.24
Traffic Marketing	\$141,189.93

On motion by Gliszinski, seconded by Connolly and unanimously approved, the Board approved the striping bid from AAA Striping in the amount of \$140,772.24.

Bids were received for Le Sueur County Projects SAP 040-603-026, SAP 040-603-028, SAP 040-612-009, SAP 040-626-045, SAP 040-661-002 and CP 1712 from:

Crane Creek Asphalt	\$3,925,444.38
SMC	\$4,239,794.85
Wm Mueller & Sons	\$3,739,163.21

On motion by Wetzel, seconded by King and unanimously approved, the Board approved the bituminous paving bid from Wm Mueller & Sons in the amount of \$3,739,163.21.

Bids for the Le Sueur County Highway Maintenance Building were received from:

APX Construction Group	\$988,000
Del's Construction Company, Inc.	\$1,080,127
Gosewich Construction	\$1,123,587
Met-Con Construction	\$1,156,300
Project One Construction	\$1,086,552
Versacon, Inc.	\$1,128,000
Donald Allen Winters	\$1,708,795

On motion by Wetzel, seconded by King with Rohlfing abstaining, the Board approved the bid from APX Construction Group in the amount of \$988,000.

Commissioner Committee Reports:

Commissioners Connolly and King attended a flood mitigation open house in Henderson.

Commissioners Wetzel and Rohlfing attended a FRST meeting in Waterville.

Commissioner Rohlfing attended a Region 9 and a Predatory Offender meeting.

Bob Goede with MCIT appeared before the Board with an MCIT Member Report.

On motion by Connolly, seconded by King and unanimously approved, the Board adjourned until Tuesday June 6, 2017 at 9:00 a.m.

ATTEST:

Le Sueur County Administrator

Le Sueur County Chairman

Summary Minutes of Le Sueur County Board of Commissioners Meeting, May 23, 2017

- This is only a summary publication per MN Statutes 375.12 and 331A.01 sub. 10. The complete minutes are on file in the Le Sueur County Administrator's Office at 88 S Park Ave. Le Center, MN and are available at www.co.le-sueur.mn.us.
 - Approved the agenda. (Connolly-Wetzel)
 - Approved the consent agenda. (Gliszinski-King)
 - Approved a one year extension for an existing Conditional Use Permit #16029 to Le Sun LLC, Mpls, MN (Applicant); Patrick Gregor, Waterville, MN (OWNER). Findings are on file at the Planning and Zoning Office. (Wetzel-King)
 - Approved a conditional use permit to Patrick and Randi McCabe, (Applicant/Owner); Cleveland MN, (Owner). Findings are on file at the Planning and Zoning Office. (Connolly-Gliszinski)
 - Approved a conditional use permit to Mark Volkenant & Deborah Novak, Cleveland, MN, (Applicant/Owner). The application was approved with conditions and findings are on file at the Planning and Zoning Office. (Wetzel-Gliszinski)
 - Approved a Conditional Use Permit to Thomas Tree & Landscape, Mankato, MN, (Applicant); Lyle Jacobson, Kasota, MN; Roselyn Skillman, Scottsdale, AZ; Kuiper Enterprises, Kasota, MN, (Owners). The application was approved with one condition and findings are on file at the Planning and Zoning Office. (Connolly-King)
 - Approved a new copier lease for 39 months with Loffler Toshiba for \$62,926.89. (Gliszinski-Connolly)
 - Approved to promote Maria Frederick to a full time Child Support Officer in Human Services. (King-Connolly)
 - Approved to post and request merit list for a full time Support Enforcement Aide in Human Services. (Gliszinski-Connolly)
 - Approved the sealcoat bid from ASTECH in the amount of \$1,228,503.49. (King-Wetzel)
 - Approved the striping bid from AAA Striping in the amount of \$140,772.24. (Gliszinski-Connolly)
 - Approved the bituminous paving bid from Wm Mueller & Sons in the amount of \$3,739,163.21. (Wetzel-King)
 - Approved the Le Sueur Shop bid from APX Construction Group in the amount of \$988,000. (Wetzel-King)
 - Adjourned until Tuesday June 6, 2017 at 9:00 a.m. (Connolly-King)
- ATTEST: Le Sueur County Administrator Le Sueur County Chairman



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 2

9:00 a.m. CIP Public Hearing (15 min)

RE: 2017 - 2021 CIP

Staff Contact:

Le Sueur County

2017 to 2021

CAPITAL IMPROVEMENT PLAN

Amended June 6, 2017

2017-2021 CAPITAL IMPROVEMENT PLAN

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Attachment B-COUNTY AUDITORS REPORT OF OUTSTANDING INDEBTEDNESS	
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Approved October 4, 2005
Amended October 10, 2006
Amended October 2, 2007
Amended August 5, 2008
Amended June 14, 2011
Amended December 23, 2014
Amended June 6, 2017

INTRODUCTION

The Le Sueur County Capital Improvement Plan is a multi-year guide to the construction and *I* or improvement of county roads and facilities and the acquisition of capital equipment. Through the process of preparing and updating a Capital Improvement Plan, the county meets the needs for orderly maintenance of the physical assets of the county. This CIP is intended to serve as a planning tool and is structured to present meaningful long-range perspective of the county's long-range capital needs.

Minnesota Statutes Chapter 373.40 authorizes counties to adopt a Capital Improvement Plan (CIP.) The law requires that a Capital Improvements Plan be prepared that must cover a five year period beginning with the date of the Plan adoption. The CIP must cover:

- 1) The estimated schedule, timing and details of the specific capital improvements.
- 2) Estimated cost of the capital improvements identified.
- 3) The need for the improvements.
- 4) The sources of revenue needed to pay for the improvements.

Approval of the CIP and annual amendments must be approved by the County Board by a three-fifths vote after a noticed public hearing. MN Laws 2005, Chapter 1, Article 3, Sections 101-102 have eliminated DEED's role in the CIP process. Therefore, the final step in the CIP planning process will be for the County to obtain Board approval of the plan on a three-fifths vote. Upon approval by the Board, CIP bonds may be issued.

A County may issue general obligation bonds for improvements included in an approved Plan if the following conditions are satisfied:

1. The County must publish notice of and conduct a public hearing on the issuance of the bonds. The bonds are subject to referendum voter approval only if a petition requesting a vote signed by five percent of the votes cast in the last general election is received within 30 days of the hearing.
2. The maximum annual debt service payment on all outstanding CIP bonds does not exceed 0.12 percent of the taxable market value of the County, excluding market value included in TIF districts.
3. The issuance of bonds must be approved by at least three-fifths of the members of the County Board.

The Le Sueur County Capital Improvement Plan has been created in accordance with the guidelines of Minnesota Statutes, Section 373.40. The CIP covers public improvements and building projects, with a useful life of five years or greater, currently anticipated to be undertaken by the county during the next five years. While cost estimates and proposed funding sources are identified for each general improvement area, the CIP is not intended to provide a complete financing plan for each project. As the County prepares to undertake individual projects, the County Board will consider a specific finance program. The priority and scheduling of each project may also change over time.

Le Sueur County believes the Capital Improvement process is an important element of responsible fiscal management. Major capital expenses can be anticipated and coordinated so as to minimize potentially adverse financial impacts caused by the timing and magnitude of capital outlays. This coordination of capital projects is important to the county in achieving its goals of an adequate physical plant, equipment and sound fiscal management. In these financially difficult times, good planning is essential for the wise use of limited funding.

THE CAPITAL IMPROVEMENT PLANNING PROCESS

The Capital Improvement Planning process is as follows: The County Board authorizes the preparation of the CIP. The Administrator is instructed to assemble all known capital projects necessary over the next five-year period. The County Board then reviews the projects according to the project priority, fiscal impact and available funding. From this information, a preliminary capital improvement plan is prepared. A public hearing is held to solicit input from citizens and other governmental units. Changes may be made based on that input and a final project list is established.

The County Board then prepares the final plan and works with its financial advisor to prepare a general obligation bond sale and repayment schedule if necessary to the CIP. Once the proceeds from the bond sales become available, the 2017 projects are implemented.

In subsequent years, the process is repeated as projects are completed and new needs arise. Capital Improvement planning always looks five years into the future.

The CIP will be revised and updated on an annual basis during the annual budget cycle. Changes to the priorities established in the plan should be expected. Changes can be caused by reductions in funding levels, grants or other aid, delays in construction, emergency needs or simply a change in community preferences.

CIP POLICY SUMMARY

In adopting the Capital Improvements Plan (CIP), the County finds:

1. The projects contained in the CIP are necessary to maintain the existing infrastructure of the County, to meet the anticipated service demands of the County and to properly provide for the safety and general well being of its residents.
2. The County has considered the costs of the projects and the available financial resources and has determined that these projects are within the financial ability of the County. Further, the County has determined that failure to undertake the CIP will result in a greater financial burden in the future.
3. The County has reviewed the alternatives for shared facilities with other units of governments. Le Sueur County will participate in shared facility options if such options are found to be efficient and cost effective.
4. The CIP is designed to make the most effective use of all financial resources available to the County, including current budgeted revenue, grants, fund reserves and borrowing. The County's goal is to maintain a reasonable balance among all available resources. The debt proposed in the CIP is within the statutory and financial capacity of the County. The County will structure all necessary debt in a manner that makes the best use of its financial resources and minimizes the impact on county residents. For those projects utilizing debt, borrowing is needed to provide the improvement in a timely manner and to spread the financial impacts over a period of years.

FINANCING THE CAPITAL IMPROVEMENT PLAN

Tax Levy

The tax levy funds are derived from the County property tax. The County Board determines the annual amount of the tax levy.

Capital Replacement / Building Fund

The County may establish a capital building fund for future financing.

General Obligation Bonds.

Minnesota Statutes, Chapter 475 allows general obligation bonds to be issued for building purposes in an amount up to the county's debt limit. This requires a vote of the public and must be approved by one vote more than 50% of those voting. The tax levy for debt service is spread on the basis of market value. First under MS 475, with few exceptions, counties cannot incur debt in excess of 3% of the assessor's estimated market value for the county. In Le Sueur County, the 2017 EMV is \$3,981,422,600. Therefore, the total amount of outstanding debt cannot exceed \$119,442,678. The 2016 EMV is \$3,958,055,700. Outstanding debt cannot exceed \$118,741,671.

G.O. Capital Improvement Bonds

Minnesota Statute Chapter 373.40 allows counties to issue general obligation bonds for purposes defined in the Capital Improvement Plan. The annual obligation of debt cannot exceed 0.0012 times the Estimated Market Value for interest and principle payments without a referendum vote.

The calculation of Le Sueur County's debt limit is as follows:

The maximum amount that can be levied on all of the County's CIP bonds is limited by the following formula:

	2015	2016	2017
<i>Estimated Market Value</i>	<i>\$3,878,425,100</i>	<i>\$3,958,055,700</i>	<i>\$3,981,422,600</i>
<i>x 0.12%</i>	<i><u>.0012</u></i>	<i><u>.0012</u></i>	<i><u>.0012</u></i>
<i>CIP legal lending limit (interest and principle payment)</i>	<i>\$ 4,654,110*</i>	<i>\$4,749,667*</i>	<i>\$4,777,707*</i>

** 2011 G.O. Capital Improvement Bond sale proceeds were used for ARMER 800 megahertz public safety communication system. By state statute, bond proceeds used for the purchase of ARMER 800 megahertz public safety communication equipment is not included in the CIP annual obligation of debt that cannot exceed 0.0012 times the Market Value for interest and principle payments.*

G.O. State Aid Road Bonds

Counties may issue general obligation bonds pursuant to Minnesota Statutes, section 162.181 and Chapter 475 for the purpose of financing the costs of State-Aid highway construction projects within the County.

Bridge Bonding

The Minnesota Department of Transportation administers the Federal Bridge Replacement funds. The state has financed bridge replacements through a State-bonding program for bridges greater than 20-feet in length.

Capital Equipment Notes

Counties are given authority to issue general obligation capital notes by resolution of the County Board without a referendum. General obligation capital notes are subject to the County's debt limit.

429 Improvement Bonds

Counties may issue bonds pursuant to Minnesota Statutes, Chapters 375B, 429, 444 and 475 for the purpose of financing the costs of sanitary sewer system projects within the County.

G.O. County Jail Bonds

Counties may issue general obligation bonds for the creation of a county jail, sheriff's residence or both, pursuant to the provisions of MN Statutes, Chapters 641 and 475. No election is required if the amount of all bonds issued for this purpose and interest on them which are due and payable in any year does not exceed an amount equal to 0.09671 percent of the Estimated Market Value for interest and principle payments without a referendum vote.

County State-Aid Highways Regular Construction

The purpose of the state-aid program is to provide resources, from the Highway Users Tax Distribution Fund, to assist local governments with the construction and maintenance of community-interest highways and streets on the state-aid system.

County State-Aid Highway Municipal Construction

The purpose of the state-aid program is to provide resources, from the Highway Users Tax Distribution Fund, to assist local governments with the construction and maintenance of community-interest highways and streets on the state-aid system to be used on state aid roads in cities whose population is under 5000.

CIP PROJECTS

2017 - 2021

**The CIP is organized by year beginning with year 2017 projects.
These schedules are subject to change due to priority and financial conditions.**

Year 2017

Project	Description	General Fund	G. O. Jail Bonds	G.O. Bonds	G.O. Capital Improvement Bonds	Capital Notes	429 Improvement Bonds	Local Road and Bridge Fund	CSAII Regular Construction	CSAII Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH - Music General Obligation	Federal Highway Admin	Grants	Total
HIGHWAY																		
CSAH 3 - Waseca County to TH 60	Bit Rehab and Overlay								\$424,592									\$424,592
CSAH 3 - TH 60 to CSAH 14	Bit Rehab and Overlay									\$350,000								\$350,000
CSAH 3 - TH 99 to TH 21	Bit Rehab and Overlay								\$988,943									\$988,943
CSAH 12 - CSAH 13 to CSAH 11	Bit Rehab and Overlay							\$68,590	\$317,931									\$386,521
CSAH 26 - CSAH 5 to Montgomery	Bit Rehab and Overlay								\$1,788,952									\$1,788,952
CSAH 61 - Waseca Co to TH 60	Bit Rehab and Overlay								\$150,156									\$150,156
CSAH 62 - Waseca Co to TH 60	Concrete Rehab								\$5,000									\$5,000
CR 104 - CR 104 to CSAH 15	Grading and Base							\$500,000										\$500,000
Clear Lake Lane	Reconstruct																\$425,000	\$425,000
County Wide	Bituminous Seal Coat							\$295,744	\$932,759									\$1,228,503
Replace Tandem Truck								\$275,000										\$275,000
Le Sueur Shop					\$1,030,000													\$1,030,000
MAINTENANCE																		
Carpet First Floor		\$45,000																\$45,000
HUMAN SERVICES																		
PARKS																		
SHERIFF																		
Jail portion of LEC, Phase 1			\$7,325,000															\$7,325,000
Phase 1, Justice Center					\$1,535,000													\$1,535,000
Replace Three Squad Cars		\$90,000																\$90,000
In Car Cameras		\$35,000																\$35,000
MIS																		
Replacement of Equipment		\$150,000																\$150,000
TOTALS		\$320,000	\$7,325,000	\$0	\$2,565,000	\$0	\$0	\$1,139,334	\$4,608,333	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000	\$16,732,667

Year 2018

Project	Description	General Fund	G. O. Jail Bonds	G.O. Bonds	G.O. Capital Improvement Bonds	Capital Notes	429 Improvement Bonds	Local Road and Bridge Fund	CSAH Regular Construction	CSAH Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH - Munic General Obligation	Federal Highway Admin	Grants	Total
HIGHWAY																		
CSAH 5 - TH 99 to CSAH 26	CIR/Bit Overlay								\$1,200,000									\$1,200,000
CSAH 10 - CSAH 32 to Rice Co.	CIR/Bit Overlay								\$800,000									\$800,000
TH 112 - CR 115 to TH 99	Reconstruct replace bridge 92723																\$15,000,000	\$15,000,000
CSAH 33 - 0.5 mi S CSAH 28									\$120,000		\$120,000							\$240,000
CSAH 37	TAP Sidewalk replace bridge 4458									\$51,429		\$500,941						\$552,370
CSAH 52 in Watervale	4458 Bituminous								\$150,000		\$150,000							\$300,000
CR 104 - CSAH 15 to CR 104								\$425,000										\$425,000
Replace Tandem Truck								\$275,000										\$275,000
Replace Tractor and Mower								\$100,000										\$100,000
ADMINISTRATION																		
West Jefferson SSD							\$2,500,000											\$2,500,000
MAINTENANCE																		
HUMAN SERVICES																		
PARKS																		
SHERIFF																		
Replace Three Squad Cars		\$90,000																\$90,000
Joint portion of LEC, Phase 1			\$1,000,000															\$1,000,000
Justice Center, Phase I					\$9,000,000													\$9,000,000
Montgomery Radio Shed		\$100,000																\$100,000
MIS																		
Replacement of Equipment		\$150,000																\$150,000
VETS SERVICES																		
Replace Van		\$30,000																\$30,000
TOTALS		\$770,000	\$1,000,000	\$0	\$9,000,000	\$0	\$2,500,000	\$800,000	\$2,270,000	\$51,429	\$270,000	\$500,941	\$0	\$0	\$0	\$0	\$15,000,000	\$31,762,370

Year 2019

Project	Description	General Fund	G. O. Jail Bonds	G.O. Bonds	G.O. Capital Improvement Bonds	Capital Notes	429 Improvement Bonds	Local Road and Bridge Fund	CSAH Regular Construction	CSAH Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH - Munic General Obligation	Federal Highway Adm'n	Grants	Total
HIGHWAY																		
CSAH 23 - UP RR to TH 112	Reconstruct and Surface Improvement and Overlay								\$1,200,000								\$4,145,000	\$5,345,000
CSAH 15 - TH 112 to CSAH 26	Overlay								\$374,000							\$1,326,000		\$1,700,000
CSAH 37	Sidewalk TAP															\$383,090		\$383,090
CR 103 - CR 105 to CR 104	Bituminous Overlay							\$200,000										\$200,000
CR 104 - CSAH 16 to CR 105	Bituminous Overlay							\$700,000										\$700,000
CR 131 - CSAH 6 to Waterville	Bituminous Overlay							\$600,000										\$600,000
County Wide	Bituminous Overlay Intermittent Seal Coat							\$250,000	\$500,000									\$750,000
Replace Tandem Truck								\$275,000										\$275,000
MAINTENANCE																		
Phase 2	Courthouse				\$3,000,000													\$3,000,000
HUMAN SERVICES																		
PARKS																		
SHERIFF																		
Repalce Three Squad Cars		\$90,000																\$90,000
MIS																		
Replacement of Equipment		\$150,000																\$150,000
TOTALS		\$240,000	\$0	\$0	\$3,000,000	\$0	\$0	\$2,025,000	\$2,074,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709,090	\$4,145,000	\$13,193,090

Year 2020

Project	Description	General Fund	G. O. Jail Bonds	G.O. Bonds	G.O. Capital Improvement Bonds	Capital Notes	429 Improvement Bonds	Local Road and Bridge Fund	CSAH Regular Construction	CSAH Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH - Music General Obligation	Federal Highway Admin	Grants	Total
HIGHWAY																		
CSAH 28 - CSAH 30 to TH 13	CIR & Overlay								\$600,000									\$600,000
CSAH 33 - CSAH 26 to CSAH 28	FDR & Overlay								\$2,000,000									\$2,000,000
TH 112 - CR 115 to TH 169	Reconstruct in L.S.																\$11,000,000	
Replace Tandem Truck								\$275,000										\$275,000
Replace County Shop	Le Center				\$4,000,000									\$4,000,000				\$8,000,000
MAINTENANCE																		
Phase 3, Sheriff Residence					\$1,000,000													
HUMAN SERVICES																		
PARKS																		
SHERIFF																		
Replace Three Squad Cars		\$90,000																\$90,000
MIS																		
Replacement of Equipment		\$150,000																\$150,000
TOTALS		\$240,000	\$0	\$0	\$5,000,000	\$0		\$275,000	\$2,600,000	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$11,000,000	\$11,115,000

Year 2021

Project	Description	General Fund	G. O. Jail Bonds	G.O. Bonds	G.O. Capital Improvements Bonds	Capital Notes	429 Improvement Bonds	LSCA Road and Bridge Fund	CSAH Regular Construction	CSAH Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH - Munic General Obligation	Federal Highway Admin	Grants	Total
HIGHWAY																		
County Wide	Seal Coat							\$250,000	\$500,000									\$750,000
CSAH 14 - CSAH 11 to CSAH 6	Overlay								\$1,680,000									\$1,680,000
CSAH 13 - TH 60 to CSAH 16	Overlay								\$555,000									\$555,000
CSAH 11 - Le Center to 32	Road Slide & CIR								\$1,200,000									\$1,200,000
MAINTENANCE																		
HUMAN SERVICES																		
PARKS																		
SHERIFF																		
Replace Three Squad Cars		\$90,000																\$90,000
MIS																		
Replacement of Equipment		\$150,000																\$150,000
TOTALS		\$240,000	\$0	\$0	\$0	\$0		\$250,000	\$3,935,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,425,000

COUNTY DEBT AND OVERLAPPING DEBT

The total amount of requested projects under the 2017-2021 CIP is \$89,358,127. See Attachment A, Capital Improvement Funding Summary for a breakdown of funding sources. If these projects are to be funded, that amount of money must be generated through the tax levy, sale of bonds or taken from county reserves. Some of the funding mechanisms have statutory limits including the G.O. CIP Bonds shown below.

Of the total CIP amount, \$19,565,000 would be funded using Capital Improvement Program General Obligation bonds.

2017	\$2,565,000
2018	\$9,000,000
2019	\$3,000,000
2020	\$5,000,000
2021	\$0
Total	\$19,565,000

Assuming bonds are paid over 20 years at current market interest rates, the maximum combined annual principal and interest payments are shown in Table 1, G.O. Capital Improvement Bonds. This is below the statutory limit of \$4,777,707 to be used for principal and interest payments.

Of the CIP total amount, \$8,325,000 would be funded using G.O. County Jail Bonds in 2017 and 2018, according to the plan, which is subject to change.

2017	\$7,325,000
2018	\$1,000,000
2019	\$0
2020	\$0
2021	\$0
Total	\$8,325,000

County Jail bonds can be issued without a referendum if the maximum annual debt service payment of principal and interest to be paid in any year does not exceed 0.09671% of the estimated market value of taxable property within the County as certified for the year in which the bond are issued.

Projected G.O. Bond Limitation for Bond Year 2018 Based on Jail Bond Limitation

Estimated Market Value (2017)	\$3,981,422,600
% Limitation (0.09671%)	\$3,850,433
Projected Principal and Interest Payment	\$559,051

The County reserves the right to vary the term of any borrowing identified in this plan with the understanding that the maximum payment of all outstanding CIP Bonds cannot exceed the statutory limit.

In preparing this Capital Improvement Plan, the County must consider for each project, and the plan as a whole, several factors, including the level of overlapping debt of the County. Attachment B, County Auditor's Report of Outstanding Indebtedness provides detailed information about the County's overlapping debt status as of December 31,2016.

CONTINUATION OF THE CAPITAL IMPROVEMENT PLAN

The County Board will use the process outlined on page 2 of this plan and will review the CIP annually. The Board will review proposed projects and may add or delete projects based on priority decisions. While following the CIP process on an annual basis, the Board can continue to provide necessary improvements while keeping debt based spending within reasonable limitations.

Attachment A Capital Improvement Funding Summary 2017-2021

	General Fund	G.O. Jail Bonds	G.O. Bonds	G.O. Capital Improvement Program (CIP) Bonds	Capital Notes	429 Improvement Bonds	Local Road and Bridge Fund	CSAH Regular Construction	CSAH Municipal Construction	Fund 29 State Bridge Bonds	Other Local Funds	Land Records Fund	CSAH General Obligation Bonds	CSAH -Munic General Obligation Bonds	Federal Highway Admio	Grants	Total
2017	\$320,000	\$7,325,000	\$0	\$2,565,000	\$0	\$0	\$1,139,334	\$4,608,333	\$350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000	\$16,732,667
2018	\$370,000	\$1,000,000	\$0	\$9,000,000	\$0	\$2,500,000	\$800,000	\$2,270,000	\$51,429	\$270,000	\$500,941	\$0	\$0	\$0	\$0	\$11,000,000	\$31,762,370
2019	\$240,000	\$0	\$0	\$3,000,000	\$0	\$0	\$2,025,000	\$2,074,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,709,090	\$4,145,000	\$13,193,090
2020	\$370,000	\$0	\$0	\$5,000,000	\$0	\$0	\$275,000	\$2,600,000	\$0	\$0	\$0	\$0	\$4,000,000	\$0	\$0	\$11,000,000	\$23,245,000
2021	\$240,000	\$0	\$0	\$0	\$0	\$0	\$250,000	\$3,935,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,425,000
Total	\$1,540,000	\$8,325,000	\$0	\$19,565,000	\$0	\$2,500,000	\$4,489,334	\$15,487,333	\$401,429	\$270,000	\$500,941	\$0	\$4,000,000	\$0	\$1,709,090	\$30,570,000	\$89,358,127

Table 1

Estimated G.O. Capital Improvement Plan Bonds

Estimated Annual Debt Service Payments

Year	Total Bond Amount	Term (years)	Interest Rate	2017	2018	2019	2020	2021	2022
2016	\$0								
2017	\$2,565,000	10	2.30%			\$290,053	\$290,053	\$290,053	\$290,053
2018	\$9,000,000	20	3.00%				\$604,941	\$604,941	\$604,941
2019	\$3,000,000	20	3.00%					\$201,647	\$201,647
2020	\$5,000,000	20	3.00%						\$336,079
2021	\$0								
2022									
2023									
2024									
2025									
Estimated Total Annual D/S Payments				\$0	\$0	\$290,053	\$894,994	\$1,096,642	\$1,432,720

Table 2

Estimated G.O. Jail Bonds

Estimated Annual Debt Service Payments

Year	Total Bond Amount	Term (years)	Interest Rate	2017	2018	2019	2020	2021	2022
2016	\$0								
2017	\$7,325,000	20	3.00%			\$492,355	\$492,355	\$492,355	\$492,355
2018	\$1,000,000	20	3.00%				\$67,216	\$67,216	\$67,216
2019									
2020									
2021									
2022									
2023									
2024									
2025									
Estimated Total Annual D/S Payments				\$0	\$0	\$492,355	\$559,571	\$559,571	\$559,571

County Auditors Report of Outstanding Indebtedness

COUNTY OF: Le Sueur

Name of Governmental Unit	Bonds									Other Long-term Indebtedness (Identify)	State Aid and Tax Anticipation Certificates	Refunding (Included in Bonds Outstanding)
	Outstanding Jan. 1, 2016	Issued During the Year	Paid During the Year	Bonds Outstanding December 31								
				Total	General Obligation	G. O. Tax Increment	G. O. Special Assessment	G. O. Revenue	Revenue			
County												
Le Sueur	18,995,000	2,500,000	2,280,000	20,215,000	14,525,000					5,690,000		1,000,000
Cities												
Cleveland	2,435,711	0	193,000	2,242,711				2,242,711				
Elysian	1,613,450	1,930,000	222,690	3,320,760			2,860,000	460,760				715,000
Heidelberg	0	0	0	0								
Kasota	0	0	0	0								
Kilkenny	0	0	0	0								
Le Center	10,054,425	2,655,000	998,425	11,711,000	5,261,250		1,753,750	4,696,000				
Le Sueur	29,652,832	0	2,695,000	26,957,752	2,245,000		2,380,000	12,114,000	10,218,752			5,040,000
Montgomery	15,677,295	3,095,000	1,520,000	17,252,295	11,763,253		2,205,000	3,284,042				6,345,000
New Prague - not home County												
Waterville	14,082,633	0	772,633	13,310,000	633,000			12,482,000		195,000		
Total of Cities	73,516,348	7,680,000	6,401,828	74,794,518	19,902,503	0	9,198,760	35,279,513	10,218,752	195,000	0	12,100,000
School District												
Cleveland #391	0	0	0	0						155,061		
WEM #2143	0	0	0	0						25,004		
LSH #2397	13,045,000	0	1,010,000	12,035,000	11,445,000					590,000		11,445,000
Tri City United #2905	37,009,000	0	2,739,000	34,270,000	34,270,000						1,135,000	
Menkato #77 - not home County												
St Peter #508-not home County												
Belle Plaine #716-not home County												
New Prague #721-not home County												
Total of Schools	50,054,000	0	3,749,000	48,305,000	45,715,000	0	0	0	0	590,000	1,315,065	11,445,000
Townships												
Washington Township	34,284	0	17,316	16,968			16,968					
Total of Townships	34,284	0	17,316	16,968	0	0	16,968	0	0	0	0	0
Special District												
Lake Washington San Sewer	9,047,156	0	494,767	8,552,389			8,192,389	360,000			8,032,389	520,000
Total of Spec Dist	9,047,156	0	494,767	8,552,389	0	0	8,192,389	360,000	0	0	8,032,389	520,000
GRAND TOTAL	162,846,786	10,180,000	12,942,911	149,883,876	80,142,503	0	17,408,107	35,639,513	10,218,752	6,475,000	9,347,454	25,065,000

Le Sueur County, Minnesota

\$2,565,000 General Obligation CIP Bonds, Series 2017A

Issue Summary

Assumes Current Market BQ AA Rates plus 25bps

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/01/2017	-	-	-	-	-
02/01/2018	-	-	25,352.50	25,352.50	25,352.50
08/01/2018	-	-	25,352.50	25,352.50	-
02/01/2019	235,000.00	1.300%	25,352.50	260,352.50	285,705.00
08/01/2019	-	-	23,825.00	23,825.00	-
02/01/2020	240,000.00	1.450%	23,825.00	263,825.00	287,650.00
08/01/2020	-	-	22,085.00	22,085.00	-
02/01/2021	245,000.00	1.600%	22,085.00	267,085.00	289,170.00
08/01/2021	-	-	20,125.00	20,125.00	-
02/01/2022	250,000.00	1.800%	20,125.00	270,125.00	290,250.00
08/01/2022	-	-	17,875.00	17,875.00	-
02/01/2023	250,000.00	1.900%	17,875.00	267,875.00	285,750.00
08/01/2023	-	-	15,500.00	15,500.00	-
02/01/2024	260,000.00	2.100%	15,500.00	275,500.00	291,000.00
08/01/2024	-	-	12,770.00	12,770.00	-
02/01/2025	260,000.00	2.200%	12,770.00	272,770.00	285,540.00
08/01/2025	-	-	9,910.00	9,910.00	-
02/01/2026	265,000.00	2.300%	9,910.00	274,910.00	284,820.00
08/01/2026	-	-	6,862.50	6,862.50	-
02/01/2027	275,000.00	2.400%	6,862.50	281,862.50	288,725.00
08/01/2027	-	-	3,562.50	3,562.50	-
02/01/2028	285,000.00	2.500%	3,562.50	288,562.50	292,125.00
Total	\$2,565,000.00	-	\$341,087.50	\$2,906,087.50	-

Yield Statistics

Bond Year Dollars	\$15,807.50
Average Life	6.163 Years
Average Coupon	2.1577574%
Net Interest Cost (NIC)	2.3524751%
True Interest Cost (TIC)	2.3621191%
Bond Yield for Arbitrage Purposes	2.1494106%
All Inclusive Cost (AIC)	2.5905223%

IRS Form 8038

Net Interest Cost	2.1577574%
Weighted Average Maturity	6.163 Years

Series 2017A GO CIP Bonds | Issue Summary | 5/8/2017 | 1:20 PM



Le Sueur County, Minnesota

\$7,325,000 General Obligation Jail Bonds, Series 2017B

Assumes Current Market BQ AA+ Rates plus 25bps

Credit Enhanced (AA underlying)

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/01/2017	-	-	-	-	-
08/01/2018	-	-	186,585.00	186,585.00	-
02/01/2019	210,000.00	1.250%	93,292.50	303,292.50	489,877.50
08/01/2019	-	-	91,980.00	91,980.00	-
02/01/2020	305,000.00	1.400%	91,980.00	396,980.00	488,960.00
08/01/2020	-	-	89,845.00	89,845.00	-
02/01/2021	310,000.00	1.550%	89,845.00	399,845.00	489,690.00
08/01/2021	-	-	87,442.50	87,442.50	-
02/01/2022	315,000.00	1.750%	87,442.50	402,442.50	489,885.00
08/01/2022	-	-	84,686.25	84,686.25	-
02/01/2023	320,000.00	1.850%	84,686.25	404,686.25	489,372.50
08/01/2023	-	-	81,726.25	81,726.25	-
02/01/2024	330,000.00	2.050%	81,726.25	411,726.25	493,452.50
08/01/2024	-	-	78,343.75	78,343.75	-
02/01/2025	335,000.00	2.150%	78,343.75	413,343.75	491,687.50
08/01/2025	-	-	74,742.50	74,742.50	-
02/01/2026	340,000.00	2.250%	74,742.50	414,742.50	489,485.00
08/01/2026	-	-	70,917.50	70,917.50	-
02/01/2027	350,000.00	2.350%	70,917.50	420,917.50	491,835.00
08/01/2027	-	-	66,805.00	66,805.00	-
02/01/2028	355,000.00	2.450%	66,805.00	421,805.00	488,610.00
08/01/2028	-	-	62,456.25	62,456.25	-
02/01/2029	365,000.00	2.550%	62,456.25	427,456.25	489,912.50
08/01/2029	-	-	57,802.50	57,802.50	-
02/01/2030	375,000.00	2.700%	57,802.50	432,802.50	490,605.00
08/01/2030	-	-	52,740.00	52,740.00	-
02/01/2031	385,000.00	2.750%	52,740.00	437,740.00	490,480.00
08/01/2031	-	-	47,446.25	47,446.25	-
02/01/2032	395,000.00	2.850%	47,446.25	442,446.25	489,892.50
08/01/2032	-	-	41,817.50	41,817.50	-
02/01/2033	405,000.00	2.950%	41,817.50	446,817.50	488,635.00
08/01/2033	-	-	35,843.75	35,843.75	-
02/01/2034	420,000.00	3.050%	35,843.75	455,843.75	491,687.50
08/01/2034	-	-	29,438.75	29,438.75	-
02/01/2035	430,000.00	3.150%	29,438.75	459,438.75	488,877.50
08/01/2035	-	-	22,666.25	22,666.25	-
02/01/2036	445,000.00	3.200%	22,666.25	467,666.25	490,332.50
08/01/2036	-	-	15,546.25	15,546.25	-
02/01/2037	460,000.00	3.300%	15,546.25	475,546.25	491,092.50
08/01/2037	-	-	7,956.25	7,956.25	-
02/01/2038	475,000.00	3.350%	7,956.25	482,956.25	490,912.50
Total	\$7,325,000.00	-	\$2,480,282.50	\$9,805,282.50	-

Yield Statistics

Bond Year Dollars	\$87,422.50
Average Life	11.935 Years
Average Coupon	2.8371215%
Net Interest Cost (NIC)	2.9041522%
True Interest Cost (TIC)	2.8869998%
Bond Yield for Arbitrage Purposes	2.8054454%
All Inclusive Cost (AIC)	2.9686198%

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Net Interest Cost	2.8371215%
Weighted Average Maturity	11.935 Years

Series 2017B GO Jail Bond | 5/8/2017 | 1:19 PM



Le Sueur County, Minnesota

\$4,490,000 General Obligation Refunding Bonds, Series 2017

Issue Summary - Proposed Cur Ref 06A, 07A, 08A

Assuming Current GO BQ "AA" Market Rates

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
11/05/2017	-	-	-	-	-
02/01/2018	190,000.00	0.950%	15,088.23	205,088.23	205,088.23
08/01/2018	-	-	30,677.50	30,677.50	-
02/01/2019	730,000.00	1.050%	30,677.50	760,677.50	791,355.00
08/01/2019	-	-	26,845.00	26,845.00	-
02/01/2020	740,000.00	1.200%	26,845.00	766,845.00	793,690.00
08/01/2020	-	-	22,405.00	22,405.00	-
02/01/2021	750,000.00	1.350%	22,405.00	772,405.00	794,810.00
08/01/2021	-	-	17,342.50	17,342.50	-
02/01/2022	755,000.00	1.550%	17,342.50	772,342.50	789,685.00
08/01/2022	-	-	11,491.25	11,491.25	-
02/01/2023	765,000.00	1.650%	11,491.25	776,491.25	787,982.50
08/01/2023	-	-	5,180.00	5,180.00	-
02/01/2024	560,000.00	1.850%	5,180.00	565,180.00	570,360.00
Total	\$4,490,000.00	-	\$242,970.73	\$4,732,970.73	-

Yield Statistics

Bond Year Dollars	\$15,737.61
Average Life	3.505 Years
Average Coupon	1.5438857%
Net Interest Cost (NIC)	1.8291895%
True Interest Cost (TIC)	1.8391278%
Bond Yield for Arbitrage Purposes	1.5413621%
All Inclusive Cost (AIC)	2.2573718%

IRS Form 8038

Net Interest Cost	1.5438857%
Weighted Average Maturity	3.505 Years

Proposed CR 2006A 2007A a | Issue Summary | 5/9/2017 | 9:43 AM



Fiscal Year	CIP Bonding authority carries						CIP Bonds Projected 2017 CIP	Total P & I
	CIP Bonds 2006A	CIP Bonds 2007A	CIP Bonds 2008A	CIP Bond Portion 2015A	forward 2016A			
2017	202,600.00	196,112.50	321,461.25	524,300.00	173,669.32		1,418,143.07	
2018	228,200.00	230,625.00	372,122.50	525,700.00	176,800.00	25,352.50	1,558,800.00	
2019	231,000.00	228,625.00	370,922.50	526,900.00	178,600.00	285,705.00	1,821,752.50	
2020	228,400.00	231,425.00	374,322.50	522,900.00	180,300.00	287,650.00	1,824,997.50	
2021	230,600.00	228,825.00	377,122.50	523,800.00	176,900.00	289,170.00	1,826,417.50	
2022	232,400.00	231,025.00	374,002.50	524,500.00	178,500.00	290,250.00	1,830,677.50	
2023	228,800.00	232,825.00	375,142.50	525,000.00		285,750.00	1,647,517.50	
2024		234,225.00	375,480.00	525,300.00		291,000.00	1,426,005.00	
2025				525,400.00		285,540.00	810,940.00	
2026				525,300.00		284,820.00	810,120.00	
2027						288,725.00	288,725.00	
2028						292,125.00	292,125.00	
2029							-	
2030							-	
2031							-	
2032							-	
2033							-	
2034							-	
2035							-	
2036							-	
2037							-	
2038							-	
	1,582,000.00	1,813,687.50	2,940,576.25	5,249,100.00	1,064,769.32	2,906,087.50	15,556,220.57	

2017 Estimated Taxable Market Value	3,981,422,600
Annual CIP Bonding Limit	0.12%
Maximum Annual CIP Debt Service	<u>4,777,707</u>
Less Maximum Annual CIP Debt Service on Existing and Proposed Debt	<u>1,830,678</u>
Remaining Annual CIP Bonding Capacity	2,947,030

At _____ a.m. the Chairperson called the Public Hearing for the approval of the **2017 to 2021 Capital Improvement Bonds** pursuant to Minnesota Statutes, Section 373.40.

The Chairperson stated that this was the time and place fixed for a public hearing to be held on the County's Capital Improvement Plan (the "Plan") and issuance of bonds (the "Bonds") under Minnesota Statutes, Section 373.40. The County Administrator presented an affidavit showing publication of the notice of public hearing at least fourteen (14) but not more than twenty-eight (28) days prior to the date fixed for the public hearing in the **Montgomery Messenger**, being the official newspaper of the County. The affidavit was examined, found to be satisfactory and ordered it to be placed on file with the County Administrator.

The Chairperson then opened the meeting for the public hearing on the proposal to adopt the Plan and approve the issuance of the Bonds. The purpose of the hearing was explained, the nature of the Plan and the Bonds was discussed and all persons present who desired to do so were afforded an opportunity to express their views with respect to the proposal to approve the Plan and issue the Bonds.

With _____ comments being received from the public on the proposals, at _____ a.m. the Chairperson declared the public hearing to be closed.

On motion by _____, seconded by _____, and unanimously approved, the Board approved the following resolution:

**RESOLUTION RELATING TO APPROVAL OF A CAPITAL
IMPROVEMENT PLAN AND ISSUANCE OF GENERAL OBLIGATION CAPITAL
IMPROVEMENT PLAN BONDS, SERIES 2017A**

BE IT RESOLVED by the Board of Commissioners (the Board) of Le Sueur County, Minnesota (the Issuer), as follows:

WHEREAS, the Issuer has published notice of its intent to hold a hearing on the issuance of capital improvement plan bonds under Minnesota Statutes, Section 373.40 (the "Bonds") and on its proposed Capital Improvement Plan (the "Plan"), at least fourteen (14) but not more than twenty-eight (28) days prior to the date hereof, pursuant to and in accordance with Minnesota Statutes, Section 373.40 (the "Act"); and

WHEREAS, the Board held a public hearing on the date hereof on the Plan and on the issuance of the Bonds to finance capital to finance the construction of a new County highway maintenance shop and a portion of the costs associated with the construction of a new Justice Center as detailed in the County's 2017-2021 Capital Improvement Plan. The County will pay debt service with future ad valorem property taxes. As described in the Act and in the Plan (the "Project");

WHEREAS, the Board has considered the factors described in subdivision 3 of the Act with respect to the Plan;

NOW, THEREFORE, BE IT RESOLVED that the Board hereby a) approves the Plan, and (b) authorizes the issuance of the Bonds in an amount not to exceed **\$2,565,000**. Pursuant to Minnesota Statutes, Section 475.60, Subdivision 2, paragraph (9), Ehlers & Associates is authorized to prepare and distribute an Official Statement and to solicit proposals for the Bonds on behalf of the County on a negotiated basis. This Board shall meet on **July 18, 2017**, for the purpose of considering proposals for the purchase of the Bonds and of taking such action thereon as may be in the best interests of the County.

June 6, 2017

Pre-Sale Report for

Le Sueur County, Minnesota

\$2,565,000 General Obligation Capital Improvement Plan
Bonds, Series 2017A



Prepared by:

Bruce Kimmel, CIPMA
Senior Municipal Advisor

And

Todd Hagen, CIPMA
Senior Municipal Advisor

And

Chris Mickelson
Financial Specialist



Executive Summary of Proposed Debt

Proposed Issue:	\$2,565,000 General Obligation Capital Improvement Plan Bonds, Series 2017A
Purposes:	<p>The proposed issue includes financing to fund the construction of a new County highway maintenance shop and to fund a portion of the costs associated with the construction of a new justice center, utilizing general obligation (G.O.) bonds authorized through a capital improvement plan (CIP) process.</p> <p>Debt service will be paid from ad valorem property taxes, beginning with taxes payable in 2018. State law limits annual debt service on CIP bonds to 0.12% of the issuer's estimated market value. After adding the estimated debt service on this issue to the actual debt service on the County's existing CIP issues, the County has over \$2,900,000 remaining in its annual CIP debt service capacity.</p>
Authority:	<p>The Bonds are being issued pursuant to Minnesota Statutes, Chapter 373.40 and Chapter 475. The Bonds will be general obligations of the County for which its full faith, credit and taxing powers are pledged.</p> <p>The Bonds count against the County's overall debt limit for tax-supported debt, in which outstanding principal is limited to 3% of the County's estimated market value. Including this Bond issue, the City has approximately \$108,250,000 in remaining debt capacity for tax-supported debt.</p>
Term/Call Feature:	<p>The Bonds are being issued for a 10.5-year term. Principal on the Bonds will be due on February 1 in the years 2019 through 2028. Interest is payable every six months beginning February 1, 2018.</p> <p>The Bonds maturing on and after February 1, 2026 will be pre-payable at the County's sole discretion on February 1, 2025 or any date thereafter.</p>
Bank Qualification:	Because the County is expecting to issue no more than \$10,000,000 in tax exempt debt during the 2017 calendar year, the County will be able to designate the Bonds as "bank qualified" obligations. Bank qualified status broadens the market for the Bonds, which can result in lower interest rates.
Rating:	<p>The County's most recent bond issues were rated "AA" by Standard & Poor's. The County will request a new rating for the Bonds.</p> <p>If the winning bidder on the Bonds elects to purchase bond insurance, the rating for the issue may be higher than the County's bond rating in the event that the bond rating of the insurer is higher than that of the County.</p>
Basis for Recommendation:	The proposed Bond issue is the most cost-efficient means of achieving the desired CIP financing, and is expected to yield the lowest possible interest cost while also preserving future prepayment flexibility. Moreover, the competitive sale approach described below is consistent with the County's historical debt



	issuance method, as well as best practices published by the Governmental Finance Officers Association (GFOA).
Method of Sale/Placement:	<p>In order to obtain the lowest interest cost to the County, we will competitively bid the purchase of the Bonds from local and national underwriters/banks.</p> <p>We have included an allowance for discount bidding equal to 1.20% of the principal amount of the issue. The discount is treated as an interest item and provides the underwriter with all or a portion of their compensation in the transaction. If the Bonds are purchased at a price greater than the minimum bid amount (maximum discount), the unused allowance may be used to lower the County's borrowing amount.</p> <p>Under current market conditions, most investors in municipal bonds prefer "premium" pricing structures. A premium is achieved when the coupon for any maturity (the interest rate paid by the issuer) exceeds the yield to the investor, resulting in a price paid that is greater than the face value of the bonds. The sum of the amounts paid in excess of face value is considered "reoffering premium." The amount of the premium varies, but it is not uncommon to see premiums for new issues in the range of 2.00% to 10.00% of the face amount of the issue. This means that an issuer with a \$2,000,000 offering may receive bids that result in proceeds of \$2,040,000 to \$2,200,000.</p> <p>For this Bond issuance, it is to be determined if any premium received will reduce the size of the issue or increase the net proceeds of the project. The adjustments may slightly change the true interest cost of the original bid, either up or down.</p>
Review of Existing Debt:	<p>We have reviewed all outstanding indebtedness for the County and find that refunding opportunities may exist for the Series 2006A, 2007A and 2008A issues. To achieve Bank Qualification for this issue and the Series 2017B issue, these refunding opportunities will be considered later this year to allow for a 2018 closing date. We will continue to monitor the market and the call dates for the County's outstanding debt and will alert you to any additional future refunding opportunities.</p>
Continuing Disclosure:	<p>Because the County has more than \$10,000,000 in outstanding debt (including this issue) and this issue is over \$1,000,000, the County will be agreeing to provide certain updated Annual Financial Information and its Audited Financial Statement annually as well as providing notices of the occurrence of certain "material events" to the Municipal Securities Rulemaking Board (the "MSRB"), as required by rules of the Securities and Exchange Commission (SEC). The County is already obligated to provide such reports for its existing bonds, and has contracted with Ehlers to prepare and file the necessary reports.</p>



<p>Arbitrage Monitoring:</p>	<p>Because the Bonds are tax-exempt securities, the County must ensure compliance with certain Internal Revenue Service (IRS) rules throughout the life of the issue. These rules apply to all gross proceeds of the issue, including initial proceeds and investment earnings in construction, escrow, debt service, and any reserve funds. How issuers spend bond proceeds and how they track interest earnings on funds (arbitrage/yield restriction compliance) are common subjects of IRS inquiries. Your specific responsibilities will be detailed in the Tax Certificate prepared by your Bond Attorney and provided at closing. You have retained Ehlers to assist you with compliance with these rules.</p>
<p>Other Service Providers:</p>	<p>This debt issuance will require the engagement of other public finance service providers. This section identifies those other service providers, so Ehlers can coordinate their engagement on your behalf. Where you have previously used a particular firm to provide a service, we have assumed that you will continue that relationship. Fees charged by these service providers will be paid from proceeds of the obligation, unless you notify us that you wish to pay them from other sources. Our pre-sale bond sizing includes a good faith estimate of these fees, so their final fees may vary. If you have any questions pertaining to the identified service providers or their role, or if you would like to use a different service provider for any of the listed services please contact us.</p> <p>Bond Attorney: Dorsey & Whitney LLP</p> <p>Paying Agent: Bond Trust Services Corporation</p> <p>Rating Agency: Standard & Poor’s Global Ratings (S&P)</p>

This presale report summarizes our understanding of the County’s objectives for the structure and terms of this financing as of this date. As additional facts become known or capital markets conditions change, we may need to modify the structure and/or terms of this financing to achieve results consistent with the County’s objectives.



Proposed Debt Issuance Schedule

Pre-Sale Review by Board of Commissioners:	June 6, 2017
Distribute Official Statement:	Week of June 19, 2017
Conference with Rating Agency:	Week of June 26, 2017
Board of Commissioners Awards Sale of the Bonds:	July 18, 2017
Estimated Closing Date:	August 15, 2017

Attachments

Sources and Uses of Funds

Proposed Debt Service Schedule

Resolution Authorizing Ehlers to Proceed with Bond Sale

Ehlers Contacts

Municipal Advisors:	Bruce Kimmel	(651) 697-8572
	Todd Hagen	(651) 697-8508
	Chris Mickelson	(651) 697-8556
Disclosure Coordinator:	Jen Chapman	(651) 697-8566
Financial Analyst:	Alicia Gage	(651) 697-8551

The Official Statement for this financing will be mailed or e-mailed to the Board of Commissioners for their review prior to the sale date.



Le Sueur County, Minnesota

\$2,565,000 General Obligation CIP Bonds, Series 2017A

Issue Summary

Assumes Current Market BQ AA Rates plus 25bps

Total Issue Sources And Uses

Dated 08/15/2017 | Delivered 08/15/2017

	CIP Bonds - Highway Maintenance Shop	CIP Bonds - Non-Jail/LEC	Issue Summary
Sources Of Funds			
Par Amount of Bonds	\$1,030,000.00	\$1,535,000.00	\$2,565,000.00
Total Sources	\$1,030,000.00	\$1,535,000.00	\$2,565,000.00
Uses Of Funds			
Total Underwriter's Discount (1.200%)	12,360.00	18,420.00	30,780.00
Costs of Issuance	13,050.69	19,449.31	32,500.00
Deposit to Project Construction Fund	1,000,000.00	1,500,000.00	2,500,000.00
Rounding Amount	4,589.31	(2,869.31)	1,720.00
Total Uses	\$1,030,000.00	\$1,535,000.00	\$2,565,000.00

Series 2017A GO CIP Bonds | Issue Summary | 6/ 1/2017 | 10:03 AM



Le Sueur County, Minnesota

\$2,565,000 General Obligation CIP Bonds, Series 2017A

Issue Summary

Assumes Current Market BQ AA Rates plus 25bps

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+	Fiscal Total
08/15/2017	-	-	-	-	-
02/01/2018	-	-	23,389.86	23,389.86	23,389.86
08/01/2018	-	-	25,362.50	25,362.50	-
02/01/2019	235,000.00	1.400%	25,362.50	260,362.50	285,725.00
08/01/2019	-	-	23,717.50	23,717.50	-
02/01/2020	240,000.00	1.450%	23,717.50	263,717.50	287,435.00
08/01/2020	-	-	21,977.50	21,977.50	-
02/01/2021	245,000.00	1.550%	21,977.50	266,977.50	288,955.00
08/01/2021	-	-	20,078.75	20,078.75	-
02/01/2022	250,000.00	1.700%	20,078.75	270,078.75	290,157.50
08/01/2022	-	-	17,953.75	17,953.75	-
02/01/2023	250,000.00	1.850%	17,953.75	267,953.75	285,907.50
08/01/2023	-	-	15,641.25	15,641.25	-
02/01/2024	260,000.00	2.050%	15,641.25	275,641.25	291,282.50
08/01/2024	-	-	12,976.25	12,976.25	-
02/01/2025	260,000.00	2.200%	12,976.25	272,976.25	285,952.50
08/01/2025	-	-	10,116.25	10,116.25	-
02/01/2026	265,000.00	2.350%	10,116.25	275,116.25	285,232.50
08/01/2026	-	-	7,002.50	7,002.50	-
02/01/2027	275,000.00	2.450%	7,002.50	282,002.50	289,005.00
08/01/2027	-	-	3,633.75	3,633.75	-
02/01/2028	285,000.00	2.550%	3,633.75	288,633.75	292,267.50
Total	\$2,565,000.00	-	\$340,309.86	\$2,905,309.86	-

Yield Statistics

Bond Year Dollars	\$15,707.75
Average Life	6.124 Years
Average Coupon	2.1665093%
Net Interest Cost (NIC)	2.3624635%
True Interest Cost (TIC)	2.3713369%
Bond Yield for Arbitrage Purposes	2.1573500%
All Inclusive Cost (AIC)	2.6011219%

IRS Form 8038

Net Interest Cost	2.1665093%
Weighted Average Maturity	6.124 Years

Le Sueur County, Minnesota

\$1,030,000 General Obligation Bonds, Series 2017A

CIP Bonds - Highway Maintenance Shop

Assumes Current Market BQ AA Rates plus 25bps

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+	Fiscal Total
08/15/2017	-	-	-	-	-
02/01/2018	-	-	9,390.53	9,390.53	9,390.53
08/01/2018	-	-	10,182.50	10,182.50	-
02/01/2019	95,000.00	1.400%	10,182.50	105,182.50	115,365.00
08/01/2019	-	-	9,517.50	9,517.50	-
02/01/2020	95,000.00	1.450%	9,517.50	104,517.50	114,035.00
08/01/2020	-	-	8,828.75	8,828.75	-
02/01/2021	100,000.00	1.550%	8,828.75	108,828.75	117,657.50
08/01/2021	-	-	8,053.75	8,053.75	-
02/01/2022	100,000.00	1.700%	8,053.75	108,053.75	116,107.50
08/01/2022	-	-	7,203.75	7,203.75	-
02/01/2023	100,000.00	1.850%	7,203.75	107,203.75	114,407.50
08/01/2023	-	-	6,278.75	6,278.75	-
02/01/2024	105,000.00	2.050%	6,278.75	111,278.75	117,557.50
08/01/2024	-	-	5,202.50	5,202.50	-
02/01/2025	105,000.00	2.200%	5,202.50	110,202.50	115,405.00
08/01/2025	-	-	4,047.50	4,047.50	-
02/01/2026	105,000.00	2.350%	4,047.50	109,047.50	113,095.00
08/01/2026	-	-	2,813.75	2,813.75	-
02/01/2027	110,000.00	2.450%	2,813.75	112,813.75	115,627.50
08/01/2027	-	-	1,466.25	1,466.25	-
02/01/2028	115,000.00	2.550%	1,466.25	116,466.25	117,932.50
Total	\$1,030,000.00	-	\$136,580.53	\$1,166,580.53	-

Yield Statistics

Bond Year Dollars	\$6,304.94
Average Life	6.121 Years
Average Coupon	2.1662448%
Net Interest Cost (NIC)	2.3622814%
True Interest Cost (TIC)	2.3711460%
Bond Yield for Arbitrage Purposes	2.1573500%
All Inclusive Cost (AIC)	2.6010223%

IRS Form 8038

Net Interest Cost	2.1662448%
Weighted Average Maturity	6.121 Years

Series 2017A GO CIP Bonds | CIP Bonds - Highway Maint | 6/1/2017 | 10:03 AM



Le Sueur County, Minnesota

\$1,535,000 General Obligation Bonds, Series 2017A

CIP Bonds - Non-Jail/LEC

Assumes Current Market BQ AA Rates plus 25bps

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/15/2017	-	-	-	-	-
02/01/2018	-	-	13,999.33	13,999.33	13,999.33
08/01/2018	-	-	15,180.00	15,180.00	-
02/01/2019	140,000.00	1.400%	15,180.00	155,180.00	170,360.00
08/01/2019	-	-	14,200.00	14,200.00	-
02/01/2020	145,000.00	1.450%	14,200.00	159,200.00	173,400.00
08/01/2020	-	-	13,148.75	13,148.75	-
02/01/2021	145,000.00	1.550%	13,148.75	158,148.75	171,297.50
08/01/2021	-	-	12,025.00	12,025.00	-
02/01/2022	150,000.00	1.700%	12,025.00	162,025.00	174,050.00
08/01/2022	-	-	10,750.00	10,750.00	-
02/01/2023	150,000.00	1.850%	10,750.00	160,750.00	171,500.00
08/01/2023	-	-	9,362.50	9,362.50	-
02/01/2024	155,000.00	2.050%	9,362.50	164,362.50	173,725.00
08/01/2024	-	-	7,773.75	7,773.75	-
02/01/2025	155,000.00	2.200%	7,773.75	162,773.75	170,547.50
08/01/2025	-	-	6,068.75	6,068.75	-
02/01/2026	160,000.00	2.350%	6,068.75	166,068.75	172,137.50
08/01/2026	-	-	4,188.75	4,188.75	-
02/01/2027	165,000.00	2.450%	4,188.75	169,188.75	173,377.50
08/01/2027	-	-	2,167.50	2,167.50	-
02/01/2028	170,000.00	2.550%	2,167.50	172,167.50	174,335.00
Total	\$1,535,000.00	-	\$203,729.33	\$1,738,729.33	-

Yield Statistics

Bond Year Dollars	\$9,402.81
Average Life	6.126 Years
Average Coupon	2.1666866%
Net Interest Cost (NIC)	2.3625856%
True Interest Cost (TIC)	2.3714649%
Bond Yield for Arbitrage Purposes	2.1573500%
All Inclusive Cost (AIC)	2.6011886%

IRS Form 8038

Net Interest Cost	2.1666866%
Weighted Average Maturity	6.126 Years

Series 2017A GO CIP Bonds | CIP Bonds - Non-Jail/LEC | 6/ 1/2017 | 10:03 AM



Le Sueur County, Minnesota

\$2,565,000 General Obligation CIP Bonds, Series 2017A

Issue Summary

Assumes Current Market BQ AA Rates plus 25bps

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	105% Overlevy
02/01/2018	-	-	23,389.86	23,389.86	24,559.35
02/01/2019	235,000.00	1.400%	50,725.00	285,725.00	300,011.25
02/01/2020	240,000.00	1.450%	47,435.00	287,435.00	301,806.75
02/01/2021	245,000.00	1.550%	43,955.00	288,955.00	303,402.75
02/01/2022	250,000.00	1.700%	40,157.50	290,157.50	304,665.38
02/01/2023	250,000.00	1.850%	35,907.50	285,907.50	300,202.88
02/01/2024	260,000.00	2.050%	31,282.50	291,282.50	305,846.63
02/01/2025	260,000.00	2.200%	25,952.50	285,952.50	300,250.13
02/01/2026	265,000.00	2.350%	20,232.50	285,232.50	299,494.13
02/01/2027	275,000.00	2.450%	14,005.00	289,005.00	303,455.25
02/01/2028	285,000.00	2.550%	7,267.50	292,267.50	306,880.88
Total	\$2,565,000.00	-	\$340,309.86	\$2,905,309.86	\$3,050,575.35

Significant Dates

Dated	8/15/2017
First Coupon Date	2/01/2018

Yield Statistics

Bond Year Dollars	\$15,707.75
Average Life	6.124 Years
Average Coupon	2.1665093%
Net Interest Cost (NIC)	2.3624635%
True Interest Cost (TIC)	2.3713369%
Bond Yield for Arbitrage Purposes	2.1573500%
All Inclusive Cost (AIC)	2.6011219%

IRS Form 8038

Net Interest Cost	2.1665093%
Weighted Average Maturity	6.124 Years

Commissioner _____ introduced the following resolution and moved its adoption:

**Resolution Providing for the Sale of
\$2,565,000 General Obligation CIP Bonds, Series 2017A**

- A. WHEREAS, the Board of Commissioners of Le Sueur County, Minnesota has heretofore determined that it is necessary and expedient to issue the County's \$2,565,000 General Obligation CIP Bonds, Series 2017A (the "Bonds"), to finance the construction of a new County highway maintenance shop and a portion of the costs associated with the construction of a new Justice Center; and
- B. WHEREAS, the County has retained Ehlers & Associates, Inc., in Roseville, Minnesota ("Ehlers"), as its independent municipal advisor for the Bonds in accordance with Minnesota Statutes, Section 475.60, Subdivision 2(9);

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of the Le Sueur County, Minnesota, as follows:

- 1. Authorization. The Board of Commissioners hereby authorizes Ehlers to assist the County for the sale of the Bonds.
- 2. Meeting; Proposal Opening. The Board of Commissioners shall meet at 9:00 a.m. on July 18, 2017, for the purpose of considering proposals for and awarding the sale of the Bonds.
- 3. Official Statement. In connection with said sale, the officers or employees of the County are hereby authorized to cooperate with Ehlers and participate in the preparation of an official statement for the Bonds and to execute and deliver it on behalf of the County upon its completion.

The motion for the adoption of the foregoing resolution was duly seconded by Commissioner _____ and, after full discussion thereof and upon a vote being taken thereon, the following Commissioners voted in favor thereof:

and the following voted against the same:

Whereupon said resolution was declared duly passed and adopted.

Dated this 6th day of June, 2017.

County Administrator

June 6, 2017

Pre-Sale Report for

Le Sueur County, Minnesota

\$7,325,000 General Obligation Jail Bonds, Series 2017B



Prepared by:

Bruce Kimmel, CIPMA
Senior Municipal Advisor

And

Todd Hagen, CIPMA
Senior Municipal Advisor

And

Chris Mickelson,
Financial Specialist



Executive Summary of Proposed Debt

Proposed Issue:	\$7,325,000 General Obligation Jail Bonds, Series 2017B
Purposes:	The proposed issue includes financing to fund a portion of the costs associated with construction of the jail and law enforcement center portions of a new justice center, utilizing general obligation (G.O.) bonds to be paid from ad valorem property taxes. The County anticipates issuing one or more series of bonds in 2018 to fund further portions of the justice center construction budget, in an amount to be decided by the County Board later this year or early next year.
Authority:	<p>The Bonds are being issued pursuant to Minnesota Statutes, Chapters 475 and 641. The Bonds will be general obligations of the County for which its full faith, credit and taxing powers are pledged.</p> <p>Minnesota Statute Chapter 641 allows for the issuance of G.O. jail bonds without referendum if the total principal and interest for all jail bonds issued in any year does not exceed 0.09671% of estimated taxable market value within the County. Including this Bond issue, the County has approximately \$3,360,000 in remaining annual debt capacity for jail bond issuance.</p> <p>The Bonds count against the County's overall debt limit for tax-supported debt, in which outstanding principal is limited to 3% of the County's estimated market value. Including this Bond issue (and also the estimated Series 2017A), the County has roughly \$100,925,000 in remaining debt capacity for tax-supported debt.</p>
Term/Call Feature:	<p>The Bonds are being issued for a 20.5-year term. Principal on the Bonds will be due on February 1 in the years 2019 through 2038. Interest is payable every six months beginning August 1, 2018.</p> <p>The Bonds maturing on and after February 1, 2029 will be subject to prepayment at the discretion of the County on February 1, 2028 or any date thereafter.</p>
Bank Qualification:	Because the County is expecting to issue no more than \$10,000,000 in tax exempt debt during the calendar year, the County will be able to designate the Bonds as "bank qualified" obligations. Bank qualified status broadens the market for the Bonds, which can result in lower interest rates.
State Credit Enhancement:	County bond issues for certain facilities, including jails, are authorized to receive credit enhancement from the State, meaning a guarantee to investors that the State will pay debt service if the County somehow fails to do so. Even though the County's Standard & Poor's AA rating is only one notch below the State's AA+ rating, Ehlers has found that investors appreciate the added security of credit enhanced bonds. To qualify for the credit enhancement, the County must pass a resolution of application, and then submit an application and \$500 fee to the State. Ehlers will coordinate the State application process on the County's behalf.



<p>Rating:</p>	<p>The County will utilize the State of Minnesota’s bond rating (Standard & Poor’s AA+) through participating in the State credit enhancement program.</p> <p>The County’s most recent bond issue was rated AA by Standard & Poor’s. The County will request a new rating for this issuance.</p> <p>If the winning bidder elects to purchase bond insurance, the rating for this issue may be higher than the County’s bond rating if the bond rating of the insurer is higher than that of the County.</p>
<p>Basis for Recommendation:</p>	<p>Based on our knowledge of your situation, your objectives communicated to us, our advisory relationship as well as characteristics of various municipal financing options, we are recommending the issuance of general obligation jail bonds as a suitable financing option because:</p> <ul style="list-style-type: none"> - Bank qualified G.O. bonds utilizing a competitive sale process with state credit enhancement provides the lowest possible interest cost; and, - This is the most overall cost effective option that still maintains future flexibility for the early prepayment of debt.
<p>Method of Sale/Placement:</p>	<p>In order to obtain the lowest interest cost to the County, we will competitively bid the purchase of the Bonds from local and national underwriters/banks.</p> <p>We have included an allowance for discount bidding equal to 0.8000% of the principal amount of the issue. The discount is treated as an interest item and provides the underwriter with all or a portion of their compensation in the transaction. If the Bonds are purchased at a price greater than the minimum bid amount (maximum discount), the unused allowance may be used to lower the County’s borrowing amount.</p> <p>Under current market conditions, most investors in municipal bonds prefer “premium” pricing structures. A premium is achieved when the coupon for any maturity (the interest rate paid by the issuer) exceeds the yield to the investor, resulting in a price paid that is greater than the face value of the bonds. The sum of the amounts paid in excess of face value is considered “reoffering premium.” The amount of the premium varies, but it is not uncommon to see premiums for new issues in the range of 2.00% to 10.00% of the face amount of the issue. This means that an issuer with a \$2,000,000 offering may receive bids that result in proceeds of \$2,040,000 to \$2,200,000.</p> <p>For this Bond issuance, it is to be determined if any premium received will reduce the size of the issue or increase the net proceeds of the project. The adjustments may slightly change the true interest cost of the original bid, either up or down.</p>
<p>Review of Existing Debt:</p>	<p>We have reviewed all outstanding indebtedness for the County and find that refunding opportunities may exist for the Series 2006A, 2007A and 2008A issues. To achieve Bank Qualification for this issue and the Series 2017A issue, these refunding opportunities will be considered later this year to allow for a 2018 closing date. We will continue to monitor the market and the call dates for the</p>



	County's outstanding debt and will alert you to any additional future refunding opportunities.
Continuing Disclosure:	Because the County has more than \$10,000,000 in outstanding debt (including this issue) and this issue is over \$1,000,000, the County will be agreeing to provide certain updated Annual Financial Information and its Audited Financial Statement annually as well as providing notices of the occurrence of certain reportable events to the Municipal Securities Rulemaking Board (the "MSRB"), as required by rules of the Securities and Exchange Commission (SEC). The County is already obligated to provide such reports for its existing bonds, and has contracted with Ehlers to prepare and file the reports.
Arbitrage Monitoring:	Because the Bonds are tax-exempt securities, the County must ensure compliance with certain Internal Revenue Service (IRS) rules throughout the life of the issue. These rules apply to all gross proceeds of the issue, including initial bond proceeds and investment earnings in construction, escrow, debt service, and any reserve funds. How issuers spend bond proceeds and how they track interest earnings on funds (arbitrage/yield restriction compliance) are common subjects of IRS inquiries. Your specific responsibilities will be detailed in the Tax Certificate prepared by your Bond Attorney and provided at closing. You have retained Ehlers to assist you with compliance with these rules.
Other Service Providers:	<p>This debt issuance will require the engagement of other public finance service providers. This section identifies those other service providers, so Ehlers can coordinate their engagement on your behalf. Where you have previously used a particular firm to provide a service, we have assumed that you will continue that relationship. For services you have not previously required, we have identified a service provider. Fees charged by these service providers will be paid from proceeds of the obligation, unless you notify us that you wish to pay them from other sources. Our pre-sale bond sizing includes a good faith estimate of these fees, so their final fees may vary. If you have any questions pertaining to the identified service providers or their role, or if you would like to use a different service provider for any of the listed services please contact us.</p> <p>Bond Attorney: Dorsey & Whitney LLP</p> <p>Paying Agent: Bond Trust Services Corporation</p> <p>Rating Agency: Standard & Poor's Global Ratings (S&P)</p>

This presale report summarizes our understanding of the County's objectives for the structure and terms of this financing as of this date. As additional facts become known or capital markets conditions change, we may need to modify the structure and/or terms of this financing to achieve results consistent with the County's objectives.



Proposed Debt Issuance Schedule

Pre-Sale Review by Board of Commissioners:	June 6, 2017
Distribute Official Statement:	Week of June 19, 2017
Conference with Rating Agency:	Week of June 26, 2017
County Board Meeting to Award Sale of the Bonds:	July 18, 2017
Estimated Closing Date:	August 15, 2017

Attachments

- Sources and Uses of Funds
- Proposed Debt Service Schedule
- Resolution Authorizing Ehlers to Proceed with Bond Sale
- Resolution Authorizing Ehlers to Proceed with State Credit Enhancement

Ehlers Contacts

Municipal Advisors:	Bruce Kimmel	(651) 697-8572
	Todd Hagen	(651) 697-8508
	Chris Mickelson	(651) 697-8556
Disclosure Coordinator:	Jen Chapman	(651) 697-8566
Financial Analyst:	Alicia Gage	(651) 697-8551

The Official Statement for this financing will be mailed or e-mailed to the County Commissioners for their review prior to the sale date.



Le Sueur County, Minnesota

\$7,325,000 General Obligation Jail Bonds, Series 2017B

Assumes Current Market BQ AA+ Rates plus 25bps

Credit Enhanced (AA underlying)

Sources & Uses

Dated 08/15/2017 | Delivered 08/15/2017

Sources Of Funds

Par Amount of Bonds	\$7,325,000.00
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Total Sources	\$7,325,000.00
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Uses Of Funds

Total Underwriter's Discount (0.800%)	58,600.00
---------------------------------------	-----------

Costs of Issuance	58,000.00
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Deposit to Project Fund	7,208,400.00
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Total Uses	\$7,325,000.00
-------------------	-----------------------

Series 2017B GO Jail Bond | 6/1/2017 | 10:03 AM



Le Sueur County, Minnesota

\$7,325,000 General Obligation Jail Bonds, Series 2017B

Assumes Current Market BQ AA+ Rates plus 25bps

Credit Enhanced (AA underlying)

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
08/15/2017	-	-	-	-	-
08/01/2018	-	-	181,042.10	181,042.10	-
02/01/2019	210,000.00	1.300%	94,183.75	304,183.75	485,225.85
08/01/2019	-	-	92,818.75	92,818.75	-
02/01/2020	305,000.00	1.400%	92,818.75	397,818.75	490,637.50
08/01/2020	-	-	90,683.75	90,683.75	-
02/01/2021	310,000.00	1.500%	90,683.75	400,683.75	491,367.50
08/01/2021	-	-	88,358.75	88,358.75	-
02/01/2022	315,000.00	1.650%	88,358.75	403,358.75	491,717.50
08/01/2022	-	-	85,760.00	85,760.00	-
02/01/2023	320,000.00	1.800%	85,760.00	405,760.00	491,520.00
08/01/2023	-	-	82,880.00	82,880.00	-
02/01/2024	325,000.00	2.000%	82,880.00	407,880.00	490,760.00
08/01/2024	-	-	79,630.00	79,630.00	-
02/01/2025	335,000.00	2.150%	79,630.00	414,630.00	494,260.00
08/01/2025	-	-	76,028.75	76,028.75	-
02/01/2026	340,000.00	2.300%	76,028.75	416,028.75	492,057.50
08/01/2026	-	-	72,118.75	72,118.75	-
02/01/2027	350,000.00	2.400%	72,118.75	422,118.75	494,237.50
08/01/2027	-	-	67,918.75	67,918.75	-
02/01/2028	355,000.00	2.500%	67,918.75	422,918.75	490,837.50
08/01/2028	-	-	63,481.25	63,481.25	-
02/01/2029	365,000.00	2.600%	63,481.25	428,481.25	491,962.50
08/01/2029	-	-	58,736.25	58,736.25	-
02/01/2030	375,000.00	2.700%	58,736.25	433,736.25	492,472.50
08/01/2030	-	-	53,673.75	53,673.75	-
02/01/2031	385,000.00	2.800%	53,673.75	438,673.75	492,347.50
08/01/2031	-	-	48,283.75	48,283.75	-
02/01/2032	395,000.00	2.900%	48,283.75	443,283.75	491,567.50
08/01/2032	-	-	42,556.25	42,556.25	-
02/01/2033	405,000.00	3.000%	42,556.25	447,556.25	490,112.50
08/01/2033	-	-	36,481.25	36,481.25	-
02/01/2034	420,000.00	3.100%	36,481.25	456,481.25	492,962.50
08/01/2034	-	-	29,971.25	29,971.25	-
02/01/2035	435,000.00	3.200%	29,971.25	464,971.25	494,942.50
08/01/2035	-	-	23,011.25	23,011.25	-
02/01/2036	445,000.00	3.250%	23,011.25	468,011.25	491,022.50
08/01/2036	-	-	15,780.00	15,780.00	-
02/01/2037	460,000.00	3.350%	15,780.00	475,780.00	491,560.00
08/01/2037	-	-	8,075.00	8,075.00	-
02/01/2038	475,000.00	3.400%	8,075.00	483,075.00	491,150.00
Total	\$7,325,000.00	-	\$2,507,720.85	\$9,832,720.85	-

Yield Statistics

Bond Year Dollars	\$87,192.64
Average Life	11.903 Years
Average Coupon	2.8760695%
Net Interest Cost (NIC)	2.9432770%
True Interest Cost (TIC)	2.9248610%
Bond Yield for Arbitrage Purposes	2.8429350%
All Inclusive Cost (AIC)	3.0068545%

IRS Form 8038

Net Interest Cost	2.8760695%
Weighted Average Maturity	11.903 Years

Series 2017B GO Jail Bond | 6/ 1/2017 | 10:03 AM



Le Sueur County, Minnesota

\$7,325,000 General Obligation Jail Bonds, Series 2017B

Assumes Current Market BQ AA+ Rates plus 25bps

Credit Enhanced (AA underlying)

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	105% Overlevy
02/01/2018	-	-	-	-	-
02/01/2019	210,000.00	1.300%	275,225.85	485,225.85	509,487.14
02/01/2020	305,000.00	1.400%	185,637.50	490,637.50	515,169.38
02/01/2021	310,000.00	1.500%	181,367.50	491,367.50	515,935.88
02/01/2022	315,000.00	1.650%	176,717.50	491,717.50	516,303.38
02/01/2023	320,000.00	1.800%	171,520.00	491,520.00	516,096.00
02/01/2024	325,000.00	2.000%	165,760.00	490,760.00	515,298.00
02/01/2025	335,000.00	2.150%	159,260.00	494,260.00	518,973.00
02/01/2026	340,000.00	2.300%	152,057.50	492,057.50	516,660.38
02/01/2027	350,000.00	2.400%	144,237.50	494,237.50	518,949.38
02/01/2028	355,000.00	2.500%	135,837.50	490,837.50	515,379.38
02/01/2029	365,000.00	2.600%	126,962.50	491,962.50	516,560.63
02/01/2030	375,000.00	2.700%	117,472.50	492,472.50	517,096.13
02/01/2031	385,000.00	2.800%	107,347.50	492,347.50	516,964.88
02/01/2032	395,000.00	2.900%	96,567.50	491,567.50	516,145.88
02/01/2033	405,000.00	3.000%	85,112.50	490,112.50	514,618.13
02/01/2034	420,000.00	3.100%	72,962.50	492,962.50	517,610.63
02/01/2035	435,000.00	3.200%	59,942.50	494,942.50	519,689.63
02/01/2036	445,000.00	3.250%	46,022.50	491,022.50	515,573.63
02/01/2037	460,000.00	3.350%	31,560.00	491,560.00	516,138.00
02/01/2038	475,000.00	3.400%	16,150.00	491,150.00	515,707.50
Total	\$7,325,000.00	-	\$2,507,720.85	\$9,832,720.85	\$10,324,356.89

Significant Dates

Dated	8/15/2017
First Coupon Date	8/01/2018

Yield Statistics

Bond Year Dollars	\$87,192.64
Average Life	11.903 Years
Average Coupon	2.8760695%
Net Interest Cost (NIC)	2.9432770%
True Interest Cost (TIC)	2.9248610%
Bond Yield for Arbitrage Purposes	2.8429350%
All Inclusive Cost (AIC)	3.0068545%

IRS Form 8038

Net Interest Cost	2.8760695%
Weighted Average Maturity	11.903 Years

Series 2017B GO Jail Bond | 6/ 1/2017 | 10:03 AM



Commissioner _____ introduced the following resolution and moved its adoption:

**Resolution Providing for the Sale of
\$7,325,000 General Obligation Jail Bonds, Series 2017B**

- A. WHEREAS, the Board of Commissioners of Le Sueur County, Minnesota has heretofore determined that it is necessary and expedient to issue the County's \$7,325,000 General Obligation Jail Bonds, Series 2017B (the "Bonds"), to finance a portion of the costs associated with construction of a new County Jail facility; and
- B. WHEREAS, the County has retained Ehlers & Associates, Inc., in Roseville, Minnesota ("Ehlers"), as its independent municipal advisor for the Bonds in accordance with Minnesota Statutes, Section 475.60, Subdivision 2(9);

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of Le Sueur County, Minnesota, as follows:

- 1. Authorization. The Board of Commissioners hereby authorizes Ehlers to assist the County for the sale of the Bonds.
- 2. Meeting; Proposal Opening. The Board of Commissioners shall meet at 9:00 a.m. on July 18, 2017, for the purpose of considering proposals for and awarding the sale of the Bonds.
- 3. Official Statement. In connection with said sale, the officers or employees of the County are hereby authorized to cooperate with Ehlers and participate in the preparation of an official statement for the Bonds and to execute and deliver it on behalf of the County upon its completion.

The motion for the adoption of the foregoing resolution was duly seconded by Commissioner _____ and, after full discussion thereof and upon a vote being taken thereon, the following Commissioners voted in favor thereof:

and the following voted against the same:

Whereupon said resolution was declared duly passed and adopted.

Dated this 6th day of June, 2017.

County Administrator

Resolution No. _____

Commissioner _____ introduced the following resolution and moved its adoption:

Resolution Authorizing the County to Enter into a Credit Enhancement Program Agreement with the Minnesota Public Facilities Authority

- A. WHEREAS, the County Board of Le Sueur County, Minnesota (the "County") proposes to issue its General Obligation Jail Bonds, Series 2017A (the "Bonds"), the proceeds of which will be used to finance a portion of the construction of a new County Jail facility; and
- B. WHEREAS, the County Board hereby determines it is in the best interest of the County to apply to the Minnesota Public Facilities Authority (the "Authority") for credit enhancement of the Bonds;

NOW, THEREFORE, BE IT RESOLVED by the County Board of Le Sueur County, Minnesota, as follows:

- 1. Approval of the Authority's Credit Enhancement Program Agreement. The Authority's Credit Enhancement Program Agreement (the "Agreement") is hereby approved, the same being before the County Board and made a part of this resolution by reference.
- 2. Authorization to Sign Agreement and Related Forms. The County Board Chair and the County Administrator are authorized to sign the Agreement on the County's behalf and to execute any other related forms prescribed by the Authority with respect to the Agreement.
- 3. Agreement to Comply with Minnesota Statutes, Section 446A.086. The County is entering into the Agreement with the Authority pursuant to Minnesota Statutes, Section 446A.086 (the "Act") and the County hereby agrees to comply with and be bound by the provisions of the Act.
- 4. Submission of the Agreement. The County Board Chair and County Administrator are hereby authorized to submit, on the County's behalf, the Agreement to the Authority, together with the nonrefundable application fee in the amount of \$500.

The motion for the adoption of the foregoing resolution was duly seconded by Commissioner _____ and, after full discussion thereof and upon a vote being taken thereon, the following Commissioners voted in favor thereof:

and the following voted against the same:

Whereupon said resolution was declared duly passed and adopted.

Dated this 6th day of June, 2017.

County Administrator

AFFIDAVIT OF PUBLICATION

(Includes Language Required by 2015 Legislation, Chapter 14, Relating to Mortgage Foreclosure Notices)

STATE OF MINNESOTA)
) ss.
 COUNTY OF LE SUEUR)

Donna Schumacher, being first duly sworn, on oath states as follows:

1. I am the publisher of the **Montgomery Messenger**, or the publisher's designated agent. I have personal knowledge of the facts stated in this Affidavit, which is made pursuant to Minnesota Statutes §331A.07.

2. The newspaper has complied with all of the requirements to constitute a qualified newspaper under Minnesota law, including those requirements found in Minnesota Statutes §331A.02 and §331A.06.

3. The dates of the month and the year and day of the week upon which the public notice attached/copied below was published in the newspaper are as follows:

Thursday, May 18, 2017
M-159: Le Sueur County June 6 Hearing Notice

4. [NEW] Mortgage Foreclosure Notices [Effective 7/1/15]. Pursuant to Minnesota Statutes §580.033 relating to the publication of mortgage foreclosure notices: The newspaper's known office of issue is located in Le Sueur County. The newspaper complies with the conditions described in §580.033, subd. 1, clause (1) or (2). If the newspaper's known office of issue is located in a county adjoining the county where the mortgaged premises or some part of the mortgaged premises described in the notice are located, a substantial portion of the newspaper's circulation is in the latter county.

Donna Schumacher

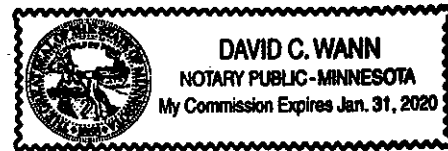
 [Signature]

Subscribed and sworn to before me on
 this 18TH day of

MAY 2017

David C. Wann

 Notary Public



Montgomery Messenger
 Suel Printing Company
 Contact: Donna
 310 First Street South
 Montgomery, MN 56069
 952-758-4435 Fax: 952-758-4135
 legals@newpraguetimes.com

[FORM Rev. 6/15]

PUBLIC NOTICE

NOTICE OF PUBLIC HEARING
LE SUEUR COUNTY
STATE OF MINNESOTA

NOTICE IS HEREBY GIVEN that the Board of Commissioners of Le Sueur County, State of Minnesota (the "County"), will hold a public hearing on Tuesday, June 6, 2017 at approximately 9:00 A.M. in the Board Chambers at the County Government Center, 88 South Park Avenue, Le Center, Minnesota, relating to a proposal concerning (1) the adoption of a five year capital improvement plan (the "Plan") and (2) the issuance of general obligation bonds (the "Bonds") to finance various capital improvements within the County pursuant to Minnesota Statutes, Section 373.40. The maximum principal amount of the Bonds to be issued under the Plan is \$2,600,000 for projects identified in the Plan. A draft copy of the Plan is on file with the County Administrator and is available for public inspection at the County Courthouse during regular business hours.

If a petition requesting a vote on the issuance of the Bonds, signed by voters equal to five percent (5%) of the votes cast in the last County general election, is filed with the County Auditor within thirty (30) days after the public hearing, the County may issue the Bonds only after obtaining approval of a majority of voters voting on the question of the issuance of the Bonds at an election.

At the time and place fixed for the public hearing, the Board of Commissioners will give all persons who appear at the hearing an opportunity to express their views with respect to the proposal. In addition, interested persons may direct any questions or comments regarding the proposal with the County Administrator at or prior to said public hearing.

BY ORDER OF THE BOARD OF COMMISSIONERS
OF LE SUEUR COUNTY, MINNESOTA

 County Administrator
 (Published in the Montgomery Messenger, Thursday, May 18, 2017, No. M159-5-18)

Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 3

9:15 a.m. Claims (5 min)

Staff Contact:



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 4

9:20 a.m. Human Services

RE: Fraud Prevention Contract

Staff Contact:

**REGIONAL ADMINISTRATIVE AGENCY
COOPERATIVE AGREEMENT
FRAUD PREVENTION INVESTIGATION PROGRAM**

This Agreement by and between Minnesota Prairie County Alliance, acting as the lead agency for the regional Fraud Prevention Investigation (FPI) program (hereinafter REGIONAL ADMINISTRATIVE AGENCY) and Le Sueur County through its Human Services Department (hereinafter COUNTY AGENCY).

WHEREAS, the REGIONAL ADMINISTRATIVE AGENCY contracts with the State of Minnesota's Department of Human Services, Financial Fraud and Abuse Investigations Division (hereinafter STATE) to administer the FPI program in Le Sueur County, under contract number GRK%124888 which is incorporated herein by reference.

WHEREAS, the intent of this Agreement achieves mutually beneficial goals by establishing the organizational and operational structures for providing FPI services to counties in a geographical area in accordance with operational requirements, forms and reporting mechanisms as contained in the FPI Program Guidelines (FPI Guidelines) which are incorporated herein by reference.

NOW, THEREFORE, it is agreed:

1. **TERM OF AGREEMENT.**

1.1 **Effective date.** The effective date of this Agreement is July 1, 2017.

1.2 **Expiration date.** The expiration date of this Agreement is June 30, 2019

2. **COUNTY AGENCY DUTIES.** The COUNTY AGENCY will:

2.1 Cooperate with the STATE and the FPI REGIONAL ADMINISTRATIVE AGENCY in fulfilling goals and objectives of the FPI Program pursuant to the FPI Guidelines, United States laws, federal regulations, State of Minnesota (State or state) laws, applicable Department rules and county ordinances.

2.2 Cooperate with the REGIONAL ADMINISTRATIVE AGENCY in monitoring fraud referrals, completed investigations and case actions taken as a result of fraud prevention investigations.

2.3 Cooperate with the REGIONAL ADMINISTRATIVE AGENCY and the STATE in submission of narrative, financial and/or statistical reports either as required in FPI Guidelines or as requested by the STATE.

2.4 Ensure that eligibility workers under its control make FPI referrals to the investigator representing the REGIONAL ADMINISTRATIVE AGENCY, cooperate with case action reporting requirements and participate in funded FPI program related training.

2.5 Evaluate FPI referral rates among COUNTY AGENCY eligibility workers in order to help identify fraud detection training needs.

2.6 Refer for criminal prosecution public assistance recipients and providers who have committed intentional program violations (IPV) or, when such prosecutions are declined

by a COUNTY AGENCY attorney or the COUNTY AGENCY decides not to pursue criminal prosecution of an IPV, pursue administrative disqualification of a provider or recipient in lieu of criminal prosecution in compliance with Minnesota Statutes, section 256.046.

3. **REGIONAL ADMINISTRATIVE AGENCY DUTIES.** The REGIONAL ADMINISTRATIVE AGENCY will:
 - 3.1 Provide FPI services and report FPI Program activity to the COUNTY AGENCY.
 - 3.2 Use qualified investigative staff to provide FPI services.
 - 3.3 Annually provide training to COUNTY AGENCY eligibility workers in fraud detection to assist them in identifying cases that should be referred. Provide training to COUNTY AGENCY eligibility workers on FPI forms and procedures.
 - 3.4 Assist the COUNTY AGENCY in the identification and disqualification of individuals through the administrative disqualification hearing process when a completed fraud prevention investigation identifies an intentional program violation and no criminal action is contemplated.
4. **CONSIDERATION AND PAYMENT.** There will be no funds paid out by either agency under this Agreement. Each agency will be responsible for its own costs in performing its stated duties.
5. **AUTHORIZED REPRESENTATIVES.**
 - 5.1 **REGIONAL ADMINISTRATIVE AGENCY.** The REGIONAL ADMINISTRATIVE AGENCY's authorized representative is Cathy Skogen or his/her successor.
 - 5.2 **COUNTY AGENCY.** The COUNTY AGENCY's authorized representative is Susan Rynda or his/her successor.
6. **ASSIGNMENT.** COUNTY AGENCY shall neither assign nor transfer any rights or obligations under this Agreement without the prior written consent of the REGIONAL ADMINISTRATIVE AGENCY.
7. **AMENDMENTS.** Any amendments to this Agreement shall be in writing, and shall be executed by the same parties who executed the original Agreement, or their successors in office.
8. **CANCELLATION.** This Agreement may be canceled by the REGIONAL ADMINISTRATIVE AGENCY or COUNTY AGENCY at any time, with or without cause, upon thirty (30) days written notice to the other party.
9. **STATE AUDITS.** Under Minn. Stat. §16C.05, subd. 5, the books, records, documents, and accounting procedures and practices of the COUNTY AGENCY and its employees, agents, or subcontractors relevant to this contract shall be made available and subject to examination by the REGIONAL ADMINISTRATIVE AGENCY and STATE, including the FPI contracting Agency/Division, Legislative Auditor, and State Auditor for a minimum of six years from the end of this Agreement.
10. **INFORMATION PRIVACY AND SECURITY.** For purposes of executing its responsibilities and to the extent set forth in this Agreement, the COUNTY AGENCY will be processing health care bills or payments on behalf of the State, and/or conducting other health care operations on behalf of

State. In carrying out its duties, COUNTY AGENCY will be handling protected health information and other private information concerning individual State clients. As such, COUNTY AGENCY agrees to be bound by the state and federal laws protecting the privacy of information, including the Data Practices Act, Minnesota Health Records Act, Health Insurance Portability Accountability Act (HIPAA), Health Information Technology for Economic and Clinical Health Act (HITECH) (42 USC 201 note, 42 USC 17931), and federal drug and alcohol treatment regulations.

Because COUNTY AGENCY is handling protected health information and providing health care services to clients on behalf of State, COUNTY AGENCY must comply with the terms of the Information Privacy Agreement signed by its County Administrator and the STATE, which is on file in the State Privacy Official's Office located at State's Central Office, 540 Cedar Street, St. Paul, MN 55164-0998 and is incorporated herein by reference.

11. **LIABILITY.** The COUNTY AGENCY and the REGIONAL ADMINISTRATIVE AGENCY agree that each party will be responsible for its own acts and the results thereof to the extent authorized by law and shall not be responsible for the acts of the other and the results thereof. The COUNTY AGENCY and the REGIONAL ADMINISTRATIVE AGENCY liabilities shall be governed by the provisions of the Municipal Tort Claims Act, Minnesota Statutes, section 466.01 to 466.15, and other applicable law.

12. **DEBARMENT BY STATE, ITS DEPARTMENTS, COMMISSIONS, AGENCIES OR POLITICAL SUBDIVISIONS**

COUNTY AGENCY certifies that neither it nor its principals is presently debarred or suspended by the state, or any of its departments, commissions, agencies, or political subdivisions. COUNTY AGENCY'S certification is a material representation upon which this contract is based. COUNTY AGENCY shall provide immediate written notice to the REGIONAL ADMINISTRATIVE AGENCY'S Authorized Representative if at any time it learns that this certification was erroneous when submitted or becomes erroneous by reason of changed circumstances.

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNATRY EXCLUSION

Federal money will be used or may potentially be used to pay for all or part of the work under the grant contract, therefore the COUNTY AGENCY must certify the following, as required by the regulations implementing Executive Order 12549. COUNTY AGENCY'S certification is a material representation upon which this contract award is based.

CERTIFICATION REGARDING DEBARMENT, SUSPENSION INELIGIBILITY AND VOLUNTARY EXCLUSION- LOWER TIER COVERED TRANSATIONS

1. The prospective lower tier participant certifies, by submission of this contract, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
 2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this contract.
13. **JURISDICTION AND VENUE.** This contract, and amendments and supplements thereto, shall be governed by the laws of the State of Minnesota. Venue for all legal proceedings arising out of

this contract, or breach thereof, shall be in the state or federal court with competent jurisdiction in REGIONAL ADMINISTRATIVE AGENCY'S County, Minnesota.

14. **WAIVER.** If the REGIONAL ADMINISTRATIVE AGENCY fails to enforce any provision of this contract, that failure does not waive the provision or the REGIONAL ADMINISTRATIVE AGENCY'S right to enforce it.
15. **CONTRACT COMPLETE.** This contract contains all negotiations and agreements between the REGIONAL ADMINISTRATIVE AGENCY and the COUNTY AGENCY. No other understanding regarding this contract, whether written or oral may be used to bind either party.
16. **OTHER PROVISIONS.** None.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed intending to be bound thereby.

APPROVED:

COUNTY AGENCY:

REGIONAL ADMINISTRATIVE AGENCY:

BY: _____

BY: _____

TITLE: _____

TITLE: _____

DATE: _____

DATE: _____



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 5

9:22 a.m. Pam Simonette, Auditor / Treasurer

RE: County Credit Card Request for Richard Droog, Sheriff's Office

RE: Repurchase for Theresa Johnson

Staff Contact:



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 6

9:25 a.m. Nik Kadel, Ditch Inspector (15 minutes)

Staff Contact:

Le Sueur County Ditch Report: 4/1/17 ■ =New ■ =Closed white=current ■ = In Review

Drainage	DB Repair #	Date Received	Township	Section	Landowner	Person Requesting Repair	Problem/Proposed Work	Contractor	Cost Estimate	Start Date	Project complete Date	Final Bill Invoice	Notes
CD2	17-034	5/12/2017	Sharon	14	Christian Family LP	Arlen Krugerud	Culvert holding water and flooding corner of of farm land.						Planting 5/13/17, need to wait till fall to get work done.
CD6	16-057	10/10/2016	Montgomery	17	VLASAK FARMS		culvert needs to be installed	selly		10/10/2016	12/10/2016	\$ 8,398.56	spot cleaning was done, need meeting with selly.
CD6	16-028	10/4/2016	Montgomery	7	RYNDA, WILLIAM J	Jerry Selly	Culvert Replacements (2) on each end of the line, the work is done, this is for follow up repairs.	Selly		10/4/2016	12/1/2016	\$ 18,610.00	Selly did cleaning and came back to do repairs on culvert. These are to different repairs tied to one project on CD6.
CD15	16-033	10/18/2016	Kilkenny	22	MCGILLEN, JOHN E & PAMELA K	MCGILLEN, JOHN E & PAMELA K		Barnette		12/23/2016			Barnettes will be removing beaver dams.
CD15	17-011	3/24/2017	Kilekenny	22	McGILLEN, JOHN E & PAMELA K	mcGILLEN, JOHN E & PAMELA K	Asked for a general cleanout around his property.	Barnette	5950	4/1//2017			Need to site inspection to check on progress.
CD16	16-037	11/1/2016	Montgomery	18	TRINKA, BETTY A		Culvert is failing, needs field review.						Culvert needs cleaning around it
CD16	16-040	11/3/2016	Lexington	13	NYTES, JAMES L & RUTH A		clean out to the lake. Need DNR permits to proceed. Water control structure?						waiting on DNR water permit
CD16	16-041	11/3/2016	Montgomery	18	TRINKA, BETTY A		clean out, need DNR permits, control structure?	selly?	20566.4				Waiting for dnr permits
CD21	16-007	4/25/2016	Lexington	28		Joe Schloesser	washing out next to culvert in driveway						Sent letters, no response
CD22	16-062	12/30/2016	Montgomery	10	SENECA FOODS CORP	Chris Reomhell	Needs to be checked out, wants cleaning done before or by spring. Needs to be checked with county.	Selly	N/A	2/1/2017		\$ -	The city of Montgomery is in charge of this ditch
CD23	16-024	9/29/2016	Lexington	20	WIELAND, ROBERT A & CYNTHIA		washouts due to heavy rain. side inlets? ditch plugged						Did a ditch spection on about half the ditch. It's going to need a lot of work and a redetermination. Having a meeting with board about how to proceed.
CD23	16-044	11/14/2016				Don Westerman	Don Westerman wants the outlet structure for marks lake repaired before any ditch clean out takes place. Site needs to be visited and photos taken winter of 2016-17.						drop inlet structure needs replacment.

Le Sueur County Ditch Report: 4/1/17 ■ =New ■ =Closed white=current ■ = In Review

CD28	17-023	4/26/2017	Derrynane	10	Woestehoff, David J & Krista	Woestehoff, David j & Krista	Collapsing culvert, cannot safely get equipment over crossing.	Selly		5/17/2017			Inspected and waiting for Selly adive to see if he can save culvert or if we have to order a new one.
CD31	16-055	12/5/2016			JAHN,BRIAN C FAMILY LP	john Widmer	where 31 and 44 meet is clogged with grass.						needs inspection once snow melts.
CD36	17-001	1/3/2017	Elysian	3	SPRAGUE,JOHN & LISA	jack sprague	The control structure in which the ditch runs through needs to be checked out once the water is on a low point.						needs inspection once water drops to check structure.
CD37	17-020	4/24/2017	Cleveland	7	Dickie & Ellen Graydon	Robert Krenik	General ditch cleanout starting from last falls.	Zimmerman	N/A	5/4/2017	5/12/2017	\$ 9,585.00	Ditch is cleaned and everything looks good!
CD38	17-010	3/23/2017	Kilkenny	26	Braun, Josephine ann	Jerome Miller	Water backing up along a few culverts back in the wetlands.						Did an inspection and found that 2 culverts need to be repaired immediately. However it will be tough for equipment to operate and it will have to be colder to do work. Need to find a contractor.
CD38	16-053	11/30/2016	Kilkenny	27	STANGLER FAMILY FARM LLC	STANGLER FAMILY FARM LLC	Remove 2 culverts that are restricting flow. Stangler also wants remove the crossing. He says he can get a contractor to do the work for cheaper.						This is at landowner cost. Need to keep in contact just to see what he does. The county will not pay for it. Culverts are removed needs a quick drive by.
CD40	16-061	42725	Montgomery	22	BAUER,LEROY O & BONNIE	BAUER,LEROY O & B	LO stopped in saying lots of sloughing and erosion along his land and further along the ditch						Has been inspected, needs more investigation and more work for the future.
CD40	17-004	1/12/2017	Montgomery	26	KORBEL,DALE & ALICIA	Dan Gregor	Banks are sloughing from excess rains and water						Need to site inspection for work
CD40	16-014	9/21/2016	Montgomery	28	KRAUTKREMER,DENNIS		Ditch has been cleaned out and install a 30' culvert	Havel					Land was too wet to finish cleaning by havel.
CD40	17-003	1/4/2017	Montgomery	28	WENKER,JOHN D & THERESA	Krautkramer	needs ditch clean out	Havel	7000				in progress

Le Sueur County Ditch Report: 4/1/17 ■=New ■=Closed white=current ■= In Review

CD41	17-013	3/31/2017	Lexington	30	Beers	Jerry Cooney	Tile Holding back water. Needs to be replaced or fixed.	Selly		3/31/2017		\$ 6,306.30	Tile inlet by the road was cleaned and water was drained, it will be a tile project for the future.
CD43	17-007	2/3/2017	Lexington	21	MORAVEC, JACQUELYN M		water not being able to get into Tyler lake						OWL is being determined by the DNR. We have to hold off work until we have word from them.
CD44	16-035	10/20/2016	Lanesburgh	20	TIEDE, RUSTY & NANCY	Rusty Tiede	Rusty Tiede called in to office describing water backing up in Main of CD#44. Problem he said appears to be downstream.						CD 44 needs inspection for a few problems
CD44	16-045	42690	Lanesburgh	20	STELLA, MICHAEL J & SHIRLEY A		LO has requested that the ditch crossing be repaired.	Selly		4/28/2017			Culvert has been inspected and culvert has been ordered. Waiting for dry weather to install.
CD44	16-054	11/30/2016	Lanesburgh	7	JAHN, BRIAN C FAMILY LP	John Widmer	plugged with grass at the point where 31 and 44 meet up.						
CD44	16-038	11/1/2016				Rusty Tiede	Collapsed culvert	Braith Excavating		11/1/2016	12/7/2016	\$ 1,445.00	done
CD45	16-048	11/21/2016	Derrynane	33	BLASCHKO, DANIEL L	BLASCHKO, DANIEL L	sloughing 40 yards from road. NE side of 221						will have to be checked east of shae lake for repairs.
CD45	17-028	5/8/2017	Derrynane	33	DNR Real Estate MGT	Rusty Tiede	Beaver Dams back along shae lake in the county ditch.			5/16/2017			I have got a DNR beaver permit and trapper to catch the beaver first before I move to have the dams cleaned.
CD45	17-029	42883	Derrynane	34	Binczik, Dianne C	Rusty Tiede	Culvert crossing is being washed out, culvert is good but crossing is	Selly		42872			Selly is going to get me an estimate on what it will cost to repair the culvert.
CD46	16-060	2016-12-13	Montgomery	28	PICKA FAMILY FARM TRUST	PICKA FAMILY FARM TRUST	A crossing has been eroding away and needs repair.						Came in about crossing eroding away, talked to havel about fixing it when he is working on the CD40 crossing.

Le Sueur County Ditch Report: 4/1/17 ■=New ■=Closed white=current ■= In Review

CD46	16-025	2016-09-29	Montgomery	28	KRAUTKREMER,GENE O & LINDA C		Culvert in Disrepair. Rotting out.	Havel					Talked to havel, he said he has not had time to replace culvert. Will get to it this spring.
CD47	16-043	11/14/2016	Cleveland	19			Apply for DNR Public Water Permit to clean out into the cattails. All work north of HWY 99 will take place once permit is approved.	Zimmerman		4/28/2017	5/16/2017	\$ 1,485.00	Zimmerman has cleaned the ditch and bill has been sent to court house.
CD48	16-032	10/14/2016	Montgomery	6	AUGST,NORMAN A & PATRICIA	Brian Rynda	Culvert for field crossing is rusted out and collapsing	Braith Excavating		10/14/2016	12/21/2016	\$5,270.90	
CD51	17-006	2/2/2017				Anthony Beers	Check to see if needs ditch cleaning						need inspection.
CD53	17-032	5/12/2017	Lexington	17	Erkel, Floyd & Ellen	Erkel, Floyd & Ellen	Needs ditch clean out, thinking something could be holding water futhur up the ditch.	Zimmerman		5/12/2017		\$ 9,135.00	Ditch cleaned. Future work further up ditch?
CD58	17-012	3/28/2017	Cleveland	34	Steve Matejcek	Steve Matejcek	Wants ditch cleaned all the way to the lake.						Holding off work.
CD58	17-018	4/19/2017	Cleveland	29	Struck, Gerald A	Lynn Loeffler	Slough in ditch holding back water, a stuck prop?						Holding off work.
CD59	16-017	9/23/2016	Elysian	3	DOMONOSKE,DONALD & JUDY	Donald Domonoske		Zimmerman		10/3/2016	11/21/2016	\$ 6,240.00	Work has been finished and paid for. This was left in progress because more calls about different parts needing cleaning.
CD59	16-018	2016-09-23	Elysian	11	QUAST,MILO & VIVIAN	Donald Domonoske	Sloughs and build a diversion on the east end to the waterway on co. hwy 7.	Zimmerman		9/23/2016	12/7/2016	\$6,240.00	
CD59	17-014	4/3/2017	Elysian	9	QUAST,MILO & VIVIAN	Curt Ballman	Ditch cleaning	Zimmerman		4/28/2017	5/26/2017	\$ 1,710.00	Ditch had a lot of sediment from land owner who requested cleaning. Needs buffers and different practices.
CD60	17-031	5/9/2017	Cordova	18	Ebert, Nathan J	Lloyd Tiede	Large ditch cleaning and water backing up on to farm land.	Zimmerman	\$17,000.00	5/9/2017	5/30/2017	\$ 23,155.00	Letters have been sent out and we are working with land owners to get the ditch cleaned before planting season.

Le Sueur County Ditch Report: 4/1/17 ■=New ■=Closed white=current ■= In Review

CD61	16-013	9/20/2016	Cordova	23	THEIS,JOHN L & CANDI L	David Novotny	Find where the tile has been plugged or blown out, repair that area to get water flowing again, were told to get a cost estimate before work could be done	Pat Traxler		3/31/2017			Traxler Thinks the problem is the tile in the easment land on the McGillen land. Will have to look into it in the future. Waiting on invoice!
CD61	17-021	4/21/2017	Cordova	23	McGILLEN,JOHN E & PAME	David Novotny	Tile Holding back water. Needs to be replaced or fixed.						Needs to be inspected to find problems.
CD63	17-009	2017-15-3	Montgomery	35	Trcka, Steve & Theresa	Mark Chicoine	Needs inspections for cleaning, there is sloughing.						needs inspection. Holding off work
CD64	17-024	4/28/2017	Cordova	17	Moudry, James	Melvin Schley	Ditch needs cleaning, had a few land owners come in and inspected the ditch futher.	zimmerman		4/28/2017	5/20/2017	\$ 6,435.00	Ditch cleaned! Spoils spread!
CD68	17-028	5/4/2017	Cordova	27	Novotny, Marvin G	Roger Hoenstadt	past ditch work not seeding and a inlet being washed out.						Needs an inspection.
CD70	16-026	9/29/2016	Tyrone	16	O'BRIEN,MARY GRACE	Dale Kessler	Sediment and vegetation has built up and ditch needs cleaning.	Selly	22260	9/29/2016	12/12/2016	\$ 45,177.30	Work has been finished and he has been paid for. Left open because I want to inspect work.
JD1 SCOTT	16-004	4/19/2016	Tyrone	9			Needs cleaning of vegetation in the channel, ditch was inspected from 169 to hwy 19, pictures show a multiple problem areas and vegetation restricting flow in the channel	Selly		9/22/2016	12/15/2016	\$ 42,723.48	cleaning and culvert installed. Selly needs to touch up the culvert with more fill. Will need to be inspected spring.
JD4 SCOTT	16-031	10/11/2016	Tyrone	2	HARDWICK,ALDEN E & MARY M	Randy Oldenberg	Look for blockage	SK truck & Excavating		10/27/2016	12/15/2016	\$ 4,330.00	Spot cleanout finished. Need to add Shannon Kotasek to DDB. Needs inspection.
JD4 SCOTT	16-058	12/12/2016	Tyrone	1	LINDEMAN,LLOYD	Lyle Wagner	Lyle wagner stopped in saying that he and a few neighbors think the ditch will have to be cleaned out						Needs inspection this spring.
JD4 SCOTT	17-025	4/28/2017	Derrynane	6	Schwartz, Leroy J & Patricia		Branch K tile is collapsed is 2 places and needs to be repaired.	Selly	13125	4/25/2017			Selly is working on repairing the tile.

JD4 SCOTT	17-026	4/4/2017	Derrynane	5	Neisen, Albertus & Elizabeth		There are a lot of complaints about tile blockages and flow.	Selly and Empire PipeServices		4/12/2017	4/24/2017	\$ 5,903.00	Did a Tile Televising and Nothing went to plan. Water was too high and too murky to get a good view. So I cut it early. I suggest doing this in the fall before the snowfall and less water.
JD5 RICE	17-002	1/3/2017	Kilkenny	10	SCHULTZ,JERRY L	ken kline	In the Cannon River section of kilkenny, below Dora. Need to ok with DNR and Knish. the Bill should be split equally between JD5, CD40, CD57 and CD63- these are backed up by beaver dams with in the area.						needs action.
JD15 BE	17-008	2/16/2017	Washington	14	MCCARTHY,JAMES R	Mark Krenik	ditch clean out.	zimmerman	5500				Ditch has had inspection and found out that there is a joint survey going on. Waiting for redetermination and survey to be done.



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 7

9:40 a.m. Human Resources (5 minutes)

Staff Contact:



Human Resources

88 SOUTH PARK AVENUE • LE CENTER, MINNESOTA 56057
Telephone: 507-357-8517 • Fax: 507-357-8607
Cindy Westerhouse – Human Resources Director

HUMAN RESOURCES AGENDA ITEMS June 6, 2017

Recommendation to approve the Public Employees Retirement Association Policy Officer Declaration for Richard Droog, effective May 16, 2017.

Recommendation to hire Caitlin Meyer as a full time Case Aide in Human Services, as a Grade 4, Step 1 at \$15.97 per hour, effective June 26, 2017.

Recommendation to hire Tyler Luethje as a full time Parks Director/Ag Inspector in the Parks Department, as a Grade 11, Step 1 at \$24.01 per hour, effective June 26, 2017.

Recommendation to hire Stephanie Brockway as a full time Accounting/Licensing Clerk in the Auditor-Treasurer's Office, as a Grade 7, Step 1 at \$19.00 per hour, effective June 26, 2017.

Recommendation to grant regular status to Robert Whipps, full time Assistant County Attorney in the County Attorney's Office, effective May 29, 2017. Robert has completed the six-month probationary period.

Equal Opportunity Employer



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 8

9:45 a.m. Amy Beatty (5 minutes)

RE: Solid Waste Permit Applications

Staff Contact:



ENVIRONMENTAL SERVICES

Mailing Address: 88 South Park Avenue, Le Center, MN 56057
Physical Address: 515 South Maple Avenue, Le Center, MN 56057
Direct Dial: 507-357-8538 Fax: 507-357-8541
Email: environmentalservices@co.le-sueur.mn.us
County Website: www.co.le-sueur.mn.us

DATE: Friday, June 02, 2017
TO: Le Sueur County Board of Commissioners
FROM: Amy Beatty, Le Sueur County Environmental Programs Specialist
RE: 2017-2018 Solid Waste License Applications

Collection and Transportation

The following companies have applied for a license to collect and transport solid waste and recyclables in Le Sueur County.

Waste Management of Minnesota – Mankato, MN – 31 Trucks - \$1,135.00

Waste Management of Minnesota will be serving all of Le Sueur County. The destination of the recycling materials will be their own facilities in Le Sueur County. The destination of the solid waste will be Hennepin County Resource Co. – Minneapolis, NRG – Newport, Rice County Landfill – Dundas, Dickinson County Landfill – Spirit Lake, IA, Spruce Ridge Res. Mgmt – Glencoe, NRG – Elk River, Burnsville Landfill – Burnsville, Elk River Landfill – Elk River, SMC – Mankato, Hoffman Demo Landfill – New Ulm, Central Disposal Landfill – Lake Mills, IA, NRG – Empire – Rosemount, Brown County Landfill – Sleepy Eye, Prairieland Compost – Truman, Valley Demo & Recycling – New Ulm, Steele County Landfill – Blooming Prairie, Spruce Ridge Landfill – Glencoe, Ponderosa Landfill – Mankato, and Minnesota Waste Processing - Mankato. The company has provided proof of insurance and bonding.

West Central Sanitation – Willmar, MN – 3 Trucks - \$155.00

West Central Sanitation will be serving the cities and townships of Elysian and Waterville. The destination of the solid waste and recycling materials will be Ponderosa Landfill – Mankato and Minnesota Waste Processing - Mankato. The company has provided proof of insurance and bonding.

Recycling Facility

The following company has applied for a license to operate a recycling facility in Le Sueur County.

Waste Management of Minnesota – Mankato, MN - \$200.00

Waste Management of Minnesota will be serving Le Sueur, Nicollet, and Sibley Counties. The company has provided proof of insurance and bonding.

Transfer Station

The following company has applied for a license to operate a transfer station in Le Sueur County.

Waste Management of Minnesota – Mankato, MN - \$675.00

Waste Management of Minnesota will be serving Le Sueur, Nicollet, and Sibley Counties. The company has provided proof of insurance and bonding.

Upcoming Solid Waste Event

Saturday, June 10, 2017 – Annual Tire, Appliance, and Electronics Collection Day from 8 am to 1 pm at the Le Sueur County Highway Department in Le Center (515 South Maple Avenue/County Road 114).



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 9

9:50 a.m. Chad Washa (10 min)

RE: Le Sueur County Fair Proposed Projects

Staff Contact:

LE SUEUR COUNTY FAIR

(PROPOSED PROJECTS)

April 12, 2017

COMMERCIAL BUILDING PROJECT:

---Northland Corporation (50" fan & controls)	1,700.00
---Miller Electric (panel upgrade & fan wiring)	1,950.00
---Barber Fabrication (installation of fan)	<u>1,000.00</u>
Total	\$4,650.00

TICKET BOOTHS:

---Barber Fabrication (construct 2 additional booths @1,000)	<u>2,000.00</u>
Total	\$2,000.00

CHILDREN'S BARNYARD PENS:

---four 4' x 6' x 38" pens (Triton Barn Systems) (25 year paint warranty)	2,500.00
Total	<u>\$2,500.00</u>

EAST MORTON BUILDING DOOR SUNSHADE:

---(to protect animals & spectators)	<u>300.00</u>
Total	\$300.00

Total for all projects \$9,450.00



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 10

10:00 a.m. German Jefferson Public Hearing (30 min)

RE: ORDINANCE PROVIDING FOR THE CONTINUOUS COMPLIANCE OF SUBSURFACE SEWAGE TREATMENT SYSTEMS WITHIN THE GERMAN-JEFFERSON SUBORDINATE SERVICE DISTRICT

Staff Contact:

LE SUEUR COUNTY ORDINANCE NO. ____

**ORDINANCE PROVIDING FOR THE CONTINUOUS COMPLIANCE OF
SUBSURFACE SEWAGE TREATMENT SYSTEMS WITHIN THE
GERMAN-JEFFERSON SUBORDINATE SERVICE DISTRICT**

WHEREAS, the County established the German-Jefferson Subordinate Service District (the District) to address an area with a high density of known and suspected wastewater concerns within the County;

WHEREAS, the wastewater concerns within the District have the potential to impact public health and water quality;

WHEREAS, the County inspected and inventoried a high percentage of SSTs within the District and confirmed the County's wastewater concerns within the District;

WHEREAS, the County conducted numerous public meetings to elicit public input from residents in the District on various options for addressing wastewater concerns within the District;

WHEREAS, the overwhelming consensus from District residents was that continuous compliance of SSTs, through rigorous inspection and enforcement, was the preferred option for addressing wastewater concerns within the District;

WHEREAS, the County's existing SSTs regulation in Section 17 of the Le Sueur County Zoning Ordinance (Existing Ordinance) does not provide for an inspection program to ensure continuous compliance.

WHEREAS, the County has determined that District residents' demands for rigorous inspection and enforcement processes is appropriate and will properly address wastewater concerns within the District;

WHEREAS, a new District-specific ordinance is necessary in order to implement the rigorous inspection and enforcement processes demanded by resident of the District, which shall take effect after the final compliance deadline in the Existing Ordinance.

NOW THEREFORE, the Le Sueur County Board hereby ordains:

SECTION 1. Purpose. The District was established for the purpose of addressing wastewater issues around German and Jefferson Lakes. The purpose of this Ordinance is to establish a rigorous compliance program for the inspection and enforcement of established standards for wastewater treatment systems within the District to ensure continuous compliance.

[15741-0019/2604022/1]

SECTION 2. Effective Date. This Ordinance shall take effect on January 1, 2018.

SECTION 3. Definitions.

Certificate of Compliance: A document, written after a compliance inspection, from an Inspector, certifying that an SSTS is in compliance with the applicable requirements of Minnesota Rules, Chapters 7080 to 7083, as amended and the Existing Ordinance at the time of the inspection.

Cluster System: An SSTS under some form of common ownership or operation that collects wastewater from three or more dwellings or structures and conveys it to a treatment and dispersal system located on an acceptable site near the dwellings or structures.

Compliance Inspection: An evaluation, investigation, inspection, or other process for the purpose of issuing a certificate of compliance or notice of noncompliance.

Department: The Le Sueur County Department of Environmental Services.

District: The German-Jefferson Subordinate Service District established by the Le Sueur County Board.

Holding Tank: A tank for storage of sewage until it can be transported to a point of treatment and dispersal as defined in Minnesota Rules, Chapter 7080.1100, subpart 41, as amended.

Inspection Report: A Certificate of Compliance or Notice of Noncompliance, together with the Le Sueur County Certification Form, signed and sworn by an Inspector.

Inspector: An individual qualified to review proposed plans and inspect on-site sewage treatment systems and who has been certified and/or issued a license from the Agency.

Jefferson-German Lakes Septic Inventory Project-JGSIP: The voluntary Jefferson-German Lakes Septic Inventory Project (JGSIP) initiated on March 29, 2011 by Le Sueur County within the boundaries of the Jefferson-German Subordinate Service District.

Licensed Business: A business that designs, installs or maintains, repairs, pumps, operates, or inspects SSTS.

MPCA: Minnesota Pollution Control Agency; referred to as “the Agency”

[15741-0019/2604022/1]

throughout this Ordinance.

Notice of Noncompliance: A document written and signed by a certified inspector after a compliance inspection that gives notice that an SSTS is not in compliance as specified under Minnesota Rules 7080.1500, as amended.

Subsurface Sewage Treatment System (SSTS): Either an individual subsurface sewage treatment system (ISTS) or a mid-sized subsurface sewage treatment system (MSTS) as defined in Chapters 7080 and 7081, as amended.

Subsurface Sewage Treatment System, Individual (ISTS): A subsurface sewage treatment systems as defined in Minnesota Rules, Chapter 7080.1100, subpart 41, as amended.

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Subsurface Sewage Treatment System, Mid-sized (MSTS): A subsurface sewage treatment systems as defined in Minnesota Rules, Chapter 7081.0020, subpart 4, as amended.

Type I System: A subsurface sewage treatment system as defined in Minnesota Rules, Chapter 7080.2200; a Type I System utilizes trenches and seepage beds, mounds, at-grade systems, or gray water systems that meet or exceed the design and performance requirements of Minnesota Rules Chapter 7080, as amended.

SECTION 4. Application. The County has an existing SSTS ordinance (Section 17) that conforms to Minn. Rule Chapter 7082 and applies to all properties. All provisions of the Existing Ordinance, to the extent they are not modified by this ordinance, shall remain in full force and effect within the District. This Ordinance is in addition to the minimum requirements of the existing ordinance and shall apply only to properties within the District.

SECTION 5. Continuous Compliance. A valid certificate of compliance is required at all times. It is unlawful for any person to maintain, occupy, or use any structure intended for habitation without a valid certificate of compliance or a permit for the repair or replacement of a non-compliant SSTS.

SECTION 6. Inspector Requirements. All Compliance Inspections must be performed by an Inspector, as defined in 7082.0700. No Inspector or Licensed Business who previously designed, installed, inspected, or performed any maintenance on the SSTS may submit an Inspection Report for that SSTS for purposes of this ordinance until the SSTS has been independently inspected.

SECTION 7. Certificate of Compliance. Certificates of Compliance for a new SSTS shall be valid for 5 years. Certificates of Compliance for an existing SSTS shall be valid for 3 years unless evidence of noncompliance is found by the Department.

[15741-0019/2604022/1]

SECTION 8. SSTS Compliance. All compliant SSTSs shall meet the standards in the Existing Ordinance as it may be amended, specifically three feet of vertical separation and tank integrity verification, as well as all requirements under Minnesota Rules Chapter 7080 for an ISTS and Chapter 7081 for an MSTs.

SECTION 9. Cluster System Compliance. Every component a Cluster System must be compliant prior to the issuance of a Certificate of Compliance. In addition to the standards for an ISTS or MSTs, Cluster Systems shall meet the following standards:

- a. Written agreement between all owners of the parcels served by the Cluster System to allow system-wide inspection and maintenance on all parcels served by the Cluster System.
- b. Documentation of all service performed in the past three years in accordance with the Management Plan and Minnesota Rule Chapter 7082.0600 for ISTS or all service performed in the past three years in accordance with the Operation and Maintenance Plan and Minnesota Rule Chapter 7080.2450 and Chapter 7081.0290 for an MSTs must be submitted to the Department prior to the issuance of a new Certificate of Compliance.

SECTION 10. Holding Tank Compliance. All compliant Holding Tanks shall meet the standards in the Existing Ordinance as it may be amended. After December 31, 2017, new Holding Tanks shall only be allowed for seasonal residences or Lots of Record where a Type I system cannot be installed and a Cluster System is not available for connection. Existing, compliant Holding Tanks shall be allowed to remain. All compliant Holding Tanks shall meet the following standards:

- a. A copy of a current, valid monitoring and disposal contract must on file with the Department at all times.
- b. Documentation of all service performed in the past three years in accordance with a monitoring and disposal contract must be submitted to the Department prior to the issuance of a new Certificate of Compliance.
- c. Where available, a designated soil treatment area must be preserved through a written declaration recorded on the property when new seasonal residences are constructed or when parcels with existing Holding Tanks request a land use approval or property transfer.

SECTION 11. Required Installation of Type I System. Compliant Holding Tanks with available soil treatment areas, but lacking a Type I System, must install a Type I System within one (1) year of the following events:

- a. Transfer of the property, or
- b. Issuance of a land use permit or zoning permit approval.

All new SSTSs installed after the effective date of this Ordinance shall include a Type I System if an adequate soil treatment area is available.

[15741-0019/2604022/1]

SECTION 12. Effect of New Regulations. No system shall be “grandfathered” based on new County or state regulations and standards. All existing systems must be upgraded, repaired, or replaced in order to meet all performance and design standards for SSTS with the District prior to the issuance of a Certificate of Compliance.

SECTION 13. Compliance Period.

- a. An SSTS that is determined not to be protective of groundwater, in accordance with Minnesota Rules, Chapter 7080.1500, Subp.4.B or otherwise fail to meet any standard of this ordinance and Minnesota Rules Chapter 7080 for an ISTS or Chapter 7081 for an MSTs, shall be upgraded, repaired, replaced, or abandoned by the owner in accordance with the provisions of this Section within one (1) year of receipt of a Notice of Noncompliance.
- b. An SSTS that is determined to be an imminent threat to public health or safety, in accordance with Minnesota Rules, Chapter 7080.1500, Subp.4A, shall be upgraded, repaired, replaced, or abandoned by the owner in accordance with the provisions of this Section within ten (10) months of receipt of a Notice of Noncompliance.
- c. All operational deficiencies must be corrected immediately.

SECTION 14. Variances. No variances shall be granted from this Ordinance.

SECTION 15. Inspection Program. The Department shall send notice of the impending expiration of a Certificate of Compliance at least 120 days before expiration. Notice shall also be provided when a change in use of the property is proposed.

SECTION 16. Administrative Search Warrant. The County reserves the right to seek an administrative search warrant to perform a Compliance Inspection of any property within the District for which a valid Certificate of Compliance does not exist.

SECTION 17. Penalties. Any property owner who fails to upgrade, repair, or replace a non-compliant SSTS but continues to maintain, occupy, or use any structure for habitation without a valid certificate of compliance shall be guilty of a misdemeanor. Any person or entity who violates any provision of this Ordinance or makes any false statement in any document required to be submitted under this Ordinance shall be guilty of a misdemeanor.

SECTION 18. Funding. All activities resulting from this Ordinance shall be funded through the District in accordance with Minnesota Statute Chapter 375B and the resolution establishing the District.

[15741-0019/2604022/1]

SECTION 19. Severability. In the event any provision or part of this Ordinance is determined to be void or unenforceable by a Court of competent jurisdiction, the remainder of this Ordinance shall remain in full force and effect.

SECTION 20. Effective Date. This Ordinance shall be effective January 1, 2018.

Adopted _____, 2017

Board Chairperson
Le Sueur County Board of Commissioners

Chairman,
German-Jefferson Sewer District Board

ATTEST:

County Administrator

[15741-0019/2604022/1]

Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 11

10:30 a.m. Darrell Pettis, County Administrator/Engineer

RE: MCIT Member Report

RE: CSAH Fund

RE: Transportation Legislative Summary

RE: Highway 2016 Annual Report Approval

RE: CD 54

RE: 2018 Public Transit Grant

RE: Approve Sealcoat Contract

RE: Approve County Paving Contract

Staff Contact:



Minnesota Counties
Intergovernmental Trust

2017
MCIT Report to
Le Sueur County

MCIT's success can be attributed to its members' loyalty. MCIT has earned that loyalty by being willing to evolve to better address the changing needs and expectations of the counties.

OF THE COUNTIES, FOR THE COUNTIES

MCIT Mission: Providing Minnesota counties and associated members cost-effective coverage with comprehensive and quality risk management services.

Minnesota Counties Intergovernmental Trust is a joint powers entity made up of counties and associated public entities that pool resources to provide property, casualty and workers' compensation coverage to members, along with risk management and loss control services.

The MCIT Board of Directors is elected by member counties. The board sets the strategic direction, oversees finances, provides resources to achieve the goals and ensures the efficient and effective operations of the Trust.

Important Developments

In late 2014, the MCIT Board voted to conclude MCIT's 25 year partnership with its principle service provider, Meadowbrook Insurance Group (MIG). By 2018, underwriting and property/casualty claims administration will be the responsibility of MCIT. When this transition is complete, MCIT staff will perform all functions necessary to the program. As a result of this change, the MCIT staff will grow from 37 to nearly 50 to assume the duties previously performed by MIG.

To prepare for assuming these new functions and to update several existing software systems, MCIT is undertaking a massive software conversion. All MCIT claims, underwriting, financial, member services, risk management and loss control data will be consolidated into one fully integrated system by the end of 2017. The new system will enhance MCIT's ability to access data and respond to member inquiries, and is expected to increase efficiency and reduce operational costs. Conversion is occurring in phases during 2017 and is not expected to affect members.

POOLING BENEFITS MCIT MEMBERS

- Specialized coverage and services to meet members' needs
- Leadership's decision making is transparent
- Member representatives make up the board of directors and are responsive to member needs
- Reduced regulatory constraints
- No profit motive
- Tax exempt
- No commissions
- Investment income is shared with members as appropriate
- More aggressive defense strategies

MCIT MONITORS RISKS AND TAILORS COVERAGE

MCIT watches legislation, court rulings, operational changes, as well as the economic landscape and evolving role of county government.

When appropriate MCIT has modified coverage to address members' changing exposures. Recognizing the increasing exposure to counties of conducting business electronically, effective Jan. 1, 2017, MCIT replaced its data compromise expense endorsement with a comprehensive data compromise and computer attack coverage solution issued and administered by Hartford Steam Boiler (HSB).

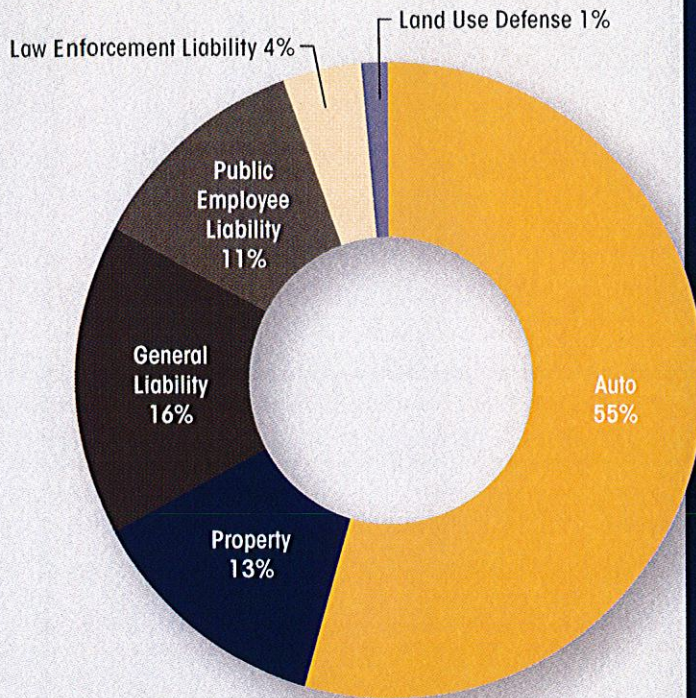
Coverage provides an annual aggregate limit of \$50,000 for each of the following coverage sections (some sublimits apply):

1. First-party data compromise response expense coverage (expense for notification, credit monitoring, legal review, outside computer experts)
2. Third-party data compromise defense and liability coverage (defense and associated liability costs arising from an individual affected by a data breach)
3. First-party computer attack coverage (hack or unauthorized access, virus or malware attack, cyber extortion or ransomware claims.)
4. Third-party network security coverage (defense and associated liability costs arising from a claim brought by a third party who alleges the members' systems security failed that resulted in damage to them)

The HSB program also offers a team of experts who are available to members in the event of a covered claim.

PROPERTY AND CASUALTY CLAIMS

2012-2016
MCIT PROPERTY/CASUALTY CLAIM FREQUENCY
5 YEAR TOTAL



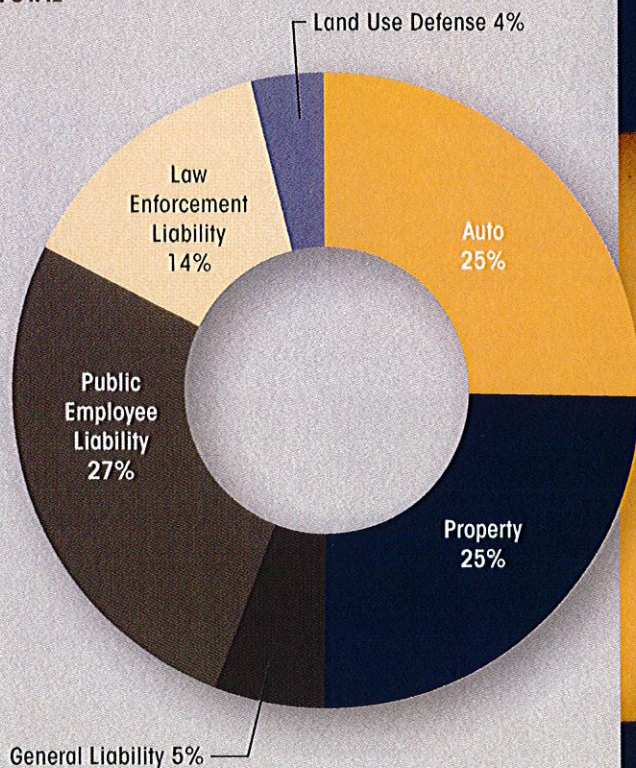
AUTO: This includes both physical damage and liability claims. The most frequently reported claims include high frequency but low severity claims such as broken windshields and hail damage. More expensive physical damage losses are often due to hitting animals or other vehicles. Generally less expensive liability claims include backing into another's vehicle. More costly liability claims involve a third party when the driver or passenger in another vehicle is injured or killed.

PROPERTY/INLAND MARINE: Typically these are large weather-related claims, such as damage from tornadoes, wind, lightning, fire and hail.

GENERAL LIABILITY: Many of these are slip, trip and fall accidents, and the cost is usually small for each. However, many small claims can add up to a large total dollar amount.

PUBLIC EMPLOYEE LIABILITY, LAW ENFORCEMENT LIABILITY AND LAND USE DEFENSE: These categories include claims related to employment (e.g., wrongful termination, discrimination, harassment), violations of the Driver's Privacy Protection Act, excessive force, inmate deaths and suicides, and land use decisions. They are typically the most expensive claims because they fall under federal laws and are not subject to state tort caps and often allow recovery of plaintiff's attorney fees.

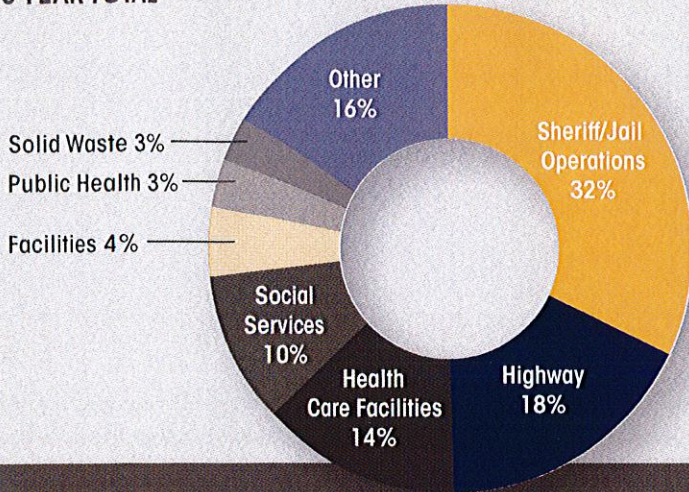
2012-2016
MCIT PROPERTY/CASUALTY CLAIM SEVERITY
5 YEAR TOTAL



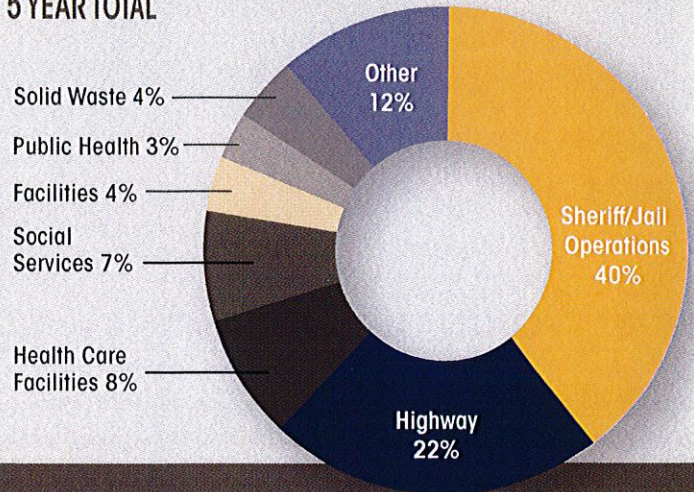
COUNTIES SHOULD BE PROUD OF THE ROLE THEY PLAYED IN FORMING MCIT IN 1979 AND THEIR CONTINUED COMMITMENT TO A PROGRAM THAT YEAR AFTER YEAR DEMONSTRATES ITS VALUE TO COUNTY OPERATIONS AND THE TAXPAYERS OF THE COUNTY.

WORKERS' COMPENSATION CLAIMS

2012-2016
MCIT WORKERS' COMPENSATION CLAIM FREQUENCY
5 YEAR TOTAL



2012-2016
MCIT WORKERS' COMPENSATION CLAIM SEVERITY
5 YEAR TOTAL



- Slip and falls remain prevalent, particularly on water, ice and snow, both on and off member property. Totaled, this injury type accounts for the highest cost.
- The body part most frequently reported as being injured is the low back closely followed by knees.
- Law enforcement has the highest frequency of reported claims of county departments. It also was the loss leader relative to the severity (cost) of claims. Highway departments followed in second position.
- Although the sixth most frequently reported type of claim, training injuries are the second most expensive and are almost exclusively for law enforcement.
- An increased emphasis on return to work programs is having a positive effect on the cost of claims.

EFFECTS OF WORKERS' COMPENSATION CLAIMS

The frequency and severity of work-related injuries and illnesses is used to develop each member's experience modification (mod) factor. This unique factor then becomes part of the formula to determine a member's annual workers' compensation contribution. Other factors affecting the member's contribution include amount of payroll in each employee class code and the rate for each class code. With all factors remaining the same, a mod of 1.0 does not change contribution and reflects expected claim development. A factor greater than 1.0 can increase the contribution, whereas a factor less than 1.0 can decrease contribution.

LE SUEUR COUNTY WORKERS' COMPENSATION ANALYSIS

YEAR	BASE	MOD	YOUR COST	COST DIFFERENCE
2017	\$157,579	0.856	\$134,888	-\$22,691
2016	\$166,434	0.758	\$126,157	-\$40,277
2015	\$167,279	0.773	\$129,307	-\$37,972
2014	\$177,310	0.743	\$131,741	-\$45,569
2013	\$161,550	0.885	\$142,972	-\$18,578

EXPERIENCE CREATES FINANCIALLY SOUND PROGRAM

Since its creation in 1979, MCIT has grown from a fledgling organization into one of the nation's premier risk pools. The lessons learned about disciplined underwriting, aggressive claims handling, consistent and

prudent reserving strategies, and conservative investment practices have made MCIT a financially strong and fully funded member-run organization. This ensures that MCIT has the ability to pay operational expenses

and claims (both reported and incurred but not yet reported), purchase reinsurance, consider service enhancements to address member needs, and return fund balance when appropriate.

AGGREGATE CONTRIBUTION RATES DECREASE FOR 2017

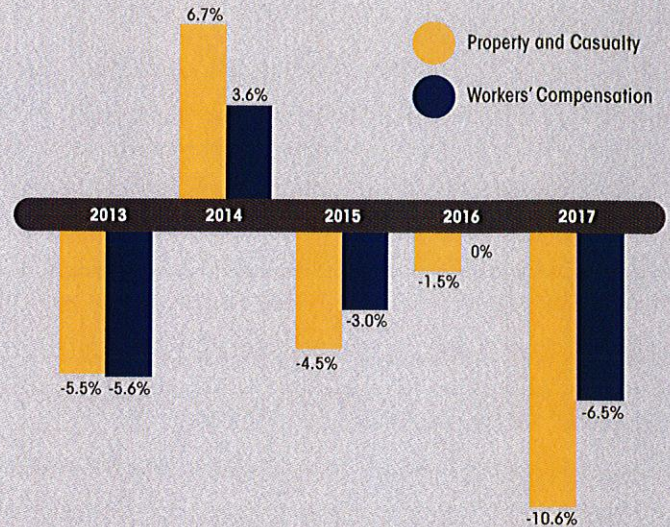
When calculating rates, MCIT's actuary must ensure that contributions are adequate to pay losses (claims) according to expected frequency and severity. The aggregate rate change for 2017 property/casualty coverage represents a 10.6 percent decrease and for workers' compensation a 6.5 percent decline.

Two major factors influenced the decision to reduce property/casualty aggregate rates for 2017. Over the past five years, auto physical damage, general liability and law enforcement liability have remained fairly stable or trended down. Even the public employees liability line of coverage has remained fairly stable, particularly when Driver's Privacy Protection Act (DPPA) violation claims are removed.

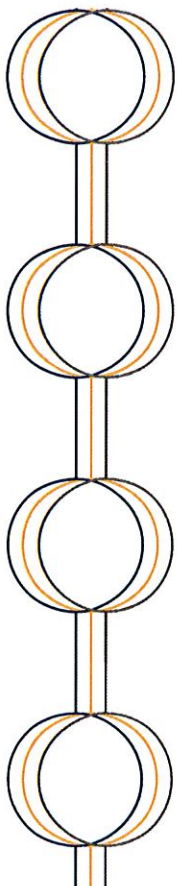
Several efforts resulted in reducing costs for workers' compensation claims in the past few years, leading to the reduction in aggregate rates for 2017. Some of the significant factors are improved return to work efforts, closure of many files, and recovery efforts using subrogation and restitution.

In years when MCIT's aggregate rates decline, an individual member's contribution may not have a corresponding decrease

MCIT ANNUAL AGGREGATE RATE CHANGES



because of increases in the member's exposure base, such as growth in payroll, number of covered vehicles, the annual budget or workers' compensation experience modification factor.



REINSURANCE RATES FAVORABLE FOR 2017

Reinsurance serves as a financial safety net against catastrophic losses that MCIT would otherwise be solely obligated to pay. MCIT retains a portion of the risk, essentially a deductible for catastrophic losses.

Each year, MCIT seeks bids for its property and casualty reinsurance. 2017 casualty reinsurance is placed with Munich Re and property reinsurance is through Hartford Fire. Pursuant to state law, reinsurance for workers' compensation must be obtained through the Workers' Compensation Reinsurance Association.

This year, MCIT has a small increase in casualty reinsurance—4.2 percent—due to the expectation that defense costs for remaining DPPA claims will be significant, as well as the growth in claims related to jail operations. The cost of property reinsurance decreased 14.4 percent for 2017 influenced by no major catastrophic losses in previous years.

DIVIDEND DISCUSSION

Dividends are based on a retrospective review of a member's claim history and the performance of MCIT's investments. Investment returns fuel dividends. MCIT only issues a dividend when it is actuarially sound and fiscally prudent. Dividends are not guaranteed. Since 1991, the MCIT Board of Directors has annually returned varying amounts of fund balance to its members for a total of more than \$313 million.

Total Dividends:

Combined MCIT Membership and Le Sueur County

	MCIT Total Dividend	Le Sueur County Total Dividend
2012	\$29,900,000	\$256,063
2013	\$19,000,000	\$188,681
2014	\$13,000,000	\$133,149
2015	\$11,400,000	\$105,367
2016	\$12,213,000	\$112,154

MORE THAN COVERAGE: MCIT RESOURCES HELP COUNTIES MANAGE RISKS, REDUCE LOSSES

MCIT provides several services to assist members in reducing losses and mitigating risks. Most are provided as part of membership.

CONSULTATION SERVICES

Loss Control: All members have an assigned loss control consultant who can assist them with written safety programs; hazard identification, such as workplace safety surveys and reports; ergonomic assessments; interpretation of OSHA standards; and employee injury data analysis. Consultants also can participate in safety committee meetings, conduct employee safety training and provide loss prevention education resources.

A fifth loss control consultant position was added in 2016. The consultant primarily concentrates on assisting members in reducing law enforcement work-related injuries and illnesses.

Recent initiatives include:

- Loss prevention best practices guides focusing on public works, solid waste management, and parks and recreation operations.
- Discussion items and resource books related to workers' compensation and employees who work off site.
- Step Wisely slip, trip and fall awareness and prevention materials.
- "Training Safety Officer Program: Guide to Reducing Injuries from Training Activities."

Risk Management: Each member has an assigned risk management consultant who can respond to coverage, liability and risk management concerns. They review contracts and joint powers agreements from a risk management perspective. They assist members in identifying potential risks and offer advice about how members could manage them.

Recent initiatives include:

- "2017 MCIT Coverage Review" webinar.
- Discussions with county staff about the 10 essentials of risk management.
- Webinar "I Was Supposed to Save What? The What, When and How of Litigation Holds."
- In-person training and discussion with new member primary contacts for MCIT.

Call MCIT at 1.866.547.6516 to be connected to your assigned loss control and risk management consultants.

PATROL

(Peace Officer Accredited Training Online)

Better trained deputies lead to better decisions and better results for citizens, law enforcement agencies and county government. PATROL is Web-based training specific to Minnesota laws and safety standards. Courses provide classroom components of annual requirements and address hot topics in law enforcement, such as responding to mental health issues in the field, persuasion and de-escalation, and legislative and case law updates.

MCIT members pay a discounted yearly subscription of \$90 per person, which is just \$2.50 per course. PATROL is a joint effort of MCIT, the Minnesota Sheriffs' Association, Minnesota Chiefs of Police Association and League of Minnesota Cities Insurance Trust. Contact Kristen LeRoy with PATROL at 651.281.1268 or patrol@lmc.org for details.

2017 MCIT Member Participation*

- | | | |
|---------------------|---------------------|--------------------|
| • Beltrami County | • Jackson County | • Renville County |
| • Benton County | • Kanabec County | • Scott County |
| • Big Stone County | • Kittson County | • Sherburne County |
| • Brown County | • Lake County | • Sibley County |
| • Carlton County | • Lincoln County | • Stearns County |
| • Carver County | • Lyon County | • Steele County |
| • Cass County | • Marshall County | • Stevens County |
| • Chisago County | • Martin County | • Todd County |
| • Clearwater County | • Mille Lacs County | • Traverse County |
| • Cook County | • Morrison County | • Wabasha County |
| • Crow Wing County | • Nobles County | • Waseca County |
| • Dodge County | • Norman County | • Wilkin County |
| • Fillmore County | • Pine County | • Wright County |
| • Goodhue County | • Polk County | |
| • Hubbard County | • Redwood County | |
| • Isanti County | | |

*As of March 13, 2017

EMPLOYEE ASSISTANCE PROGRAM

The Employee Assistance Program offers access to professional counselors for MCIT officials, department heads, member employees and their dependents who seek advice about personal issues or work-related concerns that may affect their ability to do their jobs. The program is voluntary, confidential and delivered in a clinical setting or by phone. The service is provided as part of membership.

Programwide in 2016:

- 90 percent of users reported that as a direct result of EAP services, they were able to do better at work.
- 16 people reported that the EAP gave them an alternative to filing a grievance or lawsuit.

Introduced as a risk management tool to help reduce employment-related claims, history shows this is accomplished when member utilization is 4 percent. Members

can access services by calling 1.800.550.MCIT (6248).

No-cost, On-site Training Program Coming in 2017

Once again, MCIT has partnered with its Employee Assistance Program provider, Sand Creek, to develop training for county members to be delivered on-site throughout 2017. This program is in response to member requests for more training related to ideas presented in the 2014-2016 Resilience Training program. Like the previous program, "Resilience II" includes a module for all employees and one for supervisors. Both modules focus on providing practical strategies for building resilience, the ability to bounce back from adversity.

To schedule this training, members should contact Sand Creek at 1.800.550.6248 or info@sandcreekeap.com.

BALANCING LEADERSHIP AND RISK WHILE SERVING THE PUBLIC: NEXT STEPS IN COUNTY GOVERNMENT FOR NEW COMMISSIONERS

Sept. 6, MCIT Building, St. Paul

By September, new commissioners will have eight months of service under their belts and will have encountered issues and circumstances that may have left them with even more questions than they had when they first took office. Co-sponsored with the Association of Minnesota Counties, this seminar is specifically developed for elected officials to enhance their knowledge and skills to serve the public while complying with laws and managing various risks. The seminar uses scenarios and work groups, giving participants the opportunity to practice applying techniques to the real world of county government. More information about this event will be provided later in the year at MCIT.org.

LE SUEUR COUNTY'S EAP PARTICIPATION LEVELS

• 2015: 5.24 percent • 2016: 8.06 percent

DEFENSIVE DRIVING TRAINING

Auto-related claims continue to be the most frequently reported loss. Training drivers to be safe does more than protect a member's fleet from physical damage; it also helps prevent injuries to employees and citizens. Training is available online or on site. Contact MCIT at 1.866.547.6516 or info@mcit.org for details.

2015-2016 MCIT Member Participation

- | | | | |
|---------------------|----------------------|---------------------|---------------------|
| • Aitkin County | • Douglas County | • Le Sueur County | • Sherburne County |
| • Big Stone County | • Fillmore County | • McLeod County | • Sibley County |
| • Blue Earth County | • Goodhue County | • Nicollet County | • Swift County |
| • Carlton County | • Houston County | • Norman County | • Wabasha County |
| • Cass County | • Isanti County | • Otter Tail County | • Wadena County |
| • Chisago County | • Itasca County | • Redwood County | • Washington County |
| • Clay County | • Jackson County | • Rice County | • Winona County |
| • Cook County | • Koochiching County | • Scott County | • Wright County |

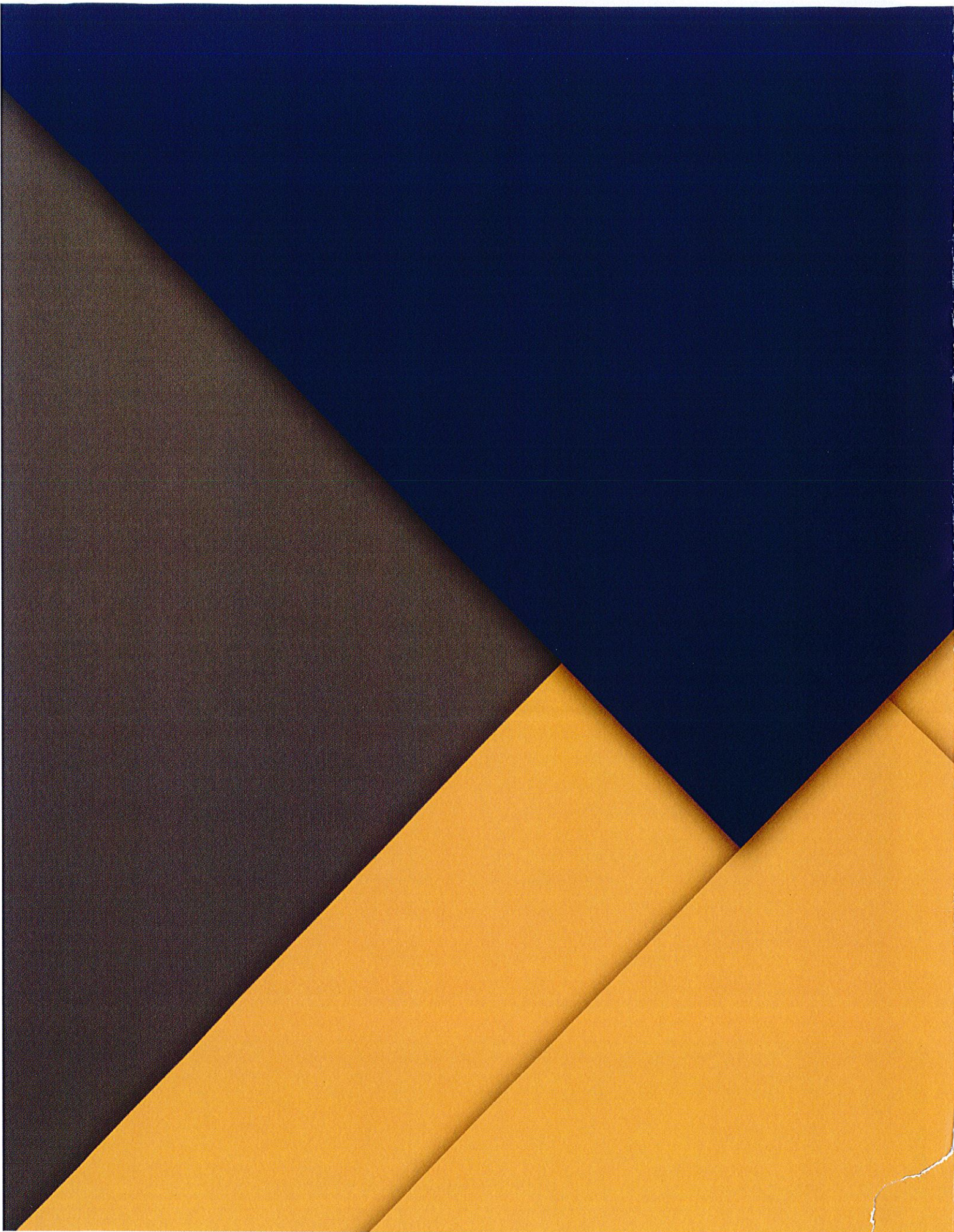
ADDITIONAL RESOURCES

- Statewide training seminars
- Member-specific training sessions presented on-site
- MCIT website: MCIT.org
- MCIT Bulletin newsletter
- Video library: Borrow at no cost
- Webinars
- Minnesota Safety Council membership

HOW MEMBERS REDUCE COSTS

Each member's efforts to manage risks and control losses help contribute to poolwide rate stability. Dedication to risk management at all levels within a member organization is key to containing costs. Commissioners are encouraged to:

- Support initiatives to improve safety, including the safety committee, and return to work programs.
- Participate in risk management training.
- Recommend training and education for all employees.
- Learn how coverage may apply before making final decisions.
- Have a risk management review of contracts before signing or approving them.
- Promote safety at all levels.



1 **Estimated County and City Local Aid Increase From HUTD Formula**

2 Whole dollars

3 **County State Aid Highway (CSAH) - Not including MVLST or 5% Set aside**

4 County	2017 Allotment	% of total	FY 2018	FY 2019	FY 2020	FY 2021
5 Aitkin	\$ 4,870,032	0.88%	201,299	216,991	498,153	503,369
6 Anoka	19,482,541	3.51%	805,294	868,070	1,992,858	2,013,726
7 Becker	5,748,254	1.03%	237,599	256,121	587,986	594,143
8 Beltrami	6,986,323	1.26%	288,774	311,285	714,627	722,110
9 Benton	4,131,574	0.74%	170,775	184,088	422,616	427,042
10 Big Stone	3,055,369	0.55%	126,291	136,136	312,532	315,805
11 Blue Earth	8,700,582	1.57%	359,631	387,666	889,978	899,297
12 Brown	4,734,243	0.85%	195,686	210,940	484,263	489,334
13 Carlton	5,410,732	0.97%	223,648	241,082	553,461	559,256
14 Carver	7,006,464	1.26%	289,606	312,182	716,687	724,192
15 Cass	6,092,877	1.10%	251,844	271,476	623,237	629,763
16 Chippewa	3,055,369	0.55%	126,291	136,136	312,532	315,805
17 Chisago	6,397,114	1.15%	264,419	285,032	654,357	661,209
18 Clay	5,647,755	1.02%	233,445	251,643	577,706	583,755
19 Clearwater	3,669,808	0.66%	151,688	163,513	375,383	379,313
20 Cook	3,174,963	0.57%	131,234	141,465	324,765	328,166
21 Cottonwood	3,435,417	0.62%	142,000	153,070	351,407	355,086
22 Crow Wing	6,812,591	1.23%	281,592	303,544	696,856	704,153
23 Dakota	16,940,958	3.05%	700,240	754,827	1,732,881	1,751,026
24 Dodge	4,214,152	0.76%	174,188	187,767	431,063	435,577
25 Douglas	5,644,792	1.02%	233,323	251,511	577,403	583,449
26 Faribault	4,949,951	0.89%	204,602	220,552	506,328	511,629
27 Fillmore	6,309,851	1.14%	260,812	281,144	645,431	652,189
28 Freeborn	6,016,251	1.08%	248,676	268,062	615,399	621,843
29 Goodhue	6,432,705	1.16%	265,890	286,618	657,998	664,888
30 Grant	3,055,369	0.55%	126,291	136,136	312,532	315,805
31 Hennepin	43,222,435	7.78%	1,786,562	1,925,833	4,421,199	4,467,493
32 Houston	4,612,686	0.83%	190,661	205,524	471,829	476,770
33 Hubbard	4,210,744	0.76%	174,047	187,615	430,715	435,225
34 Isanti	4,062,365	0.73%	167,914	181,004	415,537	419,888
35 Itasca	9,943,290	1.79%	410,997	443,036	1,017,094	1,027,744
36 Jackson	4,945,061	0.89%	204,400	220,334	505,828	511,124
37 Kanabec	3,055,369	0.55%	126,291	136,136	312,532	315,805
38 Kandiyohi	6,549,897	1.18%	270,734	291,839	669,985	677,001
39 Kittson	3,589,300	0.65%	148,361	159,926	367,148	370,992
40 Koochiching	4,945,809	0.89%	204,431	220,367	505,904	511,201
41 Lac Qui Parle	3,407,360	0.61%	140,840	151,819	348,537	352,186
42 Lake	4,346,700	0.78%	179,667	193,673	444,622	449,277
43 Lake of the Woods	3,272,400	0.59%	135,262	145,806	334,732	338,237
44 Le Sueur	4,990,531	0.90%	206,279	222,360	510,479	515,824
45 Lincoln	3,055,369	0.55%	126,291	136,136	312,532	315,805
46 Lyon	4,203,492	0.76%	173,748	187,292	429,973	434,475
47 Mc Leod	4,657,351	0.84%	192,508	207,514	476,398	481,386
48 Mahnomon	3,055,369	0.55%	126,291	136,136	312,532	315,805
49 Marshall	5,286,391	0.95%	218,508	235,542	540,742	546,404
50 Martin	5,383,123	0.97%	222,507	239,852	550,637	556,402
51 Meeker	3,959,894	0.71%	163,679	176,438	405,055	409,297
52 Mille Lacs	4,659,008	0.84%	192,576	207,588	476,567	481,557
53 Morrison	6,493,073	1.17%	268,386	289,307	664,173	671,127
54 Mower	5,562,955	1.00%	229,940	247,865	569,032	574,990
55 Murray	3,784,152	0.68%	156,415	168,608	387,079	391,132
56 Nicollet	4,563,542	0.82%	188,630	203,335	466,802	471,690
57 Nobles	4,886,604	0.88%	201,984	217,729	499,848	505,082
58 Norman	4,014,109	0.72%	165,920	178,854	410,601	414,900
59 Olmsted	\$ 8,238,258	1.48%	340,521	367,066	842,687	851,511
60 Otter Tail	12,400,667	2.23%	512,571	552,528	1,268,457	1,281,739
61 Pennington	3,163,477	0.57%	130,760	140,953	323,590	326,979
62 Pine	7,904,681	1.42%	326,733	352,204	808,565	817,032
63 Pipestone	3,055,369	0.55%	126,291	136,136	312,532	315,805
64 Polk	8,239,340	1.48%	340,566	367,115	842,798	851,622
65 Pope	3,549,708	0.64%	146,724	158,162	363,098	366,900
66 Ramsey	19,463,146	3.50%	804,492	867,206	1,990,875	2,011,721
67 Red Lake	3,055,369	0.55%	126,291	136,136	312,532	315,805
68 Redwood	4,918,540	0.89%	203,304	219,152	503,115	508,383
69 Renville	5,635,397	1.01%	232,934	251,093	576,442	582,478
70 Rice	5,864,307	1.06%	242,396	261,292	599,857	606,138
71 Rock	3,311,757	0.60%	136,889	147,560	338,758	342,305
72 Roseau	5,306,854	0.96%	219,354	236,454	542,835	548,519
73 St. Louis	29,282,714	5.27%	1,210,375	1,304,730	2,995,313	3,026,676
74 Scott	9,888,101	1.78%	408,716	440,577	1,011,448	1,022,039
75 Sherburne	5,595,504	1.01%	231,285	249,315	572,361	578,354
76 Sibley	3,475,310	0.63%	143,649	154,847	355,488	359,210
77 Stearns	12,784,911	2.30%	528,453	569,649	1,307,762	1,321,455

78 County State Aid Highway (CSAH)						
79 County	2017 Allotment	% of total	FY 2018	FY 2019	FY 2020	FY 2021
80 Steele	5,581,345	1.00%	230,700	248,684	570,913	576,891
81 Stevens	3,055,369	0.55%	126,291	136,136	312,532	315,805
82 Swift	3,446,871	0.62%	142,473	153,580	352,579	356,270
83 Todd	4,210,534	0.76%	174,039	187,606	430,693	435,203
84 Traverse	3,055,369	0.55%	126,291	136,136	312,532	315,805
85 Wabasha	4,688,621	0.84%	193,800	208,908	479,596	484,618
86 Wadena	3,088,024	0.56%	127,641	137,591	315,872	319,180
87 Waseca	3,510,920	0.63%	145,121	156,434	359,130	362,891
88 Washington	11,228,886	2.02%	464,136	500,318	1,148,597	1,160,623
89 Watonwan	3,437,247	0.62%	142,076	153,151	351,594	355,276
90 Wilkin	3,710,548	0.67%	153,372	165,328	379,550	383,524
91 Winona	6,034,137	1.09%	249,416	268,859	617,229	623,692
92 Wright	10,855,882	1.95%	448,718	483,698	1,110,442	1,122,070
93 Yellow Medicine	3,790,020	0.68%	156,657	168,869	387,679	391,738
94						
95 TOTAL	\$ 555,521,599		22,962,000	24,752,000	56,824,000	57,419,000

96 *Note Does not Include Town Road and Bridge or Motor Vehicle Lease Sales Tax

98 Municipal State Aid Street (MSAS)						
99 Municipality	2017 Allotment	% of total	FY 2018	FY 2019	FY 2020	FY 2021
100 Albert Lea	943,643	0.54%	38,820	41,849	96,070	97,078
101 Albertville	319,602	0.18%	13,148	14,174	32,538	32,879
102 Alexandria	1,001,181	0.58%	41,187	44,401	101,928	102,997
103 Andover	1,490,056	0.86%	61,299	66,082	151,699	153,291
104 Anoka	751,974	0.43%	30,935	33,349	76,557	77,360
105 Apple Valley	2,010,372	1.16%	82,704	89,157	204,672	206,819
106 Arden Hills	352,166	0.20%	14,488	15,618	35,853	36,229
107 Austin	1,305,322	0.75%	53,699	57,889	132,892	134,286
108 Baxter	539,576	0.31%	22,198	23,929	54,933	55,509
109 Belle Plaine	338,304	0.20%	13,917	15,003	34,442	34,803
110 Bemidji	730,757	0.42%	30,062	32,408	74,397	75,177
111 Big Lake	429,916	0.25%	17,686	19,066	43,769	44,228
112 Blaine	2,369,289	1.37%	97,470	105,075	241,212	243,743
113 Bloomington	4,048,476	2.34%	166,550	179,544	412,167	416,491
114 Brainerd	771,790	0.45%	31,751	34,228	78,574	79,399
115 Brooklyn Center	1,041,770	0.60%	42,857	46,201	106,060	107,173
116 Brooklyn Park	2,830,504	1.63%	116,444	125,529	288,168	291,191
117 Buffalo	770,700	0.44%	31,706	34,180	78,463	79,286
118 Burnsville	2,564,550	1.48%	105,503	113,734	261,091	263,830
119 Byron	222,417	0.13%	9,150	9,864	22,644	22,881
120 Cambridge	473,047	0.27%	19,461	20,979	48,160	48,665
121 Champlin	956,563	0.55%	39,352	42,422	97,386	98,407
122 Chanhassen	1,044,321	0.60%	42,962	46,314	106,320	107,435
123 Chaska	1,032,246	0.60%	42,465	45,779	105,091	106,193
124 Chisago City	254,535	0.15%	10,471	11,288	25,914	26,186
125 Chisholm	279,453	0.16%	11,496	12,393	28,451	28,749
126 Circle Pines	176,056	0.10%	7,243	7,808	17,924	18,112
127 Cloquet	690,929	0.40%	28,424	30,642	70,342	71,080
128 Columbia Heights	723,385	0.42%	29,759	32,081	73,646	74,419
129 Coon Rapids	2,512,887	1.45%	103,377	111,443	255,832	258,516
130 Corcoran	364,340	0.21%	14,989	16,158	37,093	37,482
131 Cottage Grove	1,546,706	0.89%	63,630	68,594	157,467	159,119
132 Crookston	534,963	0.31%	22,008	23,725	54,463	55,035
133 Crystal	827,141	0.48%	34,028	36,683	84,209	85,093
134 Dayton	259,000	0.15%	10,655	11,486	26,368	26,645
135 Delano	289,480	0.17%	11,909	12,838	29,471	29,781
136 Detroit Lakes	667,847	0.39%	27,474	29,618	67,992	68,705
137 Duluth	5,258,036	3.04%	216,309	233,187	535,310	540,925
138 Eagan	2,862,015	1.65%	117,740	126,926	291,376	294,432
139 East Bethel	756,487	0.44%	31,121	33,549	77,016	77,824
140 East Grand Forks	637,456	0.37%	26,224	28,270	64,898	65,579
141 Eden Prairie	2,641,707	1.53%	108,677	117,156	268,947	271,768
142 Edina	2,181,257	1.26%	89,734	96,736	222,069	224,399
143 Elk River	1,400,088	0.81%	57,598	62,092	142,540	144,035
144 Fairmont	672,047	0.39%	27,647	29,804	68,420	69,137
145 Falcon Heights	180,969	0.10%	7,445	8,026	18,424	18,617
146 Faribault	1,149,529	0.66%	47,290	50,980	117,031	118,259
147 Farmington	852,202	0.49%	35,059	37,794	86,761	87,671
148 Fergus Falls	985,649	0.57%	40,548	43,712	100,347	101,400
149 Forest Lake	1,178,243	0.68%	48,472	52,253	119,954	121,213
150 Fridley	1,092,547	0.63%	44,946	48,453	111,230	112,397
151 Glencoe	284,416	0.16%	11,701	12,613	28,956	29,260
152 Golden Valley	1,033,398	0.60%	42,513	45,830	105,208	106,312
153 Grand Rapids	930,201	0.54%	38,267	41,253	94,702	95,695

154 Municipal State Aid Street (MSAS)						
155 Municipality	2017 Allotment	% of total	FY 2018	FY 2019	FY 2020	FY 2021
156 Ham Lake	872,960	0.50%	35,913	38,715	88,874	89,807
157 Hastings	822,944	0.48%	33,855	36,496	83,782	84,661
158 Hermantown	618,526	0.36%	25,445	27,431	62,971	63,631
159 Hibbing	1,294,420	0.75%	53,251	57,406	131,782	133,165
160 Hopkins	679,417	0.39%	27,950	30,131	69,170	69,896
161 Hugo	686,835	0.40%	28,256	30,460	69,925	70,659
162 Hutchinson	733,854	0.42%	30,190	32,545	74,712	75,496
163 International Falls	275,257	0.16%	11,324	12,207	28,023	28,317
164 Inver Grove Heights	1,520,140	0.88%	62,537	67,416	154,762	156,386
165 Isanti	234,937	0.14%	9,665	10,419	23,918	24,169
166 Jordan	275,231	0.16%	11,323	12,206	28,021	28,315
167 Kasson	256,742	0.15%	10,562	11,386	26,138	26,413
168 LaCrescent	223,956	0.13%	9,213	9,932	22,800	23,040
169 Lake City	253,067	0.15%	10,411	11,223	25,764	26,035
170 Lake Elmo	491,531	0.28%	20,221	21,799	50,042	50,567
171 Lakeville	2,701,598	1.56%	111,141	119,812	275,044	277,929
172 Lino Lakes	964,551	0.56%	39,680	42,777	98,199	99,229
173 Litchfield	342,403	0.20%	14,086	15,185	34,859	35,225
174 Little Canada	442,120	0.26%	18,188	19,607	45,011	45,484
175 Little Falls	599,976	0.35%	24,682	26,608	61,082	61,723
176 Mahtomedi	312,061	0.18%	12,838	13,839	31,770	32,104
177 Mankato	1,981,572	1.14%	81,520	87,880	201,740	203,856
178 Maple Grove	2,826,055	1.63%	116,261	125,332	287,715	290,733
179 Maplewood	1,758,254	1.02%	72,333	77,976	179,004	180,882
180 Marshall	721,907	0.42%	29,698	32,016	73,496	74,267
181 Medina	286,100	0.17%	11,770	12,688	29,127	29,433
182 Mendota Heights	546,448	0.32%	22,480	24,234	55,633	56,216
183 Minneapolis	15,952,913	9.21%	656,284	707,490	1,624,133	1,641,171
184 Minnetonka	2,266,283	1.31%	93,232	100,507	230,726	233,146
185 Minnetrista	388,749	0.22%	15,993	17,240	39,578	39,993
186 Montevideo	279,064	0.16%	11,480	12,376	28,411	28,709
187 Monticello	539,820	0.31%	22,208	23,940	54,958	55,534
188 Moorhead	2,426,368	1.40%	99,818	107,606	247,023	249,615
189 Morris	287,428	0.17%	11,824	12,747	29,262	29,569
190 Mound	391,837	0.23%	16,120	17,377	39,892	40,311
191 Mounds View	484,476	0.28%	19,931	21,486	49,323	49,841
192 New Brighton	795,660	0.46%	32,733	35,286	81,004	81,854
193 New Hope	764,356	0.44%	31,445	33,898	77,817	78,634
194 New Prague	292,951	0.17%	12,052	12,992	29,825	30,138
195 New Ulm	714,786	0.41%	29,405	31,700	72,771	73,534
196 North Branch	773,368	0.45%	31,815	34,298	78,735	79,561
197 North Mankato	661,041	0.38%	27,194	29,316	67,299	68,005
198 North St. Paul	511,688	0.30%	21,050	22,693	52,094	52,640
199 Northfield	808,650	0.47%	33,267	35,863	82,327	83,191
200 Oak Grove	629,479	0.36%	25,896	27,917	64,086	64,758
201 Oakdale	932,389	0.54%	38,357	41,350	94,925	95,920
202 Orono	352,528	0.20%	14,503	15,634	35,890	36,267
203 Otsego	785,978	0.45%	32,334	34,857	80,019	80,858
204 Owatonna	1,349,811	0.78%	55,530	59,862	137,421	138,863
205 Plymouth	3,196,402	1.85%	131,496	141,756	325,419	328,833
206 Prior Lake	957,362	0.55%	39,385	42,458	97,467	98,490
207 Ramsey	1,199,156	0.69%	49,332	53,181	122,084	123,364
208 Red Wing	926,741	0.54%	38,125	41,100	94,350	95,339
209 Redwood Falls	299,955	0.17%	12,340	13,303	30,538	30,858
210 Richfield	1,526,618	0.88%	62,803	67,703	155,422	157,052
211 Robbinsdale	545,421	0.31%	22,438	24,189	55,528	56,111
212 Rochester	5,465,966	3.16%	224,863	242,408	556,479	562,316
213 Rogers	715,813	0.41%	29,448	31,745	72,875	73,640
214 Rosemount	1,101,309	0.64%	45,307	48,842	112,122	113,298
215 Roseville	1,362,945	0.79%	56,070	60,445	138,759	140,214
216 Sartell	803,187	0.46%	33,042	35,620	81,771	82,629
217 Sauk Rapids	657,872	0.38%	27,064	29,176	66,977	67,679
218 Savage	1,201,368	0.69%	49,423	53,279	122,309	123,592
219 Shakopee	1,649,600	0.95%	67,863	73,158	167,942	169,704
220 Shoreview	963,002	0.56%	39,617	42,708	98,041	99,070
221 Shorewood	347,470	0.20%	14,295	15,410	35,375	35,746
222 South St. Paul	797,082	0.46%	32,791	35,350	81,149	82,001
223 Spring Lake Park	240,130	0.14%	9,879	10,649	24,447	24,704
224 St. Anthony	354,830	0.20%	14,597	15,736	36,125	36,503
225 St. Cloud	3,177,474	1.83%	130,718	140,917	323,492	326,886
226 St. Francis	462,777	0.27%	19,038	20,524	47,114	47,609
227 St. Joseph	199,844	0.12%	8,221	8,863	20,346	20,559
228 St. Louis Park	1,945,243	1.12%	80,025	86,269	198,041	200,119
229 St. Michael	945,401	0.55%	38,893	41,927	96,249	97,259

230 **Municipal State Aid Street (MSAS)**

231 Municipality	2017 Allotment	% of total	FY 2018	FY 2019	FY 2020	FY 2021
232 St. Paul	12,322,193	7.11%	506,921	546,473	1,254,497	1,267,657
233 St. Paul Park	247,438	0.14%	10,179	10,974	25,191	25,455
234 St. Peter	607,128	0.35%	24,977	26,925	61,810	62,459
235 Stewartville	216,576	0.13%	8,910	9,605	22,049	22,280
236 Stillwater	812,935	0.47%	33,443	36,053	82,763	83,631
237 Thief River Falls	683,106	0.39%	28,102	30,295	69,546	70,275
238 Vadnais Heights	452,806	0.26%	18,628	20,081	46,099	46,583
239 Victoria	318,021	0.18%	13,083	14,104	32,377	32,717
240 Virginia	534,230	0.31%	21,978	23,692	54,389	54,959
241 Waconia	508,584	0.29%	20,923	22,555	51,778	52,321
242 Waite Park	318,371	0.18%	13,097	14,119	32,413	32,753
243 Waseca	362,281	0.21%	14,904	16,067	36,883	37,270
244 West St. Paul	715,840	0.41%	29,449	31,747	72,878	73,643
245 White Bear Lake	916,363	0.53%	37,698	40,639	93,293	94,272
246 Willmar	1,126,020	0.65%	46,323	49,937	114,638	115,840
247 Winona	1,158,916	0.67%	47,676	51,396	117,987	119,225
248 Woodbury	2,985,259	1.72%	122,810	132,392	303,923	307,111
249 Worthington	533,698	0.31%	21,956	23,669	54,335	54,905
250 Wyoming	455,901	0.26%	18,755	20,219	46,414	46,901
251 Zimmerman	225,734	0.13%	9,286	10,011	22,982	23,223

252
 253 **TOTAL** **173,218,364** **7,126,000** **7,682,000** **17,635,000** **17,820,000**

254 Note: Estimates based on MnDOT 2017 Commissioner's Orders, assume no change in demographic or road indicators af



2017 Legislative Session Summary

Transportation Bill, Bonding Bill Finally Passed!

After years of advocating and campaigning for a long-term, comprehensive transportation funding bill, we finally have a bill passed that makes progress in addressing the \$600M per year shortfall for roads and bridges in the state. For transit, the legislature did not provide ongoing funding, but did increase the general fund appropriation for Metropolitan Area Transit by \$70 million to prevent cuts in transit service. The dissolution of the Counties Transit Improvement Board (CTIB) will allow those counties to increase the local option sales tax if they choose to do so. Hennepin and Ramsey counties have indicated that they will increase their local sales tax from ¼ cent to ½ cent to keep the Southwest and Bottineau light rail transit projects moving and hopefully secure a full funding grant agreement with the Federal Transit Administration.

The Capital Bonding bill contains more money for transportation than we have seen previously. After many years of lobbying to have consistent funding at higher levels for the Local Road Improvement Program and Local Bridge program, this year's bill provides almost \$116 million for LRIP and \$49 million for local bridges. The transportation bill contains another \$25 million for local bridges for a total of \$74 million for local bridges. The bonding bill also provides funding for two transitways.

Although it took an extra four-day special session to get their work done, legislators were able to work with the governor to pass a two-year budget and avoid a government shutdown. For transportation, we don't have to worry about a special session occurring in June or July – they are done until February 20, 2018.

The transportation bill is a compromise and contains some good provisions and some not so good provisions. While progress was made and we didn't see another year with a "lights on" transportation budget, more work is clearly needed in the future to provide sustainable funding that addresses the needs on the system.

The level of funding provided to transportation from the sales tax on auto parts dropped dramatically from \$307.9M in the original House bill to just \$63M for the next two years in the final bill, illustrating the difficulty of competing with other areas of the state budget for general fund dollars for roads and bridges. The dollar amount in the following biennium (FY20-21) also dropped from \$206M per year or \$412M for the biennium to \$145M per year. We will probably have to fight to maintain that level of funding during the 2019 session.

Here's the Good and Not So Good of the transportation bill:

- **Good: More Money!** The bill provides \$235 million in new revenue for roads and bridges and an additional \$71 million in general fund dollars for Metropolitan Area transit for the next two years. In the following biennium, the estimate is about \$444M or \$222M per year.

Not So Good: The \$235 or \$117.5M per year only begins to address the \$600M per year shortfall. The increase for the Trunk Highway Fund is about \$51 million per year for the next

two years. Of the general fund money provided for roads and transit for the FY18-19 biennium, \$101M is one-time money that is not provided in the following biennium.

The bill does not include any increases in constitutionally dedicated revenue that would provide stable funding for the future. We lobbied for an increase in license tab fees, given the hostility to increasing the fuel tax, but that was strongly rejected by the GOP majority.

- **Good: transit cuts and prohibitions on building light rail transit are gone.** The final bill provides \$70 million for the biennium for Metropolitan Area Transit to prevent service cuts and another \$1 million to suburban systems for a demonstration project. Policy language preventing work on future light rail lines unless a project was specifically approved by the legislature was removed from the bill.

Not So Good: The money is one-time funding only. Metro Transit projects a shortfall in the FY20-21 biennium of \$110 million and a fare increase will be needed this year. Also – the bill includes a cut of almost \$17 million in the general fund appropriation for Greater Minnesota Transit. Language remains in the bill specifying that all operating costs must be paid by nonstate sources for the Southwest LRT project.

- **Good: \$940 million in additional trunk highway bonds** are authorized for the Corridors of Commerce program (\$300M) and the State Road Construction program (\$640M) along with \$25M per year in cash from the Trunk Highway Fund for Corridors of Commerce for the next four years.
- **Not So Good: Much more of the funding is provided in FY20 and FY21.** For the '18-19 biennium, \$100M is provided in bonding for Corridors of Commerce and \$200M in bonding is provided for the State Road Construction program. MnDOT tends to split the money with 50% for the Metro District (\$50M Corridors of Commerce, \$100M SRC) and 50% for the Greater Minnesota districts (\$50M Corridors of Commerce, \$100M SRC). **The interest payments on \$940M in trunk highway bonds will be \$470M in trunk highway funds over the 20-year life of the bonds.**
- **Good: Dedication of the Motor Vehicle Lease Sales Tax (MVLST) and sales tax on rental vehicles.** We will finally have the \$32M per year that had been deposited in the general fund from the MVLST going to transportation as well as all of the sales tax from rental vehicles. Some of the MVLST funding (13%) will be used for the Local Bridge program so that it will not be totally dependent on the capital bonding bill for funding and will provide more consistent and reliable funding for local bridges. There is a partial dedication of the sales tax on auto parts to the Highway User Tax Distribution Fund.

Not So Good: The sales tax on auto parts is estimated to generate about \$250 million per year and will grow in the future. This bill provides \$31.5 million per year in the FY18-19 biennium of general fund dollars attributable to the sales tax on auto parts and \$145M per year in the FY20-21 biennium. The amount is capped at \$145M in each fiscal year thereafter so there is no growth in the revenue and no point in time at which all of the revenue from the sales tax on auto parts must be deposited in the HUTDF.

- **Good: The bill includes an increase in the motor vehicle registration tax for all-electric vehicles of \$75 per year,** proving that electric vehicles do not have to avoid paying into the Highway Trust Fund even though owners don't purchase fuel that is taxed at the pump.

Not So Good: The amount of revenue generated is only \$40,000 for the FY18-19 biennium and \$105,000 for the FY20-21 biennium.

	FY18	FY19	Biennium	FY20	FY21
Final Transportation Bill - Increased Funding					
Sales tax transfer - Auto parts (PARTIAL) HUTDF	\$31,532	\$31,532	\$63,064	\$145,644	\$145,644
Sales tax transfer - leased vehicle	\$32,000	\$32,000	\$64,000	\$32,000	\$32,000
<i>Allocation to HUTDF</i>	\$10.3M	\$10.9M	\$21.3M	\$11.3M	\$11.4M
<i>Allocation to local bridges</i>	\$12.2M	\$12.9M	\$25.1M	\$13.3M	\$13.5M
<i>Allocation to GM Transit</i>	\$ 1.96M	\$ 1.23M	\$ 3.19M	\$.7M	\$.4M
<i>Allocation to Metro Counties</i>	\$ 1.96M	\$ 1.23M	\$ 3.19M	\$.7M	\$.4M
General Fund appropriation to Small Cities	\$8,000	\$8,000	\$16,000		
General Fund appropriation to Metro Counties	\$5,000	\$5,000	\$10,000		
General Fund appropriation to Town Roads	\$2,000	\$2,000	\$4,000		
Sales tax transfer - rental vehicles to HUTDF	\$17,200	\$19,700	\$36,900	\$20,500	\$21,300
Registration fee electric vehicles \$75 to HUTDF	\$10	\$30	\$40	\$45	\$60
Motor Vehicle rental tax to HUTDF	\$24,400	\$27,900	\$52,300	\$29,000	\$30,200
MVLST Legacy Change	-\$5,400	-\$5,700	-\$11,100	-\$5,900	-\$6,000
TOTAL	\$120,142	\$120,462	\$235,204	\$221,289	\$223,204
Total to HUTDF	\$83,346	\$89,843	\$173,189	\$206,256	\$208,416
General Fund Metro Transit (\$70M over base)	\$30,000	\$40,000	\$70,000		
General Fund Suburban Demonstration	\$1,000	\$1,000	\$1,000		
Safe Routes to School/Passenger Rail	\$1,000	\$1,000	\$2,000		
TOTAL	\$31,000	\$40,000	\$73,000		
General Fund Greater MIN Transit (one-time cut)	-\$16,825				
Trunk Highway Cash - Corridors of Commerce	\$25,000	\$25,000	\$50,000	\$25,000	\$25,000
Trunk Highway Bonds - Corridors of Commerce	\$50,000	\$50,000	\$100,000	\$100,000	\$100,000
Trunk Highway Bonds - State Road Construction	\$100,000	\$100,000	\$200,000	\$220,000	\$220,000
TOTAL	\$175,000	\$175,000	\$350,000	\$345,000	\$345,000
Regional Bonds (Met Council)	\$82,100	\$43,900	\$126,000		

HF3 – Special Session

Policy Highlights (not exhaustive):

- Clarifies distribution of funds in the flexible account to set 16% for Metro Counties since the CSAH fund changed to a set 68/32 split between the excess and apportionment sums. The flex highway account encourages a 50/50 split between metro and greater MN. The 16% is half of 32% which is directed to the metro counties.
- Highway Sponsorship Program – creates a program to encourage business, civic groups or individuals to voluntarily assist with the improvement and maintenance of the trunk highway system including trails and historic sites.
- Highway project selection process – MnDOT must establish a process to identify, evaluate and select projects that is consistent with eligibility requirements. The list of projects must be made public and must include the score of each project. MnDOT must report on the project selection process under the Corridors of Commerce program including a list of projects evaluated and results for each criterion.
- MnDOT must maintain information on expenditures by local road authorities from local funding sources for the trunk highway system.
- Weight Limits – **A road authority** may issue an annual permit authorizing a vehicle or combination of vehicles with 6 or more axles to haul road construction materials and be operated with a gross vehicle weight of up to 90,000 pounds with six axles and up to 97,000 pounds with seven axles. Permit fees must be deposited in the bridge inspection and signing account. A local road authority may identify local preferred routes and permit holders are encouraged to make reasonable efforts to operate on the preferred routes.
- Creates an Active Transportation account for construction and maintenance of bicycle, trail and pedestrian infrastructure.
- Creates a new Major local bridges account for bridges in which the grant award is \$7M or more. Prohibits grants from the Local Bridge program with a total project cost of \$7 million or more unless every other local bridge project on the priority list of less than \$7 million has been fully funded.
- MnDOT must implement efficiencies equal to at least 15 percent of the appropriations made annually from the trunk highway fund that are above base appropriations for FY18-19.
- In a fiscal year in which MnDOT expends more than 110 percent of the established biennial expenditure level for snow and ice management, the commissioner may use an additional amount that does not exceed 50 percent of the unappropriated balance in the trunk highway fund.
- Changes the statutory dedication of the motor vehicle lease sales tax so that the \$32 million currently being deposited in the general fund is no longer deposited in the general fund and the total amount of revenue collected from the lease vehicle sales tax is distributed: 38% to CSAH, 38% to Greater Minnesota Transit Account, 13% to Minnesota state transportation fund (for a new local bridge program) and 11% to HUTDF.

- Requires that after July 1, 2017, a portion of the estimated amount of taxes collected from the sale and purchase of motor vehicle repair parts in a given month be credited to the highway user tax distribution fund. For remittances between July 1, 2017 and June 30, 2019, the monthly deposit is \$2,628,000. (\$31.5M annually) For remittances in each subsequent fiscal year, the monthly deposit is \$12,137,000. (\$145.6M annually)
- Requires Dept. of Revenue to provide a report on state general sales taxes attributable to motor vehicle repair and replacement parts by January 15, 2019.
- Requires MnDOT to contract for a study on highway construction costs, inflation and cost estimating. The report must provide specific recommendations for road authorities and legislative changes to reduce highway construction costs. The report is due February 15, 2018.
- Requires MnDOT to report on MnPASS lanes and tolling to reduce congestion and raise revenue.
- Requires MnDOT to report on turnbacks including the current list of proposed turnback projects, a description of the work to be completed, which entity the highway will be turned back to and total estimated cost related to all aspects of the turnback. It must also include a description of the turnback process and the amount of money accrued to the turnback accounts for each of the past five years.
- Requires the Metropolitan Council to prepare a report on comprehensive transit finance in the Metropolitan Area. The report must summarize the status of busways in operation and under development and identify total ridership, farebox recovery ratio and per-passenger operating subsidy.
- Prohibits the Metropolitan Council from issuing certificates of participation for light rail transit secured by a pledge of motor vehicle sales tax revenue.
- Limits liability for a railroad that is operating in the same corridor as a light rail transit line.
- Establishes a Metro Mobility Task Force to examine the Metro Mobility program and identify methods to increase efficiency including partnerships with taxi service providers and transportation network companies.

How Does the 2017 bill Compare to 2016 Proposals?

Last biennium we had a divided legislature with a DFL governor who all promised to increase funding for transportation. Toward the end of the 2016 Legislative Session, proposals were traded back and forth, but ultimately, no agreement was reached. Here is what was on the table with the estimated revenue increase for FY2017 (one year):

Senate	House	Governor
Fuel tax: 12 cents over 3 years \$360M	Sales tax auto parts \$300M	Fuel tax: 5 cents \$150M
License tab fee increase \$107M	License tab fee increase \$100M	License tab fee increase \$200-\$400M
GO Bonding \$193M	GO Bonding \$227M	GO Bonding \$200M
Trunk Highway Bonding \$1 billion	Trunk Highway Bonding \$200M	Trunk Highway Bonding \$200M
Metro Sales Tax \$388M		Metro Sales Tax \$280M

2017 Capital Bonding Bill HF5 – Special Session

Project	Governor	Senate SF210	House HF892	Special Session bill
Local Bridge Replacement Program	\$70M	\$ 90M	\$ 59M	\$ 49.212M ⁵
Local Road Improvement Program	\$70M	\$141.196M ¹	\$107.691M ³	\$115,932M ⁶
Stone Arch Bridge	\$ 2.5M			
I694/Rice St Interchange – Ramsey	\$20.5M			
Highway 4 – City of St. James	\$ 3.443M		\$ 3.443M	
Highway 53 Utility Relocation	\$ 4.9M			
Bloomington Transit Station Mall of America		\$ 8.75M		\$8.75M
Met Council Orange Line BRT		\$ 12.1M		\$12.1M
35W/Lake Street Transit Project – Hennepin	\$25M			
Gateway Corridor – Washington	\$ 3M			
Rail Grade Separation on Crude Oil Lines	\$69.624M	\$ 26.749M ²	\$57.024M ⁴	\$71.124M ⁷
Highway/Rail Grade Crossing Warning	\$ 5M	\$ 1M	\$ 1M	\$ 1M
State Rail Quiet Zone Program	\$10M			
Ramsey County Rail Grade Separation	\$ 1M			
Passenger Rail Program	\$ 1M			
Hugo Short Line Railway		\$ 1.1M		\$ 1.1M
Minnesota Valley Regional Rail Authority		\$ 4M	\$ 4M	\$ 4M
Minnesota Rail Service – Grand Rapids	\$ 1M	\$ 1M		
Grade Separation Westminster & Division Ramsey	\$ 1M			
City of Hugo Shortline track			\$ 1.1M	\$ 1.1M
MN Rail Service Improvement Grant				\$ 1M
Port Development Assistance	\$10M	\$ 5M	\$ 5M	\$ 5M
MnDOT Facilities Capital Program	\$40MTHB			
City of Grand Rapids Pedestrian Bridges	\$.75M	\$.75M	\$.75M	\$.75M
Safe Routes to School				\$ 1M
Eden Prairie Rail Crossing				\$ 1.4M
Int'l Falls – Koochiching Co Airport	\$ 3M Air	\$ 3M	\$ 3M	\$ 3M
BWSR Local Road Wetland Replacement	\$ 10M	\$ 5M	\$ 5M	\$ 5M
DEED – Transportation Economic Development	\$ 10M	\$ 7M	\$ 7M	\$ 3.5M
Proposal	TOTAL Bill	\$1.5B GO/ GO/ \$16M GF	\$972.7M GO/ \$201.9M GF	\$620M GO
		\$40MTHB	\$197M THB/ \$143.4M THF	\$987,939 GO GF \$11,033

- 5 – Local Bridge Program
 - City of Isle – Malone Island Bridge [\$.800]
 - City of Minneapolis – 10th Avenue Bridge [\$31,875]
 - TOTAL: \$32,675
- 6 – Local Road Improvement Program
 - Appleton Township 100th Street [\$1,000]
 - Anoka County Lake Drive and I-35 Interchange [\$9,000]
 - City of Baxter – Cypress Drive [\$6,000]
 - City of Blaine – 105th Avenue [\$3,246]
 - Hennepin County – I-35W/CSAH 3 [\$25,000]
 - Hennepin County – US Highway 12 interchange [\$11,300]
 - Chaska – US212 Interchange [\$10,500]
- City of Inver Grove Heights Broderick Blvd [\$1,000]
- Ramsey County I-694 and Rice Street interchange [\$20,500]
- Redwood County Veterans Cemetery Road [\$.700]
- McLeod County CSAH15 [\$2,350]
- TOTAL: \$90,596
- 7 – Rail Grade Separation
 - Moorhead [\$42,262]
 - Anoka County Hanson Blvd [\$14,100]
 - City of Red Wing Sturgeon Lake Road [\$14,762]
 - TOTAL: \$71,124

The \$49.2 million in the Local Bridge Program provides \$32.675M for specific bridges, leaving \$16.537 million in non-earmarked funds. Combined with the \$25 million in HF3 for local bridges, this provides \$41 million in funds for local bridges on the waiting list.

For the Local Road Improvement Program, there are \$90.5 million in earmarked projects out of the \$115.9 million in funds leaving \$25.3 million in non-earmarked funds for a solicitation.

Other Transportation Bills Passed Into Law

2017 Session Laws, Chapter 7 – Funding for Local Road Wetland Replacement Program

This law provides an appropriation of \$5 million from the general fund for the Local Road Wetland Replacement Program, effective March 11, 2017. This is a one-time appropriation available until June 30, 2019.

2017 Session Laws, Chapter 14 – Modifying the State Road Construction Appropriation

This law increases the appropriation for State Road Construction for FY2017 by \$105 million to accommodate an increase in federal funds. The appropriation is increased from \$744,166,000 to \$849,166,000. The increase is effective April 4, 2017.

2017 Session Laws, Chapter 15 – Governing Mowing and Haying in Trunk Highway right-of-way

This law states that the commissioner of transportation must implement a moratorium until April 30, 2018, on enforcing permits to mow or bale hay in right-of-way of a trunk highway. No later than March 1, 2018, the commissioner of transportation must recommend to the legislative committees with jurisdiction over transportation, agriculture, and natural resources establishment of a permit or notification system to mow or hay in trunk highway right-of-way. The recommendation must be developed with input from agriculture and environmental groups.

2017 Session Laws, Chapter 86 – Increasing the weight limit for vehicles transporting milk

Establishes a ten percent vehicle weight limit increase (including per-axle and gross vehicle weights) for single-unit vehicles to transport milk from the point of production to another point of production or the first point of processing.

2017 Session Laws, Chapter 94 – Jobs, Energy and Economic Development Budget Bill

Signs must be affixed on retail petroleum dispensers: "The price for each gallon of gasoline includes the current state gasoline tax of 28.5 cents per gallon and federal gasoline tax of 18.4 cents per gallon. Revenue from the state fuel tax may be used only for roads and bridges, according to the Minnesota Constitution."

Le Sueur County, Minnesota
 Highway Department
 Summary of County Highway Information
 As of December 31, 2016

Section 1 - Disbursements

<u>Description</u>	<u>Total Mileage</u>	<u>Total Maintenance Cost</u>	<u>Total Construction Cost</u>
CSAH Regular	237.16	\$ 1,359,150.36	\$ 3,188,809.30
CSAH Municipal	28.94	\$ 315,510.04	\$ 477,136.38
County Roads	237.45	<u>\$ 2,359,025.28</u>	<u>\$ 981,814.43</u>
Totals		\$ 4,033,685.68	\$ 4,647,760.11

Section 2 - Fund Balance/Unallocated Costs

Unreserved/Undesignated Fund Balance	\$ 1,570,969.47
Unallocated Costs - CSAH Regular	\$ 194,852.05
Unallocated Costs - CSAH Municipal	\$ 23,776.27
Unallocated Costs - Local	\$ 195,087.86

Section 3 - FHWA Reporting

<u>Description</u>	
Snow & Ice Control	\$ 621,172.79
Right of Way	\$ -
Engineering	\$ 1,015,716.99
Construction	\$ 3,632,043.12
Utility Relocation	\$ -
Building & Equipment	\$ 312,547.72
Total federal funds included in sub-total	\$ 175,332.96
Total bridge bonding funds included in subtotal	\$ -

Certification Statement

I certify that the above information is true and correct. I also certify that the Le Sueur County Highway Department has followed the accounting procedures as established in the State Aid Accounting Manual or an alternative method as approved by MN/DOT. It is understood that all records, books, documents, and accounting procedures pertaining to this information are subject to audit and examination by MN/DOT and the State Auditors Office. It is also understood that MN/DOT reserves the right to withhold future State Aid payments if the county has not complied with the procedures and practices as approved and established.

Certified 

Date 5/10/17

Highway Department
Receivables
As of December 31, 2016

	Beginning Balance	Charges Billed	Payments Received	Ending Balance
<u>Taxes Receivable</u>				
Taxes - Current & Delinquent	\$ 60,062.87	\$ 2,423,109.96	\$ 2,451,507.10	\$ 88,460.01
Gravel Tax	\$ 33,618.54	\$ 223,075.65	\$ 144,654.09	\$ 44,803.02
Wheelage Tax	\$ 23,545.75	\$ 358,001.30	\$ 313,262.72	\$ 21,192.83
Subtotal	\$ 117,227.16	\$ 3,004,186.91	\$ 2,909,423.91	\$ 154,455.86

Municipalities

City of Cleveland	\$ -	\$ 538.80	\$ 538.80	\$ -
City of Elysian	\$ -	\$ 2,899.90	\$ 2,468.80	\$ 431.10
City of Kasota	\$ -	\$ 1,111.50	\$ 1,111.50	\$ -
City of Le Center	\$ 2,341.23	\$ 6,109.47	\$ 5,799.29	\$ 2,651.41
City of Le Sueur	\$ -	\$ 100,666.00	\$ 666.00	\$ 100,000.00
City of Montgomery	\$ 728,612.54	\$ 206,296.88	\$ 729,561.64	\$ 205,347.78
Subtotal	\$ 730,953.77	\$ 317,622.55	\$ 740,146.03	\$ 308,430.29

Individuals & Others

Other Business	\$ 142,931.79	\$ 507.31	\$ 142,931.79	\$ 507.31
Individuals	\$ 1,146.15	\$ 25,472.83	\$ 21,281.14	\$ 5,337.84
Subtotal	\$ 144,077.94	\$ 25,980.14	\$ 164,212.93	\$ 5,845.15

Due From Other Funds

Assessors	\$ 178.14	\$ 1,670.82	\$ 1,716.20	\$ 132.76
Environmental Services	\$ 19.28	\$ 953.88	\$ 934.27	\$ 38.89
Emergency Managemnt	\$ -	\$ 1,449.53	\$ 1,423.50	\$ 26.03
Fairgrounds	\$ -	\$ 444.46	\$ 444.46	\$ -
Maintenance	\$ 131.50	\$ 746.22	\$ 753.40	\$ 124.32
Veterans Service	\$ 176.00	\$ 1,667.70	\$ 1,750.64	\$ 93.06
Victim Witness	\$ -	\$ 137.90	\$ 104.22	\$ 33.68
Human Services	\$ 1,033.27	\$ 2,743.79	\$ 3,604.44	\$ 172.62
Sheriff Dept	\$ 4,742.74	\$ 47,729.69	\$ 48,376.73	\$ 4,095.70
Cemeteries	\$ 52.81	\$ 546.39	\$ 558.25	\$ 40.95
Ney Park	\$ 98.08	\$ 11,549.87	\$ 11,454.90	\$ 193.05
Bradshaw Park	\$ 45.27	\$ 816.66	\$ 803.43	\$ 58.50
Geldner Saw Mill	\$ 67.90	\$ 2,559.98	\$ 2,510.88	\$ 117.00
Lexington Park	\$ 79.22	\$ 1,818.50	\$ 1,763.16	\$ 134.56
Rays Lake Park	\$ 52.81	\$ 1,941.84	\$ 1,895.20	\$ 99.45
Richters Woods Park	\$ 71.67	\$ 1,833.22	\$ 1,782.04	\$ 122.85
Volney Park	\$ 79.22	\$ 1,444.95	\$ 1,413.02	\$ 111.15
Washington Park	\$ 133.80	\$ 11,113.04	\$ 11,071.34	\$ 175.50
Lake Access - Misc	\$ 305.56	\$ 6,982.60	\$ 6,773.36	\$ 514.80
River Access - Misc	\$ 52.81	\$ 1,008.54	\$ 979.45	\$ 81.90
Ditches	\$ 1,399.46	\$ -	\$ 1,399.46	\$ -
Totals	\$ 8,719.54	\$ 99,159.58	\$ 101,512.35	\$ 6,366.77

Townships

Cleveland	\$ -	\$ 2,440.11	\$ 2,440.11	\$ -
Elysian	\$ 128.77	\$ 1,467.95	\$ 1,596.72	\$ -
Lanesburgh	\$ -	\$ 2,989.52	\$ 2,989.52	\$ -
Lexington	\$ -	\$ 3,906.30	\$ 3,906.30	\$ -
Montgomery	\$ -	\$ 1,106.37	\$ 58.17	\$ 1,048.20
Ottawa	\$ -	\$ 213.70	\$ 213.70	\$ -
Sharon	\$ -	\$ 1,895.88	\$ 1,895.88	\$ -
Tyrone	\$ 8.58	\$ -	\$ 8.58	\$ -
Washington	\$ 39,362.58	\$ 1,160.77	\$ 40,523.35	\$ -
Waterville	\$ 77.85	\$ -	\$ 77.85	\$ -
Totals	\$ 39,577.78	\$ 15,180.60	\$ 53,710.18	\$ 1,048.20

RUN DATE: 03-31-2017 TIME: 12:14:01 MN

LE SUEUR COUNTY HIGHWAY DEPARTMENT
FIXED ASSETS
AS OF 12/31/2016


CA525R V9.81 PAGE 5
HIGHWAY COSTING SYSTEM
COST ACCOUNTING

ACQUIRED DATES FROM 01/01/1900 THRU 12/31/2999

EQUIPMENT NUMB DESCRIPTION ACQUIRED DATE	ORG. COST	BEGIN EST. BAL. LIFE JAN 2016	STAT CODE	COST ADDED	RENTAL EARNED	ADJUSTMENT TO EQUALIZE DEPRECIATION	PERIOD DEPREC. /DEPLETE	ENDING BALANCE DEC 2016
12/01/2005 5055 TANDEM TRUCK - MACK	141,645.00	10		42,866.33	52,532.75	9,666.42	.00	.00
3/08/2013 5075 CAT MOTOR GRADER	187,213.81	12		35,169.42	62,537.75	8,646.95	18,721.38	115,448.54
2/07/2014 5085 CAT MOTOR GRADER - '01	193,986.21	12		54,539.13	59,973.75	10,730.90-	16,165.52	146,836.78
3/22/2002 5095 CAT LOADER 924HZ	172,255.42	10		.00	120.00	120.00	.00	.00
5/21/2012 6018 3000PSI PRESSURE WASHER (SHOP)	96,112.69	08		2,336.51	5,257.50	6,690.28-	9,611.27	57,667.61
2/21/2014 6019 3500PSI STEAMER	5,000.00	08		.00	.00	625.00-	625.00	3,177.08
2/21/2014	4,900.00			3,726.04	.00	612.50-	612.50	3,113.54
TOTAL MAJOR EQUIPMENT	5,588,304.66	2,092,160.06	782,965.14	1,139,768.08	83,336.56	273,466.38	1,818,693.68	
MINOR EQUIPMENT								
12/20/2006 1017 VICON MOWER-2006	5,664.18	04		.00	.00	.00	.00	.00
1/01/1952 1021 #33 HUSKY GRADER-PULL TYPE	985.50	08		.00	.00	.00	.00	.00
6/14/2013 1101 10' HYDRAULIC FLEXWING	24,581.26	05	SOLD	60.18	48.00	12.18-	.00	.00
5/09/2001 1550 VIBRATORY ASPHALT PLATE CUTT	1,597.50	10		11,880.97	.00	2,458.14-	2,458.14	.00
5/09/2001 1800 ASPHALT CUTTER	5,462.12	10		24.93	.00	24.93-	.00	.00
7/15/1994 2017 SPRAYER-94	1,500.00	05		1,074.98	100.00	974.98-	.00	.00
6/01/1961 2020 TAR KETTLE	715.00	05		240.24	.00	240.14-	.00	.00
1/01/1952 2022 #33 HUSKY GRADER-PULL TYPE	985.50	08		.00	.00	.00	.00	.00
4/01/1973 2046 TAR KETTLE	1,993.44	05		.00	.00	.00	.00	.00
6/01/1985 2066 PAVER TRAILER	4,370.00	08	SOLD	.00	.00	.00	.00	.00
7/24/1997 2068 BROCE BROOM	24,803.85	10		.00	.00	.00	.00	.00
5/19/2006 2087 05 ETNYRE DISTRIBUTOR	90,466.00	10		12,126.18	1,560.00	10,566.18-	.00	.00
4/20/2004 2106 20' LAWN SERVICE TRAILER	2,465.70	10		3,015.56	1,568.00	3,280.51-	3,015.56	.00
5/23/2016 2107 TOWMASTER TRAILER (2016)	37,383.68	10	NEW	1,707.75	.00	1,707.75-	.00	.00
				955.81	.00	3,136.52-	2,180.71	35,202.97

Le Sueur County, Minnesota
Highway Department
Summary of Maintenance Costs by Fund
As of December 31, 2016

<u>Maintenance Type</u>	<u>Account Code</u>	<u>CSAH Regular</u>	<u>Cost/Mile</u>	<u>CSAH Municipal</u>	<u>Cost/Mile</u>	<u>County Road</u>	<u>Cost/Mile</u>
Routine Maintenance	MA	\$ 759,974.44	3,204.48	\$ 142,623.29	4,928.24	\$ 941,018.02	3,963.02
Repairs and Replacements	MB	\$ 189,586.75	799.40	\$ 8,493.99	293.50	\$ 1,165,285.10	4,907.50
Betterments	MC	\$ 204,210.69	861.07	\$ 10,164.12	351.21	\$ 45,957.33	193.55
Special Work	MD	\$ 29,716.70	125.30	\$ -	-	\$ 30,890.46	3.07
Special Agreements	ME	\$ -	-	\$ 132,794.01	4,588.60	\$ -	-
Unallocated Expenses		\$ 194,852.05		\$ 23,776.27		\$ 195,087.86	
Adjustment to Equalize Depreciation		\$ (19,190.27)		\$ (2,341.64)		\$ (19,213.49)	
Subtotal		\$ 1,359,150.36	5,730.94	\$ 315,510.04	10,902.21	\$ 2,359,025.28	9,934.83
Total Number of Miles		237.16		28.94		237.45	
Mileage Proration Percent		47.098%		5.747%		47.155%	


 Mon.
 MA 2015
 AG account

Le Sueur County, Minnesota
 Highway Department
 State Aid Bond
 As of December 31, 2016

2009A Bond

Bond Issue Amount: \$ 2,600,379.60
 Bond Issue Date: 11/30/09

<u>Project No.</u>	<u>Project Finalized</u>	<u>Date Applied</u>	<u>Amount Applied</u>	<u>Bond Fund Balance</u>
				2,600,379.60
SAP 40-639-003	no	8/20/2010	\$ 15,678.80	\$ 2,584,700.80
SAP 40-639-003	no	9/10/2010	\$ 53,838.40	\$ 2,530,862.40
SAP 40-639-003	no	10/8/2010	\$ 69,175.87	\$ 2,461,686.53
SAP 40-639-003	no	11/12/2010	\$ 406,777.46	\$ 2,054,909.07
SAP 40-639-003	no	12/10/2010	\$ 581,252.15	\$ 1,473,656.92
SAP 40-649-002	no	9/16/2011	\$ 20,632.62	\$ 1,453,024.30
SAP 40-649-002	no	10/7/2011	\$ 81,208.82	\$ 1,371,815.48
SAP 40-649-002	no	11/4/2011	\$ 292,618.34	\$ 1,079,197.14
SAP 40-649-002	no	12/2/2011	\$ 37,820.98	\$ 1,041,376.16
SAP 40-649-002	no	1/6/2012	\$ 1,581.97	\$ 1,039,794.19
SAP 40-649-002	no	6/8/2012	\$ 41,376.20	\$ 998,417.99
SAP 40-649-002	yes	7/13/2012	\$ 24,760.97	\$ 973,657.02
SAP 40-614-009*	no	8/26/2013	\$ 15,609.74	\$ 958,047.28
SAP 40-614-009*	no	10/1/2013	\$ 1,225.50	\$ 956,821.78
SAP 40-614-009*	no	11/8/2013	\$ 724.38	\$ 956,097.40
SAP 40-614-009*	no	12/20/2013	\$ 1,372.75	\$ 954,724.65
SAP 40-639-003	yes	3/21/2014	\$ 59,301.19	\$ 895,423.46
SAP 40-614-009	no	8/29/2014	\$ 223,201.75	\$ 672,221.71
SAP 40-614-009	no	8/29/2014	\$ 118,526.94	\$ 553,694.77
SAP 40-614-009	no	9/26/2014	\$ 208,065.96	\$ 345,628.81
SAP 40-614-009	no	12/19/2014	\$ 319,685.19	\$ 25,943.62
SAP 40-614-009	yes	4/8/2016	\$ 25,943.62	\$ -

* adj bond applies to project in 2014

Gone

Le Sueur County, Minnesota
 Highway Department
 State Aid Bond
 As of December 31, 2016

2015A CIP

Bond Issue Amount: \$ 4,802,857.23
 Bond Issue Date: 02/24/15

<u>Project No.</u>	<u>Project Finalized</u>	<u>Date Applied</u>	<u>Amount Applied</u>		<u>Bond Fund Balance</u>
				\$	4,802,857.23
SAP 040-628-023	no	8/5/2015	\$ 624,287.95	\$	4,178,569.28
SAP 040-628-023	no	9/18/2015	\$ 1,287,793.77	\$	2,890,775.51
SAP 040-628-023 (adjustment)	no	9/18/2015	\$ (5,313.76)	\$	2,896,089.27
SAP 040-628-023	yes	1/29/2016	\$ 138,433.60	\$	2,757,655.67
SAP 040-632-007	no	7/22/2016	\$ 115,058.15	\$	2,642,597.52
SAP 040-632-007	no	8/26/2016	\$ 461,516.10	\$	2,181,081.42
SAP 040-632-007	no	10/7/2016	\$ 1,224,458.13	\$	956,623.29

Le Sueur County, Minnesota
Highway Department
State Aid Bond
As of December 31, 2016

2015A State Aid

Bond Issue Amount: \$ 5,001,538.87
Bond Issue Date: 02/24/15

<u>Project No.</u>	<u>Project Finalized</u>	<u>Date Applied</u>	<u>Amount Applied</u>	<u>Bond Fund Balance</u>
			\$	5,001,538.87
SAP 040-603-025	no	5/15/2015	\$ 223,963.81	\$ 4,777,575.06
SAP 040-603-025	no	6/12/2015	\$ 363,866.56	\$ 4,413,708.50
SAP 040-603-025(SEH eng)	no	6/12/2015	\$ 189,484.75	\$ 4,224,223.75
SAP 040-603-025(SEH eng)	no	7/7/2015	\$ 36,264.65	\$ 4,187,959.10
SAP 040-603-025	no	7/17/2015	\$ 693,974.65	\$ 3,493,984.45
SAP 040-603-025(SEH eng)	no	8/4/2015	\$ 41,354.41	\$ 3,452,630.04
SAP 040-603-025	no	8/14/2015	\$ 356,135.80	\$ 3,096,494.24
SAP 040-603-025	no	9/18/2015	\$ 486,586.04	\$ 2,609,908.20
SAP 040-603-025 (adjustment)	no	9/18/2015	\$ (159,026.52)	\$ 2,768,934.72
SAP 040-603-025(SEH eng)	no	10/6/2015	\$ 32,948.40	\$ 2,735,986.32
SAP 040-628-028	no	9/18/205	\$ 8,163.33	\$ 2,727,822.99
SAP 040-628-028	no	10/23/2015	\$ 20,564.97	\$ 2,707,258.02
SAP 040-603-025	no	10/23/2015	\$ 101,040.98	\$ 2,606,217.04
SAP 040-603-025(SEH eng)	no	10/31/2015	\$ 34,201.08	\$ 2,572,015.96
SAP 040-614-010	no	12/4/2015	\$ 15,313.76	\$ 2,556,702.20
SAP 040-614-010	no	12/4/2015	\$ 214,473.00	\$ 2,342,229.20
SAP 040-628-028	no	12/4/2015	\$ 27,702.67	\$ 2,314,526.53
SAP 040-603-025	no	12/4/2015	\$ 75,547.59	\$ 2,238,978.94
SAP 040-603-025(SEH eng)	no	12/1/2015	\$ 28,864.75	\$ 2,210,114.19
SAP 040-603-025(SEH eng)	no	12/31/2015	\$ 14,267.99	\$ 2,195,846.20
SAP 040-603-025(American eng)	no	12/31/2015	\$ 91,188.25	\$ 2,104,657.95
SAP 040-603-025	no	12/31/2015	\$ 313,850.31	\$ 1,790,807.64
SAP 040-628-028	no	1/6/2016	\$ 1,096.39	\$ 1,789,711.25
SAP 040-603-025(SEH eng)	no	2/5/2016	\$ 5,914.72	\$ 1,783,796.53
SAP 040-614-010	yes	1/29/2016	\$ 20,200.02	\$ 1,763,596.51
SAP 040-603-025(SEH eng)	no	6/16/2016	\$ 4,908.14	\$ 1,758,688.37
SAP 040-628-028	no	6/16/2016	\$ 37,018.97	\$ 1,721,669.40
SAP 040-603-025	no	6/25/2016	\$ 95,662.67	\$ 1,626,006.73
SAP 040-603-025	no	7/22/2016	\$ 80,576.90	\$ 1,545,429.83
SAP 040-628-028	yes	7/22/2016	\$ 4,976.12	\$ 1,540,453.71
SAP 040-603-025(SEH eng)	no	7/22/2016	\$ 1,209.35	\$ 1,539,244.36
SAP 040-603-025(SEH eng)	no	8/26/2016	\$ (1,209.35)	\$ 1,540,453.71
SAP 040-603-025	yes	10/7/2016	\$ 83,166.14	\$ 1,457,287.57
SAP 040-603-025(SEH eng)	yes	10/7/2016	\$ 10,410.10	\$ 1,446,877.47

CSA 26
P. J. ...

STATE OF MINNESOTA
LE SUEUR COUNTY BOARD OF COMMISSIONERS
SEATED AS DRAINAGE AUTHORITY UNDER STATUTES CHAPTER 103E
FOR LE SUEUR COUNTY DITCH 54

Regarding the Petition of Ducks Unlimited and the Minnesota Department of Natural Resources for the Modification of Le Sueur County Ditch 54 (Minnesota Statutes, Section 103E.227)

**FINDINGS AND ORDER ACCEPTING
PETITION AND DIRECTING
APPOINTMENT OF ENGINEER**

Commissioner _____ offered the following Resolution and moved its adoption, seconded by Commissioner _____:

FINDINGS

1. The Minnesota Department of Natural Resources (“DNR”) has petitioned the Board of Commissioners of Le Sueur County (the “County”), Drainage Authority for Le Sueur County Ditch 54 (“CD 54”), to impound, reroute, and divert water on CD 54. The petitioned actions are for the purpose of managing water levels on Sanborn Lake for the benefit of wildlife.
2. The DNR desires to modify the current configuration, alignment and function of CD 54 in order to improve hydraulic inputs to Sanborn Lake and provide a dynamic outlet which will allow for active management of water levels in Sanborn Lake. The DNR would like to temporarily draw down lake levels in order to induce winterkill of rough fish and encourage or reestablish the growth of beneficial wetland vegetation. The DNR would like to alter the direct channel connection from Sanborn Lake with spur 2 of CD 54 which will create a secondary outlet. The DNR would like to modify the CD 54 outlet of Sanborn Lake to provide for lake level management and allow the Minnesota DNR Section of Wildlife the ability to operate the water control structure in accordance with an approved comprehensive management plan.
3. The County’s action on the petition is governed by Minnesota Statutes Sections 103E.227. No bond or similar surety was required to be submitted by the DNR with its Petition because the DNR is a unit of government. The DNR’s petition was accompanied by the required exhibits showing the location of the installation, and plans and specifications for the proposed actions. Upon review, the petition appears complete.

Therefore, the Le Sueur County Board of Commissioners makes the following:

[15741-0022/2676136/1]

ORDER

- A. The Board of Commissioners accepts the petition and appoints Engineer Chuck Brandel of ISG to investigate the effect of the proposed action under the standards found in sections 103E.227 and file a report of findings.

- B. The Engineer is directed to include in its investigation an assessment of effects of the proposed action, including the lake management plan, on properties within the benefitted area of CD 54 in in downstream reaches of CD 54, in order to render an opinion of whether the proposed action will be of a public or private benefit and whether it will impair the utility of the drainage system or deprive affected landowners of its benefit. The engineer shall also address any additional easements for right of way or flowage required by the action.

- C. This order is not an approval of the action proposed in the petition, nor does it modify the drainage system. Subsequent proceedings on the petition will occur consistent with the requirements of Statutes Sections 103E.227.

The question was on the adoption of the Resolution and there were __ yeas and __ nays as follows:

	<u>Yea</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
GLISZINSKI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CONNOLLY	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
KING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
WETZEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ROHLFING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Upon vote, the Chairperson declared the Resolution adopted.

Dated this 6th day of June, 2017.

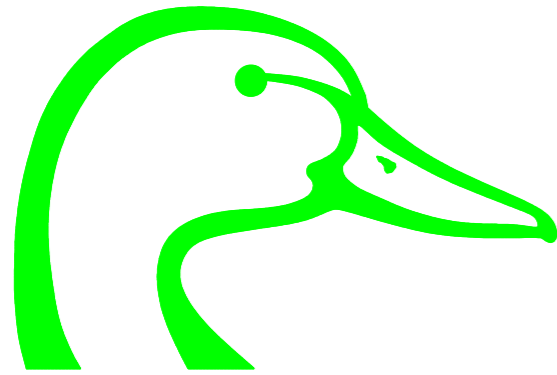
LE SUEUR COUNTY BOARD OF
COMMISSIONERS SEATED AS DRAINAGE
AUTHORITY UNDER STATUTES CHAPTER 103E
FOR LE SUEUR COUNTY DITCH 54

Attest:

County Administrator

By _____
Chairperson

[15741-0022/2676136/1]



DUCKS UNLIMITED

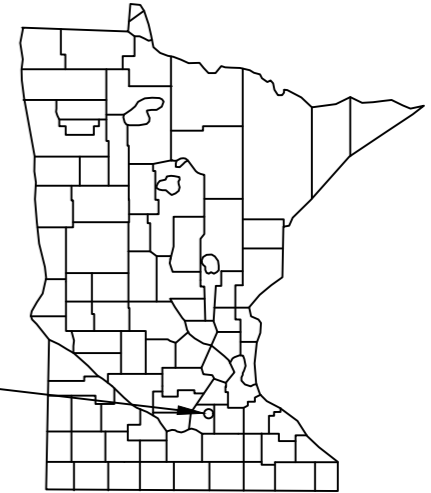
DUCKS UNLIMITED, INC.

SANBORN LAKE

SECTION 26 TOWNSHIP 112N, RANGE 23W
LE SUEUR COUNTY, MN

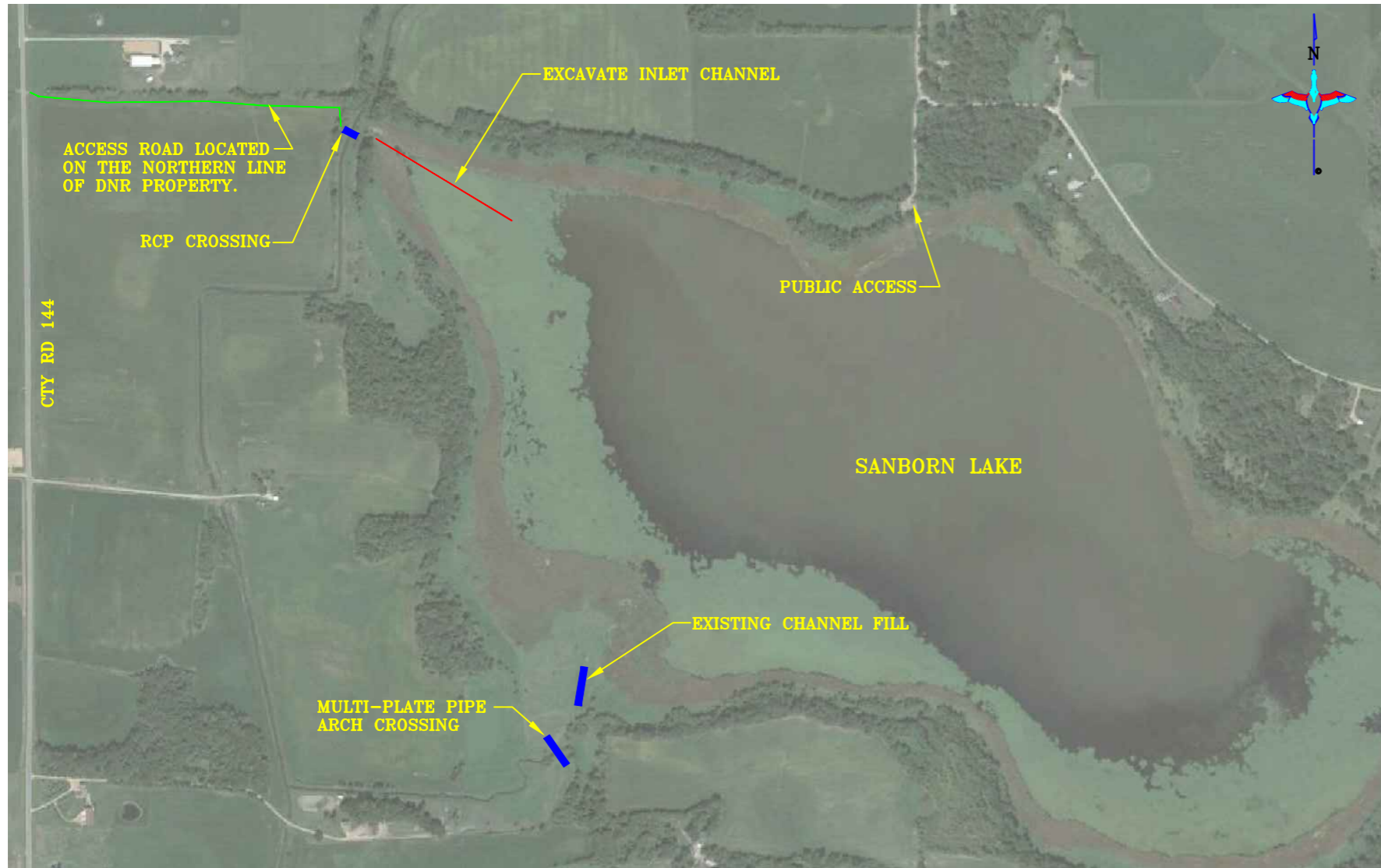
IN COOPERATION WITH

MINNESOTA DEPARTMENT OF NATURAL RESOURCES



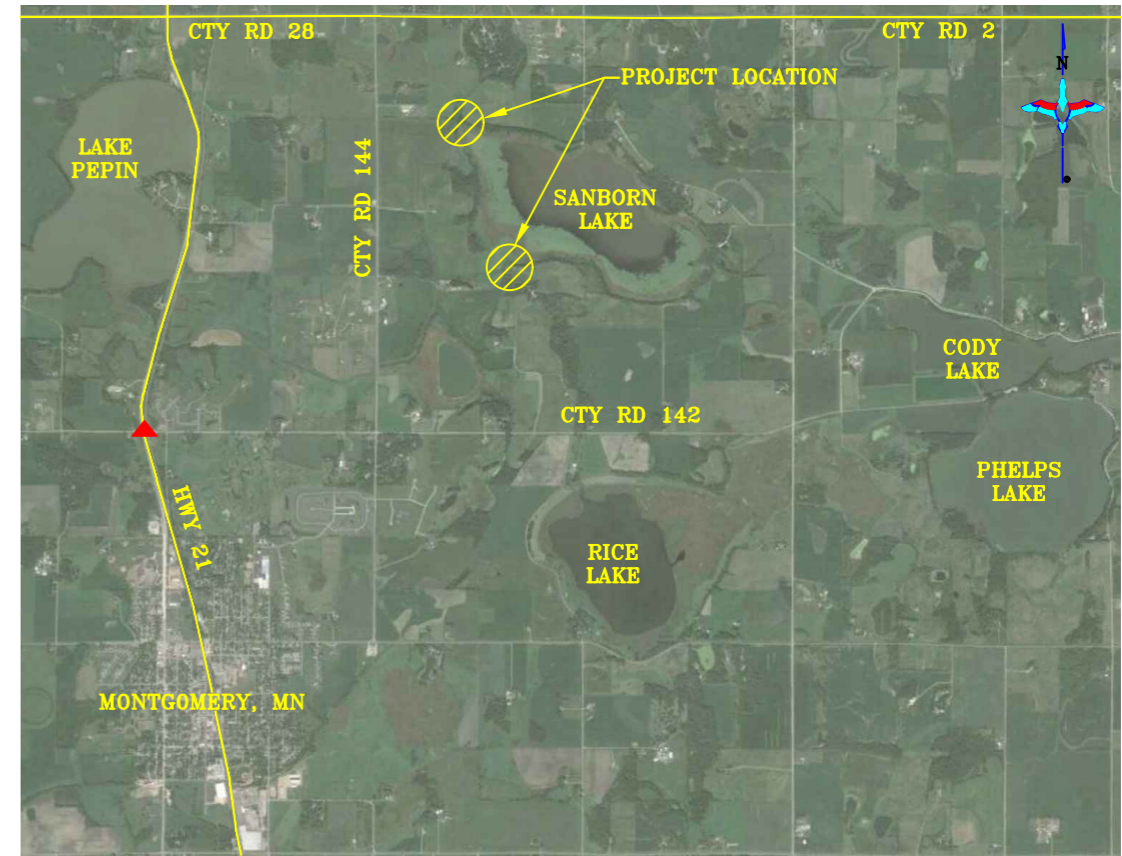
PROJECT LOCATION

MINNESOTA



LOCATION MAP
NOT TO SCALE

MAP POINT "▲" IS LOCATED @ INTERSECTION OF STATE HWY 21 AND COUNTY ROAD 142 (340TH STREET) LOCATED ±1 MILE NORTH OF MONTGOMERY, MN TO SITE FROM MAP POINT: HEAD EAST ON COUNTY ROAD 142 (340TH STREET) ±1 MILE TO INTERSECTION OF COUNTY ROAD 142 & COUNTY ROAD 144. HEAD NORTH ON COUNTY ROAD 144 ±1.5 MILES TO ACCESS POINT ON EAST SIDE OF ROAD. LAT: 44° 28' 45.2" LONG: 93° 33' 59.0"



VICINITY MAP
NOT TO SCALE

PLAN INDEX

- 1 PROJECT LOCATION MAPS
- 2 ESTIMATED QUANTITIES AND CONSTRUCTION NOTES
- 3 PROJECT TOPOGRAPHY
- 4 PLAN & PROFILE RCP CROSSING, DETAILS AND NOTES
- 5 PLAN & PROFILE W.C.S., DETAILS AND NOTES
- 6-9 WATER CONTROL STRUCTURE DETAILS
- 10 STOPLOG STORAGE BOX DETAILS
- 11 PLAN & PROFILE INLET CHANNEL
- 12 PLAN & PROFILE AND MULTI-PLATE PIPE ARCH CROSSING DETAILS
- 13 EXISTING CHANNEL "FILL" DETAILS AND NOTES
- 14 PLAN VIEW EROSION CONTROL
- 15 STORM WATER POLLUTION PREVENTION PLAN

PROJECT CONTACTS:

JOE STANGEL
NICOLLET DNR OFFICE

JIM STREIFEL, P.E.
DU - BISMARCK, ND
701-355-3551

IF THESE PLANS ARE NOT PLOTTED AND/OR REPRODUCED AT THE ORIGINAL SIZE OF 24"x 36" ANY SCALE REFERENCED HEREIN SHOULD BE DISREGARDED AND THE PLANS SHOULD BE CONSIDERED "NOT TO SCALE."

Revision Number	Sheet Number	Revisions	Date	Rv	hereby certify that this plan, specification or report was prepared
2	4 & 5	Changed 96" RCP to 10'x10' RCP	3/27/17	JS	James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

	PROJECT NO. MN-445-1	DESIGNED BY: JAS
	SANBORN LAKE COVER SHEET	DRAWN BY: MLO
GREAT PLAINS REGIONAL OFFICE	SHEET NO. 1	SURVEYED BY: GLJ
DATE: 3-27-2017	APPROVED BY:	CHECKED BY:

ESTIMATED QUANTITIES

NOTE	SPEC.#	ITEM	UNIT	QUANTITY
1	201	MOBILIZATION	L.S	1
2	202	SITE PREPARATION	L.S	1
3	203	EXCAVATION - INLET CHANNEL	L.F.	2,005
	204	EMBANKMENT		
4		COUNTY DITCH 54 CROSSING	C.Y.-P	700
4		MULTI-PLATE PIPE ARCH CROSSING	C.Y.-S	400
5		EXISTING CHANNEL FILL	L.F.	275
	303	CULVERT SUPPLY AND INSTALLATION		
		10' x 10' PRECAST RCB	L.F.	32
		10' x 10' SLOPED END SECTION	E.A.	2
		48"Ø WELDED STEEL PIPE	L.F.	78
		9'-4"x6'-3" MULTI-PLATE PIPE ARCH	L.F.	48
6	304	CAST-IN-PLACE REINFORCED CONCRETE	C.Y.	2
	305	RIPRAP, REVETMENT, AND AGGREGATE PLACEMENT		
7		DU CLASS II RIPRAP	TDN	275
7		DU CLASS III RIPRAP	TDN	200
8		¾"-1½" CRUSHED ROCK BEDDING & BACKFILL	TDN	345
9	307	SHEET PILE MATERIAL	S.F.	893
9	307	SHEET PILE INSTALLATION	S.F.	893
10	309	STRUCTURAL STEEL		
		ALUMINUM STOPLOGS	L.S.	1
		GALVANIZED CATWALK COMPONENTS	L.S.	1
		GALVANIZED CHANNEL GUIDES	L.S.	1
		GALVANIZED LIFTING HOOKS	L.S.	1
		GALVANIZED STORAGE BOX	L.S.	1
		PILE CAP	L.S.	1
11	311	REMOVAL OF EXISTING STRUCTURES	L.S.	1
12	401	STORMWATER MANAGEMENT AND POLLUTION CONTROL		
		SILT FENCE	L.F.	1200
		EROSION CONTROL BLANKET	S.Y.	1900
		STORMWATER PERMIT FOR CONSTRUCTION	L.S.	1
		FLOATING SILT FENCE	L.F.	40
13	402	SEEDING & MULCHING	ACRE	3.2
		MISCELLANEOUS		
14		CLEARING & GRUBBING	L.S.	1

RIPRAP SCHEDULE

LOCATION	CLASS II	CLASS III
RCB CROSSING-U-S- SIDE	100 TDN	
RCB CROSSING-D-S- SIDE		200 TDN
W.C.S. UPSTREAM SIDE	34 TDN	
MULTI-PLATE PIPE ARCH CROSSING	140 TDN	

¾"-1½" CRUSHED ROCK SCHEDULE

LOCATION	¾"-1½" ROCK
RCB BEDDING & BACKFILL	150 TDN
WSP BEDDING & BACKFILL	90 TDN
MULTI-PLATE BEDDING & BACKFILL	100 TDN

CONSTRUCTION NOTES:

- BID ITEM FOR MOBILIZATION SHALL INCLUDE THE SUPPLY OF ALL LABOR, MATERIAL AND EQUIPMENT TO TRANSPORT ALL NEEDED LABOR, MATERIAL AND EQUIPMENT TO AND FROM A PROJECT SITE TO SUCCESSFULLY COMPLETE THAT PROJECT AS SHOWN ON THE PLANS OR DESCRIBED BY THE ENGINEER.
- SITE PREPARATION BID ITEM SHALL INCLUDE STRIPPING BENEATH BOTH CROSSING SITES, WATER CONTROL STRUCTURE PIPELINE, AND BORROW/SPOIL AREA'S. TOPSOIL SHALL BE STOCKPILED AND REPLACED OVER COMPLETED CROSSINGS, WATER CONTROL STRUCTURE PIPELINE, BORROW/SPOIL AREA AND CHANNEL SIDES LOPES. BID ITEM SHALL INCLUDE LEVELING AND DRAGGING OR DISK PRIOR TO PLACEMENT OF SEED MIX.
- BID ITEM FOR INLET CHANNEL EXCAVATION SHALL INCLUDE ALL WORK REQUIRED TO EXCAVATE THE INLET CHANNEL AS SHOWN ON THE PLANS. ALL SPOIL MATERIAL MUST BE REMOVED FROM ANY WETLAND AREA AND DEPOSITED IN THE DESIGNATED SPOIL AREA AS SHOWN ON SHEET 3. A SECOND MOBILIZATION MAY BE REQUIRED TO COMPLETE INLET CHANNEL EXCAVATION FOLLOWING DRAW DOWN OF LAKE LEVELS. SPOIL MATERIAL SHALL BE LEVELED AND TOPSOIL PLACED OVER COMPLETED SURFACE. PAYMENT IS BASED ON LINEAR FEET, CONTRACTOR WILL ONLY BE PAID FOR THE EXACT AMOUNT OF FINISHED CHANNEL EXCAVATED IN THE FIELD.
- BID ITEM FOR EMBANKMENT (MULTI-PLATE PIPE ARCH CROSSING AND COUNTY DITCH 54 CROSSING) SHALL INCLUDE ALL WORK REQUIRED TO HAUL, PLACE AND COMPACT FILL MATERIAL TO CONSTRUCT CROSSING AS STAKED IN THE FIELD. THE ESTIMATED QUANTITY OF 400 C.Y.-S AND 700 C.Y. INCLUDES 15% ESTIMATED SHRINKAGE. IF WATER IS REQUIRED TO OBTAIN THE SPECIFIED COMPACTION OF 95% OF THE STANDARD PROCTOR, IT WILL BE CONSIDERED INCIDENTAL TO THE EMBANKMENT BID ITEM. THE DU FIELD ENGINEER WILL STAKE CROSSING PRIOR TO CONSTRUCTION AND DETERMINE QUANTITY IN THE FIELD. MATERIAL SHALL BE OBTAINED FROM THE DESIGNATED BORROW AREAS AS SHOWN ON SHEETS 4 AND 13.
- BID ITEM FOR EMBANKMENT (EXISTING CHANNEL FILL) SHALL INCLUDE ALL WORK REQUIRED TO STRIP TOPSOIL, STOCKPILE, HAUL, PLACE AND COMPACT NEW FILL IN EXISTING CHANNEL. THIS ALSO INCLUDES RE-TOPSOILING EXISTING CHANNEL. PAYMENT IS BASED ON LINEAR FEET, CONTRACTOR WILL ONLY BE PAID FOR THE AMOUNT OF LINEAR FEET AS DETERMINED IN THE FIELD.
- BID ITEM FOR CAST-IN-PLACE CONCRETE SHALL INCLUDE: MATERIALS AND INSTALLATION OF THE CONCRETE FLOOR AS DETAILED ON SHEET 8. THIS INCLUDES DOWELS, REBAR, & CONCRETE.
- BID ITEM FOR RIPRAP DU CLASS II & III IS AS SHOWN ON THE PLANS AND RIPRAP SCHEDULE. THIS SHEET. NON-WOVEN FILTER FABRIC IS REQUIRED BENEATH ALL ROCK RIPRAP AND SHALL BE SECURED TO SLOPES AND BOTTOM USING PINS AS NOTED IN SPECIFICATION 305. EXCAVATION REQUIRED FOR ROCK RIPRAP AND PLACEMENT SHALL ALSO BE PAID FOR UNDER THIS LINE ITEM. CONTRACTOR WILL BE PAID FOR THE ACTUAL QUANTITY INSTALLED. QUANTITIES ARE BASED ON TONS, CONTRACTOR SHALL PROVIDE SCALE TICKETS WITH WEIGHTS INCLUDING TARE WEIGHTS, GROSS WEIGHTS, AND NET WEIGHTS OF MATERIAL DELIVERED. **RIPRAP SUPPLY SOURCE SHALL BE IDENTIFIED FOR INSPECTION BY THE MNDNR FOR INVASIVE SPECIES PRIOR TO TRANSPORTING ONSITE.**
- BID ITEM FOR ¾"-1½" CRUSHED ROCK BEDDING & BACKFILL SHALL INCLUDE MATERIALS, HAULING, PLACING, AND COMPACTING. QUANTITY IS BASED ON TONS, CONTRACTOR SHALL PROVIDE SCALE TICKETS WITH WEIGHTS INCLUDING TARE WEIGHTS, GROSS WEIGHTS, AND NET WEIGHTS OF MATERIAL DELIVERED.
- SHEET PILE MATERIAL SHALL BE PZ-22, HOT ROLLED OR APPROVED EQUAL. MINIMUM THICKNESS OF 0.375" (¾") AND MINIMUM SECTION MODULUS 18.1³.
- BID ITEMS FOR STRUCTURAL STEEL SHALL INCLUDE ALL INDIVIDUAL LINE ITEMS LISTED UNDER THIS HEADING AND INCLUDE ALL MATERIALS AND LABOR REQUIRED FOR COMPLETE INSTALLATION AS SHOWN ON THE PLANS. ANY GALVANIZED ITEMS LISTED REQUIRING FIELD WELDING SHALL BE RE-PAINTED WITH A COLD GALVANIZED SPRAY.
- BID ITEM FOR REMOVAL OF EXISTING STRUCTURES SHALL BE FOR REMOVING AND DISPOSING OFF-SITE THE EXISTING 72"Ø CMP AT MULTI-PLATE PIPE ARCH CROSSING AND THE EXISTING 96"Ø RISERS AND BARRELS. SUCH MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR FOR PROPER DISPOSAL OFF-SITE. ANY EXISTING ROCK AT THIS LOCATION SHALL BE SALVAGED AND RE-INSTALLED UNDER THIS LINE ITEM.
- THE BID ITEM FOR STORM WATER MANAGEMENT AND POLLUTION CONTROL SHALL INCLUDE THE SUPPLY, INSTALLATION AND MAINTENANCE OF SILT FENCE, MNDOT CATEGORY 3 EROSION CONTROL BLANKET, AND FLOATING SILT FENCE. EXACT LOCATION AND QUANTITY MAY VARY DEPENDING UPON ACTUAL SITE CONDITIONS. **EROSION CONTROL MEASURES SHALL BE INSTALLED CONCURRENTLY OR WITHIN 24 HOURS AFTER THE START OF WORK AND WILL BE MAINTAINED FOR THE DURATION OF THE PROJECT.** CONTRACTOR WILL BE PAID AT THE UNIT PRICE BID FOR THE ACTUAL QUANTITY INSTALLED. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL, INSPECT AND MAINTAIN THE BEST MANAGEMENT PRACTICE MEASURES REQUIRED TO PREVENT SILT AND POLLUTION RUNOFF. IF ADDITIONAL ITEMS NOT LISTED ON THE UNIT PRICE TABLE ARE NEEDED, THOSE SHALL BE CONSIDERED EXTRA WORK. THE CONTRACTOR WILL ALSO BE REQUIRED TO OBTAIN THE STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES PRIOR TO THE START OF THE CONSTRUCTION.
- BID ITEM SEEDING AND MULCHING SHALL INCLUDE THE EQUIPMENT AND LABOR REQUIRED TO LEVEL AND PREPARE TOPSOIL FOR SEEDING AND MULCHING IN ALL DISTURBED AREAS. **THE CONTRACTOR WILL PROVIDE THE LOCAL ECO-TYPE SEED MIXTURE AND BE RESPONSIBLE FOR PLACING SEED IN ACCORDANCE WITH DU SPECIFICATION 402.** MNDOT TYPE 1 MULCH SHALL BE APPLIED TO ALL AREAS SEEDED AS DIRECTED BY THE DU FIELD ENGINEER. PAYMENT WILL BE BASED ON ACTUAL ACRES SEEDED AND MULCHED AFTER FINAL COMPLETION OF PROJECT, THIS WILL BE DETERMINED BY DU FIELD ENGINEER.
- BID ITEM FOR CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL OF TREES AND BRUSH ALONG RCB CROSSING, INLET CHANNEL, WATER CONTROL STRUCTURE, MULTI-PLATE PIPE ARCH AND CROSSING, BORROW AREAS, AND ANY MISCELLANEOUS AREAS IDENTIFIED BY THE DU FIELD ENGINEER. CONTRACTOR SHALL DISPOSE OF TREES AND BRUSH BY CHIPPING, MARKETING OR STOCKPILING FOR BURNING. SEE PLANS FOR DETAILS.

A NOTE CONCERNING INVASIVE SPECIES REQUIREMENTS

THE MINNESOTA DNR/USFWS OPERATION ORDER 113 REQUIRES PREVENTING OR LIMITING THE INTRODUCTION, ESTABLISHMENT AND SPREAD OF INVASIVE SPECIES DURING ACTIVITIES ON PUBLIC WATER AND USFWS ADMINISTERED LANDS. THE CONTRACTOR SHALL PREVENT INVASIVE SPECIES FROM ENTERING INTO OR SPREADING WITHIN A PROJECT SITE BY CLEANING EQUIPMENT AND CLOTHING PRIOR TO ARRIVING AT THE PROJECT SITE. THE DNR SHALL INSPECT ALL EQUIPMENT AND CLOTHING AT THE STAGING AREA DETERMINED AT THE PRE-CONSTRUCTION MEETING.

IF EQUIPMENT OR CLOTHING ARRIVES AT THE PROJECT SITE WITH SOIL, AGGREGATE MATERIAL, MULCH, VEGETATION (INCLUDING SEEDS) OR ANIMALS, IT SHALL BE CLEANED BY CONTRACTOR FURNISHED TOOL OR EQUIPMENT (BRUSH/BROOM, COMPRESSED AIR, OR PRESSURE WASHER) AT THE STAGING AREA. THE CONTRACTOR SHALL DISPOSE OF MATERIAL CLEANED FROM EQUIPMENT AND CLOTHING AT A LOCATION DETERMINED BY THE OWNER. IF MATERIAL CANNOT BE DISPOSED OF ONSITE, SECURE MATERIAL PRIOR TO TRANSPORT (SEALED CONTAINER, COVERED TRUCK, OR WRAP WITH TARP) AND LEGALLY DISPOSE OF OFFSITE.

IF WORK IS PERFORMED WITHIN A WATER BODY, THE CONTRACTOR SHALL CLEAN EQUIPMENT AND CLOTHING AS NOTED ABOVE, PRIOR TO ENTERING AND LEAVING THE WATER BODY. DRAIN ALL WATER FROM EQUIPMENT WHERE WATER MIGHT BE TRAPPED, SUCH AS TANKS, PUMPS, HOSES, SILT CURTAINS, AND WATER RETAINING COMPONENTS OF BOATS/BARGES.

THE SOURCES OF ALL IMPORTED MATERIAL SHALL BE INSPECTED FOR INVASIVE SPECIES BY THE DNR PRIOR TO TRANSPORTING.

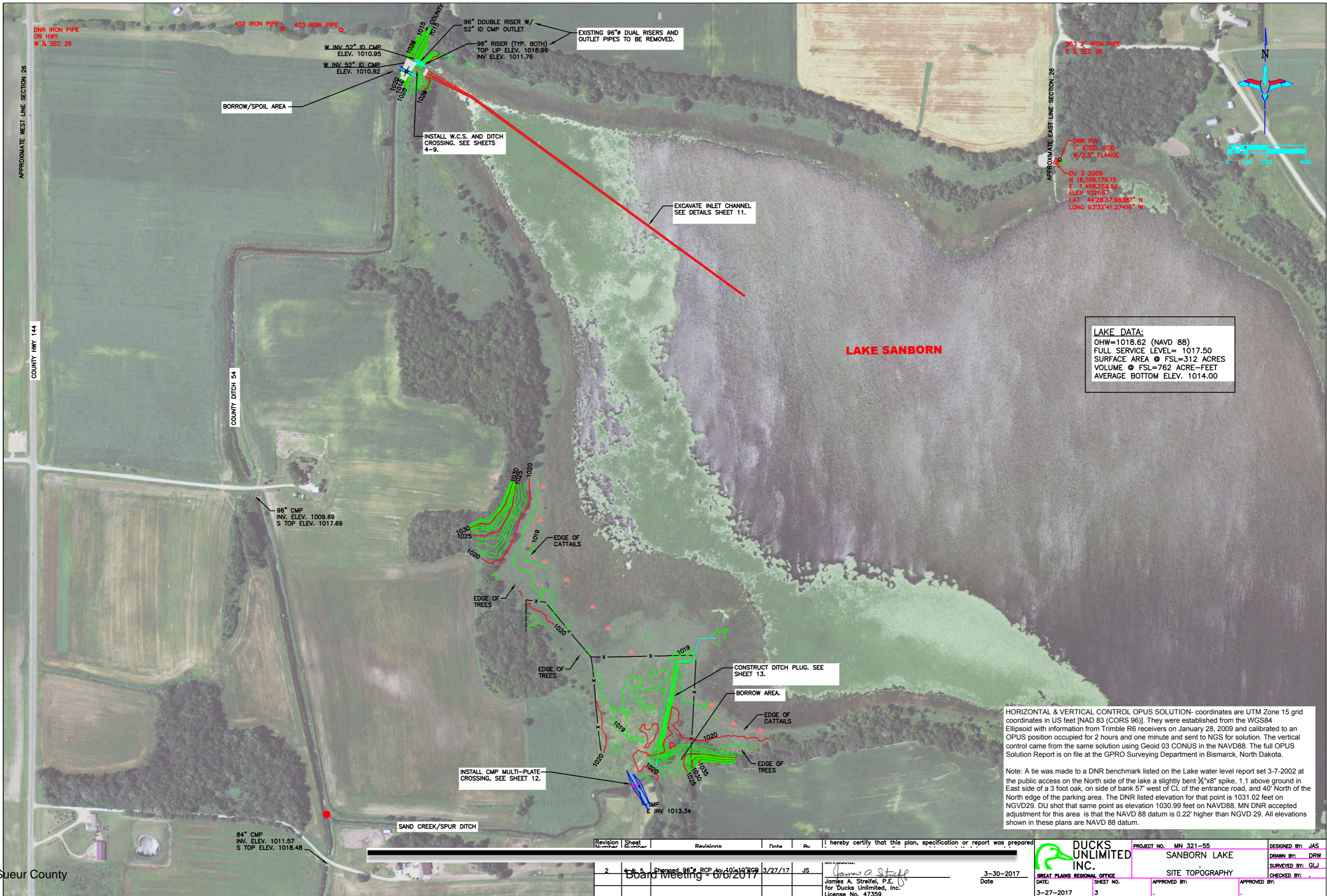
UTILITIES NOTE

BEFORE THE START OF CONSTRUCTION, THE OWNER OF ANY UTILITIES INVOLVED MUST BE NOTIFIED. THE EXCAVATOR/CONTRACTOR IS RESPONSIBLE FOR GIVING THIS NOTICE BY CALLING "GOPHER STATE ONE-CALL" AT 800-252-1166 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.

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Revision Number	Sheet Number	Revisions	Date	By	I hereby certify that this plan, specification or report was prepared
2	4 & 5	Changed 96" RCP to 10'x10' RCB	3/27/17	JS	James A. Streifel
		Board Meeting - 6/6/2017			

DUCKS UNLIMITED INC. GREAT PLAINS REGIONAL OFFICE DATE: 3-27-2017	PROJECT NO. MN-445-1 SANBORN LAKE ESTIMATED QUANTITIES AND CONSTRUCTION NOTES	DESIGNED BY: JAS DRAWN BY: MLO SURVEYED BY: GLJ CHECKED BY:
	APPROVED BY:	APPROVED BY:



LAKE DATA:
 OHW=1018.62 (NAVD 88)
 FULL SERVICE LEVEL= 1017.50
 SURFACE AREA @ FSL=312 ACRES
 VOLUME @ FSL=762 ACRE-FEET
 AVERAGE BOTTOM ELEV. 1014.00

HORIZONTAL & VERTICAL CONTROL OPUS SOLUTION- coordinates are UTM Zone 15 grid coordinates in US feet [NAD 83 (CORS 96)]. They were established from the WGS84 Ellipsoid with information from Trimble R6 receivers on January 28, 2009 and calibrated to an OPUS position occupied for 2 hours and one minute and sent to NGS for solution. The vertical control came from the same solution using Geoid 03 CONUS in the NAVD88. The full OPUS Solution Report is on file at the GPRO Surveying Department in Bismarck, North Dakota.

Note: A tie was made to a DNR benchmark listed on the Lake water level report set 3-7-2002 at the public access on the North side of the lake a slightly bent 3/8"x8" spike, 1.1 above ground in East side of a 3 foot oak, on side of bank 57' west of CL of the entrance road, and 40' North of the North edge of the parking area. The DNR listed elevation for that point is 1031.02 feet on NGVD29. DU shot that same point as elevation 1030.99 feet on NAVD88. MN DNR accepted adjustment for this area is that the NAVD 88 datum is 0.22' higher than NGVD 29. All elevations shown in these plans are NAVD 88 datum.

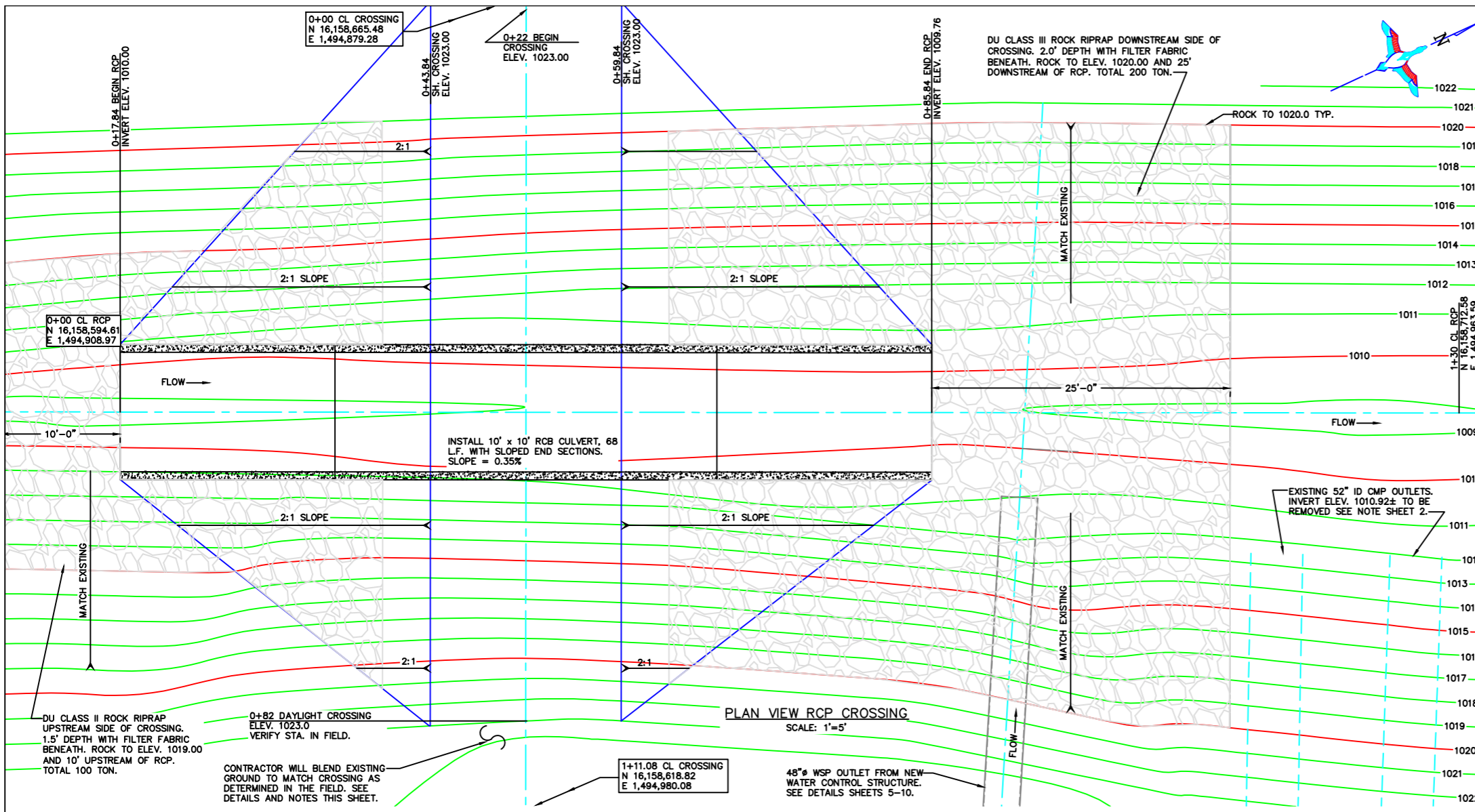
Revision Number	Sheet Number	Revisions	Date	Rv	hereby certify that this plan, specification or report was prepared
2	4 of 5	Changed 96" RCP to 10"x10" RCP	3/27/17	JS	

James A. Streifel, P.E.
 for Ducks Unlimited, Inc.
 License No. 47359

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 3-27-2017 SHEET NO. 3

PROJECT NO. MN 321-55
SANBORN LAKE
 SITE TOPOGRAPHY

DESIGNED BY: JAS
 DRAWN BY: DRW
 SURVEYED BY: GLJ
 CHECKED BY:
 APPROVED BY:



SITE PREPARATION NOTE:

MINIMUM 12" DEPTH TOPSOIL SHALL BE STRIPPED FROM BENEATH THE CROSSING FOOTPRINT AND STOCKPILED PRIOR TO INSTALLING RCP. UPON COMPLETION OF RCP INSTALLATION/CROSSING CONTRACTOR SHALL PLACE MIN. 6" DEPTH TOPSOIL OVER ALL DISTURBED AREAS NOT RECEIVING ROCK RIPRAP. ANY ADDITIONAL SITE PREPARATION WITHIN EXISTING CHANNEL BANKS WILL BE CONSIDERED "EXTRA" AND PAID FOR AS SUCH. ANY ADDITIONAL TOPSOIL SHALL BE WASTED IN BORROW AREA OR AS DIRECTED BY THE DU FIELD ENGINEER.

THE CONTRACTOR SHALL LEVEL ALL TOPSOIL SUITABLE ENOUGH FOR SEEDING & MULCHING, AS DETERMINED BY DU FIELD ENGINEER. PAYMENT FOR STRIPPING, STOCKPILING, REMOVAL/DEPOSITING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "SITE PREPARATION."

BORROW AREA/CROSSING NOTE:

THE CONTRACTOR WILL BE REQUIRED TO SHAPE EXISTING GROUND TO MATCH NEW CROSSING TOP ELEVATION, THIS SHALL BE SUITABLE ENOUGH FOR VEHICLE TRAFFIC TO CROSS SAFELY AS DETERMINED BY THE DU FIELD ENGINEER. THIS WILL BE MINIMAL WORK ON THE EAST SIDE BUT WILL REQUIRE SOME EXCAVATION AND LEVELING ON THE WEST SIDE. ANY SUITABLE MATERIAL FROM THIS EXCAVATION CAN BE USED AS FILL FOR THE NEW CROSSING. ANY FURTHER FILL REQUIRED SHALL BE TAKEN FROM THE PROPOSED BORROW AREA LOCATED ON THE WEST SIDE OF CROSSING IN THE OPEN FIELD. BORROW AREA IS ALSO DESIGNATED WASTE AREA. CONTRACTOR WILL EXCAVATE TEST HOLES IN ADJACENT FIELD TO FIND SUFFICIENT BACKFILL MATERIAL. AS DETERMINED BY THE DU FIELD ENGINEER. FILL MATERIAL SHALL BE PLACED AND COMPACTED AS DESCRIBED IN EMBANKMENT SPECIFICATION 204. CONTRACTOR SHALL BLEND BORROW AREA INTO THE EXISTING LANDSCAPE TO THE EXTENT POSSIBLE AND LEVEL SUITABLE ENOUGH FOR SEEDING & MULCHING.

ALL WORK REQUIRED TO BLEND NEW CROSSING INTO EXISTING GROUND SHALL BE CONSIDERED "INCIDENTAL" TO RCP INSTALLATION. THE COST TO HAUL AND PLACE FILL MATERIAL FOR DITCH CROSSING WILL BE PAID FOR UNDER UNIT PRICE BID FOR EMBANKMENT. THE ESTIMATED FILL QUANTITY IS 700 C.Y. INCLUDING 15% SHRINKAGE FACTOR.

COFFERDAM NOTE:

THE CONTRACTOR WILL LIKELY NEED A COFFERDAM ON BOTH THE UPSTREAM AND DOWNSTREAM SIDES OF EXISTING CHANNEL IN ORDER TO INSTALL RCP. CROSSING AND RIPRAP. COFFERDAM MATERIAL SHALL BE TAKEN FROM BORROW AREA AS NOTED ABOVE. ANY MATERIAL PLACED WITHIN THE EXISTING CHANNEL FOR "COFFERDAM" SHALL BE REMOVED ENTIRELY AFTER INSTALLATION OF THE VARIOUS COMPONENTS.

ALL COFFERDAM WORK IS CONSIDERED "INCIDENTAL" TO RCP INSTALLATION.

RIPRAP NOTE:

DU CLASS II ROCK RIPRAP SHALL BE INSTALLED ON THE UPSTREAM SIDE OF THE RCP, 1.5' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 10' UPSTREAM OF PIPE AND SIDE SLOPES TO ELEVATION 1020.0 AS SHOWN. ALL EXCAVATION REQUIRED FOR ROCK RIPRAP SHALL BE CONSIDERED "INCIDENTAL." TOTAL OF 100 TON.

DU CLASS III ROCK RIPRAP SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE RCP, 2' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 25' DOWNSTREAM OF PIPE AND UP SIDE SLOPES TO ELEVATION 1019.00 AS SHOWN. ALL EXCAVATION REQUIRED FOR ROCK RIPRAP SHALL BE CONSIDERED "INCIDENTAL." TOTAL OF 200 TON.

PAYMENT FOR ROCK RIPRAP (EXCAVATION, SPOIL REMOVAL, NON-WOVEN FILTER FABRIC, ROCK, AND INSTALLATION) SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "DU CLASS II & III."

CLEARING & GRUBBING NOTE:

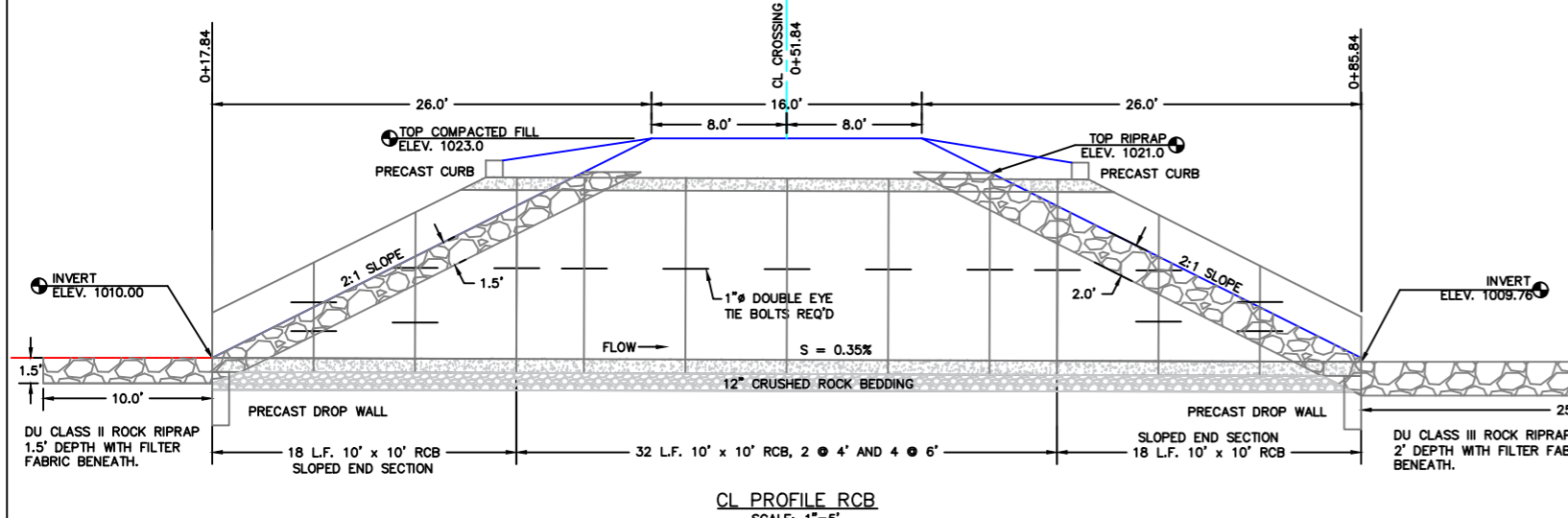
EXISTING TREES AND BRUSH ARE PRESENT ON THE WEST SIDE OF THE EXISTING DITCH. CONTRACTOR SHALL ONLY REMOVE THOSE TREES/BRUSH THAT ARE WITHIN THE CONSTRUCTION AREA, AS DETERMINED BY THE DU FIELD ENGINEER. DEBRIS SHALL BE REMOVED AND DEPOSITED IN BORROW AREA OR OTHER AS DETERMINED BY AGENCY. SUCH TREE/BRUSH REMOVAL SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "CLEARING & GRUBBING."

INSTALL 10' x 10' RCB CULVERT, 68 L.F. WITH SLOPED END SECTIONS. SLOPE = 0.35%

DU CLASS II ROCK RIPRAP UPSTREAM SIDE OF CROSSING. 1.5' DEPTH WITH FILTER FABRIC BENEATH. ROCK TO ELEV. 1019.00 AND 10' UPSTREAM OF RCP. TOTAL 100 TON.

CONTRACTOR WILL BLEND EXISTING GROUND TO MATCH CROSSING AS DETERMINED IN THE FIELD. SEE DETAILS AND NOTES THIS SHEET.

48" WSP OUTLET FROM NEW WATER CONTROL STRUCTURE. SEE DETAILS SHEETS 5-10.



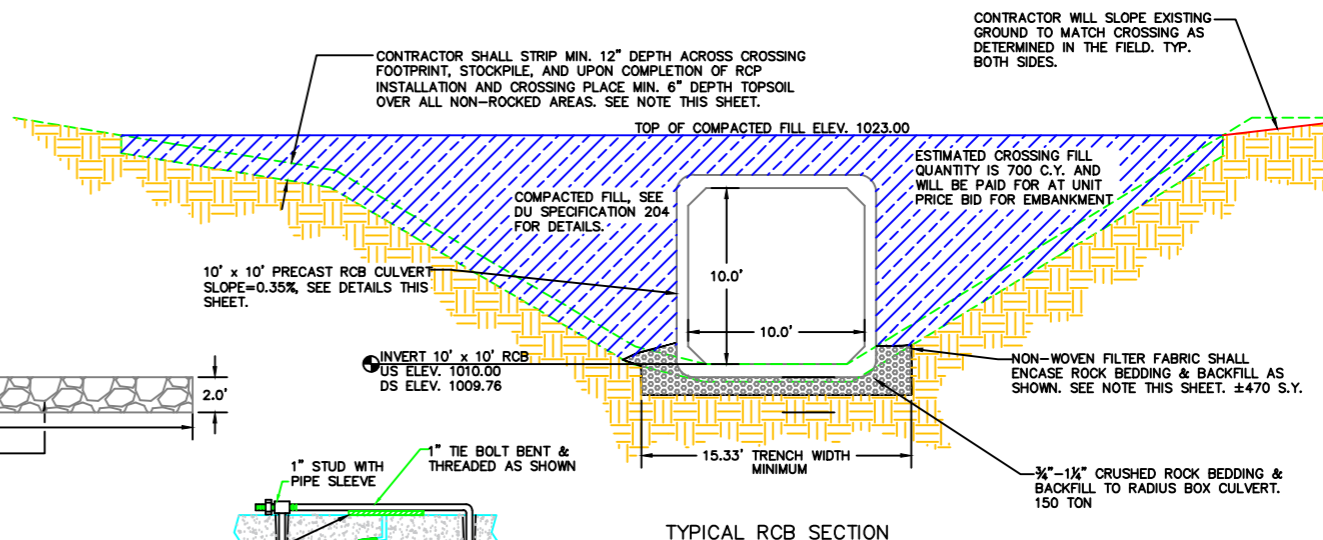
ESTIMATED QUANTITIES:

10' x 10' RCB (4@6', 2@4')	32 L.F.
10' x 10' RCP TYPE I SLOPED END	2 REQ'D
PRECAST DROP WALL	2 REQ'D
PRECAST CURB	2 REQ'D
TIE BOLTS AND JOINT TREATMENTS	
3/4"-1 1/2" CRUSHED ROCK BEDDING/BACKFILL	150 TON
DU CLASS II ROCK RIPRAP	100 TON
DU CLASS III ROCK RIPRAP	200 TON

10' x 10' RCB INSTALLATION:

CONTRACTOR SHALL INSTALL 68 LINEAL FEET INCLUDING INLET AND OUTLET SLOPED END SECTIONS OF 10' x 10' RCB AT A 0.35% SLOPE. INSTALLATION WILL INCLUDE PRECAST DROP END WALLS AND CURBS. SUB-CUT BELOW PIPE GRADE AND INSTALL 1.0' OF CRUSHED ROCK PIPE BEDDING. BACKFILL WITH CRUSHED ROCK BEDDING TO ABOVE THE BOTTOM RADIUS OF BOX CULVERT. 1" DOUBLE EYE TIE RODS SHALL BE INSTALLED EACH SECTION AS PER MANUFACTURER RECOMMENDATIONS. PAYMENT FOR MATERIALS (RCB, DROP WALLS, C) PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE.

EXTERNAL JOINT SEAL: EACH JOINT IS TO BE SEALED PER ASTM C-877. CONSEAL CS-212 WITH SURFACE PRIMER AND 24" WIDTH. ALTERNATE JOINT TREATMENTS WILL BE CONSIDERED UPON APPROVAL BY THE ENGINEER.



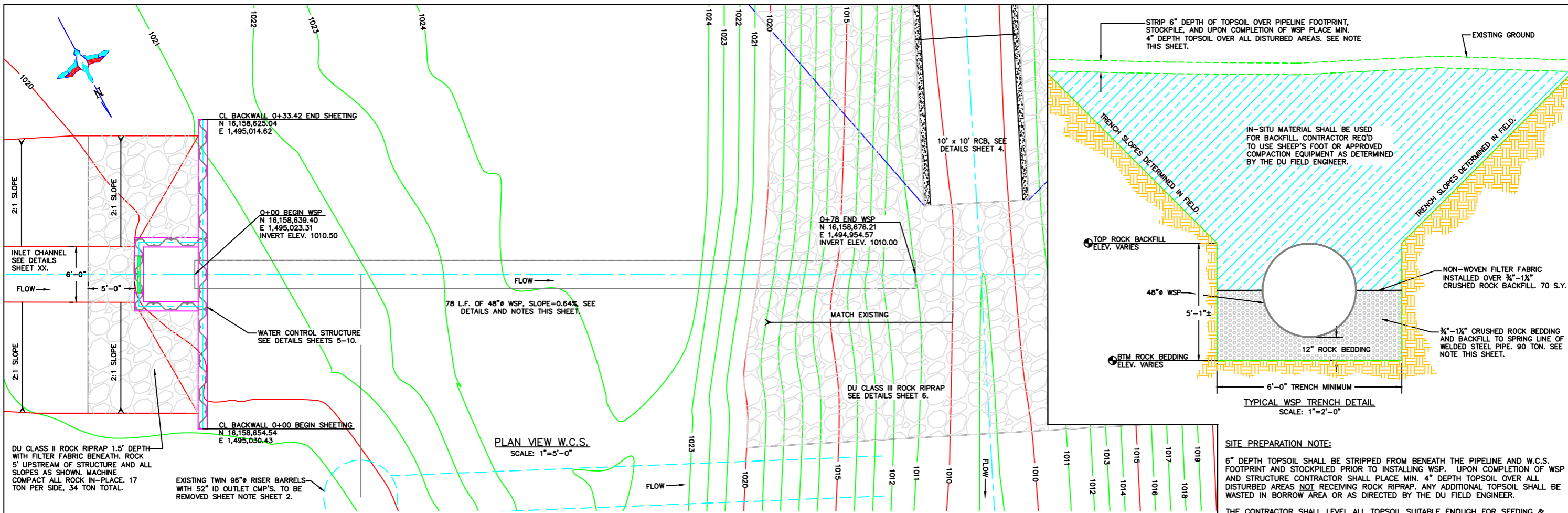
Revision Number	Sheet Number	Revisions	Date	By	Checked
2	4 & 5	Changed 96" RCP to 10' x 10' RCB	3/27/17	JS	

James A. Streifel, P.E.
for Ducks Unlimited, Inc.
License No. 47359

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-30-2017
SHEET NO. 4

PROJECT NO. MN-445-1
SANBORN LAKE
PLAN & PROFILE RCP CROSSING
DETAILS AND NOTES

DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLW
CHECKED BY:
APPROVED BY:



SITE PREPARATION NOTE:
6" DEPTH TOPSOIL SHALL BE STRIPPED FROM BENEATH THE PIPELINE AND W.C.S. FOOTPRINT AND STOCKPILED PRIOR TO INSTALLING WSP. UPON COMPLETION OF WSP AND STRUCTURE CONTRACTOR SHALL PLACE MIN. 4" DEPTH TOPSOIL OVER ALL DISTURBED AREAS NOT RECEIVING ROCK RIPRAP. ANY ADDITIONAL TOPSOIL SHALL BE WASTED IN BORROW AREA OR AS DIRECTED BY THE DU FIELD ENGINEER.

THE CONTRACTOR SHALL LEVEL ALL TOPSOIL SUITABLE ENOUGH FOR SEEDING & MULCHING, AS DETERMINED BY DU FIELD ENGINEER. PAYMENT FOR STRIPPING, STOCKPILING, REMOVAL/DEPOSITING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "SITE PREPARATION."

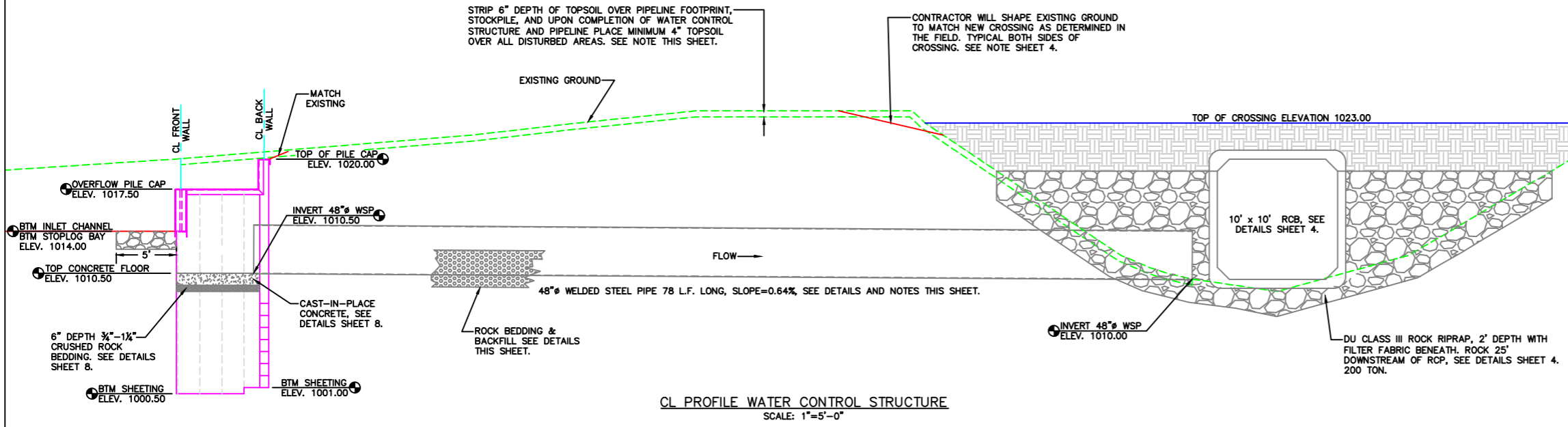
PIPELINE INSTALLATION & COFFERDAM NOTE:
IN-SITU MATERIAL CAN BE USED TO BACKFILL OPEN TRENCH PROVIDING THE CONTRACTOR RE-COMPACTS MATERIAL USING A SHEEP'S FOOT OR APPROVED COMPACTION EQUIPMENT. ANY EXCESS MATERIAL FROM STRUCTURE AREA/PIPELINE CAN BE USED IN CROSSING PROVIDING IT IS SUITABLE MATERIAL. A COFFERDAM WILL LIKELY BE NEEDED PRIOR TO PIPELINE/STRUCTURE INSTALLATION, THIS MATERIAL CAN COME FROM OPEN TRENCH EXCAVATION PROVIDING THE CONTRACTOR FILLS VOID AFTER STRUCTURE/WSP INSTALLATION WITH SIMILAR MATERIAL (NOT SATURATED CLAY FROM COFFERDAM). ALL MATERIAL PLACED IN THE LAKE BED SHALL BE REMOVED ENTIRELY PRIOR TO FINAL INSPECTION.

ALL BACKFILLING OPERATIONS AND COFFERDAM SHALL BE CONSIDERED "INCIDENTAL" TO WSP PIPE INSTALLATION.

RIPRAP NOTE:
DU CLASS II ROCK RIPRAP SHALL BE INSTALLED ON THE UPSTREAM SIDE OF THE WATER CONTROL STRUCTURE, 1.5' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 5' UPSTREAM OF STRUCTURE AND ALL SIDE SLOPES AS SHOWN. ROCK SHALL BE MACHINE COMPACTED TO ENSURE A STABLE/UNIFORM LOOK. ALL EXCAVATION REQUIRED FOR ROCK RIPRAP SHALL BE CONSIDERED "INCIDENTAL." TOTAL OF 34 TON.

PAYMENT FOR ROCK RIPRAP (EXCAVATION, SPOIL REMOVAL, NON-WOVEN FILTER FABRIC, ROCK, AND INSTALLATION) SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "DU CLASS II."

REMOVAL OF EXISTING STRUCTURE NOTE:
THE CONTRACTOR WILL REMOVE THE EXISTING 96" CMP RISER BARRELS AND CMP OUTLET PIPES. SUCH MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR FOR PROPER DISPOSAL OFF-SITE. CONTRACTOR WILL BE REQUIRED TO RE-COMPACT IN-SITU MATERIAL TO 95% OF A STANDARD PROCTOR. A SHEEP'S FOOT OR OTHER APPROVED METHOD SHALL BE USED.
PAYMENT FOR REMOVAL, DISPOSAL, AND RE-COMPACTING VOID SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "REMOVAL OF EXISTING STRUCTURES."



48" WSP INSTALLATION:
CONTRACTOR SHALL INSTALL 78 LINEAL FEET OF 48" WELDED STEEL PIPE (WSP) AT A SLOPE OF 0.64%. TYPICAL INSTALLATION WILL BE 1' DEPTH OF ROCK BEDDING AND BACKFILL TO SPRING LINE OF PIPE. NON-WOVEN FILTER FABRIC WILL BE INSTALLED OVER TOP OF ROCK BACKFILL AFTER INSTALLATION OF WSP AND BEFORE REMAINING BACKFILLING OPERATIONS. NON-WOVEN FILTER FABRIC SHALL BE CONSIDERED "INCIDENTAL" TO WSP INSTALLATION.

ESTIMATED QUANTITIES:

48" WELDED STEEL PIPE (WSP)	78 L.F.
3/4"-1 1/2" CRUSHED ROCK BEDDING/BACKFILL	90 TON
DU CLASS II ROCK RIPRAP	34 TON

PAYMENT FOR MATERIALS (WSP, NON-WOVEN FILTER FABRIC, ROCK, AND INSTALLATION) SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR 48" WSP.

Revision Number	Sheet Number	Revisions	Date	By	Notes
2	4 & 5	Changed 96" RCP to 10' x 10' RCB	3/27/17	JS	

I hereby certify that this plan, specification or report was prepared by James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

DATE: 3-30-2017

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-27-2017 SHEET NO. 5

PROJECT NO. MN-445-1
SANBORN LAKE
PLAN & PROFILE W.C.S.
DETAILS AND NOTES

DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLJ
CHECKED BY: .
APPROVED BY:

PilePro PZ90 CORNER OR APPROVED EQUAL 17'-0" LONG VISIT www.pilepro.com OR 1-866-666-7453, PZ90 CORNER TACK WELDED 90° TO PILING #22 BEFORE DRIVING.

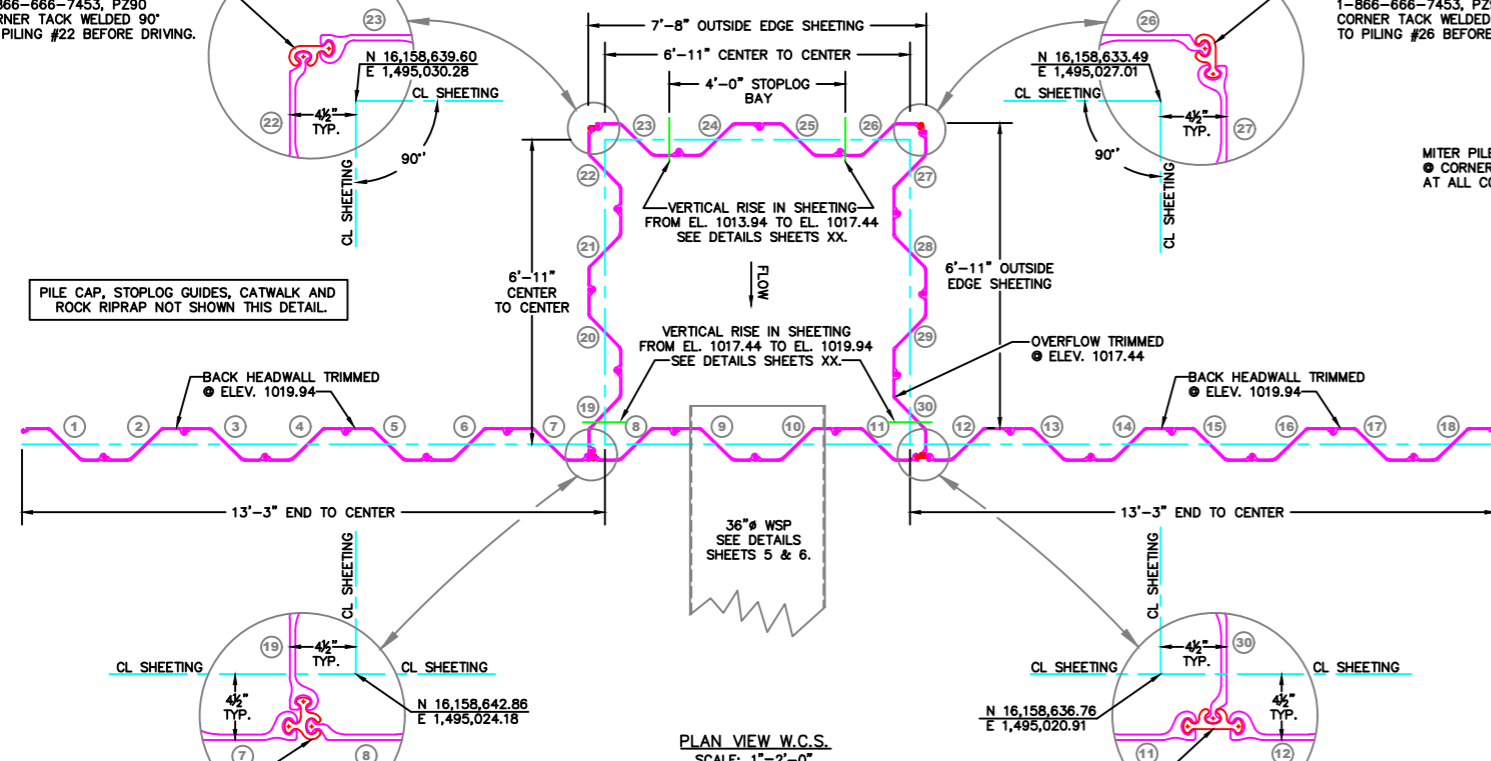
SANBORN LAKE

PilePro PZ90 CORNER OR APPROVED EQUAL 17'-0" LONG VISIT www.pilepro.com OR 1-866-666-7453, PZ90 CORNER TACK WELDED 90° TO PILING #26 BEFORE DRIVING.

SHEET PILE SPECIFICATIONS & NOTES:

PZ-22 SHEET PILE OR APPROVED EQUAL MINIMUM THICKNESS 0.375 INCHES MINIMUM SECTION MODULUS 18.1 IN³/LF OF WALL

SHEETING: #1 & #18 @ 12' LONG	2 REQ'D (44 S.F.)
SHEETING: #2 & #17 @ 13' LONG	2 REQ'D (47.67 S.F.)
SHEETING: #24 & #25 @ 13.5' LONG	2 REQ'D (49.50 S.F.)
SHEETING: #3 & #16 @ 14' LONG	2 REQ'D (51.33 S.F.)
SHEETING: #4 & #15 @ 15' LONG	2 REQ'D (55 S.F.)
SHEETING: #5 & #14 @ 16' LONG	2 REQ'D (58.67 S.F.)
SHEETING: #6, #13, #20, #21, #22, #23, #26, #27, #28, #29 @ 17' LONG	10 REQ'D (311.67 S.F.)
SHEETING: #7 & #12 @ 18' LONG	2 REQ'D (66 S.F.)
SHEETING: #8, #9, #10, #11, #19, #30 @ 19' LONG	6 REQ'D (209 S.F.)
TOTAL SQUARE FOOT =	893 S.F.-P
PilePro PZ90 CORNERS 17' LONG	2 REQ'D
PilePro PZTEE 19' LONG	1 REQ'D
PilePro PZBULLHEAD 19' LONG	1 REQ'D
PILE CAP:	
3/8"x10" PLATE	68 L.F.
3/8"x5"x5" ANGLES	136 L.F.



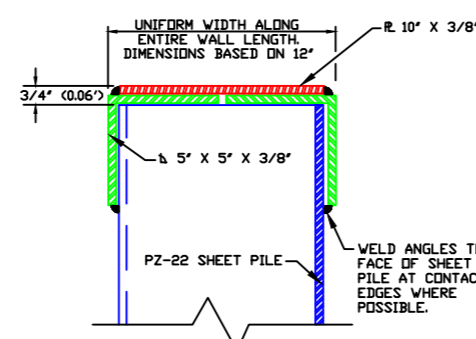
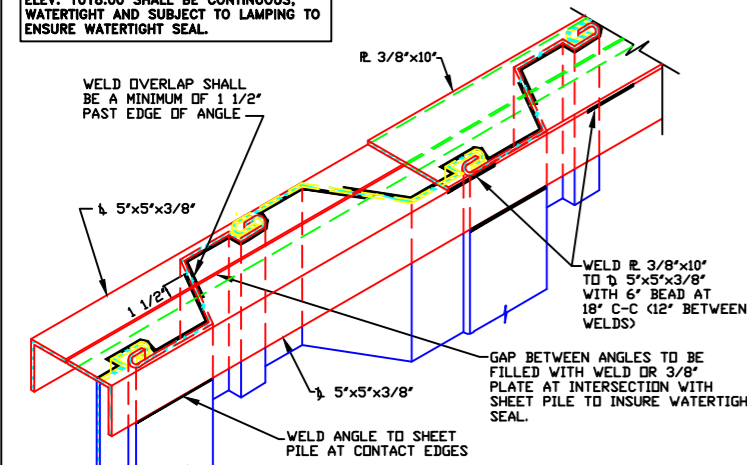
PilePro PZTEE OR APPROVED EQUAL 19'-0" LONG VISIT www.pilepro.com OR 1-866-666-7453, PZTEE TACK WELDED INLINE WITH SHEET #7 AS SHOWN BEFORE DRIVING.

PilePro PZBULLHEAD OR APPROVED EQUAL 19'-0" LONG VISIT www.pilepro.com OR 1-866-666-7453, PZBULLHEAD TACK WELDED INLINE WITH SHEET #11 AS SHOWN BEFORE DRIVING.

CONTRACTOR WILL TORCH A CIRCULAR KNOCK-OUT IN SHEETING CLOSE TO THE SAME OUTSIDE DIAMETER AS 36" WSP. PIPE WILL PROTRUDE THROUGH HOLE 6" PAST UPSTREAM FACE OF SHEETING. CONTRACTOR WILL THEN WELD WSP TO SHEETING @ ALL CONTACT POINTS AND "WATERTIGHT" OTHER METHODS CAN BE USED BUT WILL REQUIRE WELDING A WATER TIGHT SEAL. CONCRETE COLLAR WILL NOT BE ACCEPTED AT THIS LOCATION. SUCH WORK SHALL BE CONSIDERED PART OF THE 36" WSP INSTALLATION.

PIPE CONNECTION DETAIL
NOT TO SCALE

NOTE: ALL WELDS AT OR BELOW ELEV. 1018.00 SHALL BE CONTINUOUS, WATERTIGHT AND SUBJECT TO LAMPING TO ENSURE WATERTIGHT SEAL.



PILE CAP SECTION VIEW
NOT TO SCALE

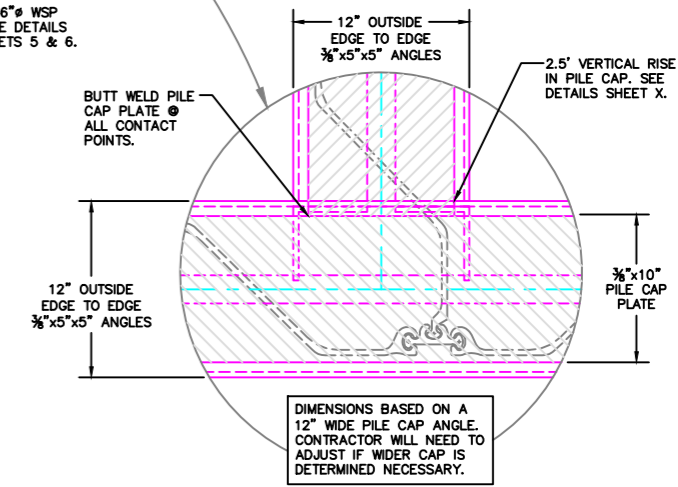
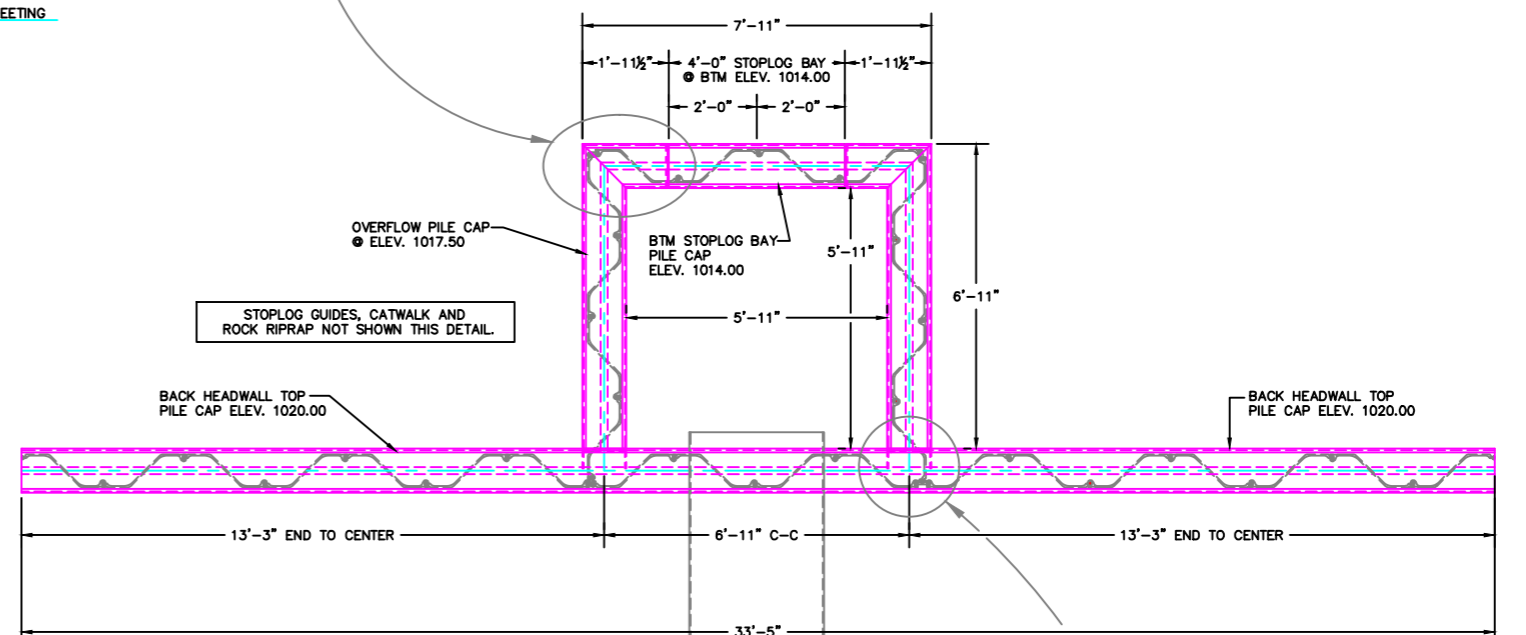
- NOTES:
- ALL WELDS TO BE 1/4" FILLET WELDS (SEE D.I. SPECIFICATIONS).
 - ALL WELDS WILL BE SUBJECT TO LAMPING. ANY AREAS FAILING WILL BE REWELDED BEFORE ACCEPTANCE OF PROJECT.
 - TOP OF SHEET PILE SHALL BE TRIMMED TO GRADES INDICATED ON PLANS TO REMOVE ANY DAMAGE CAUSED BY DRIVING. ANY TRIMMING OVER 3" SHALL BE CONSIDERED CUT-OFF AND WILL BE DEDUCTED FROM THE COST OF SHEET PILE INSTALLATION.
 - ABOVE 1018.00 PILE CAP NEED NOT BE WATERTIGHT, WELDS SHALL CONSIST OF A 6" BEAD AT 18" C-C (12" BETWEEN WELDS).
 - LENGTH OF PILE CAP AS SHOWN ON PLANS.
 - ALL WELDS AROUND STOPLOG BAY TO BE CONTINUOUS TO INSURE A WATERTIGHT SEAL.

Revision Number	Sheet Number	Revisions	Date	By	Checked
2	4 & 5	Changed 96" RCP to 10"x10" RCP	3/27/17	JS	

James A. Streifel, P.E.
for Ducks Unlimited, Inc.
License No. 47359

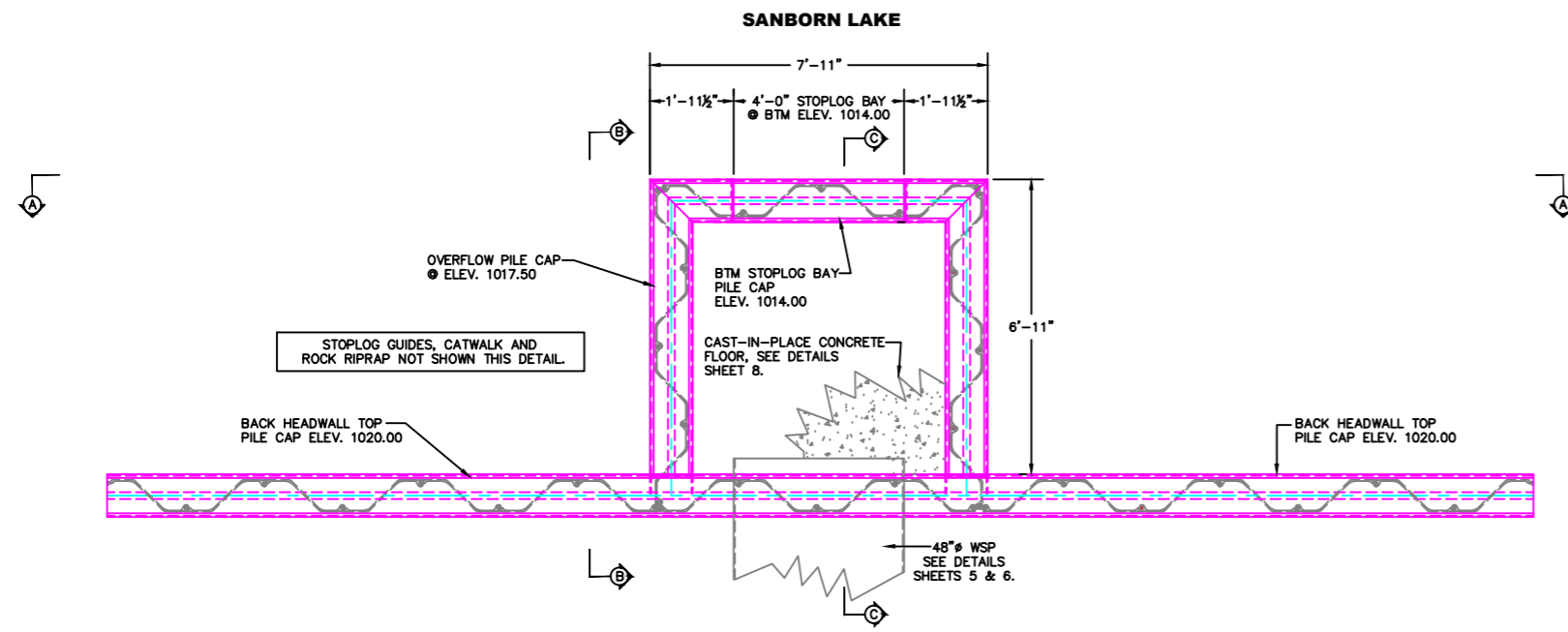
3-30-2017
Date

STOPLOG GUIDES, CATWALK AND ROCK RIPRAP NOT SHOWN THIS DETAIL.

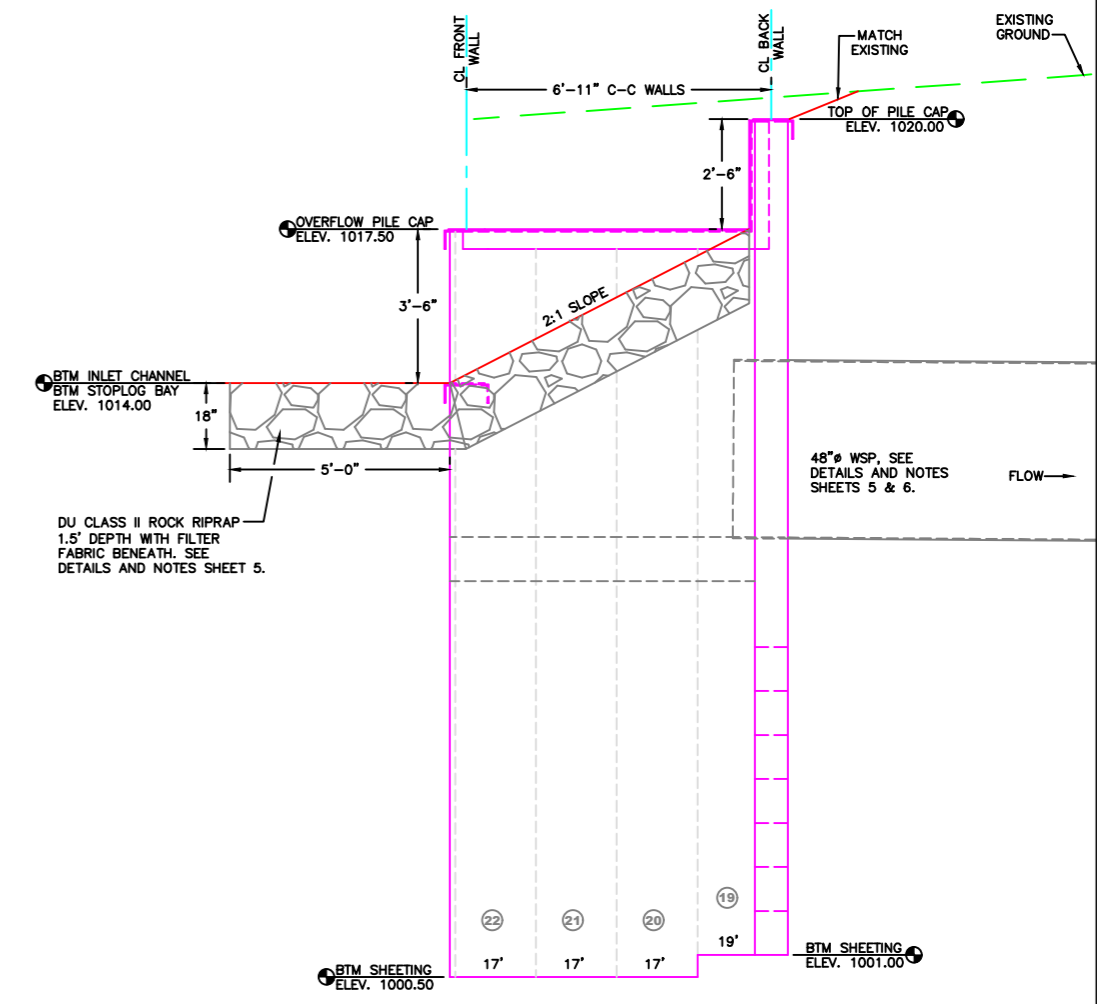


DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-27-17 SHEET NO. 6

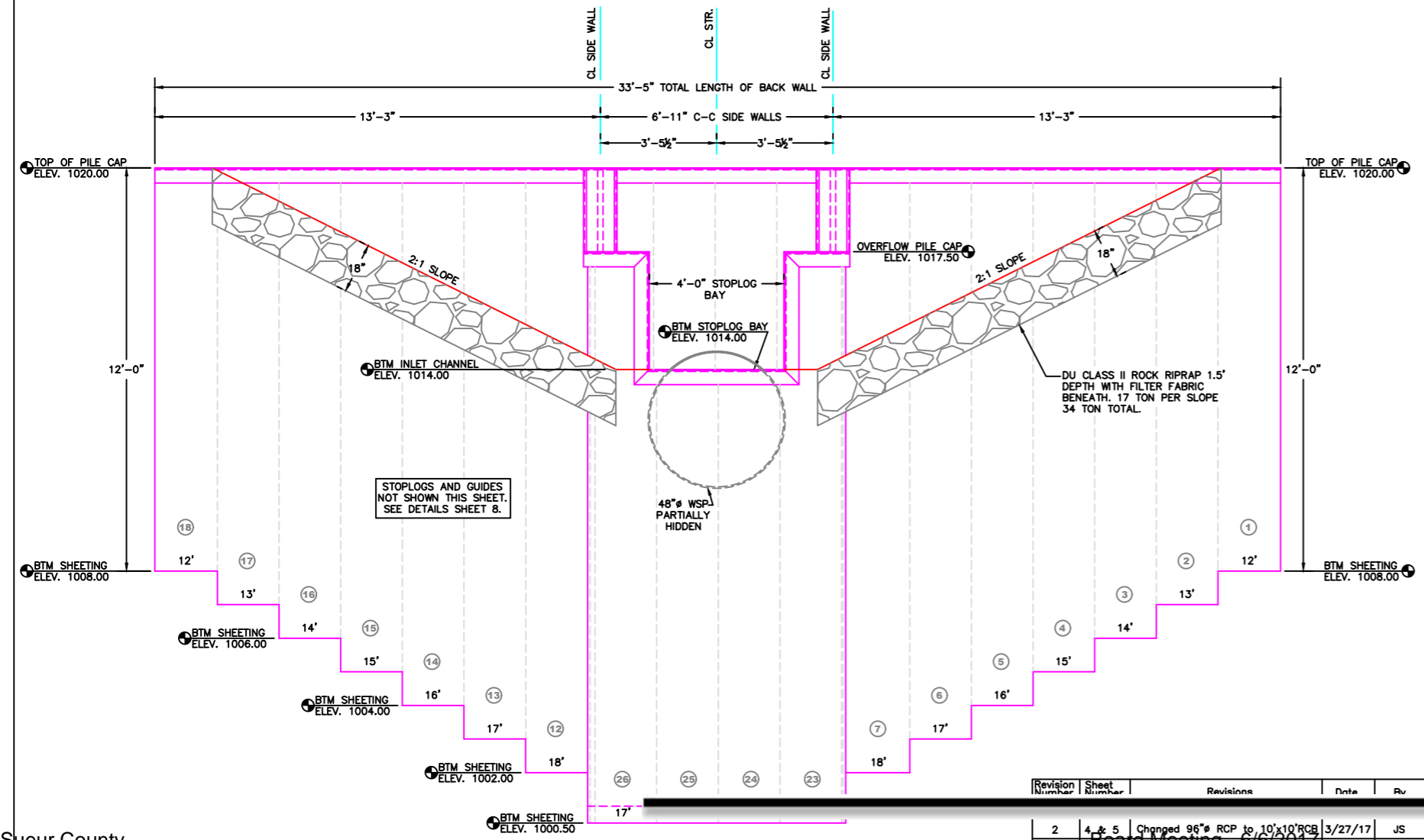
PROJECT NO. MN-445-1
SANBORN LAKE WATER CONTROL STRUCTURE DETAILS AND NOTES
DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLW
CHECKED BY:
APPROVED BY:



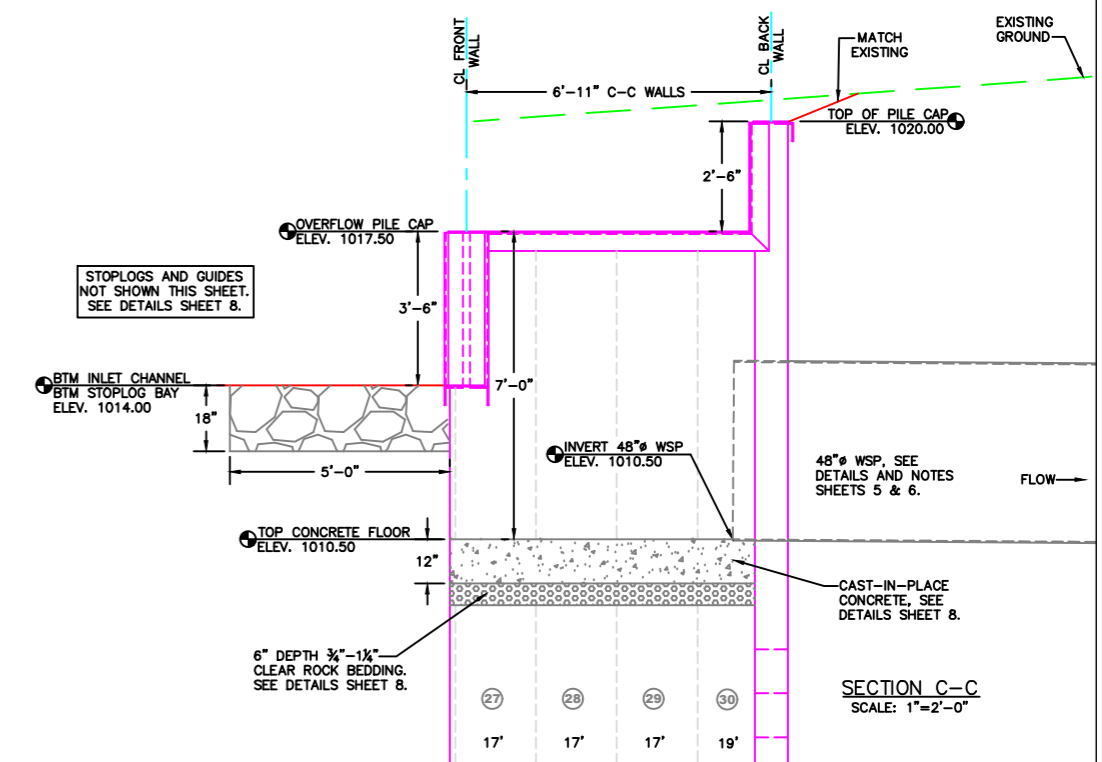
PLAN VIEW WATER CONTROL STRUCTURE
SCALE: 1"=2'-0"



SECTION B-B
SCALE: 1"=2'-0"



SECTION A-A
SCALE: 1"=2'-0"



SECTION C-C
SCALE: 1"=2'-0"

Revision Number	Sheet Number	Revisions	Date	By	Checked
2	4 & 5	Changed 96# RCP to 10'x10' RCB	3/27/17	JS	

I hereby certify that this plan, specification or report was prepared by James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

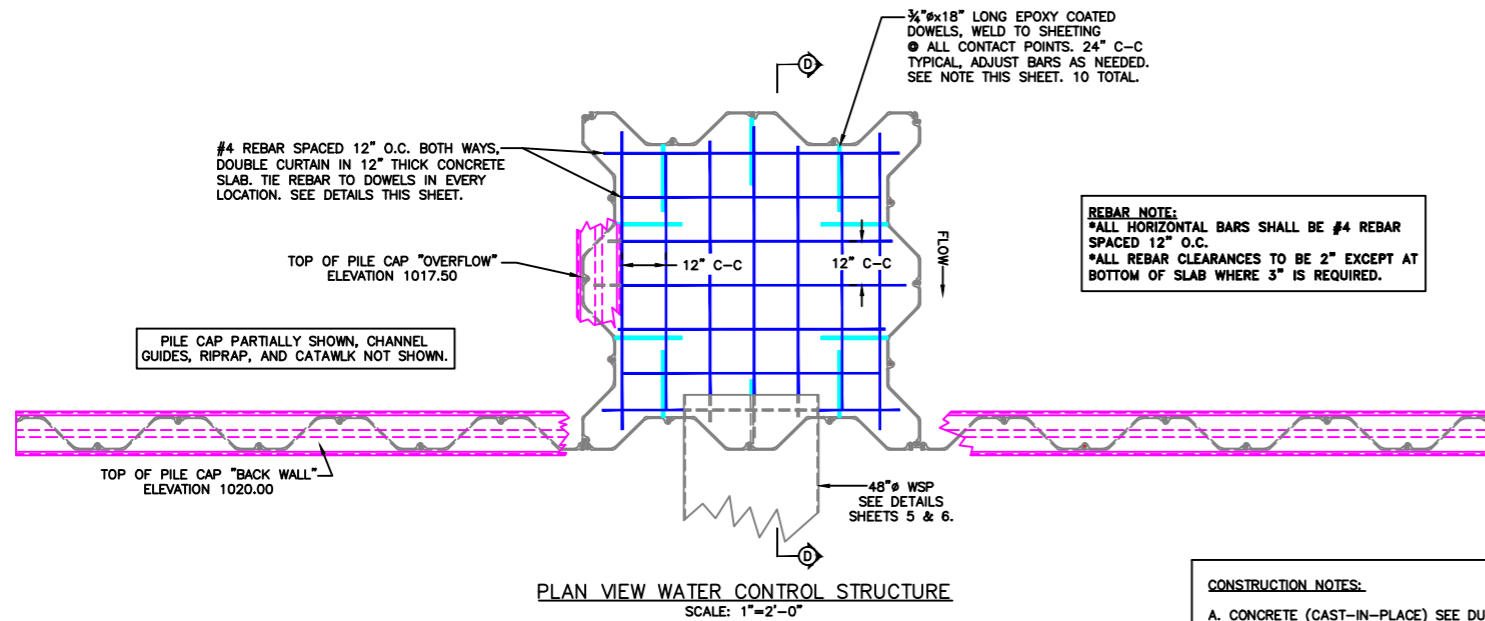
Date: 3-30-2017

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-27-2017 SHEET NO. 7

PROJECT NO. MN-445-1
SANBORN LAKE WATER CONTROL STRUCTURE DETAILS AND NOTES

DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLW
CHECKED BY: .
APPROVED BY: .

SANBORN LAKE



3/4" x 18" LONG DOWEL NOTE:

3/4" x 18" LONG EPOXY COATED DOWELS SHALL BE WELDED TO THE INSIDE SHEET PILE WATER CONTROL STRUCTURE @ 24" C-C SPACING, ADJUST BARS AS NEEDED. 6 REQ'D ALONG FRONT/BACKWALL SHEETING. 4 REQ'D ALONG SIDE SHEETING (10 TOTAL). CONTRACTOR SHALL USE 2-PART EPOXY COATING WHERE DOWELS ARE WELDED TO SHEETING, AREA SHALL BE RE-COATED WITH EPOXY COATING AS MANUFACTURE RECOMMENDS. ALL DOWELS SHALL BE EPOXY COATED. PAYMENT FOR MATERIALS & INSTALLATION OF SUCH SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "CAST-IN-PLACE CONCRETE."

REBAR NOTE:
 *ALL HORIZONTAL BARS SHALL BE #4 REBAR SPACED 12" O.C.
 *ALL REBAR CLEARANCES TO BE 2" EXCEPT AT BOTTOM OF SLAB WHERE 3" IS REQUIRED.

CONSTRUCTION NOTES:

- A. CONCRETE (CAST-IN-PLACE) SEE DU SPECIFICATION 208.
1. $f_c = 4,000$ PSI
2. REINFORCEMENT A615, GRADE 60 $f_y = 60,000$ PSI
3. REINFORCEMENT ON CORNERS SHALL BE CONTINUOUS OR INCLUDE A LAP LENGTH WITH 36 BAR DIAMETER.
4. MINIMUM COVER ON REINFORCEMENT STEEL SHALL BE 3" WHEN IT IS ADJACENT TO THE GROUND AND 2" MINIMUM IN ALL OTHER AREAS.
6. ALL EXPOSED EDGES SHALL BE FINISHED WITH 3/4" CHAMFER.
7. ALL CONCRETE SHOWN SHALL BE REINFORCED. SECTIONS AND PLANS SHOWN WITHOUT REINFORCEMENT ARE INTENDED TO SHOW DIMENSIONS AND DETAILS OF CONSTRUCTION ONLY. REINFORCEMENT OF THESE SECTIONS SHALL BE PROVIDED IN ACCORDANCE WITH DETAILS SHOWING REINFORCEMENT.

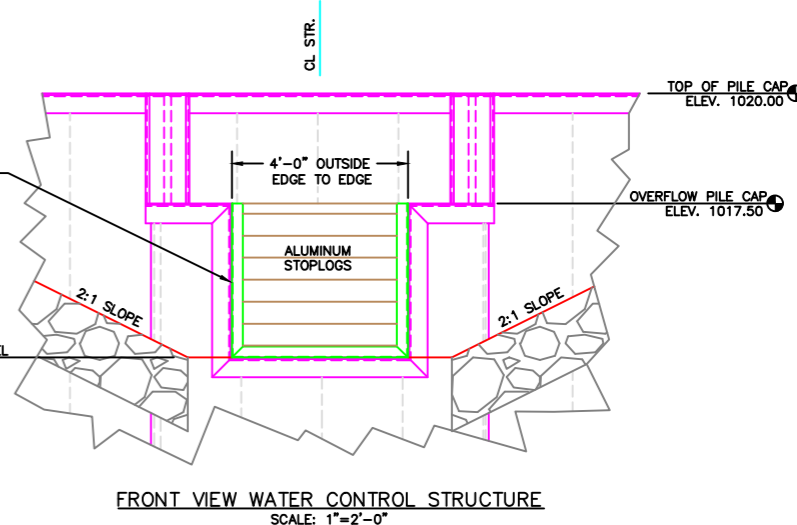
MATERIAL LIST:

GALVANIZED CHANNEL GUIDES:	
3"x3"x3/4" GALVANIZED STOPLOG GUIDES	11 L.F.
GALVANIZED STOPLOG LIFTING HOOKS:	
1/2" GALVANIZED ROD LIFTING HOOKS	2 REQ'D
ALUMINUM STOPLOGS:	
2"x3"x3/4" ALUMINUM STOPLOG WITH NO LIFTING HOLES	1 REQ'D
2"x3"x3/4" ALUMINUM STOPLOG WITH LIFTING HOLES	1 REQ'D
2"x6"x3/4" ALUMINUM STOPLOG WITH LIFTING HOLES	6 REQ'D
CAST-IN-PLACE CONCRETE:	
#4 REBAR	180 L.F.
#6 EPOXY COATED DOWELS 18" IN LENGTH	10 REQ'D
4,000 PSI CONCRETE	2 C.Y.

*THIS LIST IS PROVIDED FOR INFORMATION ONLY. ADDITIONAL MATERIALS NOT LISTED HERE MAY BE REQUIRED. BIDDER IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. ALSO, ADDITIONAL LENGTH OF STEEL STOCK BEYOND WHAT'S LISTED HERE MAY BE REQUIRED TO ALLOW FOR FABRICATION.

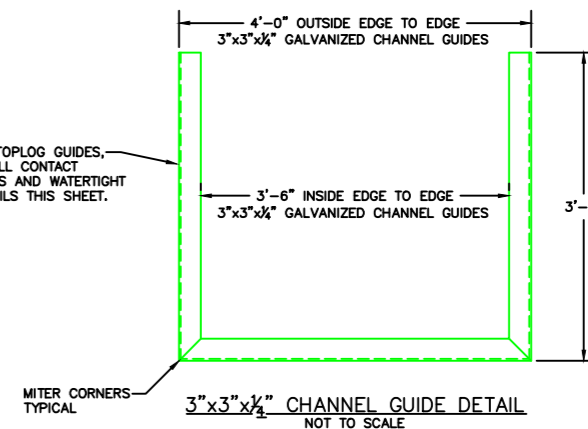
3"x3"x3/4" GALVANIZED STOPLOG GUIDES, WELD TO PILE CAP CONTINUOUS AND WATERTIGHT. SEE DETAILS THIS SHEET.

BTM INLET CHANNEL
BTM STOPLOG BAY
ELEV. 1014.00

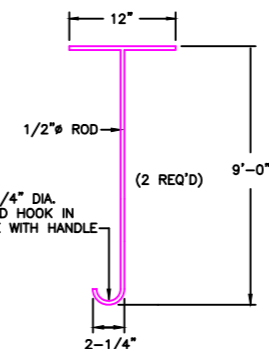


FRONT VIEW WATER CONTROL STRUCTURE
SCALE: 1"=2'-0"

3"x3"x3/4" GALVANIZED STOPLOG GUIDES, WELD CONTINUOUS @ ALL CONTACT POINTS AND CONTINUOUS AND WATERTIGHT TO PILE CAP. SEE DETAILS THIS SHEET.

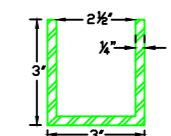


3"x3"x3/4" CHANNEL GUIDE DETAIL
NOT TO SCALE

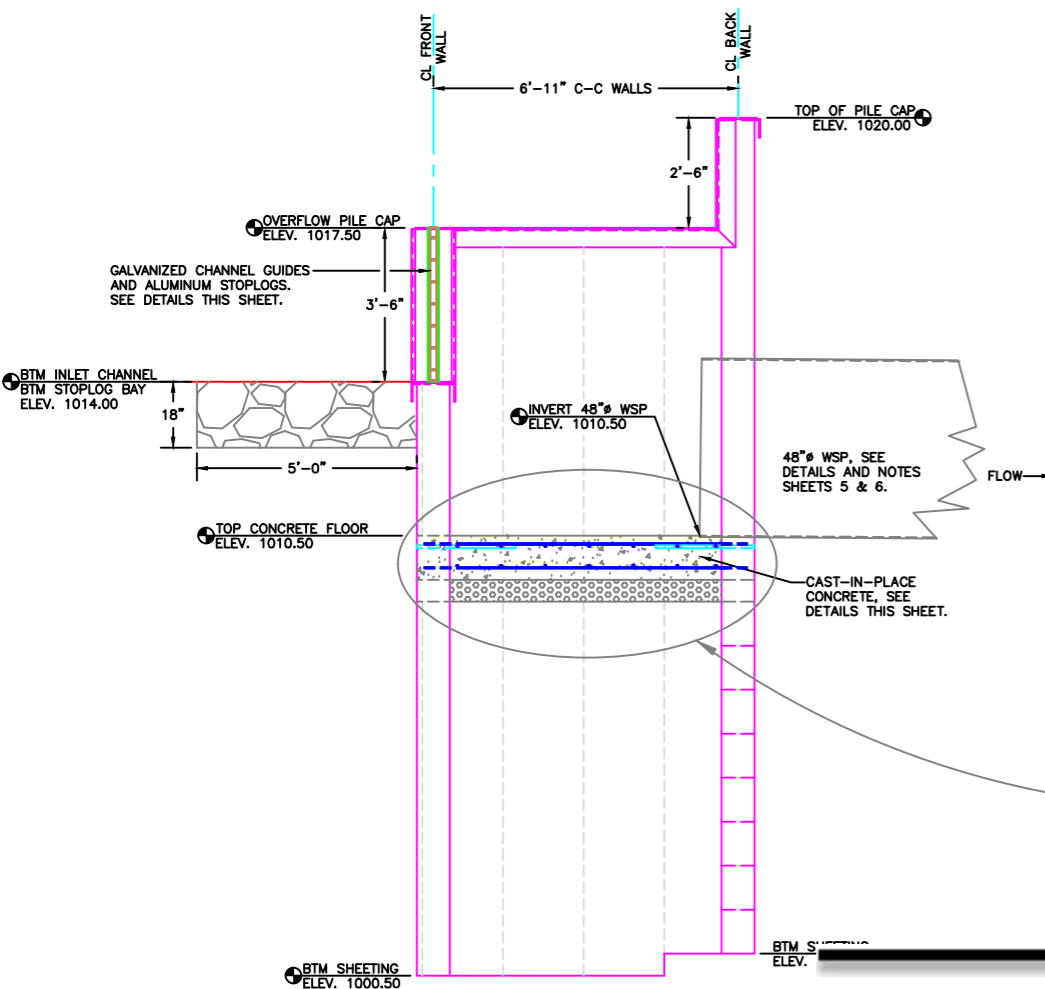


STOPLOG LIFTING HOOK DETAIL
NOT TO SCALE

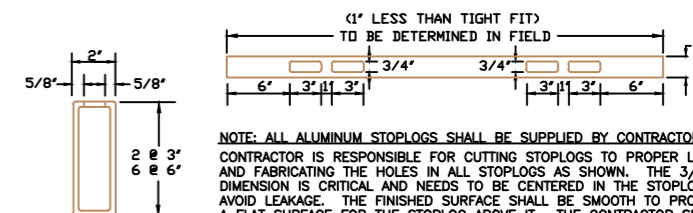
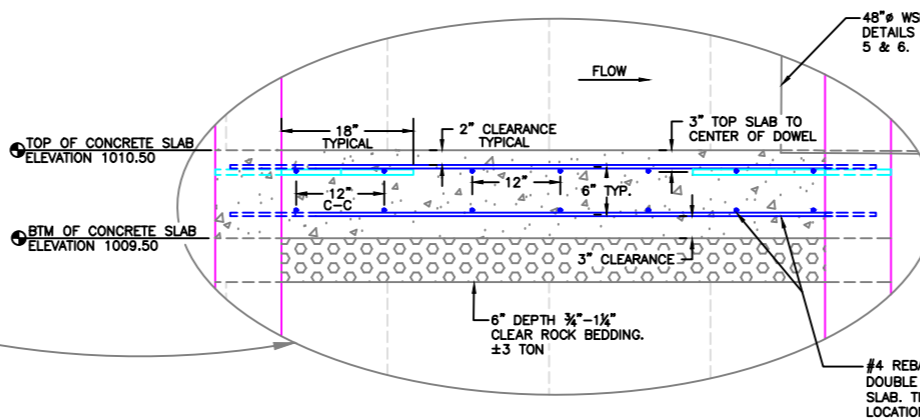
SUPPLIER MAY SPLIT TS 6"x 3"x 1/4" TO FORM CHANNEL CHANNELS SHALL BE GALVANIZED.



STOPLOG CHANNEL DETAIL
NOT TO SCALE



SECTION D-D
SCALE: 1"=2'-0"



ALUMINUM STOPLOG DETAIL
NOT TO SCALE

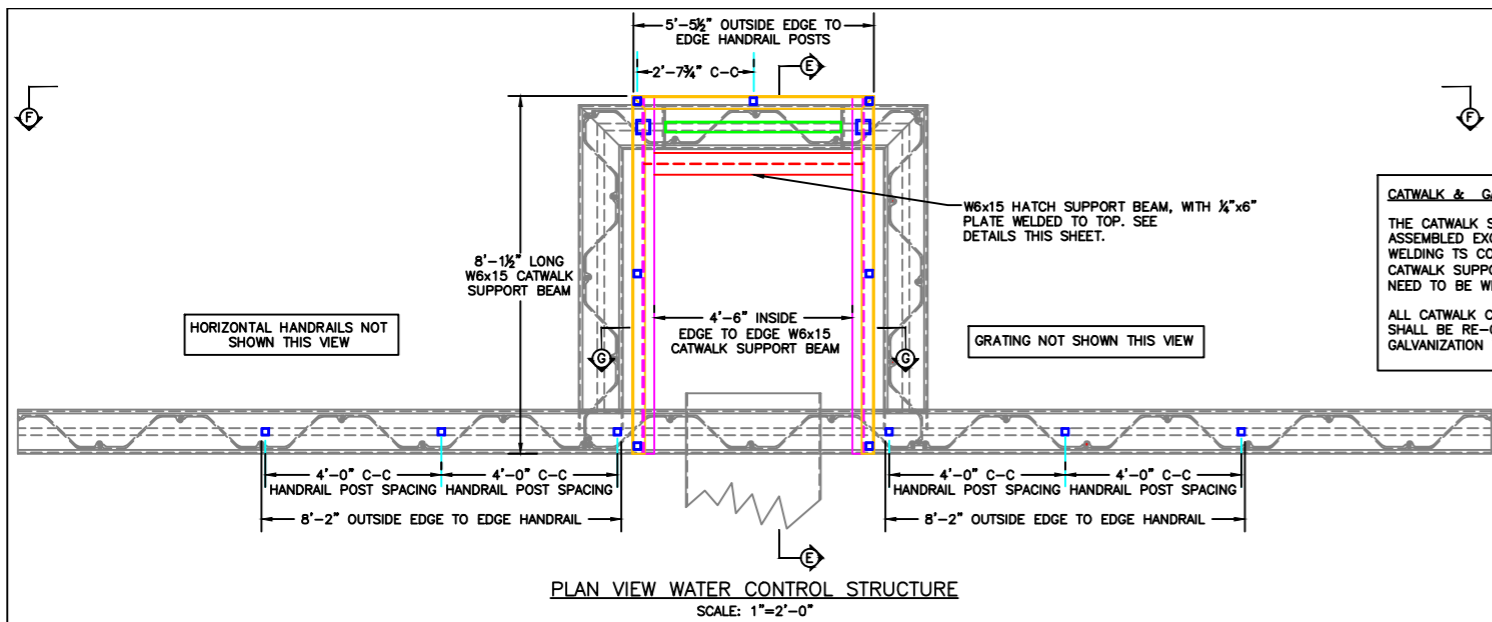
NOTE: ALL ALUMINUM STOPLOGS SHALL BE SUPPLIED BY CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR CUTTING STOPLOGS TO PROPER LENGTH AND FABRICATING THE HOLES IN ALL STOPLOGS AS SHOWN. THE 3/4" DIMENSION IS CRITICAL AND NEEDS TO BE CENTERED IN THE STOPLOG TO AVOID LEAKAGE. THE FINISHED SURFACE SHALL BE SMOOTH TO PROVIDE A FLAT SURFACE FOR THE STOPLOG ABOVE IT. THE CONTRACTOR SHALL DELIVER ALL STOPLOGS TO THE SITE. THE COST OF THE STOPLOG WORK SHALL BE PAID FOR BASED ON CONTRACTOR'S UNIT BID PRICE FOR "ALUMINUM STOPLOGS."

Revision Number	Sheet Number	Revisions	Date	By	hereby certify that this plan, specification or report was prepared
2	4 & 5	Changed 96" RCP to 10'x10" RCP	3/27/17	JS	James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

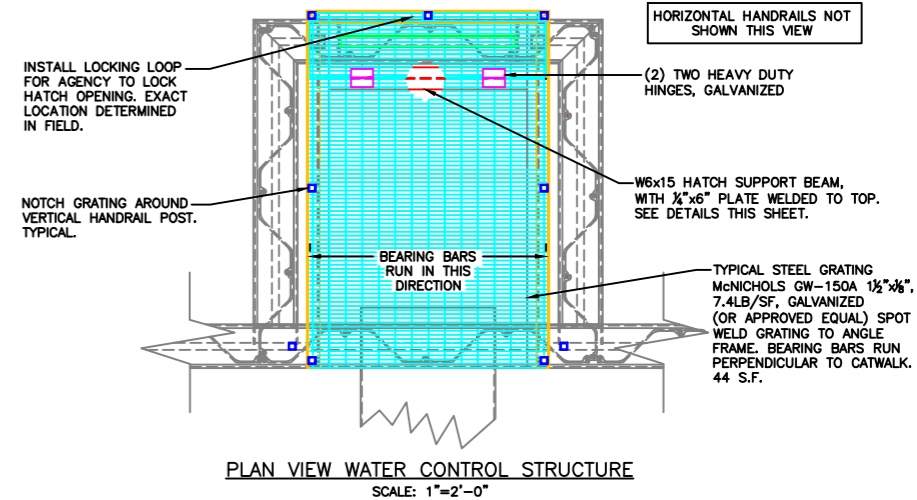
DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 3-27-2017
 SHEET NO. B

PROJECT NO. MN-445-1
SANBORN LAKE
 CAST-IN-PLACE CONCRETE & GUIDES/STOPLOG DETAILS
 APPROVED BY: _____

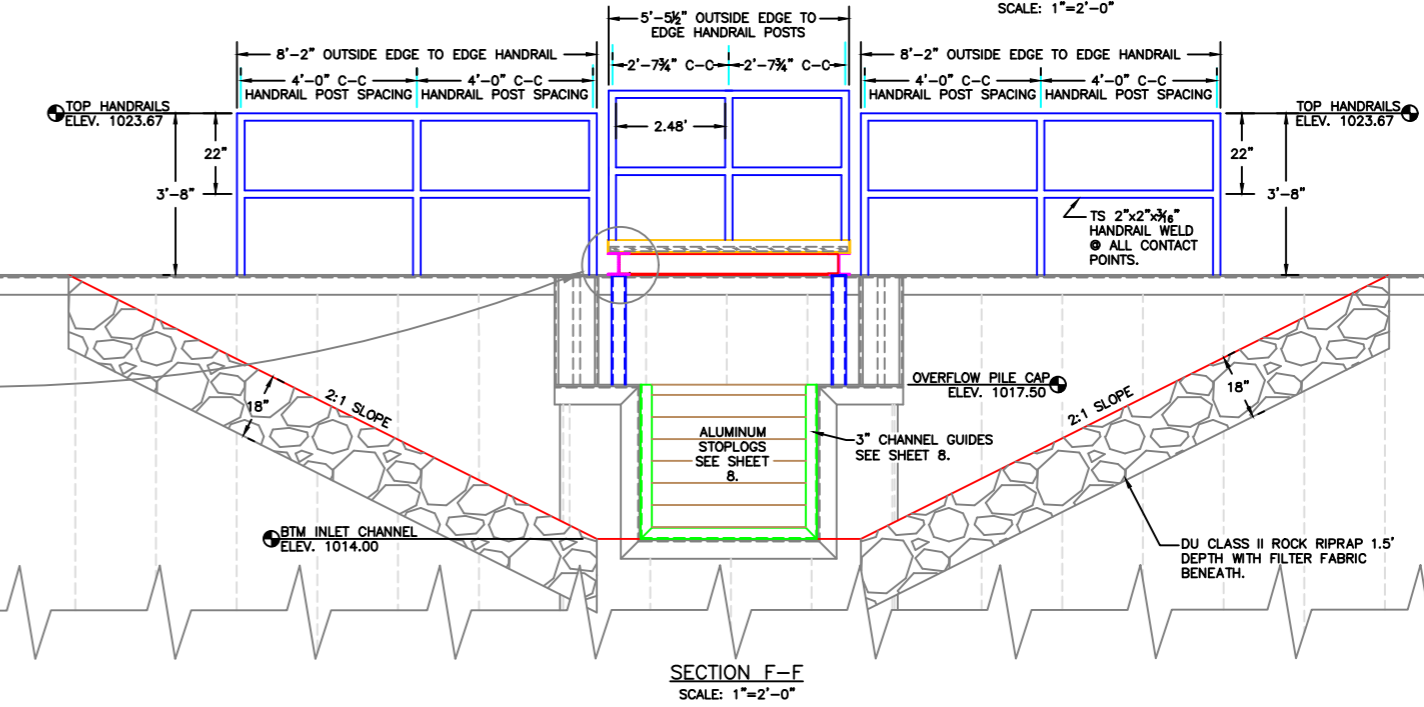
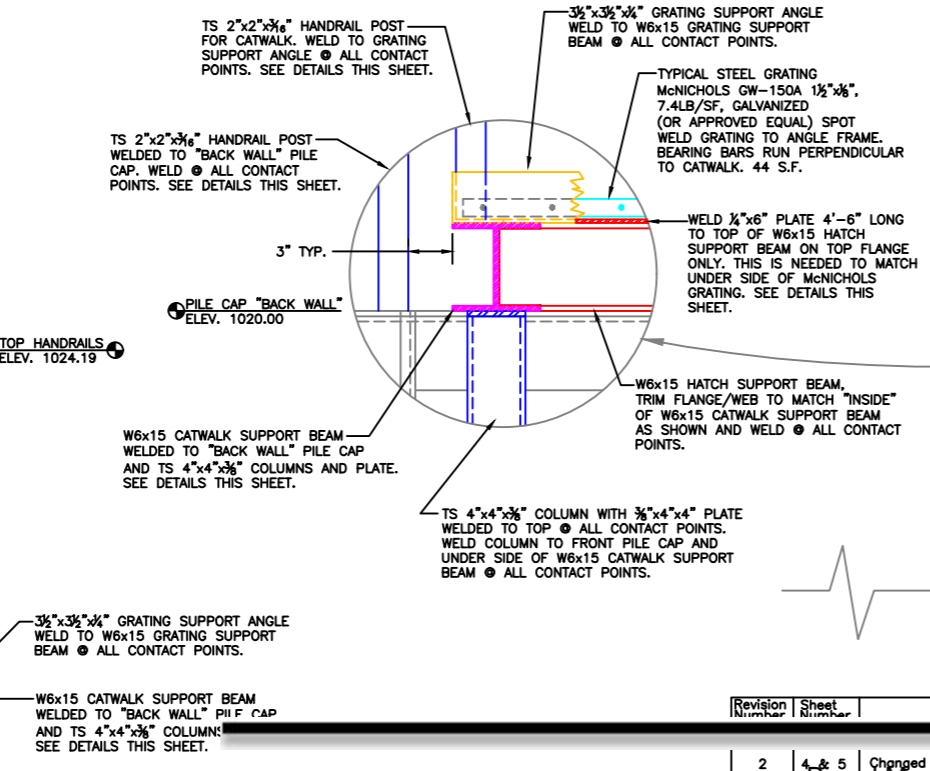
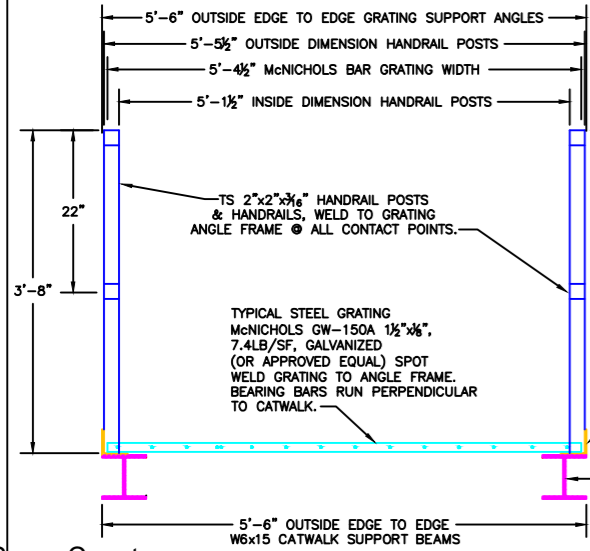
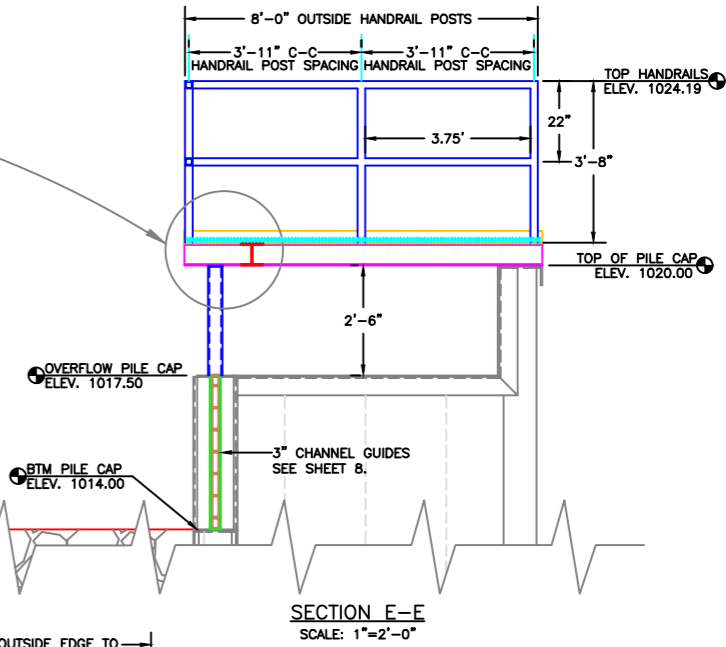
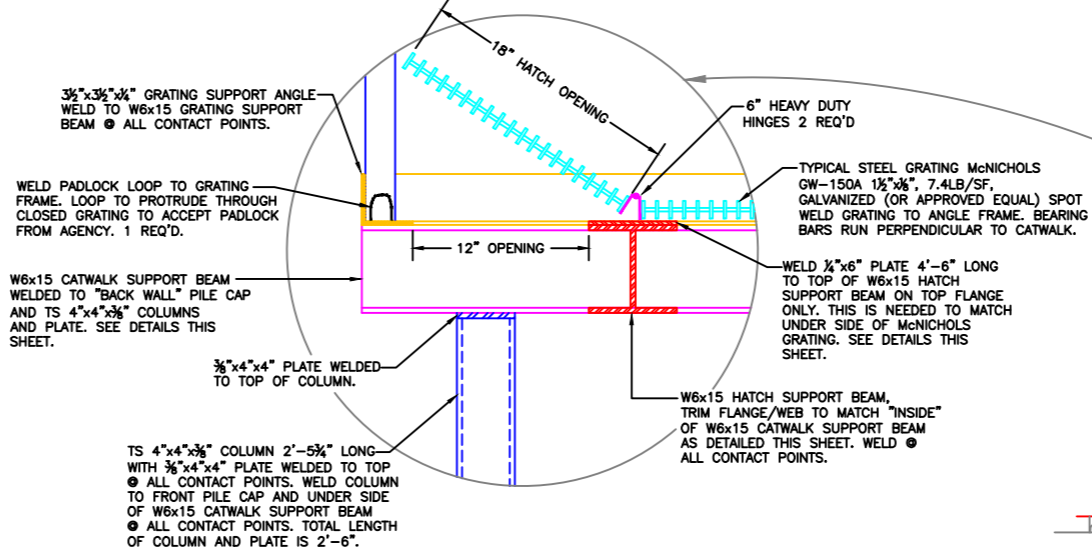
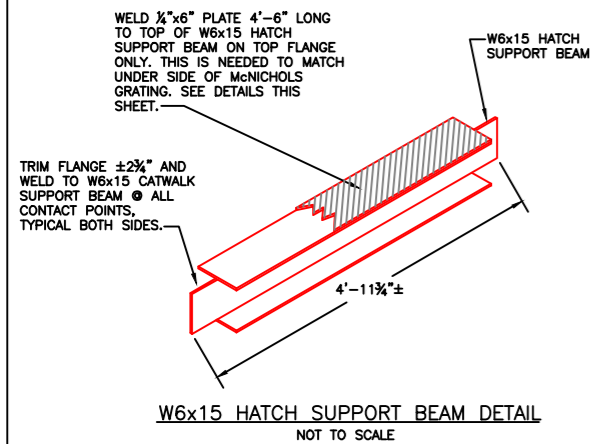
DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: _____



CATWALK & GALVANIZING NOTE:
 THE CATWALK SHALL BE SHOP FABRICATED OFF-SITE AND DELIVERED FULLY ASSEMBLED EXCEPT FOR THE TS COLUMNS. THE ONLY FIELD WELDING SHOULD BE: WELDING TS COLUMNS/PLATE TO THE PILE CAP AND W6x15 BEAMS. ALSO WELDING W6x15 CATWALK SUPPORT BEAMS TO THE "BACK WALL" PILE CAP. THE SIDE HANDRAILS WILL ALSO NEED TO BE WELDED TO THE PILE CAP BUT SHOULD COME PRE-FABRICATED TO THE SITE. ALL CATWALK COMPONENTS AND SIDE HANDRAILS WILL BE GALVANIZED. ANY FIELD WELDING SHALL BE RE-COATED WITH A COLD GALVANIZATION SPRAY TO MATCH. THE COST OF GALVANIZATION WILL BE CONSIDERED "INCIDENTAL" TO STRUCTURAL STEEL.



- MATERIAL LIST:**
- GALVANIZED HANDRAILS ALONG "BACK WALL":**
 - TS 2"x2"x3/8" HANDRAIL POST 3'-8" LONG 6 REQ'D
 - TS 2"x2"x3/8" HANDRAIL 31 L.F.
 - CATWALK MEMBERS (ALL GALVANIZED):**
 - W6x15 CATWALK SUPPORT BEAMS 8'-1 1/2" LONG 2 REQ'D
 - W6x15 HATCH SUPPORT BEAM 4'-11 1/4" LONG 1 REQ'D
 - 1/4"x8" PLATE 4'-6" LONG 1 REQ'D
 - TS 3/4"x4"x4" COLUMN 2'-5 1/4" LONG 2 REQ'D
 - 3/8"x4"x4" PLATE 2 REQ'D
 - 3/8"x3/8"x3/4" GRATING SUPPORT ANGLE 22 L.F.
 - TS 2"x2"x3/8" HANDRAIL POST 3'-8" LONG 7 REQ'D
 - TS 2"x2"x3/8" HANDRAIL 40 L.F.
 - 6" HEAVY DUTY HINGES 2 REQ'D
 - LOCKING LOOP 1 REQ'D
 - McNICHOLS BAR GRATING GW-150A 7.4LBS/SQ. FT. 44 S.F.
- *THIS LIST IS PROVIDED FOR INFORMATION ONLY. ADDITIONAL MATERIALS NOT LISTED HERE MAY BE REQUIRED. BIDDER IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES. ALSO, ADDITIONAL LENGTH OF STEEL STOCK BEYOND WHAT'S LISTED HERE MAY BE REQUIRED TO ALLOW FOR FABRICATION.*

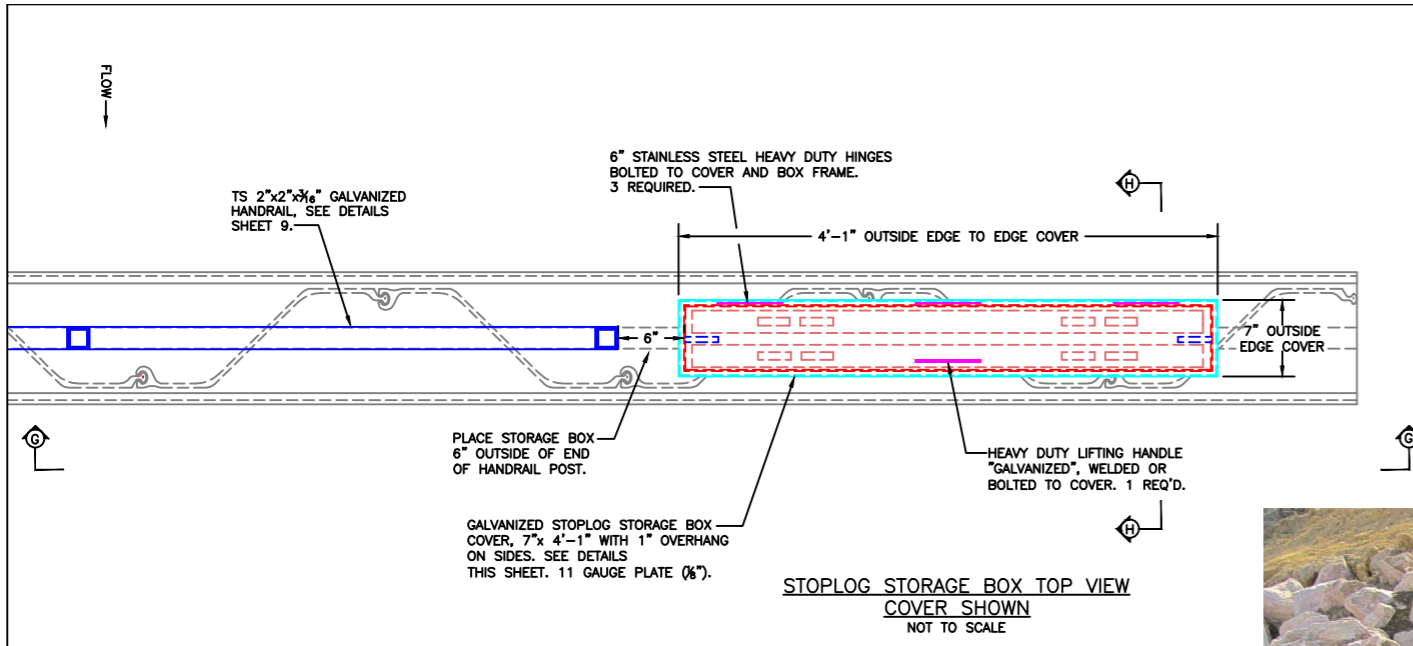


Revision Number	Sheet Number	Revisions	Date	By
2	4 & 5	Changed 96" RCP to 10'x10' RCP	3/27/17	JS

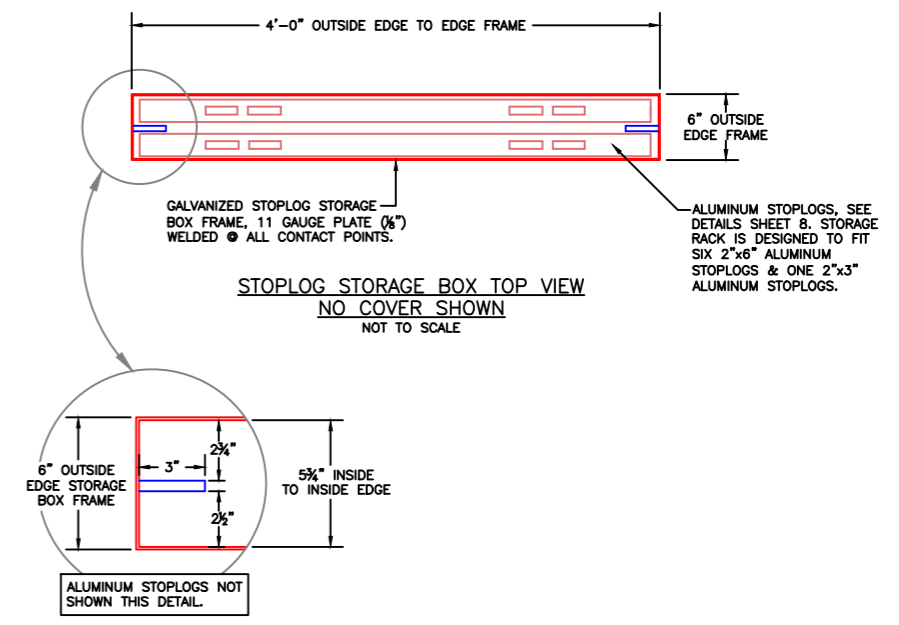
DUCKS UNLIMITED INC. PROJECT NO. MN-445-1 SANBORN LAKE WATER CONTROL STRUCTURE CATWALK DETAILS

DESIGNED BY: JAS. DRAWN BY: MLO. SURVEYED BY: GLJ. CHECKED BY: .

DATE: 3-30-2017. SHEET NO. 9. APPROVED BY: . APPROVED BY: .

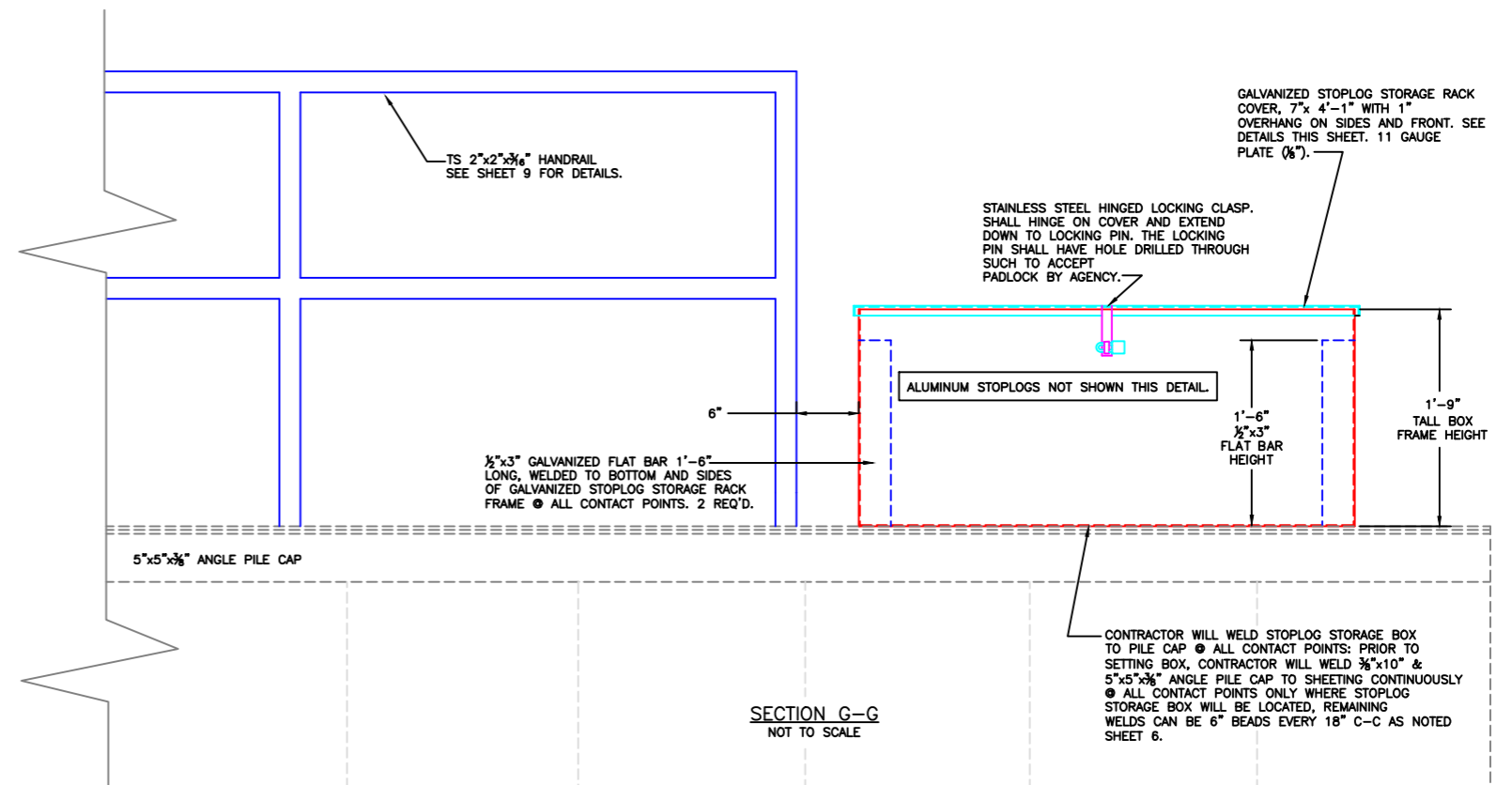
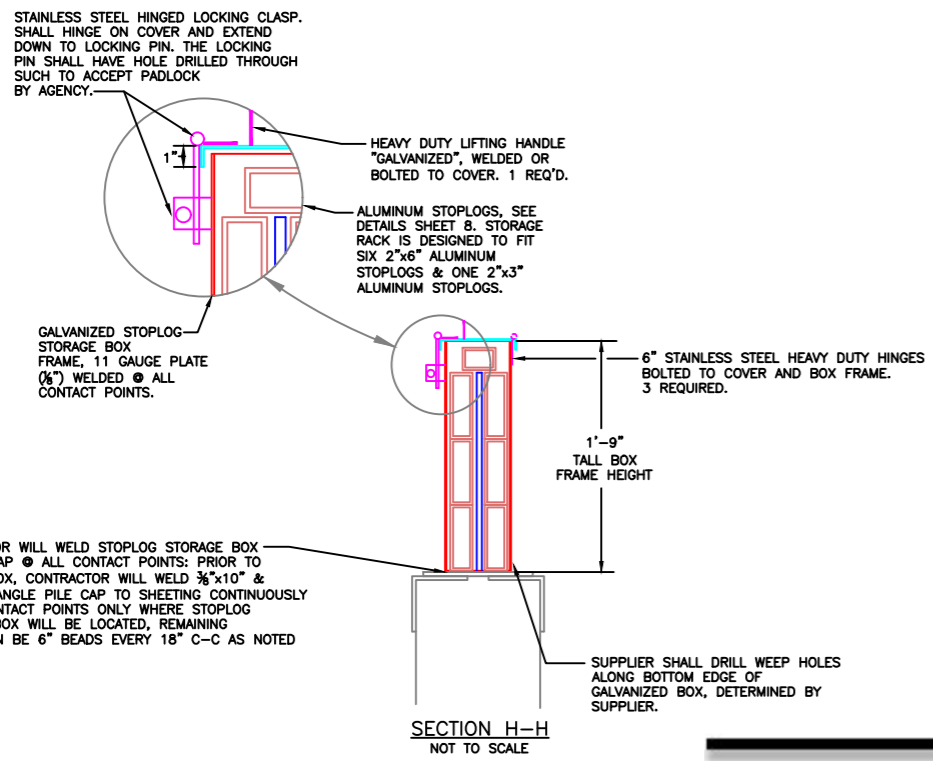


EXAMPLE OF STORAGE BOX MADE BY HALLA INDUSTRIES



STOPLOG STORAGE BOX NOTES:

- BOX FRAME AND COVER SHALL BE 11 GAUGE (1/8") THICK AND BE WELDED @ ALL CONTACT POINTS.
- COVER SHALL HAVE A 1" OVER HANG ON ALL SIDES.
- ALL STOPLOG STORAGE BOX COMPONENTS SHALL BE GALVANIZED.
- SUPPLIER SHALL DRILL WEEP HOLES IN BOTTOM OF BOX.
- 1/2"x3" FLAT BARS SPACERS SHALL BE WELDED @ ALL CONTACT POINTS ALONG BOTTOM AND TACK WELDED (3" BEADS SPACED APART) ALONG BOTH SIDES OF BAR STOCK SUFFICIENT ENOUGH TO WITH STAND FIELD USE.
- SUPPLIER SHALL STAINLESS STEEL HEAVY DUTY HINGES, LIFTING HANDLE, LOCKING CLASP, AND LOCKING PIN.
- STOPLOG STORAGE BOX WILL BE WELDED TO 3/8"x10" PILE CAP @ ALL CONTACT POINTS. PRIOR TO INSTALLING STORAGE BOX: THE CONTRACTOR SHALL WELD 3/8"x10" PILE CAP & 5"x5"x3/8" ANGLES CONTINUOUSLY TO SHEET PILING ONLY WHERE BOX FRAME IS LOCATED. REMAINING WELDS CAN BE 6" BEADS, 18" C-C AS NOTED SHEET 6.
- PAYMENT FOR STOPLOG STORAGE BOX AND ALL COMPONENTS DETAILED THIS SHEET SHALL BE BASED ON THE CONTRACTORS UNIT BID PRICE FOR "GALVANIZED STOPLOG STORAGE BOX."



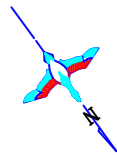
Revision Number	Sheet Number	Revisions	Date	By	Check
2	4 & 5	Changed 96" RCP to 10'x10" RCB	3/27/17	JS	

I hereby certify that this plan, specification or report was prepared

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 3-27-2017 SHEET NO. 10

PROJECT NO. MN-445-1
SANBORN LAKE
 STOPLOG STORAGE BOX DETAIL

DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: _____
 APPROVED BY: _____



ESTIMATED QUANTITIES:
INLET CHANNEL: 950 C.Y.*
 *THIS IS FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON LINEAR FOOT.

ESTIMATED QUANTITIES:
INLET CHANNEL EXC. STATIONS 0+00-20+05: 2005 LINEAR FEET
 PAYMENT WILL BE BASED ON LINEAR FOOT BASIS, CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH "CHANNEL EXCAVATION" AS NOTED THIS SHEET.

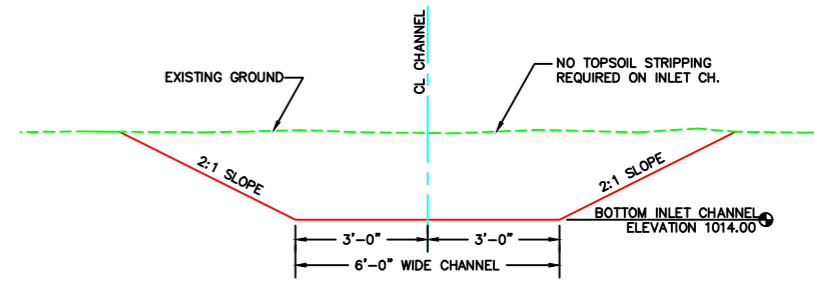
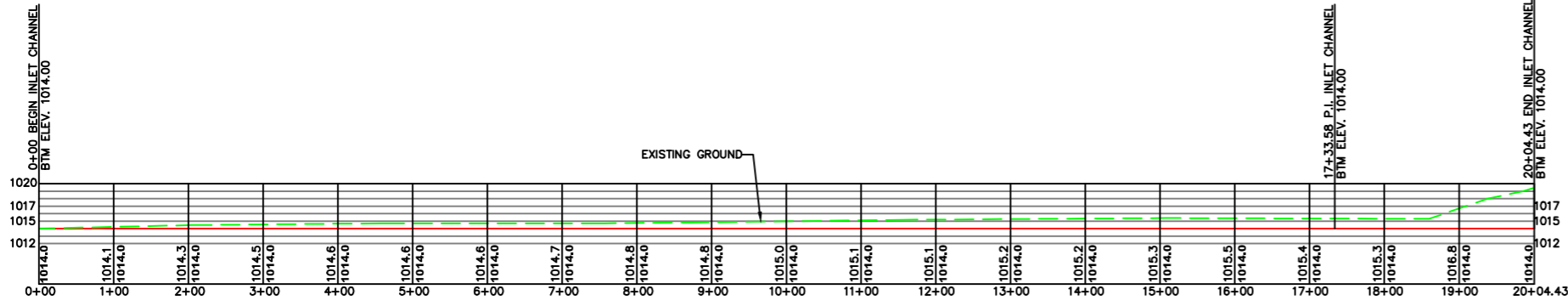
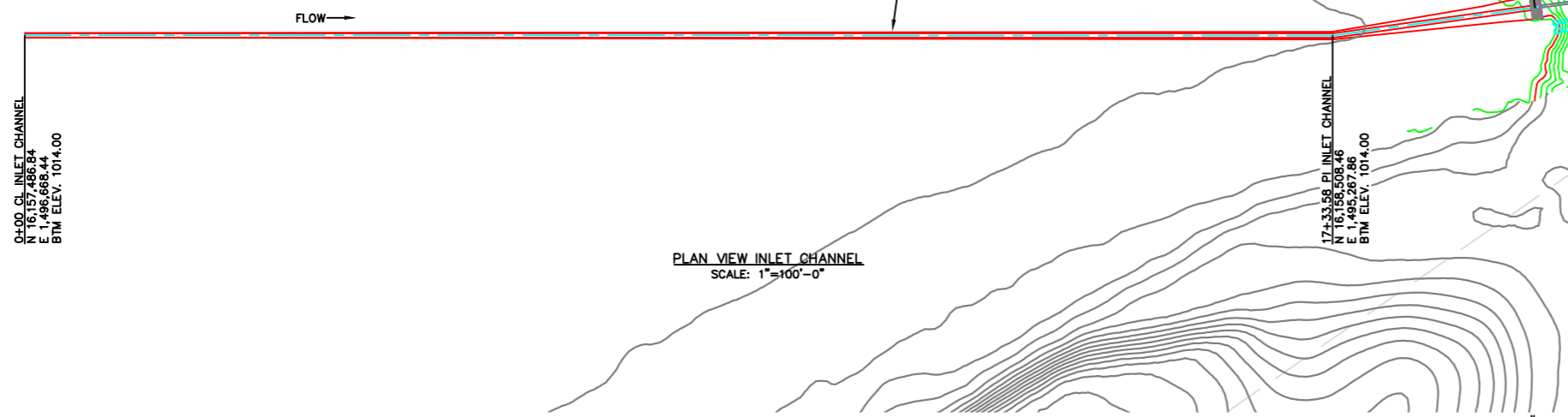
INLET CHANNEL EXCAVATION NOTES:

CONTRACTOR WILL EXCAVATE 6' WIDE 2:1 SLOPE CHANNEL @ BOTTOM ELEV. 1014.00, ALL SPOIL MATERIAL SHALL BE REMOVED FROM WETLAND AND DEPOSITED IN DESIGNATED WASTE AREA SHOWN THIS SHEET. THE WASTE AREA IS ALSO THE BORROW AREA FOR RCP CROSSING, CONTRACTOR WILL FILL "VOID" WITH SPOIL MATERIAL AND LEVEL SUITABLE ENOUGH FOR SEEDING & MULCHING. THE EXACT BORROW/WASTE AREA WILL BE LOCATED IN THE FIELD BUT FOR BIDDING PURPOSES WILL BE IN THE GENERAL AREA WEST OF RCP CROSSING. NO TOPSOIL STRIPPING REQUIRED WITHIN EXISTING CHANNEL FOOTPRINT. CONTRACTOR SHALL INCLUDE A SECOND MOBILIZATION TO RETURN WHEN WATER LEVELS HAVE LOWERED SUITABLE ENOUGH TO FINISH FULL INLET CHANNEL AS SHOWN.

PAYMENT IS BASED ON LINEAR FOOT: THIS SHALL INCLUDE BUT NOT LIMITED TO: EXCAVATOR, DOZER, TRUCKS, OPERATORS, LABORERS, MATS AND SECOND MOBILIZATION TO RETURN WHEN WATER LEVELS HAVE LOWERED TO FINISH FULL INLET CHANNEL AS SHOWN. CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH CHANNEL EXCAVATION WORK AS NOTED. EXCAVATION REQUIRED FOR RIPRAP IS CONSIDERED "INCIDENTAL" TO THAT LINE ITEM.

EXCAVATE 6' WIDE 2:1 SLOPE INLET CHANNEL, SEE DETAILS THIS SHEET.

DESIGNATED BORROW/WASTE AREA. SEE NOTE THIS SHEET.

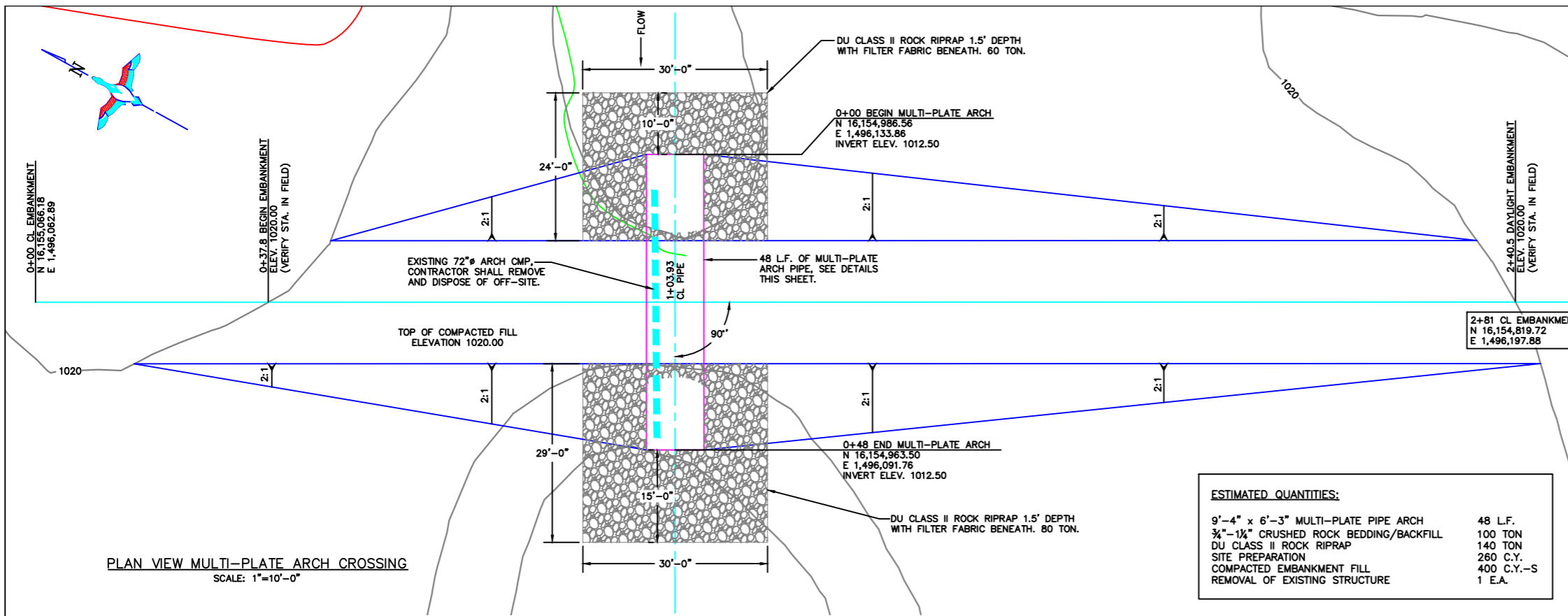


Revision Number	Sheet Number	Revisions	Date	By	hereby certify that this plan, specification or report was prepared
2	4 & 5	Changed 96" RCP to 10'x10' RCP	3/27/17	JS	James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 7-23-2015 SHEET NO. 11

PROJECT NO. MN-445-1
SANBORN LAKE
 PLAN & PROFILE INLET CHANNEL
 DETAILS AND NOTES

DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: .
 APPROVED BY: .



SITE PREPARATION NOTE:
 MINIMUM 12" DEPTH TOPSOIL SHALL BE STRIPPED FROM BENEATH THE CROSSING FOOTPRINT AND STOCKPILED PRIOR TO INSTALLING PIPE. UPON COMPLETION OF PIPE INSTALLATION/CROSSING CONTRACTOR SHALL PLACE MIN. 6" DEPTH TOPSOIL OVER ALL DISTURBED AREAS NOT RECEIVING ROCK RIPRAP. ANY ADDITIONAL TOPSOIL SHALL BE WASTED IN BORROW AREA OR AS DIRECTED BY THE DU FIELD ENGINEER.

THE CONTRACTOR SHALL LEVEL ALL TOPSOIL SUITABLE ENOUGH FOR SEEDING & MULCHING, AS DETERMINED BY DU FIELD ENGINEER. PAYMENT FOR STRIPPING, STOCKPILING, REMOVAL/DEPOSITING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "SITE PREPARATION."

BORROW AREA/CROSSING NOTE:
 THE BORROW AREA FOR MULTI-PLATE PIPE CROSSING IS HILL SIDE LOCATED NORTHEAST OF CROSSING, SEE SHEET 13. CONTRACTOR WILL EXCAVATE TEST HOLES WITHIN THIS GENERAL AREA TO LOOK FOR SUFFICIENT MATERIAL TO BE USED AS BACKFILL ALONG PIPE AND COMPACTED EMBANKMENT, AS DETERMINED BY THE DU FIELD ENGINEER. AFTER COMPLETION OF CROSSING AND BACKFILLING "EXISTING DITCH" (SEE SHEET 13), CONTRACTOR WILL BLEND BORROW AREA INTO EXISTING LANDSCAPE AND LEVEL ALL TOPSOIL SUITABLE ENOUGH FOR SEEDING & MULCHING. INSUFFICIENT SURVEY DATA AT THIS CROSSING SITE MEANS THAT THE MULTI-PLATE PIPE ARCH CROSSING WILL BE BID AS CUBIC YARD-STAKED. CONTRACTOR WILL BE PAID FOR ACTUAL STAKED QUANTITY DETERMINED IN THE FIELD. FOR BIDDING PURPOSES IT IS ESTIMATED THAT THE CROSSING IS 400 CUBIC YARDS. CONTRACTOR WILL PLACE AND COMPACT MATERIAL AS DESCRIBED IN EMBANKMENT SPECIFICATION 204.

PAYMENT FOR MULTI-PLATE ARCH CROSSING SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "EMBANKMENT."

COFFERDAM NOTE:
 THE CONTRACTOR WILL LIKELY NEED A COFFERDAM ON BOTH THE UPSTREAM AND DOWNSTREAM SIDES OF EXISTING CHANNEL IN-ORDER TO INSTALL PIPE AND RIPRAP. COFFERDAM MATERIAL SHALL BE TAKEN FROM BORROW AREA AS NOTED ABOVE. ANY MATERIAL PLACED WITHIN THE EXISTING CHANNEL FOR "COFFERDAM" SHALL BE REMOVED ENTIRELY AFTER INSTALLATION OF THE VARIOUS COMPONENTS.

ALL COFFERDAM WORK IS CONSIDERED "INCIDENTAL" TO MULTI-PLATE PIPE INSTALLATION.

CLEARING & GRUBBING NOTE:
 EXISTING TREES AND BRUSH ARE PRESENT AT THE CROSSING SITE AND BORROW AREA. CONTRACTOR WILL REMOVE THOSE TREES/BRUSH WITHIN THE CONSTRUCTION AREA, AS IDENTIFIED BY THE DU FIELD ENGINEER, AND PLACE IN A PILE FOR THE AGENCY TO BURN AT A LATER DATE. EXACT LOCATION OF PILE WILL BE DETERMINED BY THE AGENCY BUT FOR BIDDING PURPOSES WITHIN 400' OF THE CROSSING. SUCH TREE/BRUSH REMOVAL SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "CLEARING & GRUBBING."

MULTI-PLATE PIPE ARCH INSTALLATION:
 CONTRACTOR SHALL INSTALL 48 LINEAL FEET OF 9'-4" x 6'-3" MULTI-PLATE PIPE ARCH AT A SLOPE OF 0.00% INVERT ELEVATION 1012.50. TYPICAL INSTALLATION WILL BE 1.5' DEPTH OF ROCK BEDDING AND 4' OF BACKFILL UP SIDES OF PIPE. CONTRACTOR SHALL MACHINE COMPACT ROCK TO ENSURE ALL VOIDS HAVE BEEN FILLED. WOVEN FILTER FABRIC WILL BE INSTALLED OVER ROCK FOR THE ENTIRE TRENCH WIDTH, PRIOR TO PLACING COMPACTED EMBANKMENT FILL. WOVEN FILTER FABRIC SHALL BE CONSIDERED "INCIDENTAL" TO PIPE INSTALLATION. PAYMENT FOR MATERIALS, HAULING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "9'-4"x6'-3" MULTI-PLATE PIPE ARCH."

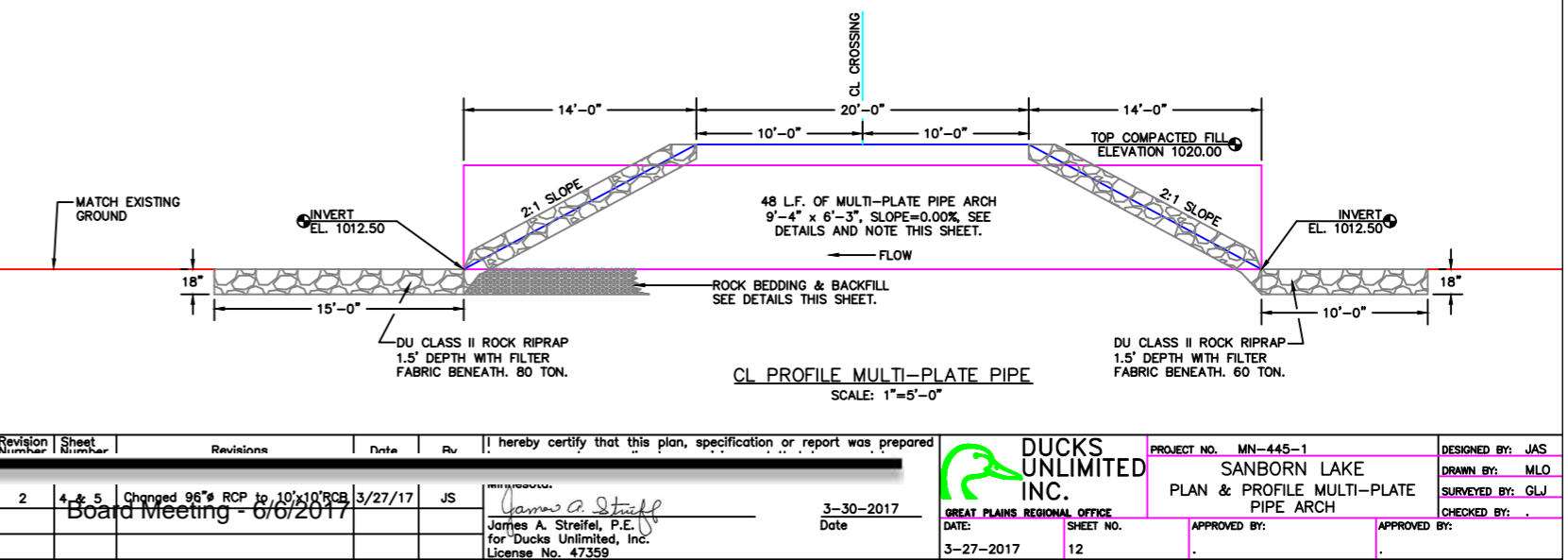
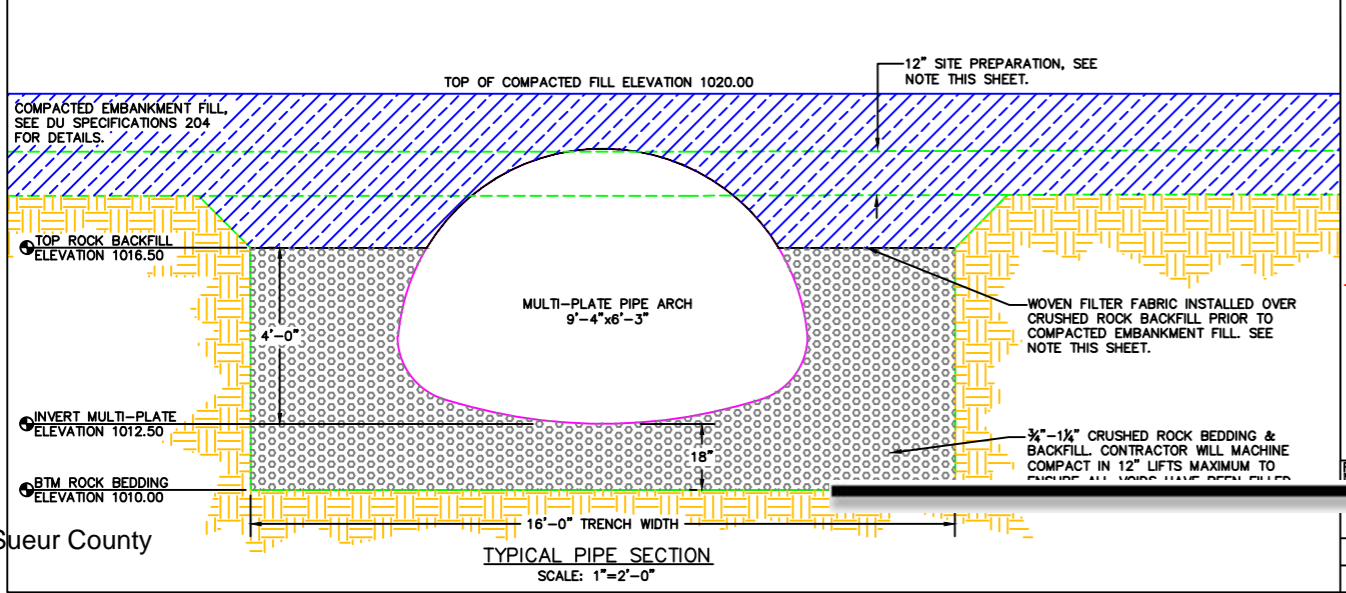
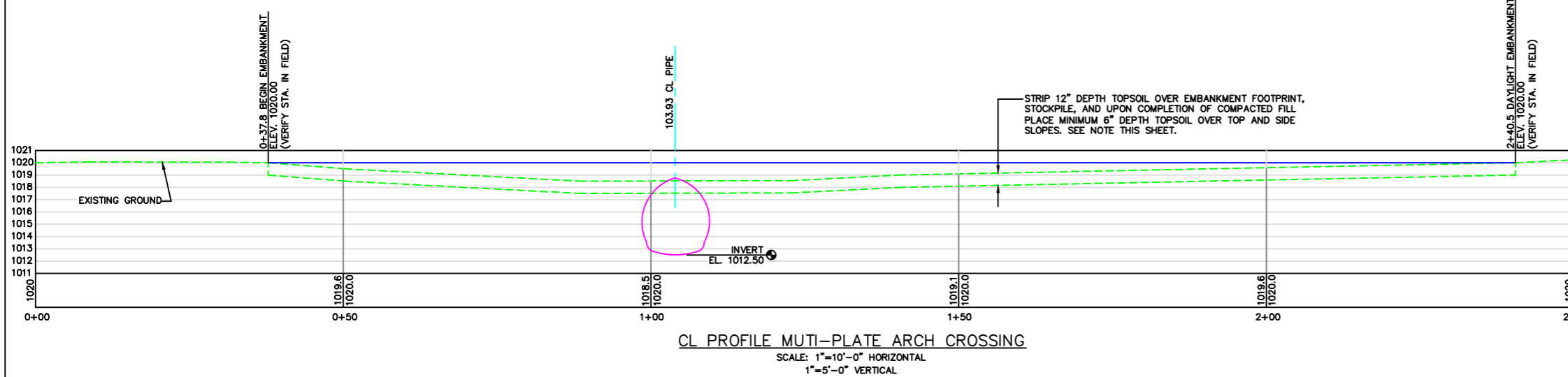
RIPRAP NOTE:
 DU CLASS II ROCK RIPRAP SHALL BE INSTALLED ON THE UPSTREAM SIDE OF THE RCP, 1.5' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 10' UPSTREAM OF PIPE AND SIDE SLOPES TO ELEVATION 1020.00 AS SHOWN. ROCK SHALL BE MACHINE COMPACTED TO ENSURE A STABLE/UNIFORM LOOK. ALL EXCAVATION REQUIRED FOR ROCK RIPRAP SHALL BE CONSIDERED "INCIDENTAL." TOTAL OF 60 TON.

DU CLASS II ROCK RIPRAP SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF THE RCP, 1.5' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 15' DOWNSTREAM OF PIPE AND UP SIDE SLOPES TO ELEVATION 1020.00 AS SHOWN. ROCK SHALL BE MACHINE COMPACTED TO ENSURE A STABLE/UNIFORM LOOK. ALL EXCAVATION REQUIRED FOR ROCK RIPRAP SHALL BE CONSIDERED "INCIDENTAL." TOTAL OF 80 TON.

PAYMENT FOR ROCK RIPRAP (EXCAVATION, SPOIL REMOVAL, NON-WOVEN FILTER FABRIC, ROCK, AND INSTALLATION) SHALL BE PAID FOR BASED ON THE CONTRACTORS UNIT BID PRICE FOR "DU CLASS II"

ESTIMATED QUANTITIES:

9'-4" x 6'-3" MULTI-PLATE PIPE ARCH	48 L.F.
¾"-1½" CRUSHED ROCK BEDDING/BACKFILL	100 TON
DU CLASS II ROCK RIPRAP	140 TON
SITE PREPARATION	260 C.Y.
COMPACTED EMBANKMENT FILL	400 C.Y.-S
REMOVAL OF EXISTING STRUCTURE	1 E.A.



Revision Number	Sheet Number	Revisions	Date	By
2	4 & 5	Changed 98" RCP to 10"x10" RCP	3/27/17	JS

I hereby certify that this plan, specification or report was prepared

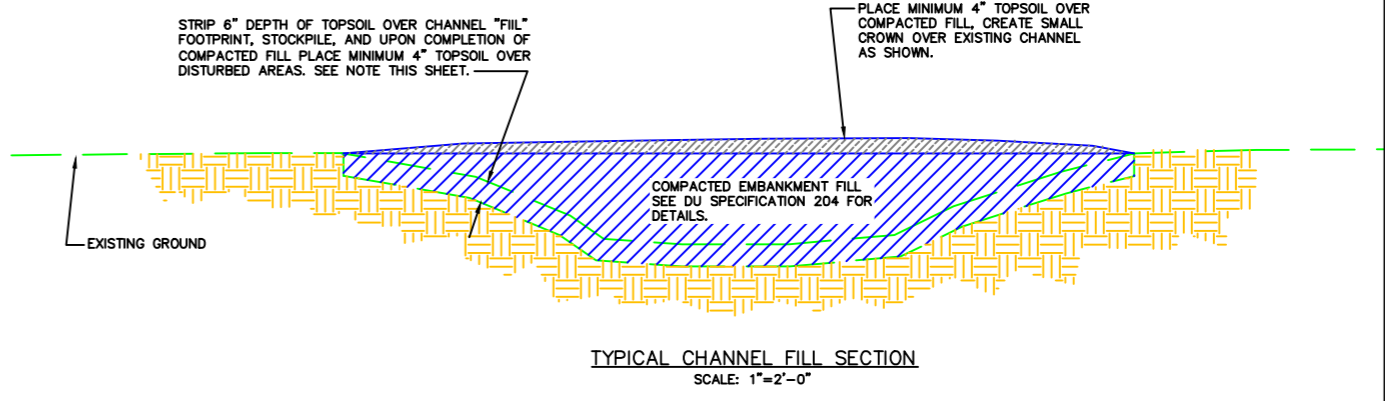
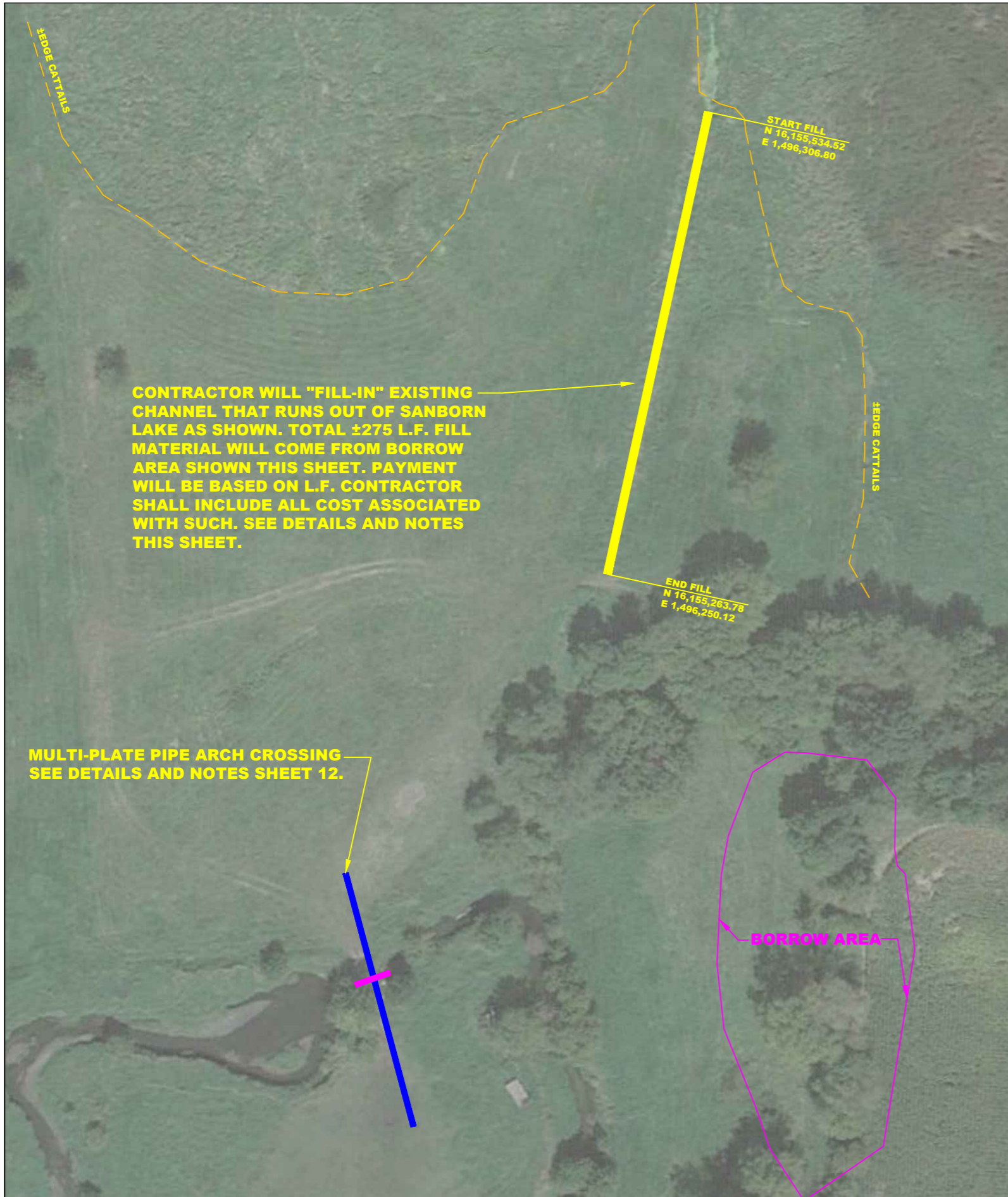
DATE: 3-30-2017

for Ducks Unlimited, Inc. License No. 47359

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 3-27-2017 SHEET NO. 12

PROJECT NO. MN-445-1
 SANBORN LAKE
 PLAN & PROFILE MULTI-PLATE PIPE ARCH

DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: .
 APPROVED BY: . APPROVED BY: .



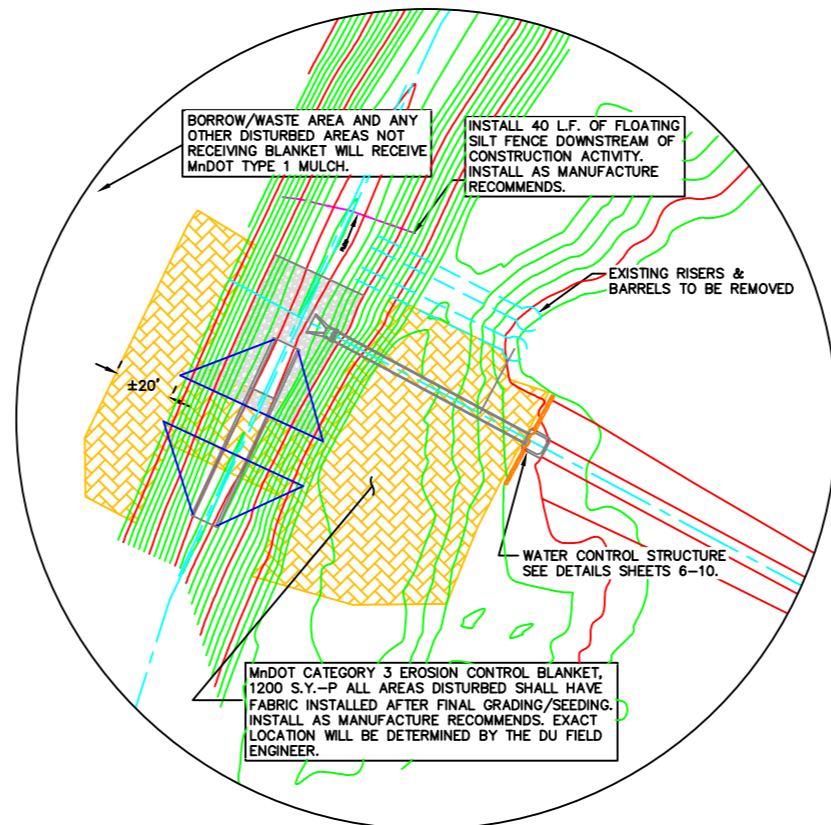
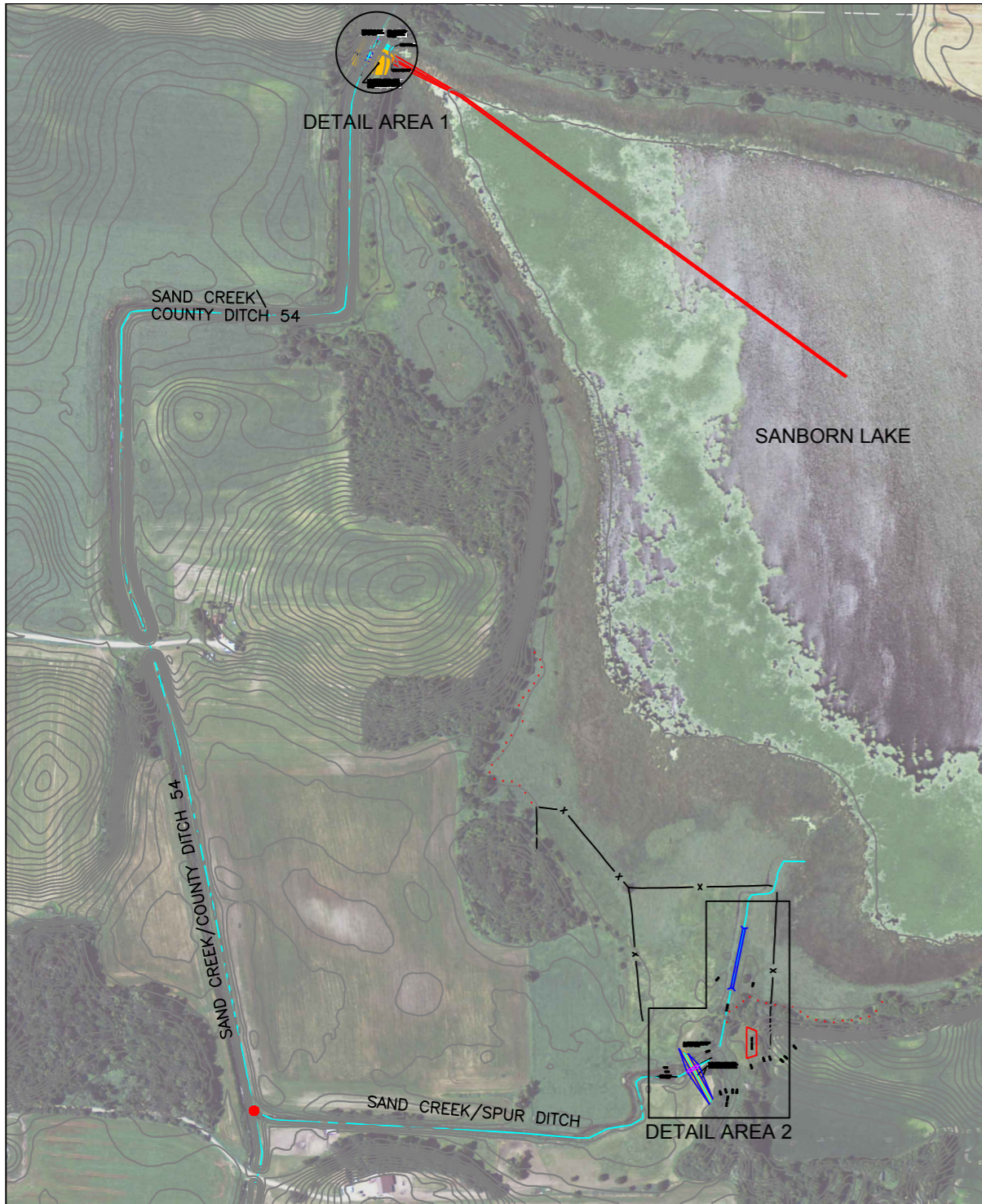
EXISTING CHANNEL FILL NOTE:

THE CONTRACTOR WILL "FILL-IN" THE EXISTING CHANNEL THAT LEADS OUT OF SANBORN LAKE AS SHOWN THIS SHEET. TOTAL OF 275 L.F. OF EXISTING CHANNEL WILL NEED TO BE FILLED. SUCH WORK SHALL CONSIST OF: STRIPING 6" TOPSOIL OVER EXISTING CHANNEL FOOTPRINT, STOCKPILING, PLACING COMPACTED FILL TO MATCH EXISTING SIDE SLOPES, AND PLACING 4" DEPTH OF TOPSOIL OVER ALL DISTURBED AREAS. CONTRACTOR WILL LEVEL SUITABLE ENOUGH FOR SEEDING AND MULCHING. BORROW AREA IS SHOWN ON THIS SHEET, UPON COMPLETION OF WORK CONTRACTOR WILL BLEND INTO THE EXISTING LANDSCAPE AND LEVEL SUITABLE ENOUGH FOR SEEDING AND MULCHING.

ALL WORK REQUIRED FOR "EXISTING CHANNEL FILL" INCLUDING: SITE PREPARATION, HAULING, PLACING, COMPACTING FILL, AND LEVELING SUITABLE ENOUGH FOR SEEDING & MULCHING WILL BE INCLUDED IN THE CONTRACTORS UNIT BID PRICE FOR "EXISTING CHANNEL FILL." ANY ADDITIONAL LENGTH REQUIRED, AS DETERMINED BY THE DU FIELD ENGINEER, WILL BE CONSIDERED "EXTRA" AND PAID FOR AS SUCH.

Revision Number	Sheet Number	Revisions	Date	Rv	hereby certify that this plan, specification or report was prepared	DATE	DESIGNED BY:
2	4 & 5	Changed 96" RCP to 10'x10' RCP	3/27/17	JS	James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359	3-30-2017	JAS
							MLO
							GLJ

GREAT PLAINS REGIONAL OFFICE		PROJECT NO. MN-445-1	DESIGNED BY: JAS
DATE: 3-27-2017	SHEET NO. 13	SANBORN LAKE PLAN VIEW EXISTING CHANNEL FILL	DRAWN BY: MLO
			SURVEYED BY: GLJ
			CHECKED BY:
			APPROVED BY:

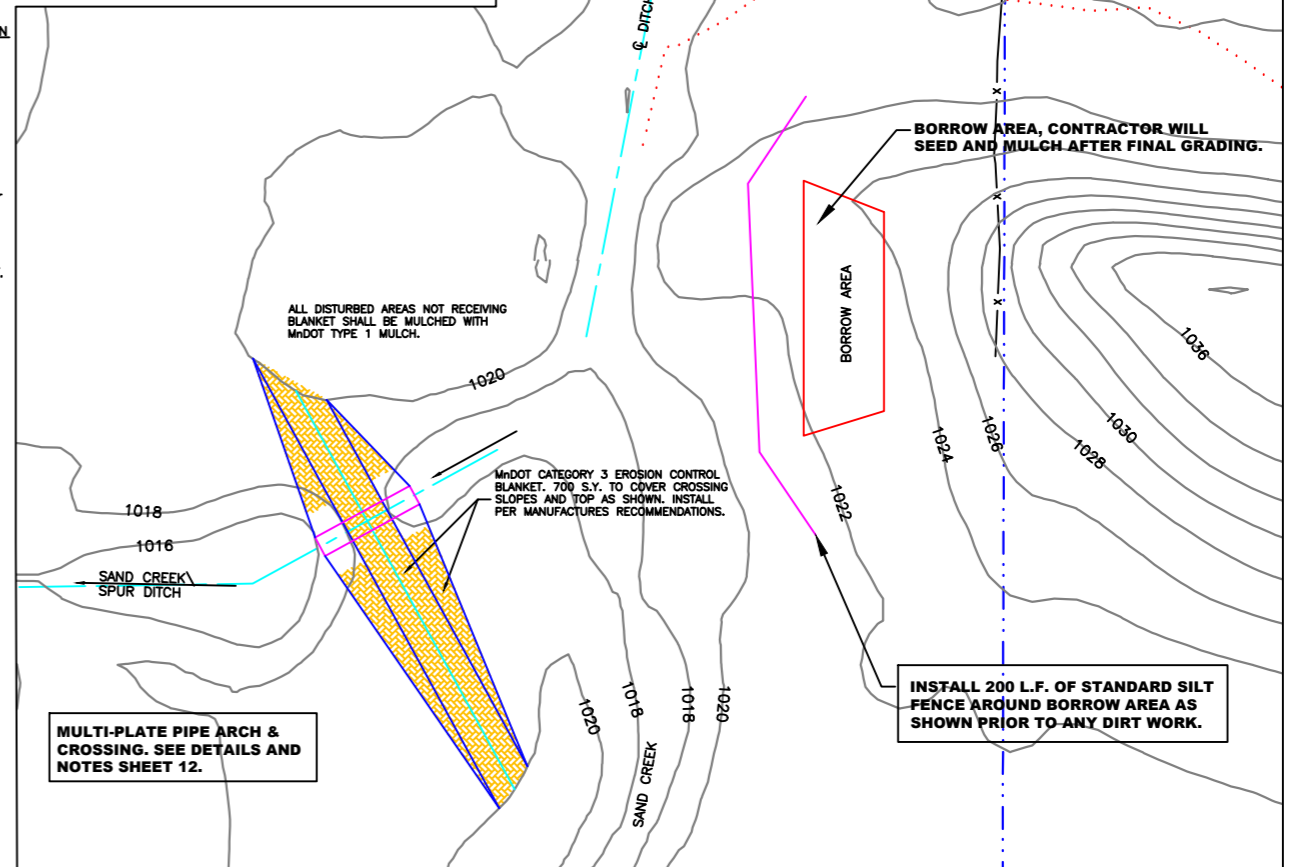


DETAIL AREA 1

- SEQUENCE OF CONSTRUCTION ACTIVITIES AND BMP IMPLEMENTATION**
1. Clear and grub construction site.
 2. Perform site preparation work at structure site and proposed borrow area. Install silt fence perimeter control.
 3. Complete structure work and install temporary ditch check.
 4. Following initial lake drawdown, perform inlet channel work. If water is still flowing out of the during channel work, install floating silt curtain or other approved BMP's.
 5. Seed and mulch disturbed areas.
 6. Remove temporary rock check.
 7. Inspect all BMP's.
 8. Minnesota DNR will be responsible for the removal of all other temporary BMP's including silt fence and bio rolls following satisfactory seed germination.
- SEQUENCE OF CONSTRUCTION EVENTS MAY BE ALTERED BY THE CONTRACTOR AS LONG AS BMP'S ARE IMPLEMENTED ACCORDINGLY. CONTRACTOR SHALL PROVIDE MODIFIED SCHEDULE AND BMP IMPLEMENTATION.

Mixture: 350			
Common Name	PLS Rate		% of Mix Component
	kg/ha	lb/ac	
Bluestem, big	3.4	3.0	21.5
Indian grass	2.8	2.5	18.0
Bluestem, little	2.8	2.5	18.0
Grama, sideoats	3.4	3.0	21.5
Wild-rye, Canadian	2.2	2.0	14.0
Switch grass	1.1	1.0	7.0
Grass Totals	15.7	14.0	100.0
Common Name	Bulk Rate		% of Mix Component
	kg/ha	lb/ac	
Winter Wheat*	62.7	56.0	80.0
Rye-grass, annual	12.5	11.2	16.0
Wheatgrass, slender	3.1	2.8	4.0
Cover Crop Totals	78.3	70.0	100.0
Mesic Forbs Mixture	0.6	0.5	100.0
GRAND TOTALS:	94.6	84.5	100.0

*Oats to be substituted for spring plantings
Application: Native mix for general roadside areas.



DETAIL AREA 2

ESTIMATED QUANTITIES FOR STORMWATER BMP'S

Location	Silt Fence (Lineal Ft.)	Erosion Control Blanket (Square Yards)	Floating Silt Fence (Lineal Feet)	Seeding Area (Acres)	Seed Mix (Pounds)	Mulch (Ton)
Area 1 - Water Control	600	1,200	40	1.5	130	3
Area 2 - Multi-Plate	200	700		1.5	130	3
Sanborn Lake Ditch Fill	600			0.2	20	0.5
TOTAL	1,400	1,900	40	3.2	280	6.5

ESTIMATED QUANTITIES WATER CONTROL STRUCTURE SITE:
QUANTITIES LISTED ARE APPROXIMATE AND WILL BE ADJUSTED BASED ON SITE CONDITIONS AND EXACT MEASUREMENTS DETERMINED BY THE DU FIELD ENGINEER. IF FURTHER EROSION CONTROL METHODS ARE REQUIRED THAN THOSE WILL BE TREATED AS "EXTRA" AND PAID FOR AS SUCH. PRIOR TO FINAL INSPECTION THE DU FIELD ENGINEER WILL TAKE MEASUREMENTS ON L.F. SILT FENCE, SQUARE YARD BLANKET, AND TOTAL ACRES OF SEEDING/MULCHING; CONTRACTOR WILL BE PAID BASED ON THESE AS-BUILT MEASUREMENTS.

AREA 1 SOIL TYPES

NRCS Soil Name	Acres in Area 2	Percent of Area 2	K Factor	Soil Classification
Cordova Clay Loam	0.46	31%	0.28	CL-ML
Manet Clay Loam	0.17	11%	0.24	CL
Caron, Blue Earth	0.87	58%	0.02	ML-DL

AREA 2 SOIL TYPES

NRCS Soil Name	Acres in Area 2	Percent of Area 2	K Factor	Soil Classification
Dassel Loam (183)	0.75	44%	0.28	CL-ML
Dexter Silty Loam (46B)	0.10	6%	0.32	CL
Caron Muck (524)	0.85	50%	0.02	PT

Revision Number	Sheet Number	Revisions	Date	By	By
2	4 & 5	Changed 96% RCP to 10"x10" RCB	3/27/17	JS	

I hereby certify that this plan, specification or report was prepared by James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

DATE: 3-30-2017

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-27-2017 SHEET NO. 14

PROJECT NO. MN-445-1
SANBORN LAKE
PLAN VIEW EROSION CONTROL

DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLJ
CHECKED BY:

APPROVED BY: APPROVED BY:

STORM WATER POLLUTION PREVENTION PLAN

THE Minnesota General Permit Authorization to Discharge Stormwater Associated with Construction Activity issued on June 25, 2013 shall apply for this project.

ABBREVIATIONS

MNDNR: Minnesota Department of Natural Resources
MPCA: Minnesota Pollution Control Agency

NARRATIVE

Project Limits: See Sheets 1, 3, 4, 5, 11, 12, & 13 of these plans for the project limits. These sheets cover structure installations, channel cleanout, embankment construction and seeding areas.

SITE DESCRIPTION

Project Description: The purpose of the project is to replace the existing water control structures with a sheet pile box riser weir. The project will also include the construction of ditch crossings and channel cleanout.

Site Map(s): See map on sheet 14 of plans.

Major Soil Disturbing Activities (check all that apply):

- Clearing & Grubbing
- Grading & Shaping
- Cutting & Filling
- Other (describe):

Total Project Area: 1.5 Acres
Total Area to Be Disturbed: 1.5 Acres
Existing Impervious Area: 0.0 Acres
Proposed Impervious Area: 0.0 Acres

Name of Receiving Water Body/Bodies: Sanborn Lake discharges directly into County Ditch 54 which in turn becomes Sand Creek.

Discharges to Special Or Impaired Waters: The project does have a discharge point within 1 mile of a special water or a water that is impaired for sediment or a sediment related parameter of the permit. Sand Creek has been determined to be impaired for: Chloride & Turbidity.

Discharges to Calcareous Fen: The project does not have a discharge to a Calcareous fen.

Endangered or Threatened Species: The project area has not been identified for endangered or threatened species.

Historic Places or Archeological Sites: Historical places or archeological sites have been addressed by the MndNR.

Quantities Tabulation for All BMPs: See estimated quantities and construction notes in plans.

ORDER OF CONSTRUCTION ACTIVITIES

(Stabilization measures shall be initiated as soon as possible, but in no case later than 7 days after the construction activity in that portion of the site has temporarily or permanently ceased.)

- Install erosion and sediment control measures.
- Proceed with site grading and construction activities.
- Stabilize areas disturbed by construction activities with temporary erosion and sediment control measures.
- Complete final grading.
- Complete permanent erosion and sediment control measures.

LOCATION OF SWPPP REQUIREMENTS IN PROJECT PLAN

See sheets 2, 14 & 15 for erosion control measures and notes.

EROSION AND SEDIMENT CONTROLS

(Check all that apply)

Stabilization Practices (See Erosion and Sediment Control Details in Plan Sheets)

- Temporary or Permanent Seeding
- Sod Placement
- Planting
- Mulching (Straw or Cellulose Fiber)
- Erosion Control Blankets or Mats
- Vegetation Buffer Strips
- Roughened Surface (e.g. tracking)
- Gabions-Gabion Mattress
- Other: Rip Rap

Structural Temporary Erosion and Sediment Controls

- Silt Fence
- Temporary Berm
- Temporary Slope Drain
- Straw Wattles or Rolls
- Diversion Channels/Swales
- Channel Liners (TRM)
- Stone Rip Rap Sheet
- Rock Check Dams
- Sediment Traps/Basins
- Inlet Protection
- Outlet Protection
- Surface Inlet Protection
- Curb Inlet Protection
- Stabilized Construction Entrances
- Other

Wetland Avoidance:

Will construction and/or erosion and sediment controls impinge on regulated wetlands? Yes No
If yes, the project and erosion and sediment control impacts have been included in the total project wetland impacts and have been included in the 404 permit process with the USACE.

Storm Water Management: Storm water management will be handled by temporary controls outlined in "EROSION AND SEDIMENT CONTROLS" above, and any permanent controls needed to meet permanent storm water management needs in the post construction period.

Pollution Prevention Management Measures

- **Solid Wastes**
Collected sediment, asphalt, and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be disposed of properly and must comply with the MPCA disposal requirements.
- **Hazardous Materials**
Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spills, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Storage and disposal of hazardous waste must be in compliance with MPCA regulations.
- **Vehicle Washing**
External washing of trucks and other construction vehicles must be limited to a defined area of the site. Runoff must be contained and waste properly disposed of. No engine degreasing is allowed on site.
- **Concrete Washout Onsite**
All liquid and solid wastes generated by concrete washout operation must be contained in a leak-proof containment facility or impermeable liner. A compacted clay liner that does not allow washout liquids to enter ground water is considered an impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operation or areas. Liquid and solid wastes must be disposed of properly and in compliance with MPCA regulations. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

MAINTENANCE AND INSPECTION

Maintenance and Inspection Practices

- Inspections will be conducted at least one time per week and after a storm event of 0.50 inches or greater.
- All controls will be maintained in good working order. Necessary repairs will be initiated within 24 hours of the site inspection report or as soon as field conditions allow access.
- Where work has been suspended due to frozen ground conditions, the required inspections and maintenance must take place as soon as runoff occurs at the site or prior to resuming construction, whichever comes first.
- Where parts of the construction site have undergone final stabilization, but work remains on other parts of the site, inspections of the stabilized areas may be reduced to once per month.
- Silt fence will be inspected for depth of sediment and for tears in order to ensure the fabric is securely anchored. Sediment buildup will be removed from the silt fence when it reaches 1/3 of the height of the silt fence. All silt fences must be repaired, replaced, or supplemented when they become nonfunctional or the sediment reaches 1/3 of the height of the fence.

- Sediment basins and traps will be checked. Sediment will be removed when the depth reaches approximately 50 percent of the structure's capacity.
- Check dams will be inspected for stability. Sediment will be removed when the depth reaches 1/2 the height of the dam.
- All seeded areas will be checked for bare spots, washouts, and vigorous growth free of significant weed infestations.
- Surface waters, including drainage ditches and conveyance systems, must be inspected for evidence of sediment being deposited by erosion.
- Construction site vehicle exit locations must be inspected for evidence of off-site sediment tracking onto paved surfaces. Tracked sediment must be removed from all off-site paved surfaces within 24 hours of discovery.
- Disturbed areas will be checked for stabilization. Stabilization measures shall be initiated as soon as construction activity in that portion of the site has temporarily or permanently ceased.
- The normal wetted perimeter of any temporary or permanent drainage ditch or swale that drains water from any portion of the construction site, or diverts water around the site, must be stabilized within 200 lineal feet from the property edge, or from the point of discharge into any surface water. Stabilization of the last 200 lineal feet must be completed within 24 hours after connection to a surface water.
- Stabilization of the remaining portions of any temporary or permanent ditches or swales must be completed within 14 days after connecting to a surface water and construction in that portion of the ditch has temporarily or permanently ceased.
- Temporary or permanent ditches or swales that are being used as a sediment containment system (with properly designed rock ditch checks, bio rolls, silt dikes, etc.) do not need to be stabilized. These areas must be stabilized within 24 hours after no longer being used as a sediment containment system.
- Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.
- Discharge procedures for water control and dewatering operations will be inspected. If the water cannot be discharged to a sedimentation basin prior to entering the surface water, it must be treated with the appropriate BMPs, such that the discharge does not adversely affect the receiving water or downstream landowners.
- Inspection and maintenance reports will be completed for each site inspection, this form will also be used to document changes to the SWPPP. The report shall include the date and amount of rainfall events greater than 0.5 inch in 24 hours. A copy of the completed inspection form will be filed with the SWPPP documents.
- The Contractor's site superintendent is responsible for inspection. Maintenance and repair activities are the responsibility of the Contractor.

SPILL NOTIFICATION

In the event of a spill, the contractor's site superintendent will make the appropriate notification(s), consistent with the following procedures:

1. A reportable spill is a quantity of more than 5 gallons of petroleum which must be reported immediately to the MPCA.
2. Any spill of oil or hazardous substance to waters of the state must be reported immediately by telephone to the MPCA.
3. MPCA Contact for Environmental Emergencies: 24 Hour (651) 649-5451 or (800) 422-0798

CONSTRUCTION CHANGES

When changes are made to the construction project that will require alterations in the temporary erosion controls of the site, the Storm Water Pollution Prevention Plan (SWPPP) will be amended to provide appropriate protection to disturbed areas, all storm water structures, and adjacent waters. The SWPPP will be retained in a designated place for review over the course of the project.

PROJECT CONTACTS AND RESPONSIBILITIES

The Contractor is responsible for cosigning and being familiar with the MPCA General Permit for storm water discharges associated with a construction site. When a conflict arises between the permit and this plan sheet, the permit shall govern.

The Contractor is responsible for implementation of the SWPPP and installation, inspection and maintenance of the erosion prevention and sediment control BMP's before and during construction. The Minnesota Department of Natural Resources, Windom Field Office, is responsible for long term operation and maintenance of the permanent storm water management system. The Contractor and FWS contact information is provided in the contract documents and project plans.

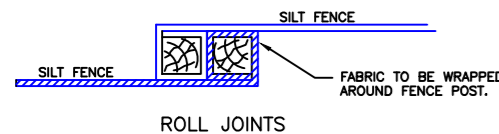
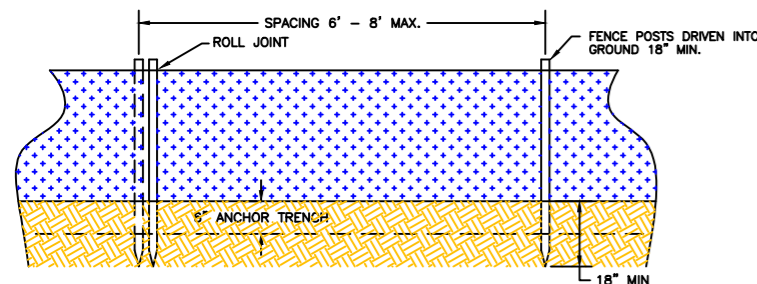
James A. Streifel, P.E., Regional Engineer for Ducks Unlimited, Inc. prepared the SWPPP. He successfully completed the "Design of Storm Water Pollution Prevention Plans" training course sponsored by the University of Minnesota (Nov. 16-17, 2009, Mankato, MN) and recertification course (Jan. 20, 2016, St. Cloud, MN). His certification expires May 31, 2019.

The Contractor will be required to have a person designated and on the project site who has been trained and certified as either an Erosion/ Sediment Control Inspector/Installer or in Erosion/Sediment Control Site Management.

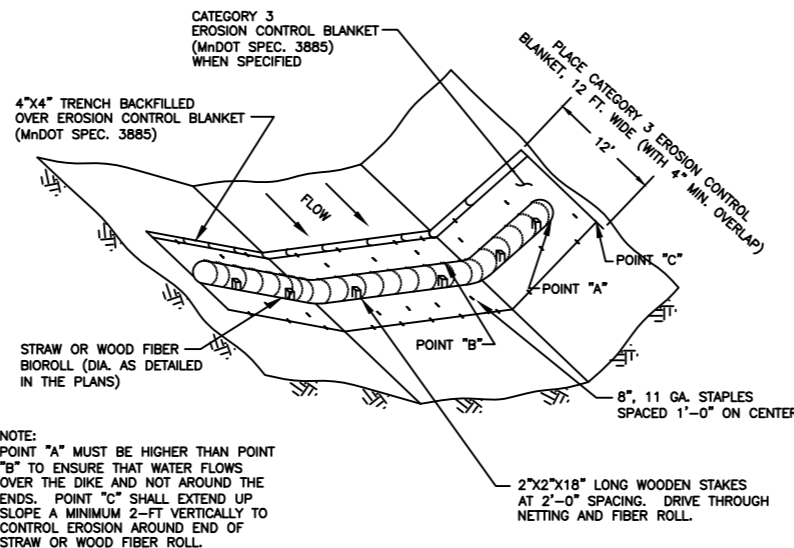
SILT FENCE NOTES:

WOOD POST SHALL BE A MINIMUM OF 1 1/2" x 1 1/2".

CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IS POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY, USE THE DETAIL SHOWN OR OTHER APPROVED METHOD.



SILT FENCE DETAIL
NOT TO SCALE

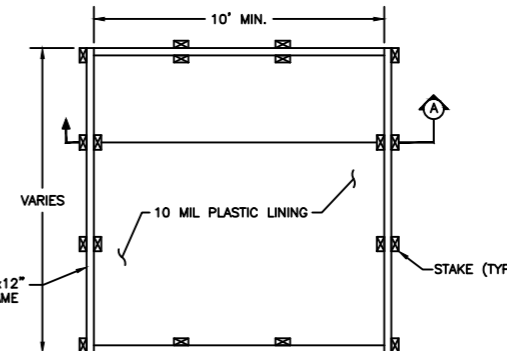


NOTE: POINT "A" MUST BE HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS. POINT "C" SHALL EXTEND UP SLOPE A MINIMUM 2-FT VERTICALLY TO CONTROL EROSION AROUND END OF STRAW OR WOOD FIBER ROLL.

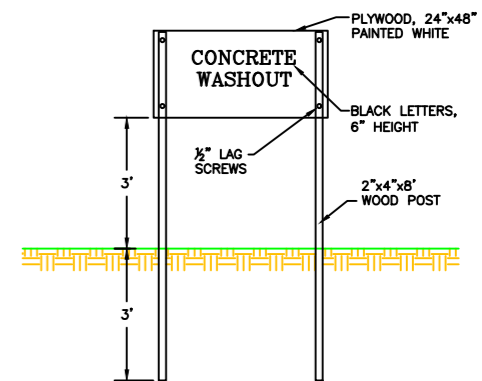
TEMPORARY DITCH CHECK DETAIL
NOT TO SCALE

NOTES

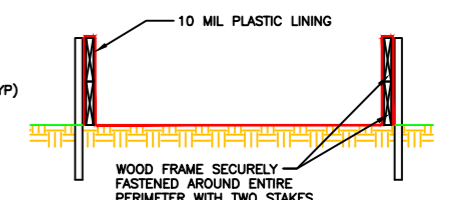
1. ACTUAL LAYOUT SHALL BE DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



CONCRETE WASHOUT PLAN VIEW
TYPE - ABOVE GRADE



CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



SECTION A-A

Revision Number	Sheet Number	Revisions	Date	By	Prepared By	Date
2	4 & 5	Changed 96" RCP to 10"x10" RCP	3/27/17	JS	James A. Streifel	3-30-2017
I hereby certify that this plan, specification or report was prepared by: James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359						

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 3-27-2017 SHEET NO. 15

PROJECT NO. MN-445-1
SANBORN LAKE
STORM WATER POLLUTION PREVENTION PLAN

DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLJ
CHECKED BY:
APPROVED BY:

DESIGN REPORT

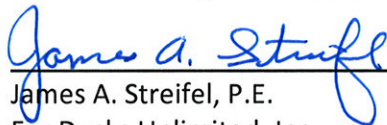
FOR

SANBORN LAKE - LeSUEUR COUNTY

DU-MN-445-1



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.



James A. Streifel, P.E.
For Ducks Unlimited, Inc.
License No. 47359

Date

12/2/2014

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I. INTRODUCTION

Sanborn Lake is a designated wildlife lake located in Le Sueur County. The lake designation gives the Minnesota Department of Natural Resources the right to manage water levels on the lake for the benefit of wildlife. The existing structure however does not have the capability of variable water level management and therefore no capability for drawing down the lake. An abundance of rough fish in the lake has caused water quality to become very turbid, which in turn prevents the growth of beneficial aquatic vegetation. The DNR would like to have the ability to temporarily draw down water levels, induce a winterkill of rough fish and re-establish wetland vegetation.

In 2010 Ducks Unlimited at the request of the Minnesota Department of Natural Resources prepared a feasibility study for the enhancement of Sanborn Lake. That report detailed the historic and existing hydrology, the re-routing of Sand Creek around Sanborn Lake via County Ditch 54, the existing structure hydraulics and recommendations for replacing the existing structure. Portions of that report will be included in this design report. The subwatersheds and peak flow estimates have been updated to reflect the results of using the USGS website (<http://water.usgs.gov/osw/streamstats/minnesota.html>) which features the online application *Minnesota StreamStats*. The application can be used to calculate estimated peak flowrates for the delineated watersheds.

The purpose of this design report is to outline the proposed structure hydraulics and include a HEC RAS analysis of County Ditch 54 and the Spur Ditch which connects Sand Creek.

II. ELEVATION AND SURVEY STATEMENT

Ducks Unlimited performed a topographic survey at Sanborn Lake in January of 2009. The control for the survey was performed using Trimble R6 survey grade GPS receivers by observing an OPUS (Online Positioning User Service) position which was occupied for 2 hours and sent to NGS (National Geodetic Survey) for solution on February 2, 2009. The horizontal coordinates established are UTM Zone 15 grid coordinates in US feet [NAD 83 (CORS 96)]. Vertical control was calibrated to Geoid 03 CONUS in the NAVD88. This OPUS position was checked vertically with MNDR bench mark stamped "DIETZ 1989" which is a Second Order Class I bench mark. We tied vertically to that mark within acceptable tolerances of 0.07 feet to an OPUS position. A check of a DNR Waters benchmark which was set 3/07/2002 at the public access on the North side of the lake was made by Ducks Unlimited. The benchmark is a slightly bent 3/8" x 8" spike, 1.1' above ground in East side of 3' oak tree and has a DNR listed elevation of 1031.02 on

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NGVD29. Ducks Unlimited shot the same point as elevation 1031.52 on NAVD88 for a difference of +0.50 feet above the DNR listed elevation for that mark.

Minnesota DNR Waters surveyed the existing outlet structure on 3/07/2002. The DNR elevation for the South (Left) 96" drop inlet riser's north edge is 1018.40 feet, DU shot that location at 1018.96 feet or 0.56 feet higher. The DNR elevation for the North (Right) 96" drop inlet riser's south edge is 1018.41 feet; DU shot that location at 1018.97 feet or 0.56 feet higher. The separation difference of the DNR survey and the information established by DU is approximately + 0.56 feet between the two surveys at the two 96" risers. The separation difference of the DNR survey at the public access bench mark of the 3/8" spike on the East side of a 3' oak tree is +0.50 feet.

For the purposes of this design report, all elevations shown will reference Ducks Unlimited survey and NAVD88 datum.



Figure 1. Existing Water Control Structure with Modified North Riser

III. SANBORN LAKE DATA AND EXISTING CONDITIONS

Sanborn Lake Data

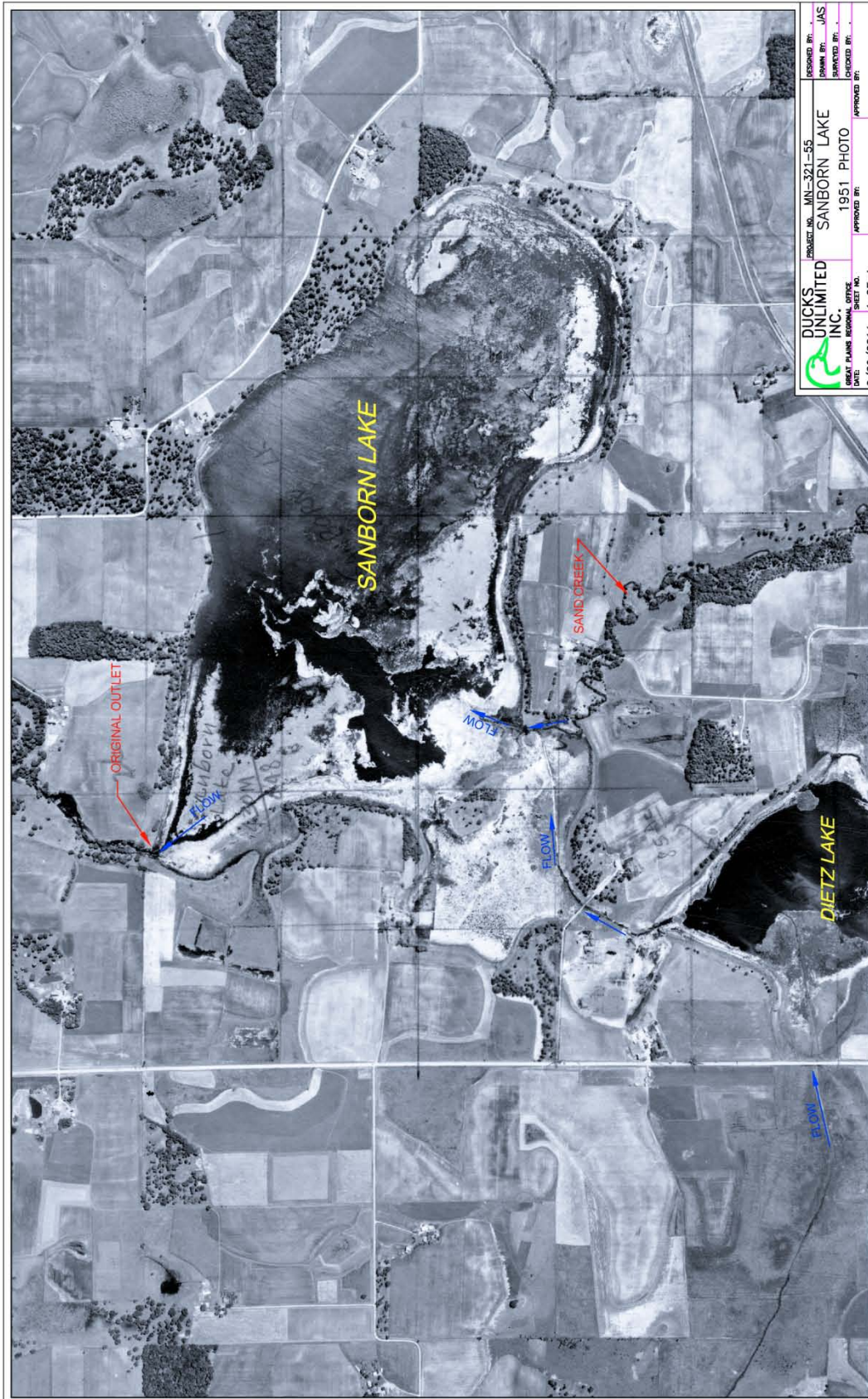
Existing Outlet - Dual 96" CMP Risers with 48" Barrels (Weir Length = 50.3')
OHW (Ordinary High Water) = Top of Existing Riser = 1018.96 (1988 Datum)
Proposed Full Service Level (FSL) = 1017.5 (1988 Datum)
Surface Area at FSL = 315 acres
Volume at FSL = 761 acre-feet
Bottom of Lake = 1014
Watershed = 3.63 square miles

Historically Sanborn Lake was situated at the bottom of a 52 square mile watershed with Sand Creek contributing most of the inflow. Sand Creek flowed into Sanborn Lake on the south side and flowed out through a natural channel located near the NW corner of the lake (**see page 4**). When County Ditch 54 was constructed, three 72" diameter corrugated metal risers with 54" diameter outlet barrels were installed to serve as the lake's outlet into the county ditch. Those structures were replaced with two 96" diameter corrugated metal risers with 48" diameter outlet barrels which now serve as the primary outlet structures. By excavating and routing County Ditch 54 along the west side of Sanborn Lake (**see page 5**), a portion of the 52 square mile watershed that flowed through Dietz Lake and then into Sanborn, was routed around Sanborn via the ditch. This resulted in reducing the size of the watershed by 14.6 square miles to 37.4 square miles.

In addition to County Ditch 54, a spur ditch (Spur No. 2) was excavated from the County ditch toward Sanborn Lake and the Sand Creek inlet. Sometime during the 1980's or 1990's, following a number of high runoff events, Spur No. 2 headcut back to and connected with Sand Creek. The result of this is that Sand Creek now flows directly into Spur No. 2 which joins County Ditch 54, bypassing Sanborn Lake entirely. This effectively again reduced the size of the watershed into Sanborn from 37.4 square miles to 3.63 square miles. The bottom elevation of Sand Creek where it joins Spur No. 2 is now lower than Sanborn Lake and its historic inlet is at times functioning as an outlet. Water will begin flowing out of Sanborn and into Spur Ditch No. 2 at an approximate elevation of 1017.5. This is also the approximate elevation of a notch that has been cut into the north 96" diameter riser. During high runoff events, water can still flow into Sanborn Lake from Sand Creek. A HECRAS analysis was performed on the Spur No. 2 reach from Sand Creek to County Ditch 54 and County Ditch 54 reach from Spur No. 2 to the outlet of Sanborn Lake.

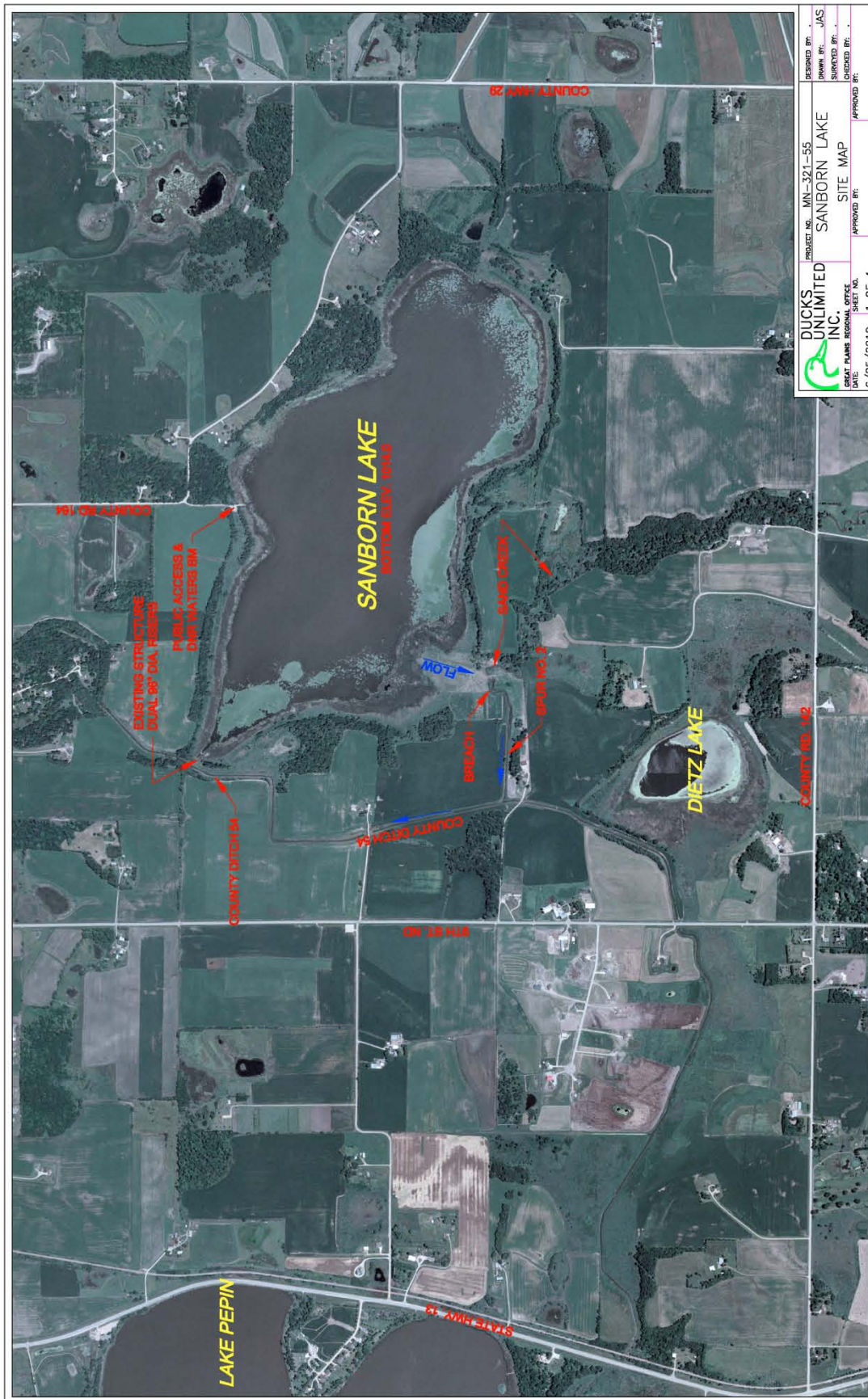
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Figure 2. Sanborn Lake flowing into Sand Creek



Figure 3. Sanborn Lake flowing South toward Sand Creek



Figure 4. Spur No. 2 flowing toward County Ditch 54



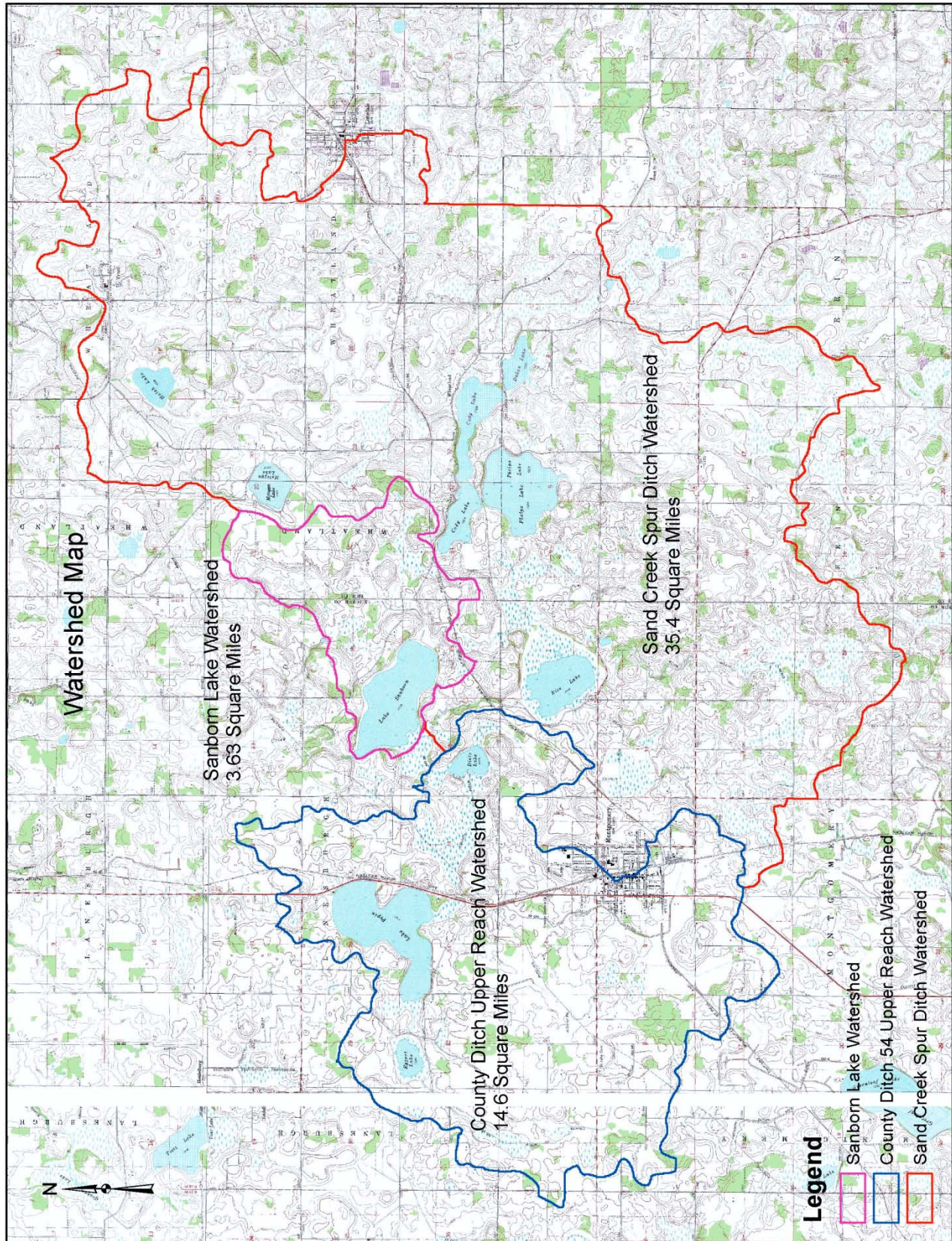
Figure 5. County Ditch 54 Downstream of 96" Risers

With the construction of County Ditch 54 and Sand Creek now flowing directly into Spur No. 2, the direct watershed into Sanborn Lake has been reduced from 52 square miles to 3.63 square miles. This major change of watershed and inflows has dramatically altered how Sanborn Lake now functions. Even with the reduction in the size of the contributing watershed, the lake level appears to remain relatively high as evidenced by observed water levels. Perhaps the most dramatic change is that water can now flow out of what had previously been the inlet channel. If left unaddressed, this new outlet can eventually headcut its way back into the lake and potentially drain lake levels.

The current watersheds for Sanborn Lake, Sand Creek and County Ditch 54 are shown on page 7 of this report. "Minnesota StreamStats" was used to estimate the peak flowrates for each of the subwatersheds. These flowrates were then used evaluate the hydraulic conditions in both Spur Ditch 2 and County Ditch 54. The peak flowrates for each of the subwatersheds are shown in Table 1.

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Events	Existing Sanborn Watershed	Sand Creek at Spur Ditch No. 2	County Ditch 54 - Upper Reach
1-Year	32.5 cfs	118 cfs	53.2 cfs
2-Year	43.0 cfs	162 cfs	72.1 cfs
5-Year	75.4 cfs	300 cfs	131 cfs
10-Year	101 cfs	416 cfs	181 cfs
25-Year	139 cfs	589 cfs	254 cfs
50-Year	171 cfs	737 cfs	318 cfs
100-Year	208 cfs	907 cfs	390 cfs

Table 1. Peak Flow Estimates from StreamStats

The peak flow estimates were used as input data for a Steady State HECRAS analysis on the Spur Ditch and County Ditch 54. The analysis determined water surface elevations for each of the flowrates at various sections along the ditch channels. These water surface profiles were then used to estimate the flow capacity of each of the channels. The results shown in the tables below are for one cross section each along Spur No. 2 and County Ditch 54. Figure 9 can be referenced for station information used in the HECRAS model.

River	Reach	Station	Profile	Q Total (cfs)	Min. Ch. Elev.	Water Surface Elev.	Left Overbank Elev.	Right Overbank Elev.
Sand Cr.	Spur Dt.	5	1-Year	118	1013.3	1016.53	1018.63	1019.2
Sand Cr.	Spur Dt.	5	2-Year	162	1013.3	1017.61	1018.63	1019.2
Sand Cr.	Spur Dt.	5	5-Year	300	1013.3	1019.93	1018.63	1019.2

Table 2. Water Surface Elevations at Section 5 of Spur No. 2

River	Reach	Station	Profile	Q Total (cfs)	Min. Ch. Elev.	Water Surface Elev.	Left Overbank Elev.	Right Overbank Elev.
Dt. 54	Lower	9	1-Year	171	1011.4	1015.71	1021.3	1020
Dt. 54	Lower	9	2-Year	234	1011.4	1016.72	1021.3	1020
Dt. 54	Lower	9	5-Year	431	1011.4	1019.84	1021.3	1020
Dt. 54	Lower	9	10-Year	597	1011.4	1023.49	1021.3	1020

Table 3. Water Surface Elevations at Section 9 of County Ditch 54

Using the water surface profile information from Table 2, the flowrate at which water begins to overflow the banks of Spur No. 2, is approximately 220 cfs. At a flowrate of approximately 160 cfs, water from Sand Creek will begin to flow back into Sanborn Lake. As flowrates increase, the area north of Spur No. 2 will be inundated and more water will back into the lake. County Ditch 54 will also overtop it's banks north of Spur No. 2.

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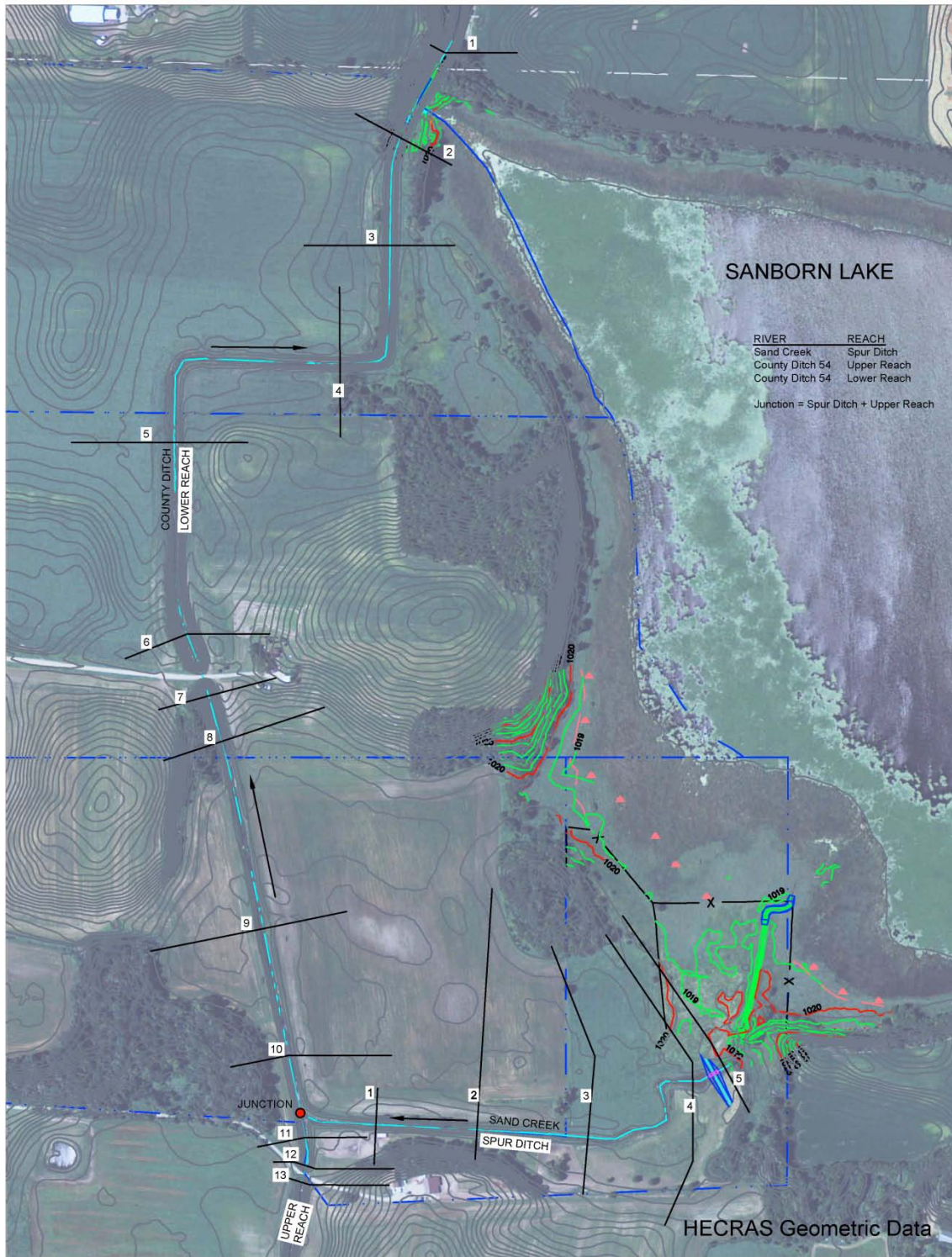


Figure 9. HEC RAS Geometric Data

IV. DESIGN

The design objectives for the Sanborn Lake project are to replace the existing water control structure with one capable of variable level water management and to prevent water from flowing south out of the lake into Sand Creek and the Spur Ditch. The new structure will be designed to accommodate the current watershed of 3.63 square miles instead of the Sand Creek watershed which historically contributed to Sanborn.

A. Existing Structure and Outlet

As was discussed previously, the existing outlet for Sanborn Lake has been altered from when the original structure was installed and County Ditch 54 excavated. The existing primary outlet is now an open channel which flows out to the south at an approximate elevation of 1017.5 and discharges into the spur ditch. The secondary outlet is the dual 96" diameter risers with 48" diameter outlet barrels. One of the risers has been modified with a notch cut into the north riser to lower the outlet elevation to 1017.55.

To model the existing and proposed conditions, *HydroCAD 10.0* stormwater modeling software was used. *HydroCAD* incorporates the NRCS TR-20 runoff method to produce runoff hydrographs for various design storms. The hydrographs were routed through the lake and water control structures. This yielded outflow hydrographs that determined peak discharge rates at maximum lake elevations corresponding to the various runoff events. As a comparison to the proposed design hydraulics, the existing conditions were modeled for the original unaltered outlet and the altered or modified outlet conditions. The original conditions assume that all inflows are passing through the two 96" diameter risers with a starting water surface elevation of 1018.96. The existing conditions were modeled with the south channel as the primary outlet and the modified 96" risers as the secondary outlet. The existing runout elevation of 1017.5 was assumed as the starting water surface elevation for the existing conditions. The model did not consider inflows contributing from Sand Creek.

The results for the original and existing conditions are shown in tables 4 and 5.

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Watershed Area = 2,325 acres (3.63 square miles)
 CN = 70 TOC = 97.5 minutes AMC = 2
 24 Hr. Rainfall Depths (LeSueur County, MN) from "NOAA Atlas 14, Volume 8, Version 2" by U.S. Weather Bureau
 1 - Year = 2.48" 10 - Year = 4.24" 100 - Year = 7.17"
 2 - Year = 2.86" 25 - Year = 5.28"
 5 - Year = 3.57" 50 - Year = 6.18"

	Inflow (cfs)	Outflow (cfs)	Elevation (feet)	Storage (acre-feet)
1-Year	286	14.4	1019.15	1336
2-Year	444	23.2	1019.23	1366
5-Year	801	45.2	1019.38	1426
10-Year	1193	71.5	1019.53	1487
25-Year	1869	121.5	1019.78	1589
50-Year	2497	173.8	1020.00	1682
100-Year	3218	239.9	1020.25	1789

Starting elevation of Sanborn Lake was assumed to be 1018.96 at the start of each event.

Table 4. Existing Conditions - Original Structure Rating Table.

Watershed Area = 2,325 acres
 CN = 70 TOC = 97.5 minutes AMC = 2
 24 Hr. Rainfall Depths (LeSueur County, MN) from "NOAA Atlas 14, Volume 8, Version 2" by U.S. Weather Bureau
 1 - Year = 2.48" 10 - Year = 4.24" 100 - Year = 7.17"
 2 - Year = 2.86" 25 - Year = 5.28"
 5 - Year = 3.57" 50 - Year = 6.18"

Event	Inflow (cfs)	Outflow (cfs)	Primary Ditch (cfs)	Secondary 96" Risers (cfs)	Elevation (feet)
1-Year	286	1.8	1.3	0.5	1017.77
2-Year	444	2.8	1.8	0.9	1017.88
5-Year	801	6.6	4.6	2.1	1018.11
10-Year	1193	12.6	9.2	3.5	1018.34
25-Year	1869	28.9	22.8	6.2	1018.71
50-Year	2497	53.0	42.9	10.2	1019.02
100-Year	3218	109.3	71.4	37.9	1019.32

Starting elevation of Sanborn Lake was assumed to be 1017.5 at the start of each event.

Table 5. Existing Conditions - Modified Structure and Outlet Rating Table

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B. Sanborn Lake Design Outlet Structure

The proposed water control structure is a three sided sheet pile box weir with a 36" diameter steel pipe outlet barrel. The total weir length of the structure will be 17.75' with a crest elevation of 1017.5. A 4' wide stoplog bay will provide water level management down to elevation 1014.0. The existing structure will be removed and the proposed structure installed in its place.

The input data, assumptions and model results for the design conditions are shown in Table 2. It was assumed that Sanborn Lake was at elevation 1017.5 at the state of each runoff event.

<i>Watershed Area = 2,325 acres</i>				
<i>CN = 70 TOC = 97.5 minutes AMC = 2</i>				
<i>24 Hr. Rainfall Depths (LeSueur County, MN) from "NOAA Atlas 14, Volume 8, Version 2" by U.S. Weather Bureau</i>				
<i>1 - Year = 2.48" 10 - Year = 4.24" 100 - Year = 7.17"</i>				
<i>2 - Year = 2.86" 25 - Year = 5.28"</i>				
<i>5 - Year = 3.57" 50 - Year = 6.18"</i>				
	Inflow (cfs)	Outflow (cfs)	Elevation (feet)	Storage (acre-feet)
1-Year	286	7.4	1017.75	836
2-Year	444	12.3	1017.85	869
5-Year	801	24.5	1018.06	939
10-Year	1193	39.33	1018.27	1011
25-Year	1869	67.5	1018.61	1132
50-Year	2497	95.7	1018.91	1241
100-Year	3218	103.7	1019.27	1381
<i>Starting elevation of Sanborn Lake was assumed to be 1017.5 at the start of each event.</i>				

Table 6. Design Structure Rating Table

To prevent water from flowing south out of Sanborn Lake and into Sand Creek, the existing south outlet ditch will have to be plugged. By plugging the ditch, discharge will be controlled at the primary outlet structure and directly into County Ditch 54. The ditch plug will be located at the south end of Sanborn Lake and tie into the existing ground at elevation 1019.0.

C. County Ditch 54 Crossing

For access to the water control structure, the DNR has requested that a crossing be installed on County Ditch 54 in the vicinity of the structure. The DNR now owns the property located on the west side of the ditch and would access from off 9th Street.

Sanborn Lake Design Report

Ducks Unlimited, Inc.

There are two ditch crossings upstream of the proposed crossing. The first crossing upstream is a 96" CMP and the next crossing is an 84" CMP. The second crossing is located just upstream of where the Spur Ditch enters County Ditch 54.

The proposed crossing is a 96" RCP with sloped end sections. The top elevation of the crossing will be 1024.0 with a top width of 16'. The culvert hydraulics for the proposed crossing are shown in Table 1.

	Headwater Elevation (ft)	Total Fow (cfs)	96" RCP Discharge (cfs)	Overtopping Crossing (cfs)
1-Year	1014.78	171	171	0.0
2-Year	1015.68	234	234	0.0
5-Year	1018.14	431	431	0.0
10-Year	1020.38	597	597	0.0
25-Year	1024.37	843	801	42
50-Year	1025.07	1055	831	224
100-Year	1025.65	1297	856	441

Crossing begins to overtop at 784 cfs. Upstream crossing capacity would control.

Table 7. 96" Diameter RCP Rating Table.

D. Spur Ditch Crossing

The crossing over the Spur Ditch on property owned by Dave Peterson is a 72" CMP. This pipe has caused problems in the past and some erosion has occurred on the downstream side during periods of high flow. It is desired to continue use of this crossing and upgrade the culvert capacity. It is proposed that the culvert be replaced with a 9'-4" x 6'-3" cmp multi-plate pipe-arch. The multi-plate would more effectively handle the anticipated flows in Sand Creek.

Headwater Elevation (ft)	Total Fow (cfs)	CMP Multi Plate Discharge (cfs)	Crossing Discharge (cfs)	Comment
1013.74	10	10	0.0	
1014.31	25	25	0.0	
1014.96	50	50	0.0	
1016.24	100	100	0.0	
1017.49	150	150	0.0	
1018.74	200	200	0.0	
1020.20	250	250	0.0	TW Controls
1020.26	300	300	0.0	TW Controls

Spur Ditch capacity is approximately 220 cfs.

Table 8. CMP Multi-Plate, Spur Ditch Crossing Rating Table.

V. Conclusion and Recommendations

The hydraulic conditions at Sanborn Lake have greatly changed since the construction of County Ditch 54. What once was a 52 square mile watershed contributing to Sanborn Lake is now 3.63 square miles. Sand Creek now flows directly into County Ditch 54 and around Sanborn Lake expect during higher runoff events when water can backup into the lake. The original structure, in addition to not providing variable water level management, is a safety concern for the Minnesota DNR due to the lack of trash guards.

The proposed project would replace the existing structure with on more suited to the existing conditions and allow the DNR to manage the lake for the benefit of wildlife. By blocking the south channel or ditch, outflow from Sanborn would no longer flow into Spur No. 2 but out through the new structure. As it exists now, the south ditch is acting as the primary outlet and routing additional flows into Sand Creek and the lower reach of County Ditch 54.

VI. DESIGN ADDENDUM

To model the entire watershed system including Ditch 54, Spur Ditch and Sanborn Lake water control structure, the HEC RAS and HydroCAD models were revised to include some additional elements. The HEC RAS results for Ditch 54 and the Spur Ditch were the used in conjunction with the HydroCAD model to route the flood hydrographs through Sanborn Lake to determine lake elevations for each of the runoff events. Even though the Spur Ditch now routes a portion of the inflows directly into Ditch 54, water surface profiles still rise to an elevation which then splits inflows and routes them through the existing water control structure. The revised model will take this into consideration to better represent the effects of the proposed versus existing conditions.

As part of the revised model, the proposed water control structure for Sanborn Lake included an increased size of the outlet barrel from 36" diameter to 48" diameter. The proposed weir length and full service level remained the same.

Because the TR-20 runoff method used in HydroCAD produces results considerably higher than those estimated in the regression equations, the Curve Number and Time of Concentration input variables were modified to produce similar runoffs to those of the regression equations. The modified TR-20 input variables and the resulting peak discharge rates are shown in Table 2 below for each of the subwatersheds. Table 1 shows the previously used peak flow estimates from the regression equations developed by using "StreamStats".

Events	Existing Sanborn Watershed	Sand Creek at Spur Ditch No. 2	County Ditch 54 - Upper Reach
1-Year	32.5 cfs	118 cfs	53.2 cfs
2-Year	43.0 cfs	162 cfs	72.1 cfs
5-Year	75.4 cfs	300 cfs	131 cfs
10-Year	101 cfs	416 cfs	181 cfs
25-Year	139 cfs	589 cfs	254 cfs
50-Year	171 cfs	737 cfs	318 cfs
100-Year	208 cfs	907 cfs	390 cfs

Table 1. Peak Flow Estimates from StreamStats

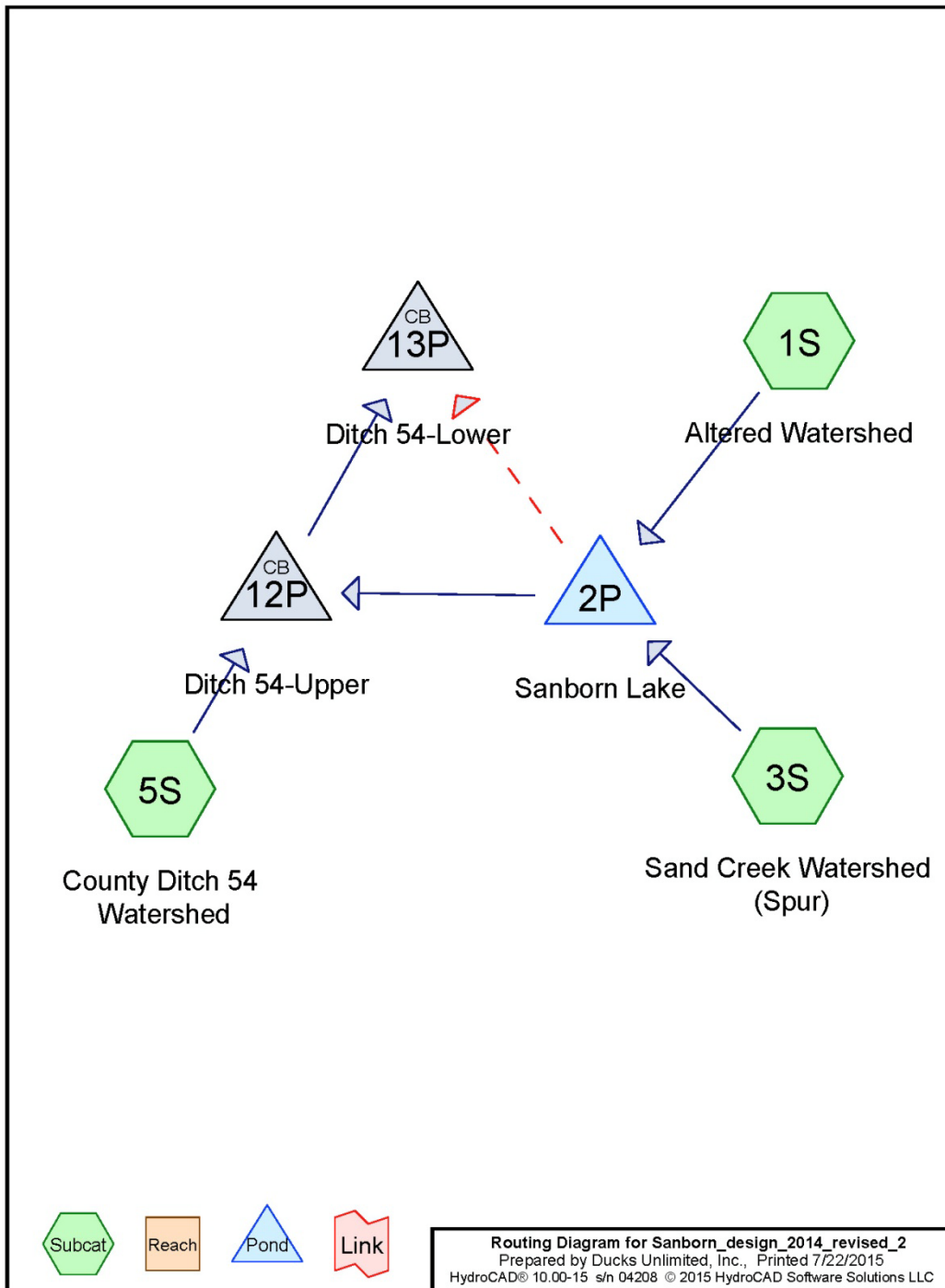


Figure 1. HydroCAD Routing Diagram

Sanborn Lake Design Report

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Altered Sanborn Lake Watershed - Area = 2,325 acres, CN = 60, AMC = 2
Sand Creek Watershed to Spur - Area = 22,656 acres, CN = 55, AMC = 2
Ditch 54 Upper Reach Watershed - Area = 9,344 acres, CN = 55, AMC = 2
24 Hr. Rainfall Depths from NOAA Atlas 14, Volume 8, Version 2 by U.S. Weather Bureau

Events	Existing Sanborn Watershed		Sand Creek at Spur Ditch Watershed		Count Ditch 54 Watershed	
	TOC (minutes)	Q (cfs)	TOC (minutes)	Q (cfs)	TOC (minutes)	Q (cfs)
1-Year	425	33	750	118	630	52
2-Year	750	44	1,350	163	1,185	73
5-Year	950	75	1,800	298	1,650	132
10-Year	1,200	101	2,250	416	2,075	182
25-Year	1,500	141	2,830	589	2,700	255
50-Year	1,780	171	3,325	738	3,175	317
100-Year	1,935	210	3,750	908	3,600	390

Table 2. Modified TR-20 Variables and Peak Discharge

Water surface profiles for Ditch 54 and the Spur Ditch were determined in the HEC RAS model and used as a user defined stage discharge for the ponds shown on the HydroCAD model diagram. The results of the HydroCAD model are shown in the tables 3 and 4 below.

A. Sanborn Lake Existing Conditions - Routing Results

	Inflow (cfs)	Spur Ditch Flow (cfs)	Structure Flow (cfs)	Elevation (feet)
1-Year	139	121	8	1019.09
2-Year	186	186	12	1019.13
5-Year	327	211	43	1019.37
10-Year	454	228	100	1019.68
25-Year	646	252	208	1020.13
50-Year	802	271	300	1020.48
100-Year	972	297	312	1020.95

Starting elevation of Sanborn Lake was assumed to be 1018.96 at the start of each event.

Table 3. Stage Discharge for Existing Conditions

Sanborn Lake Design Report

Ducks Unlimited, Inc.

B. Sanborn Lake Design Conditions - Routing Results

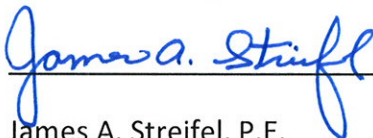
	Inflow (cfs)	Spur Ditch Flow (cfs)	Structure Flow (cfs)	Elevation (feet)
1-Year	139	136	1	1017.65
2-Year	186	139	4	1017.76
5-Year	327	158	38	1018.36
10-Year	454	191	95	1019.0
25-Year	646	232	180	1019.76
50-Year	802	263	195	1020.34
100-Year	972	297	205	1020.95

Starting elevation of Sanborn Lake was assumed to be 1017.5 at the start of each event.

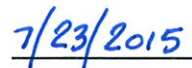
Table 4. Stage Discharge for Design Conditions

Given the proposed lower operating level on Sanborn Lake from the existing risers, the peak elevation of the 100-year event turns out to be similar. Discharge through the primary is less than the existing structure but the increased storage results in the same peak elevation.

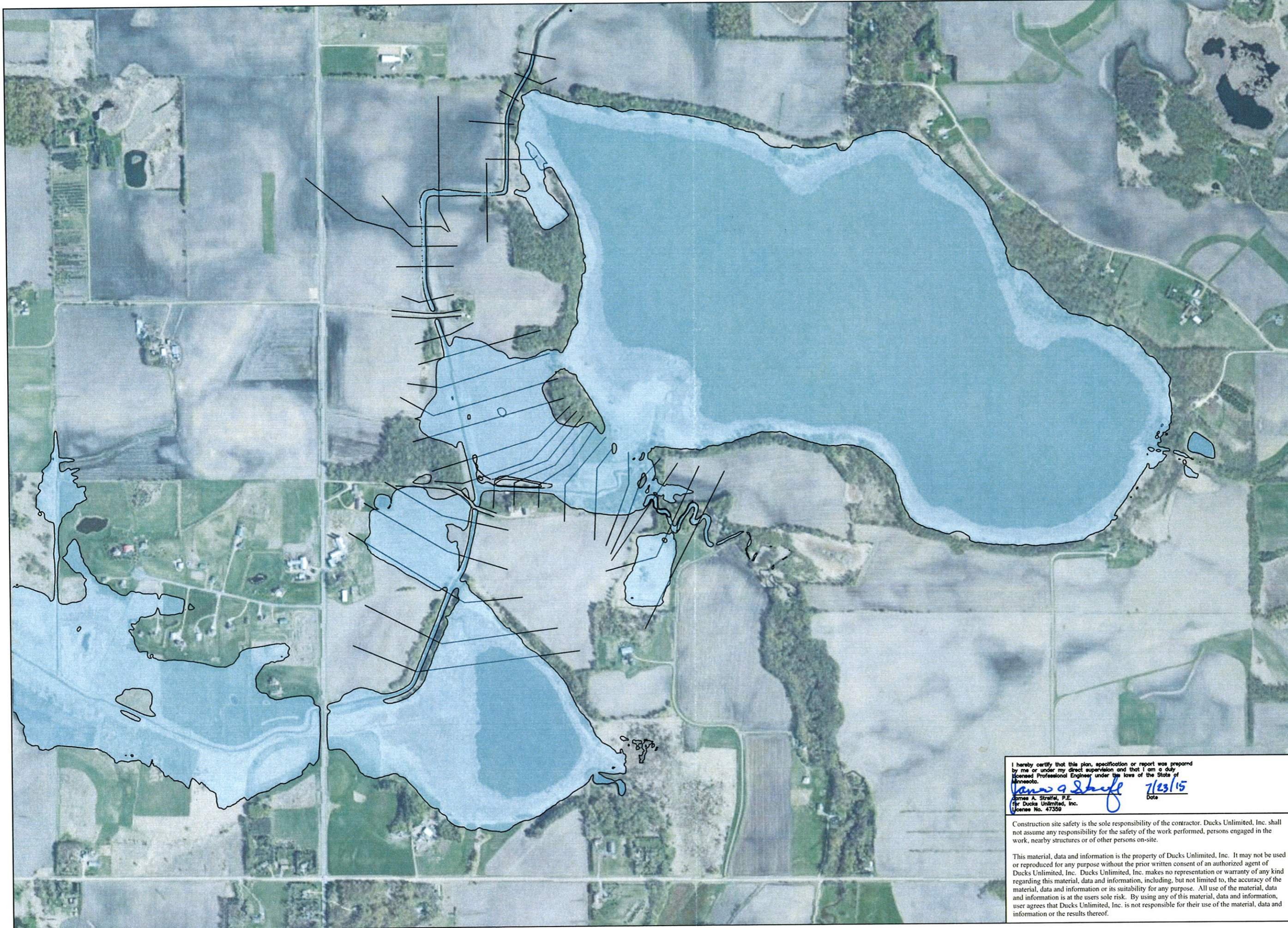
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.



James A. Streifel, P.E.
For Ducks Unlimited, Inc.
License No. 47359



Date



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.
James A. Straifal 7/23/15
 James A. Straifal, P.E.
 For Ducks Unlimited, Inc.
 License No. 47359

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Global Leader in Wetlands & Wildlife Conservation
GREAT LAKES/ATLANTIC REGIONAL OFFICE
 ANN ARBOR, MICHIGAN (734) 623-2000
 BISMARCK, NORTH DAKOTA (701) 355-3500



DUCKS UNLIMITED

SANBORN LAKE
 100-YEAR
 PEAK ELEVATION

Revision No.	By	Date	Revisions	Sheet
1	x	x	x	x
2	x	x	x	x
3	x	x	x	x
4	x	x	x	x
5	x	x	x	x
6	x	x	x	x
7	x	x	x	x
8	x	x	x	x
9	x	x	x	x
10	x	x	x	x

CAD FILE:
 DESIGNED BY: JS
 DRAWN BY: JS
 SURVEYED BY: GLA, MLO
 BOOK NO. -
 DATE:
 7-22-2015
 PROJECT NO.:
 US-MN-445-1
 GLARO-000-000-00

STATE OF MINNESOTA
LE SUEUR COUNTY BOARD OF COMMISSIONERS
SEATED AS DRAINAGE AUTHORITY UNDER STATUTES CHAPTER 103E
FOR LE SUEUR COUNTY DITCH 54

Regarding the Petition of the Minnesota Department of Natural Resources for the Modification of Le Sueur County Ditch 54 (Minnesota Statutes, Section 103E.227)

**Petition for Impoundment, Rerouting,
and Diverting Water**

For the petition to impound, reroute, and divert water on Le Sueur County Ditch 54 ("CD 54"), the Minnesota Department of Natural Resources (DNR) state and allege the following:

Part 1: General Statement of Facts and Conditions:

1. Sanborn Lake is a designated wildlife lake located in Le Sueur County. The lake designation gives the DNR authority to manage water levels on the lake for the benefit of wildlife.
2. The outlet of Sanborn Lake is a structure which is part of CD 54. The establishment of CD 54 included the Sanborn Lake outlet structure and the conditions created by it.
3. The existing structure, however, does not have the capability of variable water level management as desired for wildlife and lake management benefit. As a result, rough fish in Sanborn Lake degrade water quality and prevent the growth of beneficial aquatic vegetation. The DNR would like to have the ability to temporarily draw down lake levels in order to induce winterkill of rough fish and encourage or reestablish the growth of beneficial wetland vegetation.
4. In 2010 Ducks Unlimited (DU), at the request of DNR prepared a feasibility study for the enhancement of Sanborn Lake. That report detailed the historic and existing hydrology, the re-routing of Sand Creek around Sanborn Lake via CD 54, and the proposed modification of the CD 54 outlet structure on Sanborn Lake.
5. Historically, Sanborn Lake was situated at the bottom of a 52 square mile watershed, with Sand Creek contributing most of the inflow to the lake. Sand Creek flowed into Sanborn Lake from the south and flowed out through a natural channel in the northwest corner of the lake. Construction of CD 54, bypassing Sanborn Lake, reduced the area draining to Sanborn Lake to approximately 37 square miles. Sometime following construction of CD 54, Sand Creek, south of Sanborn Lake, connected with spur 2 of CD 54. Although the design plans for CD 54 do not include this connection, this connection has existed for roughly 30 years and has become part of the anticipated function of CD 54, thus, for around 30 years, flows from Sand Creek have by-passed Sanborn Lake.
6. The connection of Sand Creek to spur 2 of CD 54 effectively reduced the contributing watershed of Sanborn Lake from 37 to 4 square miles. The bottom elevation of Sand Creek

where it currently joins spur 2 is now lower than Sanborn Lake and, in time of high water, serves as a second outlet for Sanborn Lake.

7. The DNR desires to modify the current configuration, alignment and function of CD 54 in order to (1) improved hydraulic inputs to Sanborn Lake, and (2) provide a dynamic outlet which will allow for active management of water levels in Sanborn Lake for wildlife and ecological purposes. These modifications are proposed pursuant to Minnesota Statutes 103E.227 (the "Project").
8. Concept and design plans for the Project, along with a Design Report, prepared by DU, are included on file with the drainage authority and its engineer.

Part 2: Petition for Impoundment and Diversion of Drainage System Waters:

9. Minnesota Statutes, Section 103E.227 allows any person, public or municipal corporation, governmental subdivision, the state or a department or agency of the state or federal government to petition to impound or divert drainage system waters for beneficial use. Beneficial uses can include wetland preservation or restoration, wildlife enhancements or creation of water quality improvements or flood control.
10. The DNR has worked cooperatively with the Drainage Authority in the preparation and submission of this petition.
11. Specifically, the petitioners propose the following:
 - a. Alter the direct channel connection from Sanborn Lake with spur 2 of CD 54 which is creating the secondary outlet. This will establish the existing watershed of Sanborn Lake, and allow for periodic water level management.
 - b. Modify the CD 54 outlet of Sanborn Lake to provide for lake level management and allow the Minnesota DNR Section of Wildlife the ability to operate the water control structure in accordance with an approved comprehensive management plan.
 - c. Given the current condition of the CD 54 outlet structure, the DNR requests that the Drainage Authority consider funding a portion of the costs of the construction and installation of the proposed outlet structure from drainage system funds as a separable repair.
 - d. Petitioners acknowledge that the cost of future operation and maintenance of the proposed drainage system modifications shall be paid for by the petitioners.
12. The Project does impact public waters, and all required public waters work and water use permits shall be acquired by the DNR. Further, the DNR acknowledges its obligation to secure other required regulatory approval.

13. Because the DNR is a unit of government, no bond or similar surety is required to be submitted with this petition.
14. The proposed modification will be of a public and private benefit. The public benefits of the Project result from the restoration and management of Sanborn Lake in the Project area.
15. For the foregoing reasons, Petitioners request the following:
 - a. That the Drainage Authority appoint an engineer as required by Minnesota Statutes, Section 103E.227, subdivision 3, in order to investigate the effect of the proposed project and file a report of findings.
 - b. Following the filing of the engineer's report that proper notice be given to impacted parties and a public hearing held as provided in Minnesota Statutes, Section 103E.261.
 - c. That following said hearing, the drainage authority issue an order modifying the drainage system, to include an amount of drainage system funds approved for the Project, and authorize the Project as outlined in this Petition.
16. This petition is submitted with the understanding that the Drainage Authority will process it in accordance with Minnesota Statutes, Section 103E.227, subdivision 3 including, but not limited to, providing notice and holding the required public hearing.
17. This petition may be executed in counterparts.
18. The undersigned acknowledge full authority of their respective organizations or units of government to execute this petition and bind their entities to the requirements of Minnesota Statutes Chapter 103E.

Respectfully Submitted,

*JD
5/18/17*



James T. Leach, Director, Division of Fish and Wildlife
Minnesota Department of Natural Resources

Date: 5-18-17

Le Sueur County

2018 Public Transit Grant

Resolved that Le Sueur County, in conjunction with Blue Earth County and Nicollet County, enters into an Agreement with VINE Faith in Action to provide transportation in Blue Earth, Nicollet, and Le Sueur Counties.

Further resolved that Le Sueur County, in conjunction with Blue Earth County and Nicollet County, agrees to provide a local share of 15 percent of the total operating cost and 20 percent of the total capital costs.

Further resolved that Le Sueur County, in conjunction with Blue Earth County and Nicollet County, agrees to provide 100 percent of the local share necessary for expenses that exceed funds available from the State.

Further resolved that Le Sueur County authorizes the County Administrator and/or Board of Commissioner's Chair to execute the aforementioned Agreement and any amendments thereto.

CERTIFICATION

I hereby certify that the foregoing resolution is a true and correct copy of the resolution presented to and adopted by Le Sueur County in Action at a duly authorized meeting thereof held on June 6, 2017.

Signature

Date

Notary _____



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 12

Commissioner Committee Reports

Staff Contact:



Le Sueur County, MN

Tuesday, June 6, 2017

Board Meeting

Item 13

Future Meetings

Staff Contact:

Future Meetings

June - July 2017

June 6, 2017	Board Meeting, 9:00 a.m. 9:00 a.m. 2017-2021 CIP Public Hearing 10:00 a.m. German-Jefferson Ordinance Public Hearing
June 7, 2017	AMC District 7 Meeting, 8:00 a.m. at the McLeod County Fairgrounds in Hutchinson, MN
June 8, 2017	P&Z Meeting, 7:00 p.m. Environmental Services Building
June 13, 2017	No Board Meeting
June 14, 2017	Board of Equalization Meeting, 6:30 p.m.
June 15, 2017	Board of Adjustment Meeting, 3:00 p.m. Environmental Services Building
June 20, 2017	Board Meeting, 9:00 a.m. Blighted Properties Workshop ATV – Golf Cart Workshop
June 27, 2017	Board Meeting, 9:00 a.m. Reconvene Board of Equalization, 10:00 a.m. BKV / Justice Center Workshop
July 4, 2017	Independence Day – Offices Closed No Board Meeting
July 11, 2017	Board Meeting, 9:00 a.m.
July 13, 2017	P&Z Meeting, 7:00 p.m. Environmental Services Building
July 18, 2017	Board Meeting. 9:00 a.m. CHB Meeting, 1:00 p.m. in Waterville
July 20, 2017	Board of Adjustment Meeting, 3:00 p.m. Environmental Services Building
July 25, 2017	Board Meeting, 9:00 a.m.