



**LE SUEUR COUNTY BOARD OF COMMISSIONERS
MEETING AGENDA
COMMISSION CHAMBERS
October 6, 2015**

1. **9:00 am Agenda and Consent Agenda**
RE: September 22, 2015 Minutes and Summary Minutes
RE: Liquor Licenses
RE: CD #34 Repair Request

2. **9:05 am Claims (10 min)**

3. **9:15 am Kelly Robinson (15 min)**
RE: Paving County Road 143

4. **9:30 am Bruce Kimmel, Ehlers (30 min)**
RE: Sulp and Refunding

5. **10:00 am Ducks Unlimited (30 min)**
RE: Sanborn Lake

6. **10:30 a.m. Human Resources (10 min)**

7. **10:40 am Dave Tietz, Sheriff (5 min)**
RE: OHV Enforcement Grant Program Contract

8. **10:45 am Jeff Neisen, MIS (5 min)**

RE: Syntax Maintenance Agreement

9.

10:50 am Darrell Pettis

RE: Data Services Resolution

RE: CD #38

RE: CD #16 Redetermination of Benefits Public Hearing

RE: JD #1 Lat 2

RE: CD # 58 Bid Opening on October 23

RE: Lake Emily Siren

RE: Emergency Management Grant

RE: Transit

RE: Scott-Le Sueur General information ditch workshop on Oct. 28

10.

Future Meetings



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 1

9:00 am Agenda and Consent Agenda

RE: September 22, 2015 Minutes and Summary Minutes

RE: Liquor Licenses

RE: CD #34 Repair Request

Staff Contact:

Minutes of Le Sueur County Board of Commissioners Meeting September 22, 2015

The Le Sueur County Board of Commissioners met in regular session on Tuesday, September 22, 2015 at 9:00 a.m. in the Courthouse at Le Center, Minnesota. Those members present were: Steve Rohlffing, Lance Wetzel, Dave Gliszinski, John King and Joe Connolly. Darrell Pettis and Brent Christian were also present.

On motion by Connolly, seconded by Rohlffing and unanimously approved, the Board approved the amended agenda for the business of the day.

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

- Approved the September 15, 2015 County Board Minutes and Summary Minutes
- Approved the CD #38 Repair Request

Pam Simonette, Auditor-Treasurer appeared before the Board with one item for consideration.

On motion by Connolly, seconded by King and unanimously approved, the Board approved an Over/Under Policy for the License Bureau.

Justin Lutterman, GIS appeared before the Board with one item for discussion.

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

On motion by Rohlffing, seconded by Gliszinski and unanimously approved, the Board approved the recommendation to grant regular status to Laura De Loach, full time Eligibility Worker, in Human Services, effective September 23, 2015. Laura has completed the six-month probationary period. Deb Serich, Financial Assistance Supervisor I, recommends granting regular status to Laura.

On motion by Connolly, seconded by King and unanimously approved, the Board approved the recommendation to promote Meghan Houlihan to a full time, regular Sheriff Administrative Assistant in the Sheriff's Office, as a Grade 6, Step 1 at \$17.07 per hour, effective October 5, 2015.

On motion by Gliszinski, seconded by Connolly and unanimously approved, the Board approved the recommendation to advertise for a part time Deputy Sheriff, as a Grade 10, Step 1 at \$21.55 per hour. The position was held by Leroy Thelemann who recently passed away. The position duties involve boat and water, transports and other duties as needed.

On motion by King, seconded by Rohlffing and unanimously approved, the Board approved the recommendation to approve the Public Employees Retirement Association - Police Officer Declaration for Jamie Scherf.

On motion by King, seconded by Rohlfig and unanimously approved, the Board approved the recommendation to extend the Employment Agreement between Le Sueur County and Darrell Pettis to serve as the County Administrator/County Engineer, effective September 30, 2015.

On motion by King, seconded by Gliszinski and unanimously approved, the Board approved the recommendation to approve the 2016 employer contribution of \$846.30 per month to all benefits eligible employees for the single coverage group health insurance plan.

On motion by Rohlfig, seconded by Connolly and unanimously approved, the Board approved the recommendation to approve the 2016 employer contribution of \$1240.40 per month to all benefits eligible employees for the family coverage group health insurance plan.

Darrell Pettis, Administrator/Engineer appeared before the Board with one item for discussion.

On motion by Rohlfig, seconded by King and unanimously approved, the Board approved to award the HSIP Curve Signing Improvements Project SP 040-070-003 to A&H Co., Inc. in the amount of \$33,400.

Miranda Rosa appeared before the Board with a Drug Court update.

On motion by Connolly, seconded by Rohlfig and unanimously approved, the Board approved to table Miranda Rosa's request to sign a resolution to recognize the need for a facility in Le Center.

John Bruender came before the Board with German-Jefferson concerns.

On motion by Connolly, seconded by King and unanimously approved, the Board adjourned until Tuesday, October 6, 2015 at 9:00 a.m.

ATTEST: _____
Le Sueur County Administrator **Le Sueur County Chairman**

Summary Minutes of Le Sueur County Board of Commissioners Meeting, September 22, 2015

● 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.

● The Le Sueur County Board of Commissioners met in regular session on Tuesday, September 22, 2015 at 9:00 a.m. in the Courthouse at Le Center, Minnesota. Those members present were: Steve Rohlfiing, Lance Wetzel, Dave Gliszinski, John King and Joe Connolly. Darrell Pettis and Brent Christian were also present.

● The Board approved the amended agenda for the business of the day. (Connolly-Rohlfiing)

● The Board approved the consent agenda: Approved the September 15, 2015 County Board Minutes and Summary Minutes and the CD #38 Repair Request. (King-Gliszinski)

● The Board approved an Over/Under Policy for the License Bureau. (Connolly-King)

● The Board approved the recommendation to grant regular status to Laura De Loach, full time Eligibility Worker, in Human Services, effective September 23, 2015. (Rohlfiing-Gliszinski)

● The Board approved the recommendation to promote Meghan Houlihan to a full time, regular Sheriff Administrative Assistant in the Sheriff's Office, as a Grade 6, Step 1 at \$17.07 per hour, effective October 5, 2015. (Connolly-King)

● The Board approved the recommendation to advertise for a part time Deputy Sheriff, as a Grade 10, Step 1 at \$21.55 per hour. (Gliszinski-Connolly)

● The Board approved the recommendation to approve the Public Employees Retirement Association - Police Officer Declaration for Jamie Scherf. (King-Rohlfiing)

● The Board approved the recommendation to extend the Employment Agreement between Le Sueur County and Darrell Pettis to serve as the County Administrator/County Engineer, effective September 30, 2015. (King-Rohlfiing)

● The Board approved the recommendation to approve the 2016 employer contribution of \$846.30 per month to all benefits eligible employees for the single coverage group health insurance plan. (King-Gliszinski)

● The Board approved the recommendation to approve the 2016 employer contribution of \$1240.40 per month to all benefits eligible employees for the family coverage group health insurance plan. (Rohlfiing-Connolly)

● The Board approved to award the HSIP Curve Signing Improvements Project SP 040-070-003 to A&H Co., Inc. in the amount of \$33,400. (Rohlfiing-King)

● The Board approved to table Miranda Rosa's request to sign a resolution to recognize the need for a facility in Le Center. (Connolly-Rohlfiing)

● The Board adjourned until Tuesday, October 6, 2015 at 9:00 a.m. (Connolly-King)

ATTEST: Le Sueur County Administrator Le Sueur County Chairman

LIQUOR AND WINE LICENSES NEEDING APPROVAL AT THE 10/6/2015 BOARD MEETING

ON SALE LIQUOR LICENSES:

G.E.O. OK INC DBA LAKESIDE SUPPER CLUB
WHISKEY RIVER EMPORIUM
BRAD FACTOR DBA LITTLE DANDY
TRAXLER'S HUNTING PRESERVE INC
WOODS GRILL AND BAR
THE NEXT CHAPTER WINERY LLC (SELLING STRONG BEER ONLY)

ON & OFF SALE LIQUOR LICENSE:

HOBBER'S INC DBA HOBBER'S HWY 99 BAR & GRILL

WINE & STRONG BEER LICENSE:

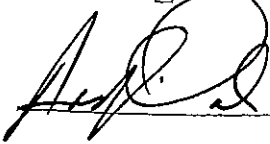
CARIBOU GUN CLUB INC

REPAIR REQUEST

We, the undersigned land owners, do hereby request the Le Sueur County Board Of Commissioners to clean out and repair Le Sueur County Ditch # 34 located in Section 2 Sharon township(s).

Signed

Address & Phone No.



22921 310th & Le Sueur Rd 952 217
1173

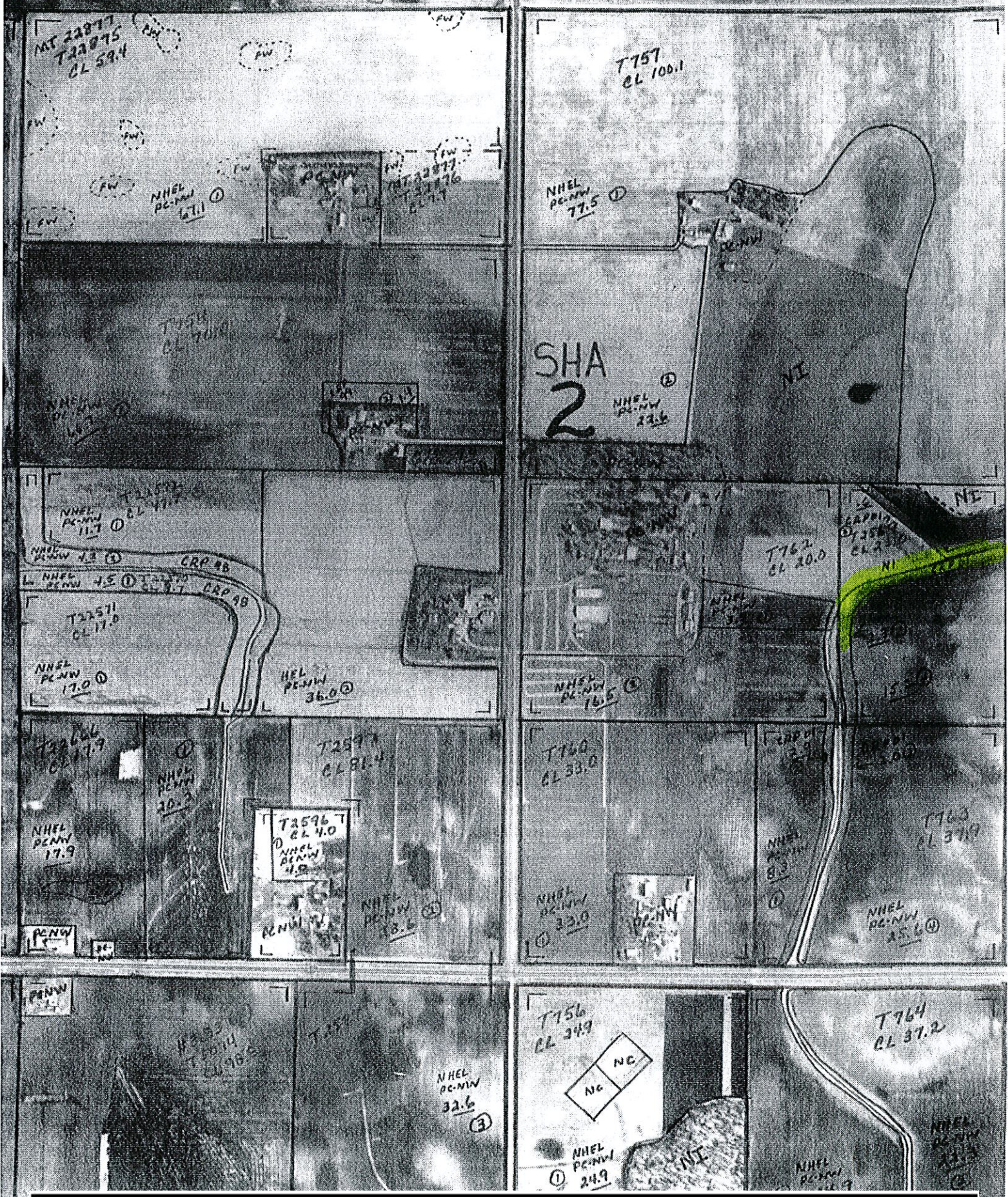
Date: 9-24-2015

Description of problem: Poss Dam on Dam on Street
down to ~~the~~ the least crop is full of water

Needs to be clean
Roger Yulkin
9-29-15

T=Tract Number	MI=Multiple Tract Number	HEL=Highly Erodible Land	MW=Minimal Effect Wetland (Exempt)
W=Wetland	CW=Converted Wetland	NHEL=Non-Highly Erodible	MWC, MWM, MWR=See SWCD
FW=Farmed Wetland	NA=Non-Agricultural	PC=Prior Converted Wetland	NC=Non-cropland
NW=Non-Wetland	AW=Artificial Wetland	EW=Exempt (Commenced) CW	NI=Non-inventoried
COUNTY	NOT TO SCALE	REPRODUCED	CROP YEAR
LE SUEUR		2002	2002
			PHOTO NO
			E5-L

Andy Oak





Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 2

9:05 am Claims (10 min)

Staff Contact:



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 3

9:15 am Kelly Robinson (15 min)

RE: Paving County Road 143

Staff Contact:

We, the undersigned, encourage you, the
Le Sueur County Board of Commissioners,

to reinstate the Le Sueur County Road 143 paving project in
your 5-year plan. Your consideration would be appreciated.

Steve Erickson

Debra Erickson

Mary Beath

Chris Beath

Ken

Carl Hardy

Mary & Hardy

Donna

Patricia

Cheryl King

Log Nelson

Bob Nelson

Tom

Steve Larson

Andy King

Cheryl

John

John

Le Sueur Erickson

Don Erickson

Keri Gladys

Joe Gladys

Jeff Johnson

John Johnson

Jamie Johnson

Allen Johnson

Carl M. O.

RC

John

John

John

John

Michael

Daniel H. Kuser

Susan

We, the undersigned, encourage you, the
Le Sueur County Board of Commissioners,

to reinstate the Le Sueur County Road 143 paving project in
your 5-year plan. Your consideration would be appreciated.

Sam [unclear]
Bob [unclear]
Elizabeth [unclear]
Colleen [unclear]
Deane [unclear]
Kelly [unclear]
John [unclear]
Emil [unclear]
[unclear]
Colleen Ambroz
[unclear]
~~*Joe [unclear]*~~
Kaycie A. Pakiz

We, the undersigned, encourage you, the

Le Sueur County Board of Commissioners,

to reinstate the Le Sueur County Road 143 paving project in
your 5-year plan. Your consideration would be appreciated.

[Signature]

[Signature] 27965 Laverne
Ave

[Signature]

Shannon Mankie

John Day

Mike Bickel

Sheena Kube

[Signature]

Guy Cadu

CR 143 Estimated Paving Cost
From CSAH 28 to TH 19

Spec. Number	Item	Quantity	Unit	Unit Price	Amount
2021.501	Mobilization	1	Lump Sum	\$ 10,000.00	\$ 10,000.00
2051.501	Maint / Restoration of Haul Roads	1	Lump Sum	\$ 1.00	\$ 1.00
2104.513	Saw Bituminous Pavement	100	Lin. Ft.	\$ 5.00	\$ 500.00
2211.501	Aggregate Base, Class 5, (6")	31,700	Ton	\$ 9.50	\$ 301,150.00
2221.501	Aggregate Shouldering, Class 1	9,700	Ton	\$ 15.00	\$ 145,500.00
2232.501	Mill Bituminous Surface	20	Sq. Yd.	\$ 5.00	\$ 100.00
2350.601	MV4 Wear Course Mixture (PG 58-34), 2"	6,700	Ton	\$ 72.00	\$ 482,400.00
2350.602	LV 3 NonWear Course Mixutre (PG58-34), 4"	13,300	Ton	\$ 70.00	\$ 931,000.00
2350.606	MV4 Bituminous Mixture Production	100	Ton	\$ 65.00	\$ 6,500.00
2502.501	Precast Concrete Headwall	84	Each	\$ 100.00	\$ 8,400.00
2502.521	4" T.P. Pipe Drain	924	Lin. Ft.	\$ 4.25	\$ 3,927.00
2502.541	4" Perf. PE Pipe Drain	41,986	Lin. Ft.	\$ 3.00	\$ 125,958.00
2563.601	Traffic Control	1	Lump Sum	\$ 4,000.00	\$ 4,000.00
2564.603	4" Solid Line White - Paint	139	Gallons	\$ 15.00	\$ 2,085.00
2564.603	4" Solid and Broken Line Yellow - Paint	80	Gallons	\$ 18.00	\$ 1,440.00
2575.512	Mulch Material Type 2	13,995	Gallons	\$ 2.25	\$ 31,488.75
2580.501	Temporary Lane Marking	630	Rd. Sta.	\$ 4.00	\$ 2,520.00
Total Estimated Cost =					\$ 2,056,969.75

Estimated Cost per mile = \$ 514,242.44



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 4

9:30 am Bruce Kimmel, Ehlers (30 min)

RE: Sulp and Refunding

Staff Contact:

Le Sueur County, Minnesota

\$2,575,000 General Obligation Bonds, Series 2015B

Issue Summary

Assumes Current Market BQ AA Rates plus 25bp

Total Issue Sources And Uses

Dated 12/15/2015 | Delivered 12/15/2015

	Septic Loan Program - New Money	Current Ref 05B Bds	Issue Summary
Sources Of Funds			
Par Amount of Bonds	\$1,550,000.00	\$1,025,000.00	\$2,575,000.00
Total Sources	\$1,550,000.00	\$1,025,000.00	\$2,575,000.00
Uses Of Funds			
Total Underwriter's Discount (1.200%)	18,600.00	12,300.00	30,900.00
Costs of Issuance	26,485.44	17,514.56	44,000.00
Deposit to Project Construction Fund	1,500,000.00	-	1,500,000.00
Deposit to Current Refunding Fund	-	1,000,000.00	1,000,000.00
Rounding Amount	4,914.56	(4,814.56)	100.00
Total Uses	\$1,550,000.00	\$1,025,000.00	\$2,575,000.00

Series 2015B GO Bonds | Issue Summary | 9/14/2015 | 3:13 PM



Le Sueur County, Minnesota

\$2,575,000 General Obligation Bonds, Series 2015B

Issue Summary

Assumes Current Market BQ AA Rates plus 25bp

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/15/2015	-	-	-	-	-
08/01/2016	-	-	27,319.32	27,319.32	-
02/01/2017	305,000.00	1.000%	21,758.75	326,758.75	354,078.07
08/01/2017	-	-	20,233.75	20,233.75	-
02/01/2018	310,000.00	1.200%	20,233.75	330,233.75	350,467.50
08/01/2018	-	-	18,373.75	18,373.75	-
02/01/2019	320,000.00	1.400%	18,373.75	338,373.75	356,747.50
08/01/2019	-	-	16,133.75	16,133.75	-
02/01/2020	320,000.00	1.600%	16,133.75	336,133.75	352,267.50
08/01/2020	-	-	13,573.75	13,573.75	-
02/01/2021	330,000.00	1.750%	13,573.75	343,573.75	357,147.50
08/01/2021	-	-	10,686.25	10,686.25	-
02/01/2022	335,000.00	1.950%	10,686.25	345,686.25	356,372.50
08/01/2022	-	-	7,420.00	7,420.00	-
02/01/2023	160,000.00	2.100%	7,420.00	167,420.00	174,840.00
08/01/2023	-	-	5,740.00	5,740.00	-
02/01/2024	160,000.00	2.200%	5,740.00	165,740.00	171,480.00
08/01/2024	-	-	3,980.00	3,980.00	-
02/01/2025	165,000.00	2.300%	3,980.00	168,980.00	172,960.00
08/01/2025	-	-	2,082.50	2,082.50	-
02/01/2026	170,000.00	2.450%	2,082.50	172,082.50	174,165.00
Total	\$2,575,000.00	-	\$245,525.57	\$2,820,525.57	-

Yield Statistics

Bond Year Dollars	\$12,739.03
Average Life	4.947 Years
Average Coupon	1.9273494%
Net Interest Cost (NIC)	2.1699110%
True Interest Cost (TIC)	2.1776875%
Bond Yield for Arbitrage Purposes	1.9178967%
All Inclusive Cost (AIC)	2.5554876%

IRS Form 8038

Net Interest Cost	1.9273494%
Weighted Average Maturity	4.947 Years

Le Sueur County, Minnesota

\$1,550,000 General Obligation Bonds, Series 2015B

Septic Loan Program - New Money

Assumes Current Market BQ AA Rates plus 25bp

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/15/2015	-	-	-	-	-
08/01/2016	-	-	17,712.75	17,712.75	-
02/01/2017	140,000.00	1.000%	14,107.50	154,107.50	171,820.25
08/01/2017	-	-	13,407.50	13,407.50	-
02/01/2018	145,000.00	1.200%	13,407.50	158,407.50	171,815.00
08/01/2018	-	-	12,537.50	12,537.50	-
02/01/2019	150,000.00	1.400%	12,537.50	162,537.50	175,075.00
08/01/2019	-	-	11,487.50	11,487.50	-
02/01/2020	150,000.00	1.600%	11,487.50	161,487.50	172,975.00
08/01/2020	-	-	10,287.50	10,287.50	-
02/01/2021	155,000.00	1.750%	10,287.50	165,287.50	175,575.00
08/01/2021	-	-	8,931.25	8,931.25	-
02/01/2022	155,000.00	1.950%	8,931.25	163,931.25	172,862.50
08/01/2022	-	-	7,420.00	7,420.00	-
02/01/2023	160,000.00	2.100%	7,420.00	167,420.00	174,840.00
08/01/2023	-	-	5,740.00	5,740.00	-
02/01/2024	160,000.00	2.200%	5,740.00	165,740.00	171,480.00
08/01/2024	-	-	3,980.00	3,980.00	-
02/01/2025	165,000.00	2.300%	3,980.00	168,980.00	172,960.00
08/01/2025	-	-	2,082.50	2,082.50	-
02/01/2026	170,000.00	2.450%	2,082.50	172,082.50	174,165.00
Total	\$1,550,000.00	-	\$183,567.75	\$1,733,567.75	-

Yield Statistics

Bond Year Dollars	\$8,968.06
Average Life	5.786 Years
Average Coupon	2.0469069%
Net Interest Cost (NIC)	2.2543097%
True Interest Cost (TIC)	2.2626010%
Bond Yield for Arbitrage Purposes	1.9178967%
All Inclusive Cost (AIC)	2.5893250%

IRS Form 8038

Net Interest Cost	2.0469069%
Weighted Average Maturity	5.786 Years

Le Sueur County, Minnesota

\$1,025,000 General Obligation Bonds, Series 2015B

Current Ref 05B Bds

Assumes Current Market BQ AA Rates plus 25bp

Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
12/15/2015	-	-	-	-	-
08/01/2016	-	-	9,606.57	9,606.57	-
02/01/2017	165,000.00	1.000%	7,651.25	172,651.25	182,257.82
08/01/2017	-	-	6,826.25	6,826.25	-
02/01/2018	165,000.00	1.200%	6,826.25	171,826.25	178,652.50
08/01/2018	-	-	5,836.25	5,836.25	-
02/01/2019	170,000.00	1.400%	5,836.25	175,836.25	181,672.50
08/01/2019	-	-	4,646.25	4,646.25	-
02/01/2020	170,000.00	1.600%	4,646.25	174,646.25	179,292.50
08/01/2020	-	-	3,286.25	3,286.25	-
02/01/2021	175,000.00	1.750%	3,286.25	178,286.25	181,572.50
08/01/2021	-	-	1,755.00	1,755.00	-
02/01/2022	180,000.00	1.950%	1,755.00	181,755.00	183,510.00
Total	\$1,025,000.00	-	\$61,957.82	\$1,086,957.82	-

Yield Statistics

Bond Year Dollars	\$3,770.97
Average Life	3.679 Years
Average Coupon	1.6430198%
Net Interest Cost (NIC)	1.9691956%
True Interest Cost (TIC)	1.9810236%
Bond Yield for Arbitrage Purposes	1.9178967%
All Inclusive Cost (AIC)	2.4774927%

IRS Form 8038

Net Interest Cost	1.6430198%
Weighted Average Maturity	3.679 Years

Le Sueur County, Minnesota

\$1,025,000 General Obligation Bonds, Series 2015B

Current Ref 05B Bds

Assumes Current Market BQ AA Rates plus 25bp

Debt Service Comparison

Date	Total P+I	Net New D/S	Old Net D/S	Savings
02/01/2016	-	-	-	-
02/01/2017	182,257.82	182,257.82	189,722.50	7,464.68
02/01/2018	178,652.50	178,652.50	188,947.50	10,295.00
02/01/2019	181,672.50	181,672.50	192,980.00	11,307.50
02/01/2020	179,292.50	179,292.50	191,380.00	12,087.50
02/01/2021	181,572.50	181,572.50	189,580.00	8,007.50
02/01/2022	183,510.00	183,510.00	192,492.50	8,982.50
Total	\$1,086,957.82	\$1,086,957.82	\$1,145,102.50	\$58,144.68

PV Analysis Summary (Net to Net)

Gross PV Debt Service Savings.....	54,635.40
Net PV Cashflow Savings @ 1.918%(Bond Yield).....	54,635.40
Contingency or Rounding Amount.....	(4,814.56)
Net Present Value Benefit	\$49,820.84
Net PV Benefit / \$1,069,592.70 PV Refunded Debt Service	4.658%
Net PV Benefit / \$1,000,000 Refunded Principal...	4.982%
Net PV Benefit / \$1,025,000 Refunding Principal..	4.861%

Refunding Bond Information

Refunding Dated Date	12/15/2015
Refunding Delivery Date	12/15/2015

Series 2015B GO Bonds | Current Ref 05B Bds | 9/14/2015 | 3:13 PM



Le Sueur County, Minnesota

\$1,025,000 General Obligation Bonds, Series 2015B

Current Ref 05B Bds

Assumes Current Market BQ AA Rates plus 25bp

Current Refunding Escrow

Date	Principal	Rate	Receipts	Disbursements	Cash Balance
12/15/2015	-	-	-	-	-
02/01/2016	1,000,000.00	-	1,000,000.00	1,000,000.00	-
Total	\$1,000,000.00	-	\$1,000,000.00	\$1,000,000.00	-

Investment Parameters

Investment Model [PV, GIC, or Securities]	Securities
Default investment yield target	Unrestricted
Cost of Investments Purchased with Bond Proceeds	1,000,000.00
Total Cost of Investments	\$1,000,000.00
Target Cost of Investments at bond yield	\$997,564.00
Actual positive or (negative) arbitrage	(2,436.00)
Yield to Receipt	-6.12E-12
Yield for Arbitrage Purposes	1.9178967%
State and Local Government Series (SLGS) rates for	9/10/2015

Series 2015B GO Bonds | Current Ref 05B Bds | 9/14/2015 | 3:13 PM



Le Sueur County, MN

\$2,145,000 G.O. Capital Improvement Plan Bonds, Series 2005B

Prior Original Debt Service

Date	Principal	Coupon	Interest	Total P+I	Fiscal Total
02/01/2016	-	-	-	-	-
08/01/2016	-	-	19,861.25	19,861.25	-
02/01/2017	150,000.00	3.850%	19,861.25	169,861.25	189,722.50
08/01/2017	-	-	16,973.75	16,973.75	-
02/01/2018	155,000.00	3.850%	16,973.75	171,973.75	188,947.50
08/01/2018	-	-	13,990.00	13,990.00	-
02/01/2019	165,000.00	4.000%	13,990.00	178,990.00	192,980.00
08/01/2019	-	-	10,690.00	10,690.00	-
02/01/2020	170,000.00	4.000%	10,690.00	180,690.00	191,380.00
08/01/2020	-	-	7,290.00	7,290.00	-
02/01/2021	175,000.00	4.050%	7,290.00	182,290.00	189,580.00
08/01/2021	-	-	3,746.25	3,746.25	-
02/01/2022	185,000.00	4.050%	3,746.25	188,746.25	192,492.50
Total	\$1,000,000.00	-	\$145,102.50	\$1,145,102.50	-

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	12/15/2015
Average Life	3.748 Years
Average Coupon	4.0071253%
Weighted Average Maturity (Par Basis)	3.748 Years

Refunding Bond Information

Refunding Dated Date	12/15/2015
Refunding Delivery Date	12/15/2015

Le Sueur County, MN

\$2,145,000 G.O. Capital Improvement Plan Bonds, Series 2005B

Debt Service To Maturity And To Call

Date	Refunded Bonds	D/S To Call	Principal	Coupon	Interest	Refunded D/S
12/15/2015	-	-	-	-	-	-
02/01/2016	1,000,000.00	1,000,000.00	-	-	-	-
08/01/2016	-	-	-	-	19,861.25	19,861.25
02/01/2017	-	-	150,000.00	3.850%	19,861.25	169,861.25
08/01/2017	-	-	-	-	16,973.75	16,973.75
02/01/2018	-	-	155,000.00	3.850%	16,973.75	171,973.75
08/01/2018	-	-	-	-	13,990.00	13,990.00
02/01/2019	-	-	165,000.00	4.000%	13,990.00	178,990.00
08/01/2019	-	-	-	-	10,690.00	10,690.00
02/01/2020	-	-	170,000.00	4.000%	10,690.00	180,690.00
08/01/2020	-	-	-	-	7,290.00	7,290.00
02/01/2021	-	-	175,000.00	4.050%	7,290.00	182,290.00
08/01/2021	-	-	-	-	3,746.25	3,746.25
02/01/2022	-	-	185,000.00	4.050%	3,746.25	188,746.25
Total	\$1,000,000.00	\$1,000,000.00	\$1,000,000.00	-	\$145,102.50	\$1,145,102.50

Yield Statistics

Base date for Avg. Life & Avg. Coupon Calculation	12/15/2015
Average Life	3.748 Years
Average Coupon	4.0071253%
Weighted Average Maturity (Par Basis)	3.748 Years

Refunding Bond Information

Refunding Dated Date	12/15/2015
Refunding Delivery Date	12/15/2015



Le Sueur County, MN

Tuesday, October 6, 2015

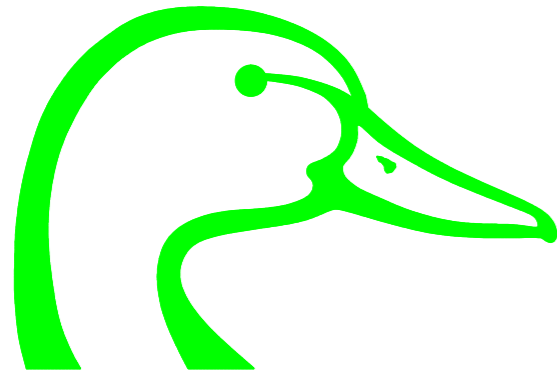
Board Meeting

Item 5

10:00 am Ducks Unlimited (30 min)

RE: Sanborn Lake

Staff Contact:



DUCKS UNLIMITED

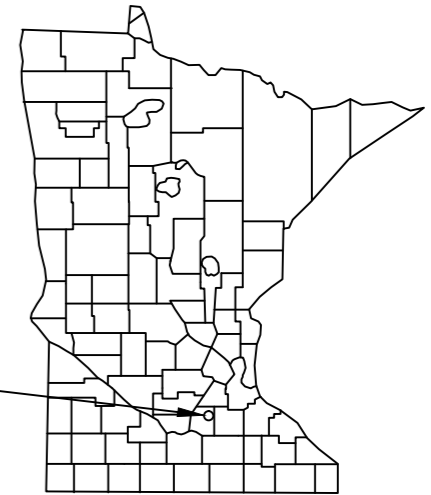
DUCKS UNLIMITED, INC.

SANBORN LAKE

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

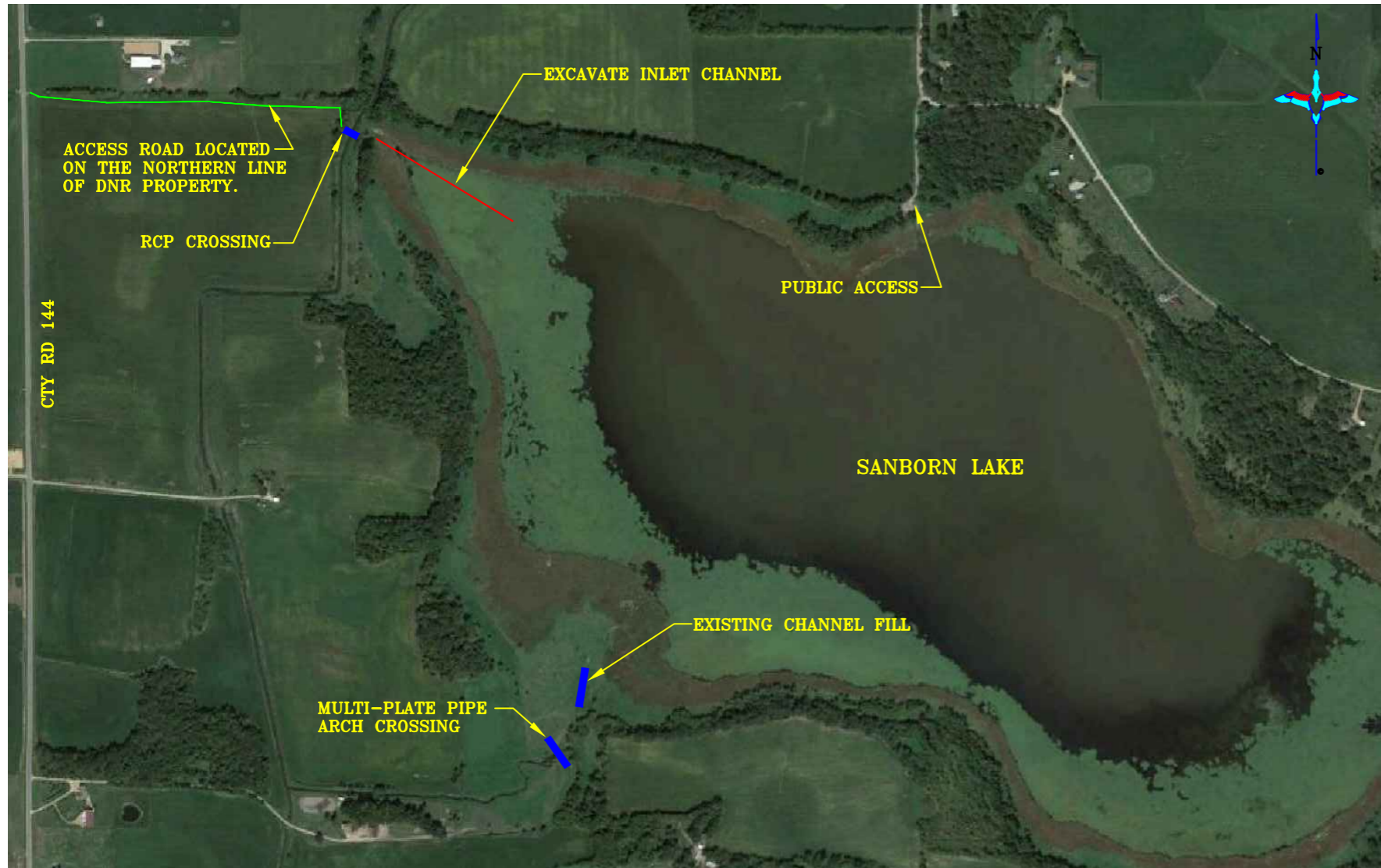
IN COOPERATION WITH

MINNESOTA DEPARTMENT OF NATURAL RESOURCES



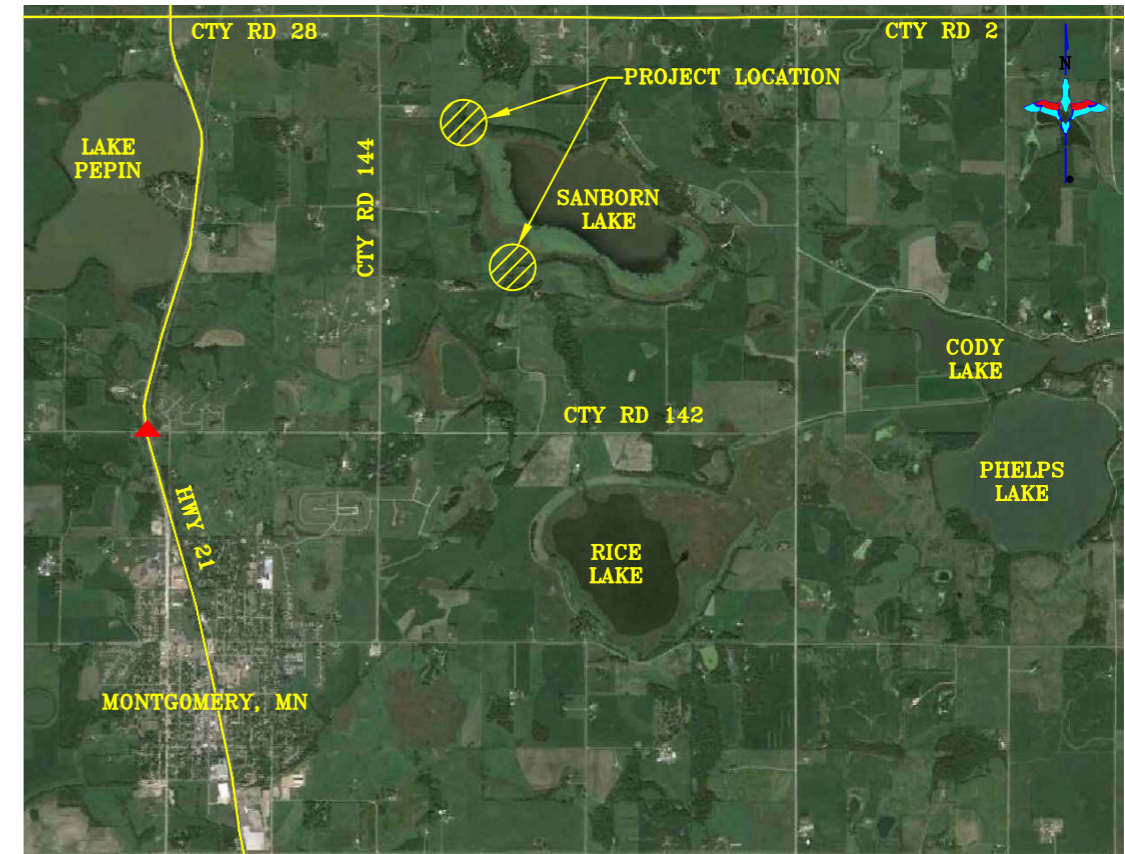
PROJECT LOCATION

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

Revision Number	Sheet Number	Revisions	Date	Rv	hereby certify that this plan, specification or report was prepared
					James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359
		Board Meeting - 10/6/2015			Date

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."

PRELIMINARY

	PROJECT NO. MN-445-1	DESIGNED BY: JAS
	SANBORN LAKE COVER SHEET	DRAWN BY: MLO
GREAT PLAINS REGIONAL OFFICE	SHEET NO. 1	CHECKED BY: GLJ
DATE: 7-23-2015	APPROVED BY:	APPROVED BY:



DNR IRON PIPE ON HWY W 1/4 SEC 26

BORROW/SPOIL AREA

W INV 52" ID CMP ELEV. 1010.95
W INV 52" ID CMP ELEV. 1010.92

96" DOUBLE RISER W/ 52" ID CMP OUTLET
96" RISER (TYP. BOTH) TOP LIP ELEV. 1018.96 INV ELEV. 1011.76

EXISTING 96" DUAL RISERS AND OUTLET PIPES TO BE REMOVED.

INSTALL W.C.S. AND DITCH CROSSING. SEE SHEETS 4-9.

EXCAVATE INLET CHANNEL SEE DETAILS SHEET 11.

263 2" IRON PIPE E 1/4 SEC 26

DNR PIN 1" STEEL ROD W/2.5" FLANGE
DU 3 2009
N 16,158,179.15
E 1,498,269.62
ELEV 1021.87
LAT 44°28'37.98387" N
LONG 93°32'41.27416" W

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

96" CMP INV. ELEV. 1009.69 S TOP ELEV. 1017.69

EDGE OF CATTAILS
EDGE OF TREES

EDGE OF TREES

CONSTRUCT DITCH PLUG. SEE SHEET 13.

BORROW AREA.

EDGE OF CATTAILS

EDGE OF TREES

INSTALL CMP MULTI-PLATE CROSSING, SEE SHEET 12.

CMP E INV 1013.34

84" CMP INV. ELEV. 1011.57 S TOP ELEV. 1018.48

SAND CREEK/SPUR DITCH

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.

PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By	I hereby certify that this plan, specification or report was prepared

Board Meeting - 10/6/2015

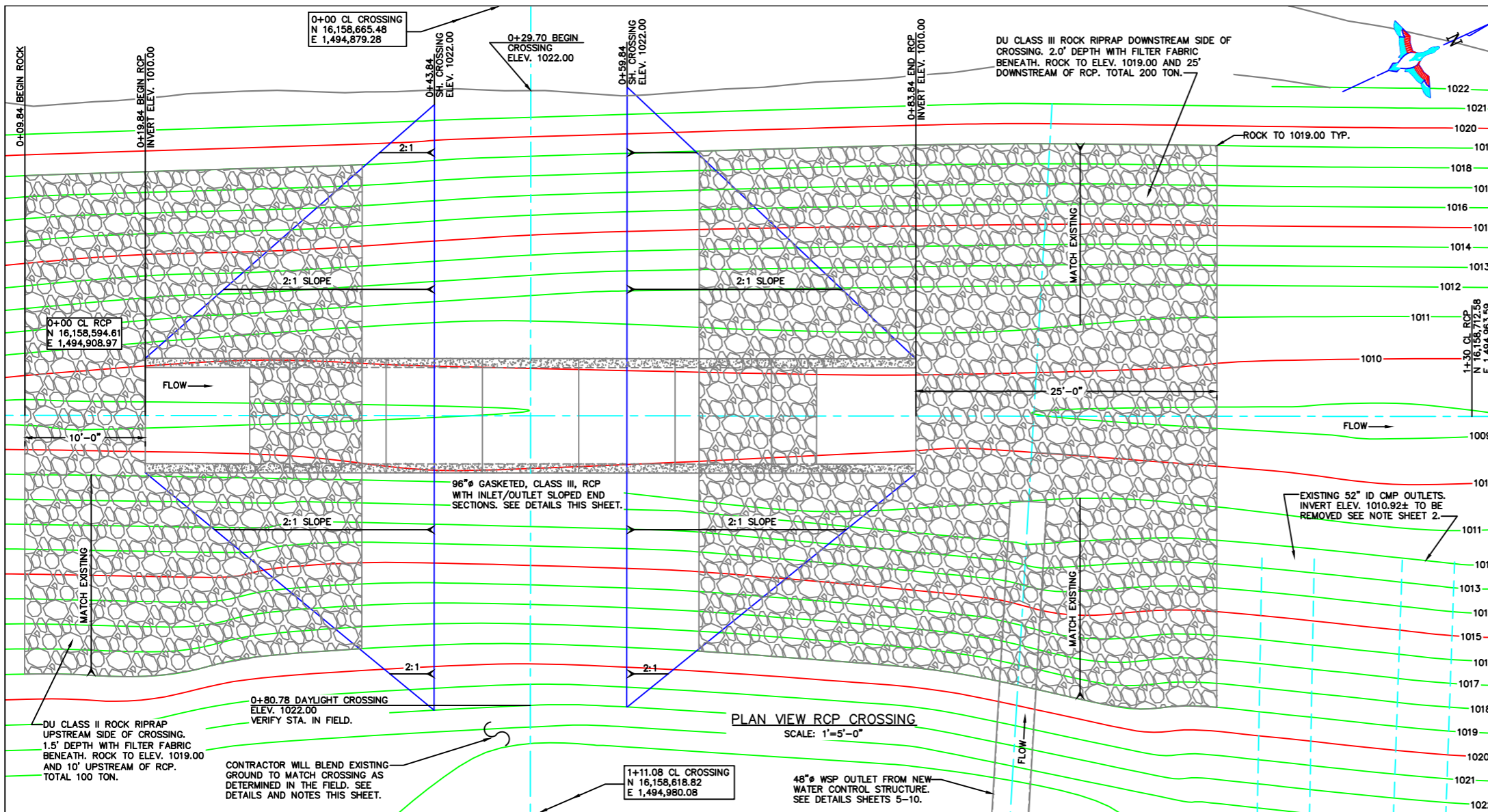
James A. Streifel, P.E.
for Ducks Unlimited, Inc.
License No. 47359

Date

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 7-23-2015 SHEET NO. 3

PROJECT NO. MN 321-55
SANBORN LAKE
SITE TOPOGRAPHY
APPROVED BY:

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, FILL MATERIAL FOR CROSSING/RCP BACKFILL, EXCAVATION, HAULING, DEPOSITING, AND PLACEMENT SHALL BE CONSIDERED "INCIDENTAL" TO RCP INSTALLATION.

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.

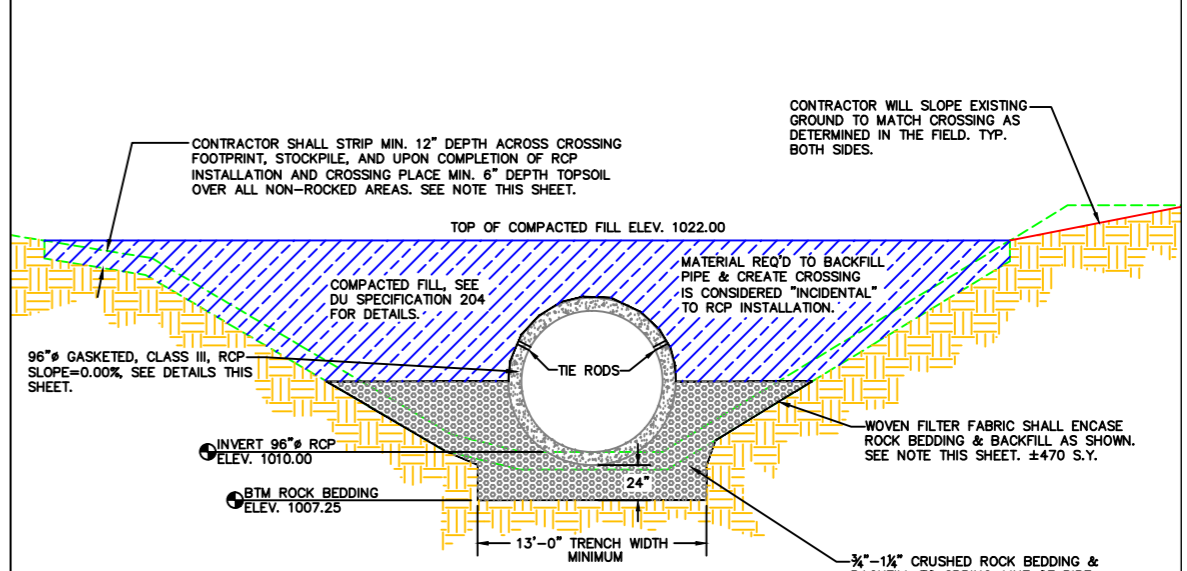
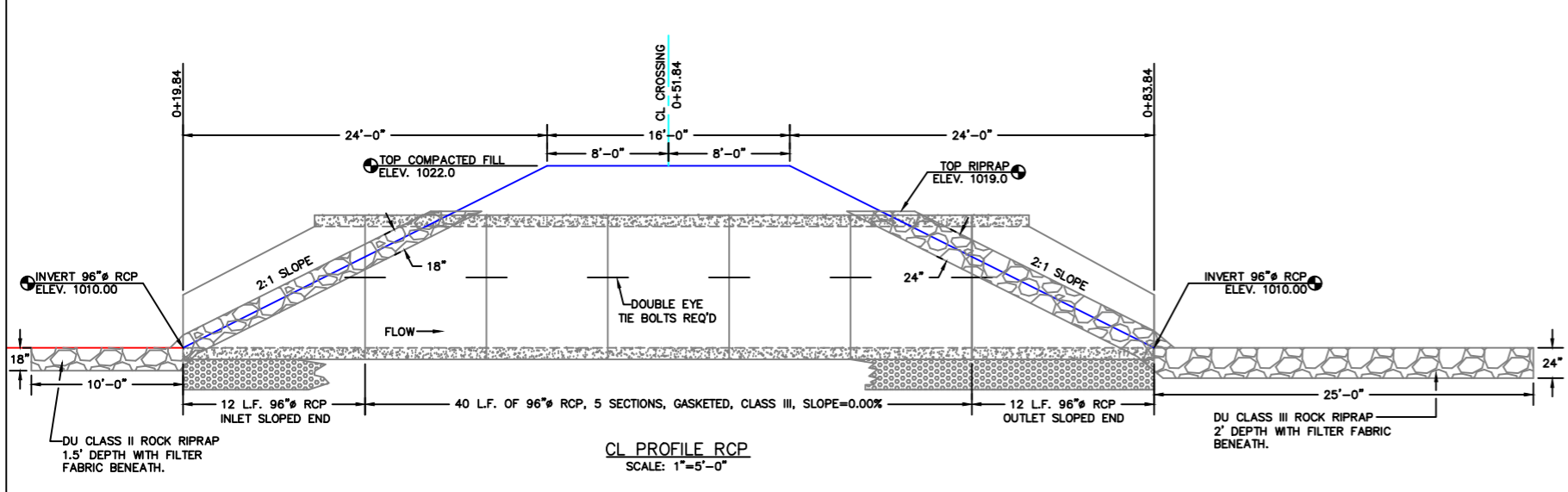
ALL COFFERDAM WORK IS CONSIDERED "INCIDENTAL" TO RCP INSTALLATION.

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 1019.00 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 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. ROCK SHALL BE MACHINE COMPACTED TO ENSURE A STABLE/UNIFORM LOOK. 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."



ESTIMATED QUANTITIES:

96" RCP INLET SLOPED END	1 REQ'D
96" RCP OUTLET SLOPED END	1 REQ'D
96" RCP	40 L.F.
DOUBLE EYE BOLT TIE RODS	12 REQ'D
3/4"-1 1/4" CRUSHED ROCK BEDDING/BACKFILL	300 TON
DU CLASS II ROCK RIPRAP	100 TON
DU CLASS III ROCK RIPRAP	200 TON

96" RCP INSTALLATION:
 CONTRACTOR SHALL INSTALL 64 LINEAL FEET OF 96" RCP, CLASS III, GASKETED JOINT AT A SLOPE OF 0.0%. THIS SHALL INCLUDE AN INLET & OUTLET SLOPED END SECTIONS. TYPICAL INSTALLATION WILL BE 2' DEPTH OF ROCK BEDDING AND BACKFILL TO SPRING-LINE OF PIPE. CONTRACTOR SHALL MACHINE COMPACT ROCK TO ENSURE ALL VOIDS HAVE BEEN FILLED. WOVEN FILTER FABRIC WILL BE INSTALLED UNDER, OVER, AND ALONG SIDES OF ROCK FOR THE ENTIRE TRENCH WIDTH AND LENGTH, PRIOR TO INSTALLING RCP. WOVEN FILL INSTALLATION. DOUBLE EYE TIE RODS MANUFACTURER RECOMMENDS. PAYMENT FOR MATERIALS (RCP, TIE RODS, WOVEN FILTER FABRIC, ETC), HAULING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "96" RCP."

Revision Number	Sheet Number	Revisions	Date	By

Board Meeting - 10/6/2015

PRELIMINARY

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

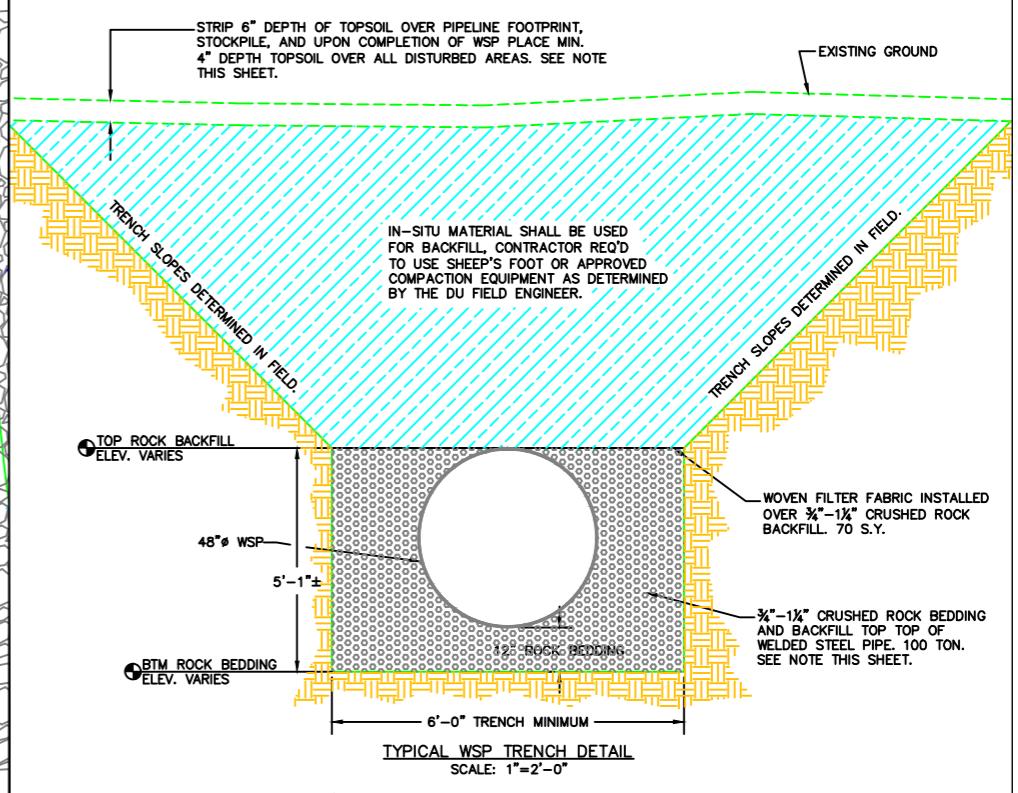
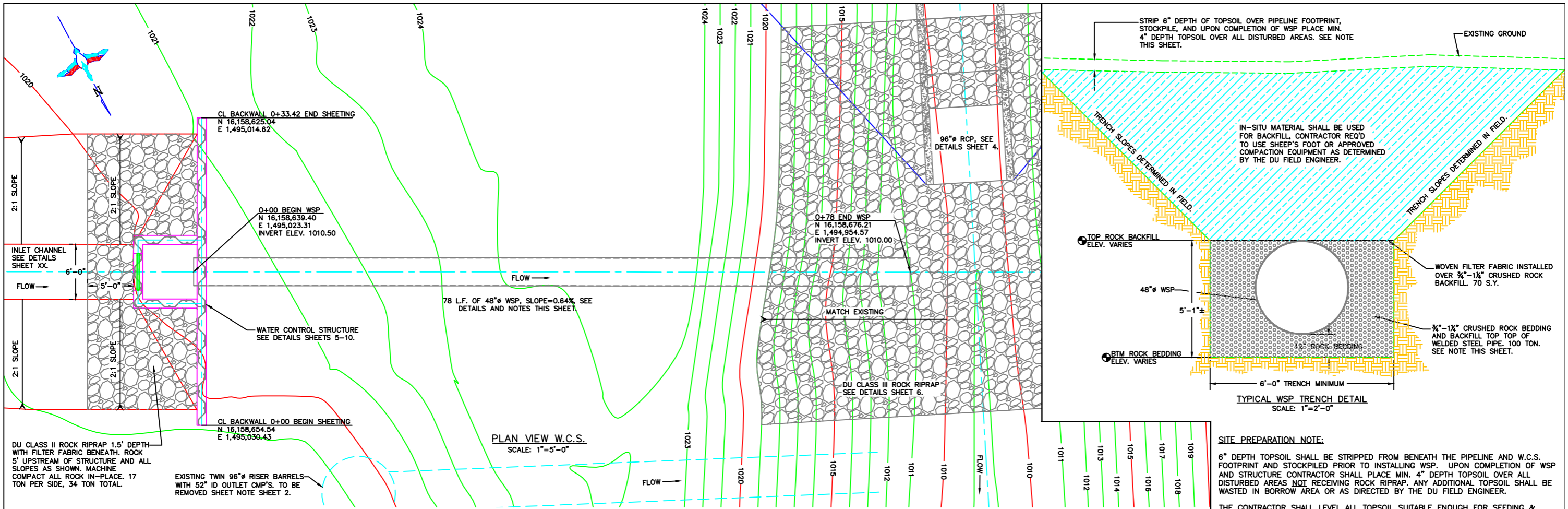
James A. Streifel, P.E.
 for Ducks Unlimited, Inc.
 License No. 47359

DATE: 7-23-15

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 SHEET NO. 4

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

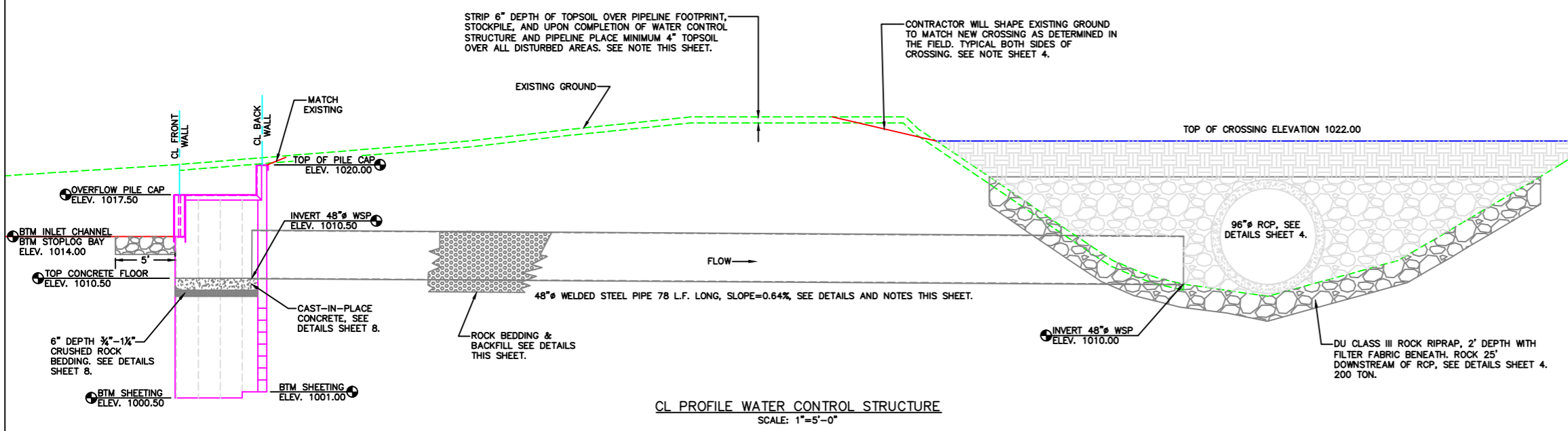
DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: []
 APPROVED BY: []



PLAN VIEW W.C.S.
SCALE: 1"=5'-0"

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."



CL PROFILE WATER CONTROL STRUCTURE
SCALE: 1"=5'-0"

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 CONTRACTORS 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 CONTRACTORS 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 TOP OF PIPE. CONTRACTOR SHALL MACHINE COMPACT ROCK TO ENSURE ALL VOIDS HAVE BEEN FILLED. WOVEN FILTER FABRIC WILL BE INSTALLED OVER TOP OF ROCK BACKFILL AFTER INSTALLATION OF WSP AND BEFORE REMAINING BACKFILLING OPERATIONS. WOVEN FILTER FABRIC SHALL BE CONSIDERED "INCIDENTAL" TO WSP INSTALLATION.

ESTIMATED QUANTITIES:

48" WELDED STEEL PIPE (WSP)	78 L.F.
3/4"-1 1/4" CRUSHED ROCK BEDDING/BACKFILL	100 TON
DU CLASS II ROCK RIPRAP	34 TON

PAYMENT FOR MATERIALS (WSP, WOVEN FILTER FABRIC, ETC.), HAULING, AND PLACEMENT SHALL BE PAID FOR BASED ON THE CONTRACTOR'S UNIT BID PRICE FOR "48" WSP."

PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By

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: 7-23-2015

DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 7-23-2015 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.

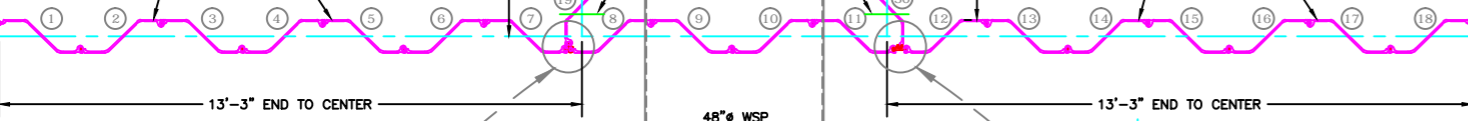
SHEET PILE SPECIFICATIONS & NOTES:

PZ-22 HOT ROLLED 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 3/8"x5"x5" ANGLES	68 L.F. 136 L.F.

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

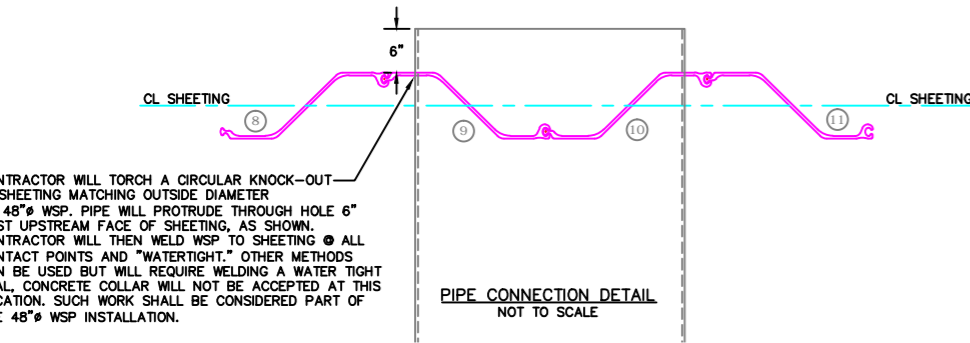
BACK HEADWALL TRIMMED @ ELEV. 1019.94



PLAN VIEW W.C.S. SCALE: 1"=2'-0"

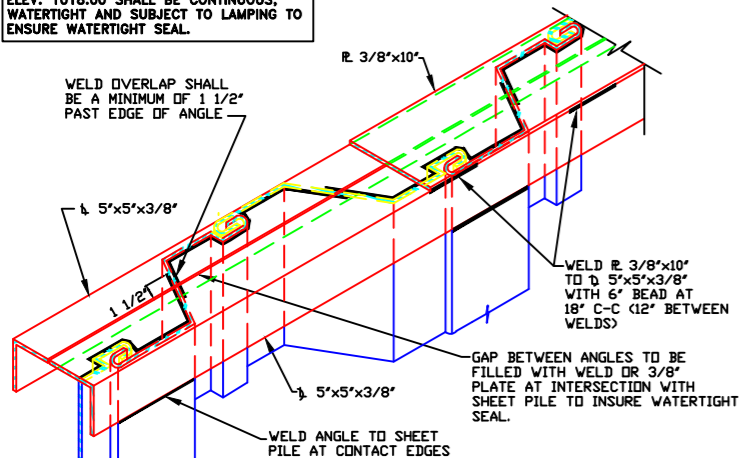
PilePro PZTEE OR APPROVED EQUAL 19'-0" LONG VISIT www.pilepro.com OR 1-866-666-7453, PZTEE TACK WELDED INLINE WITH SHEET #7 AS SHOWN BEFORE DRIVING.

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.

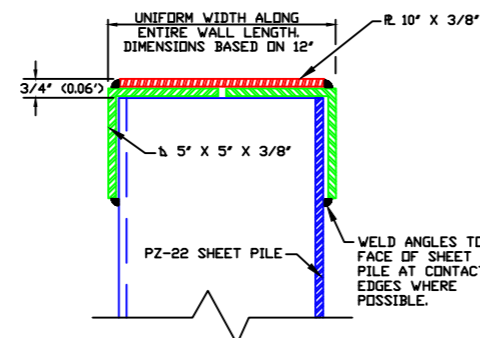


PIPE CONNECTION DETAIL NOT TO SCALE

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



SHEET PILE CAP FABRICATION DETAIL NOT TO SCALE

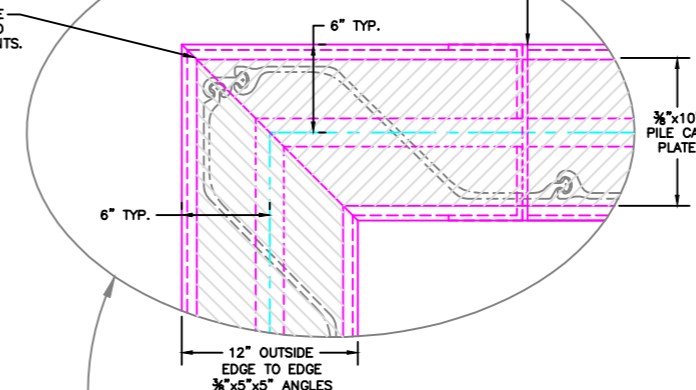


PILE CAP SECTION VIEW NOT TO SCALE

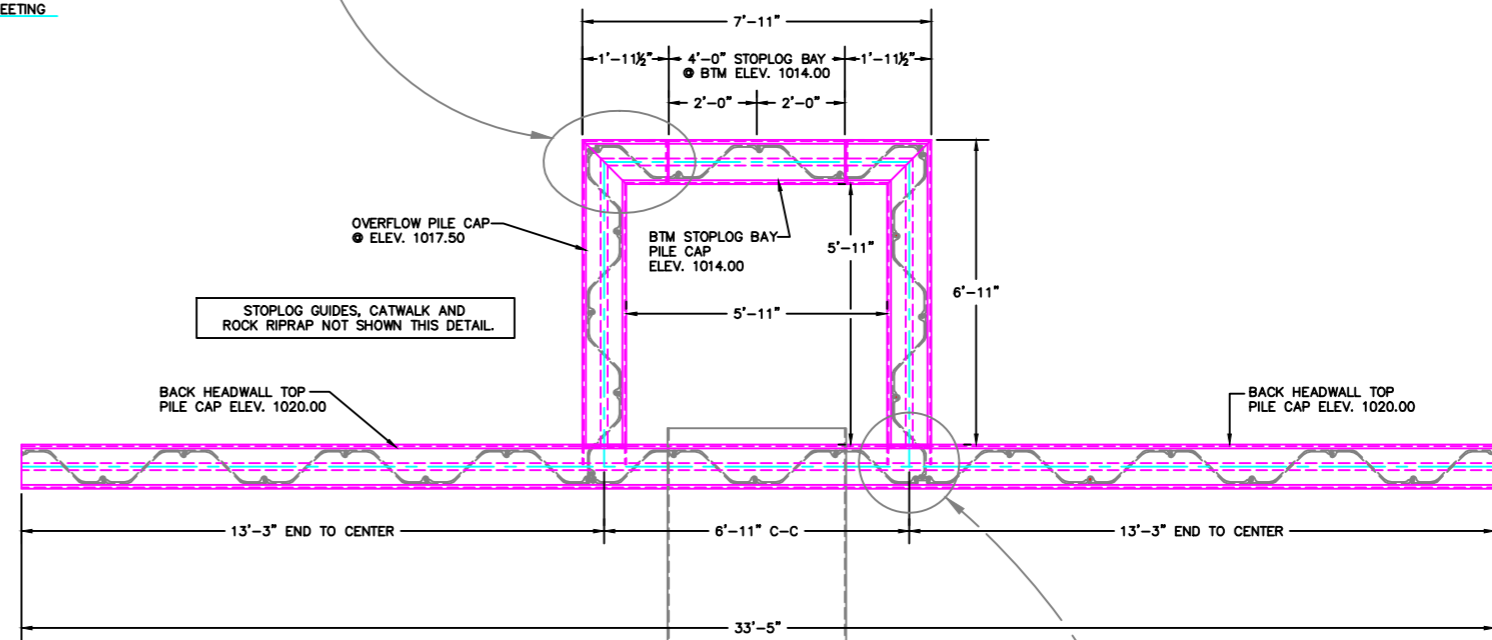
- NOTES:
- ALL WELDS TO BE 1/4" FILLET WELDS (SEE D.I. SPECIFICATIONS).
 - ALL WELDS WILL BE SUBJECT TO LAMPING. ANY AREAS FAILING WILL BE REWELDED BEFORE ACCEPTANCE OF PROJECT.
 - TOP OF SHEET PILE SHALL BE TRIMMED TO GRADES INDICATED ON PLANS TO REMOVE ANY DAMAGE CAUSED BY DRIVING. ANY TRIMMING OVER 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.

DIMENSIONS BASED ON A 12" WIDE PILE CAP ANGLE. CONTRACTOR WILL NEED TO ADJUST IF WIDER CAP IS DETERMINED NECESSARY.

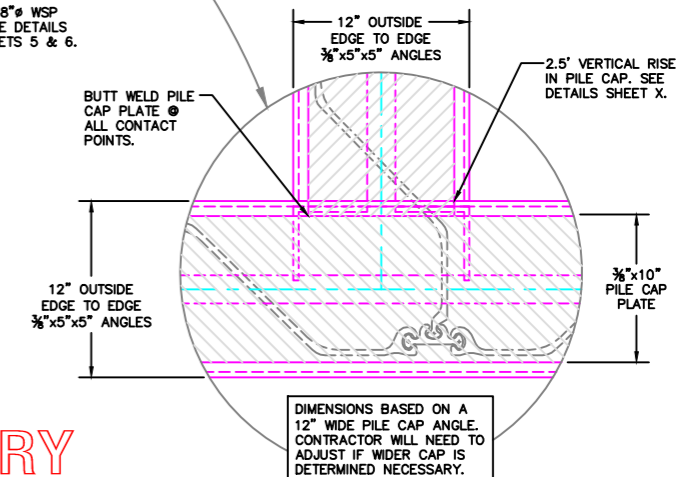
MITER PILE CAP PLATE @ CORNERS AND WELD AT ALL CONTACT POINTS.



SANBORN LAKE



PLAN VIEW W.C.S. SCALE: 1"=2'-0"



DIMENSIONS BASED ON A 12" WIDE PILE CAP ANGLE. CONTRACTOR WILL NEED TO ADJUST IF WIDER CAP IS DETERMINED NECESSARY.

PRELIMINARY

Revision	Sheet	Revisions	Date	By	I hereby certify that this plan, specification or report was prepared

Board Meeting - 10/6/2015

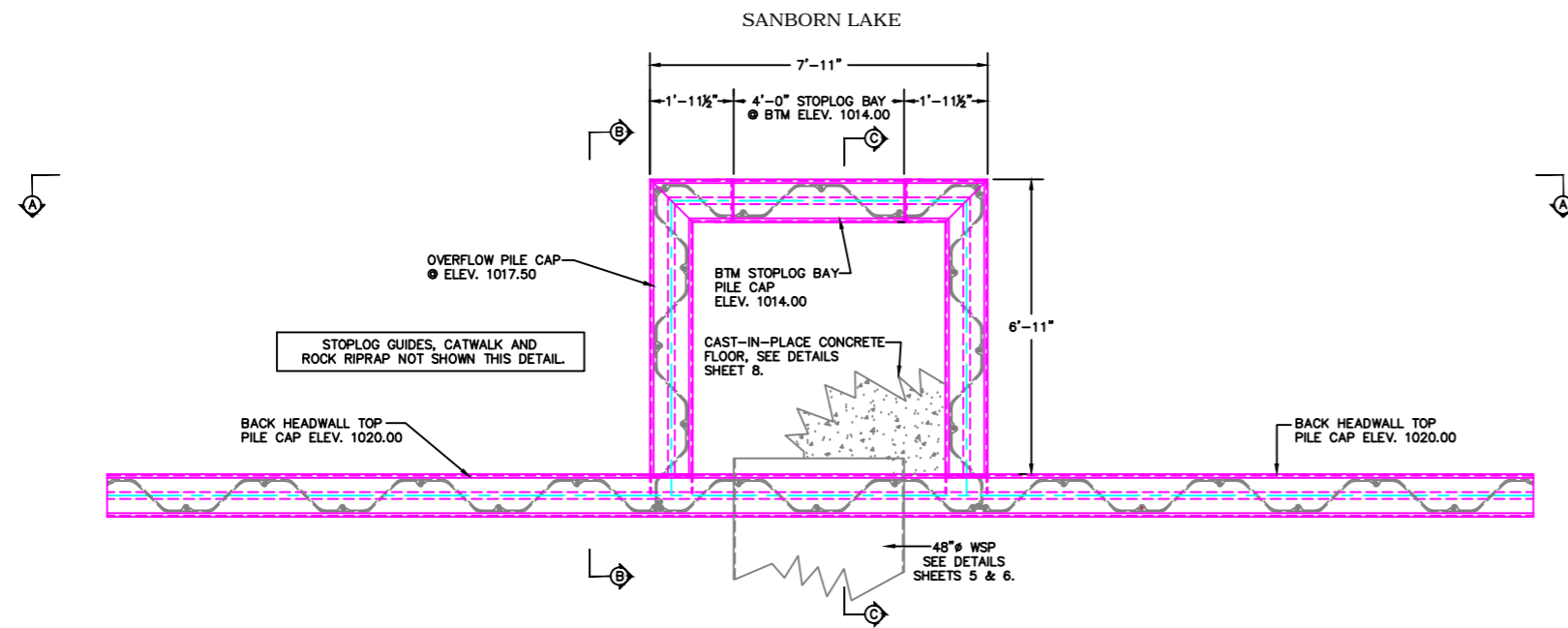
James A. Streifel, P.E.
for Ducks Unlimited, Inc.
License No. 47359

Date

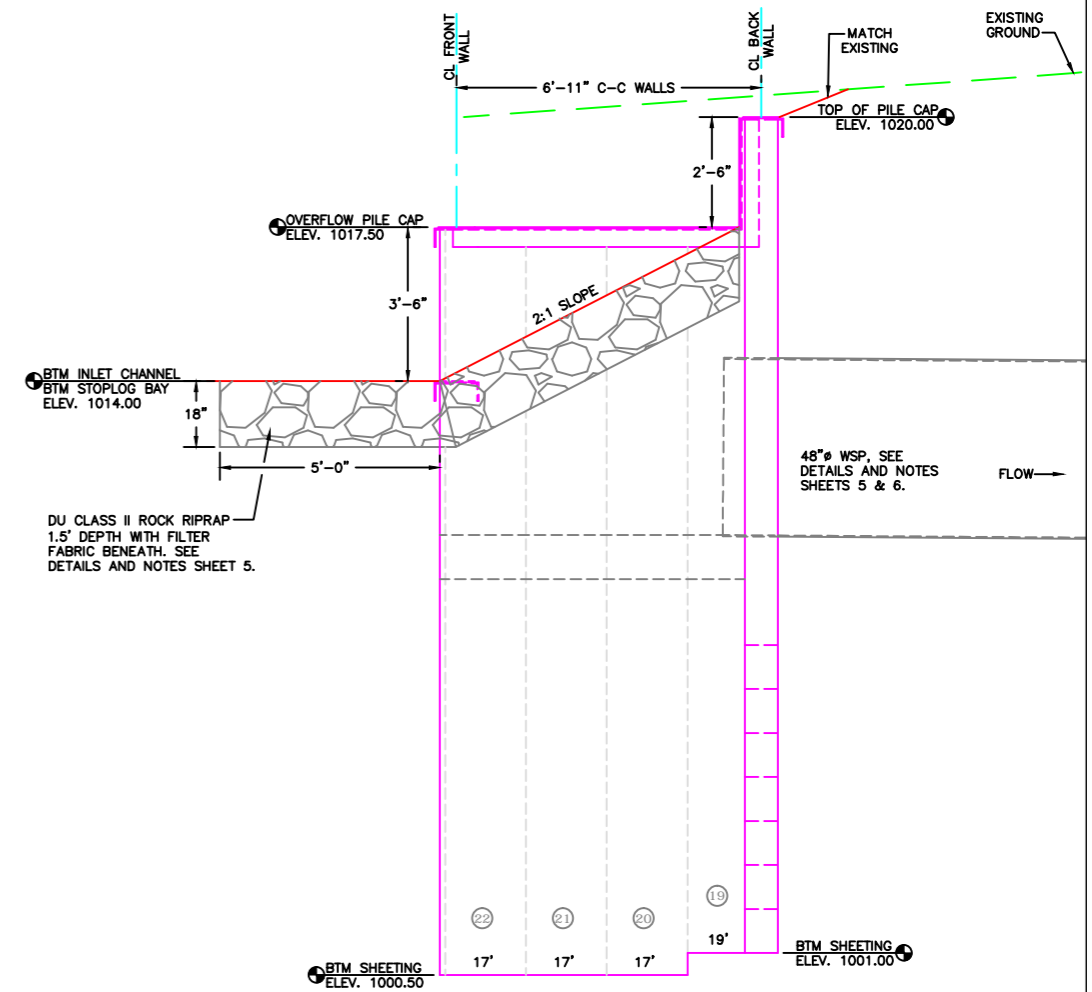
DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 7-23-2015 SHEET NO. 6

PROJECT NO. MN-445-1
SANBORN LAKE
WATER CONTROL STRUCTURE
DETAILS AND NOTES
APPROVED BY: _____

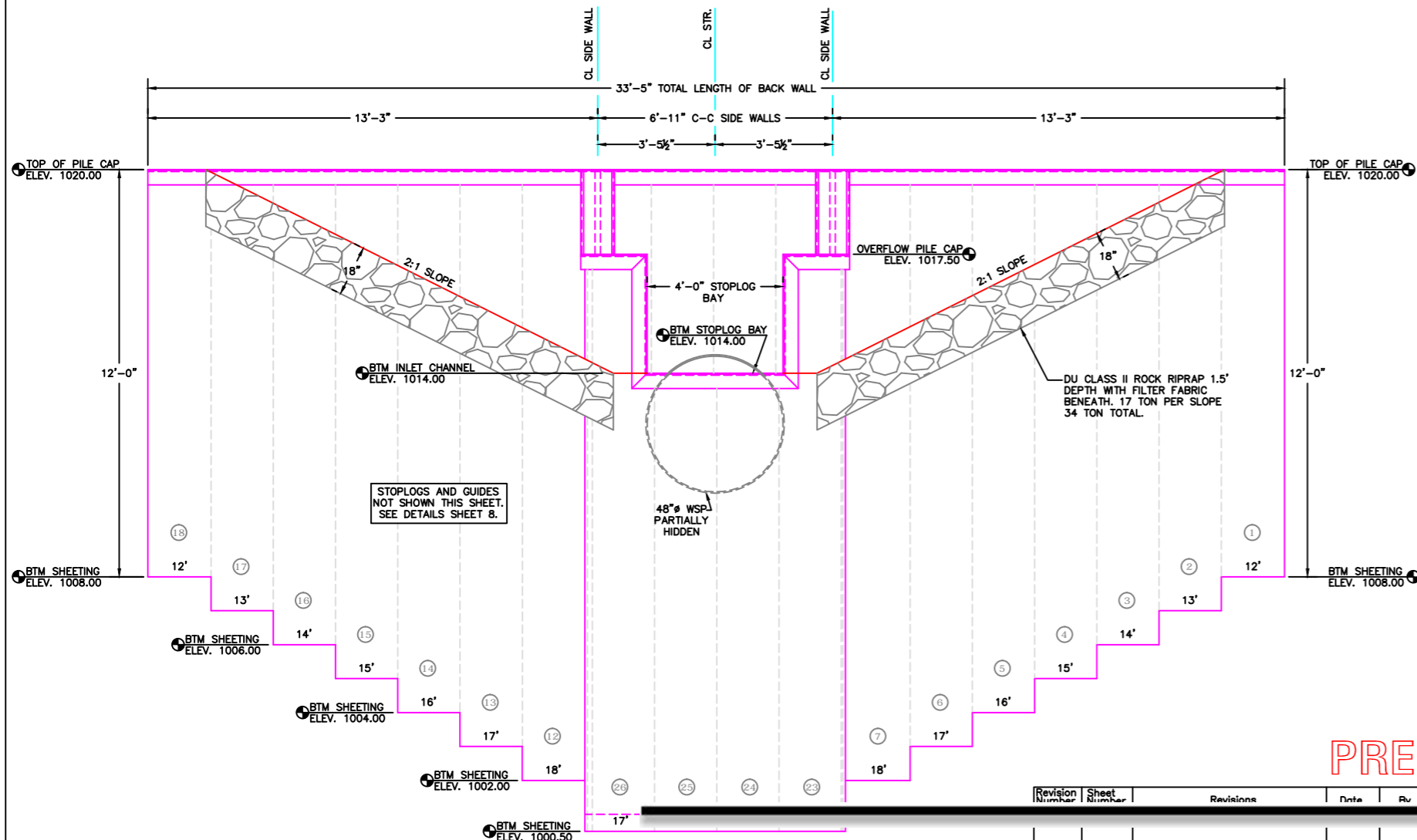
DESIGNED BY: JAS
DRAWN BY: MLO
SURVEYED BY: GLJ
CHECKED BY: _____
APPROVED BY: _____



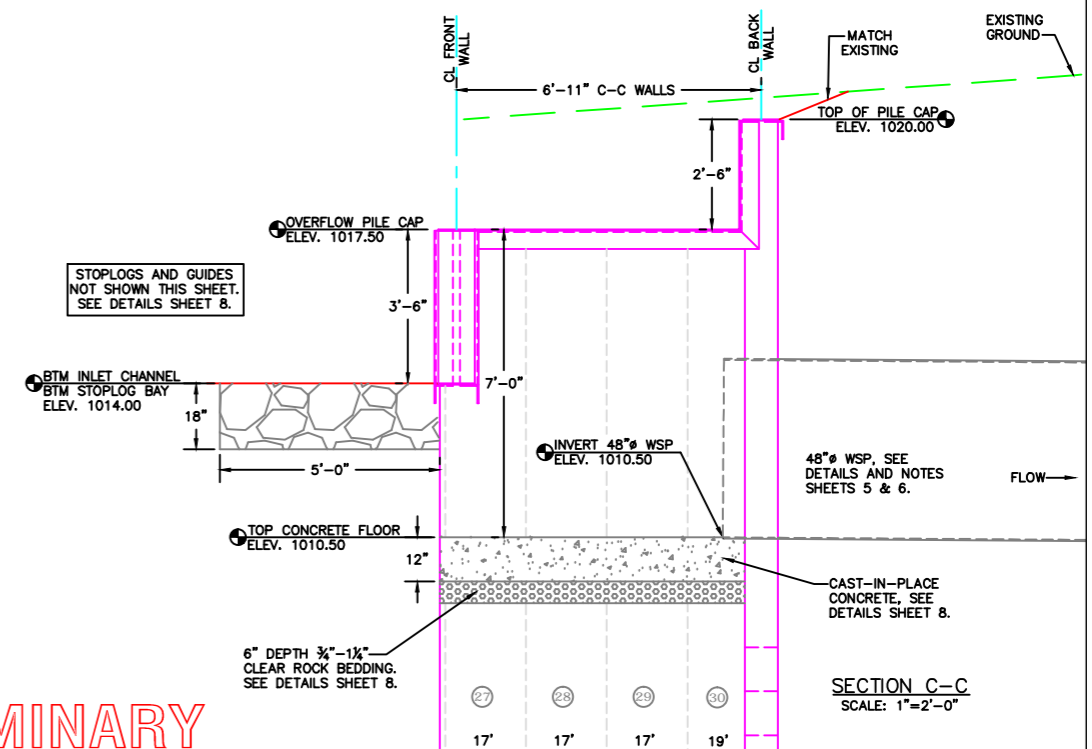
PLAN VIEW WATER CONTROL STRUCTURE
SCALE: 1"=2'-0"



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



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



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

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Board Meeting - 10/6/2015

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

Date

DUCKS UNLIMITED INC.

GREAT PLAINS REGIONAL OFFICE

DATE: 7-23-2015 SHEET NO. 7

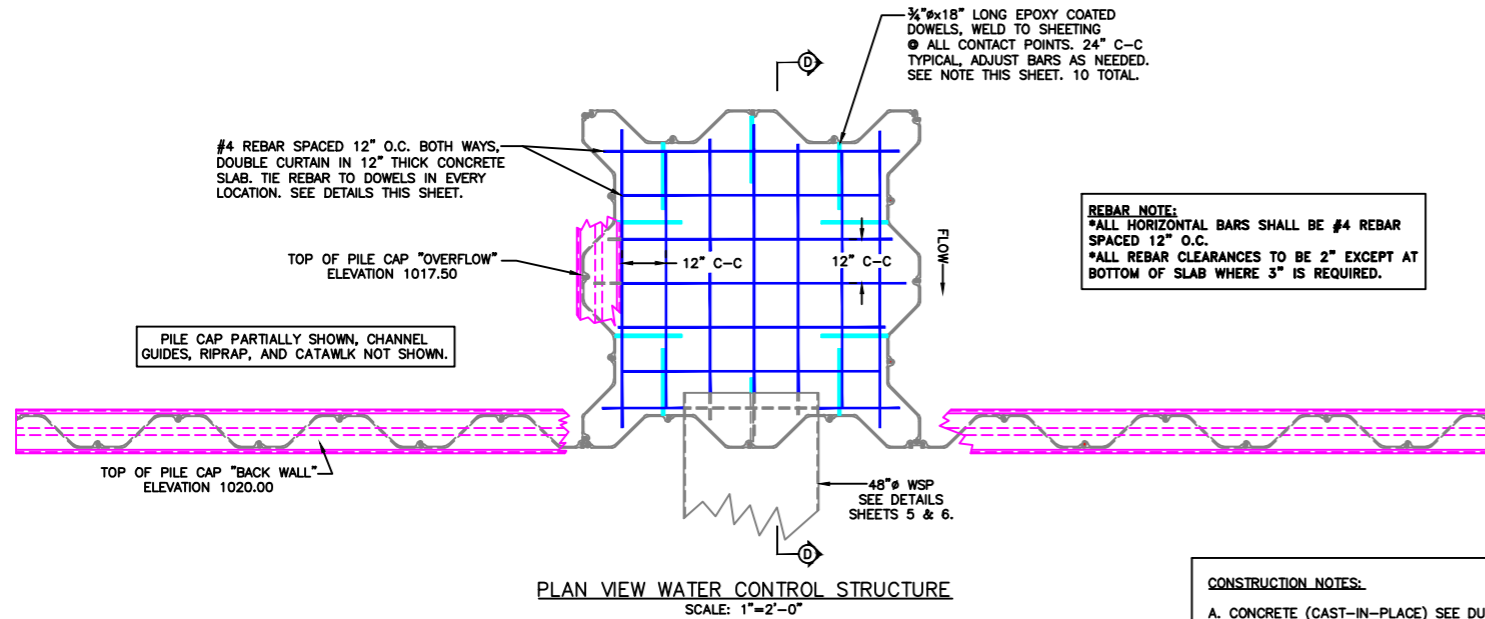
PROJECT NO. MN-445-1

SANBORN LAKE WATER CONTROL STRUCTURE DETAILS AND NOTES

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

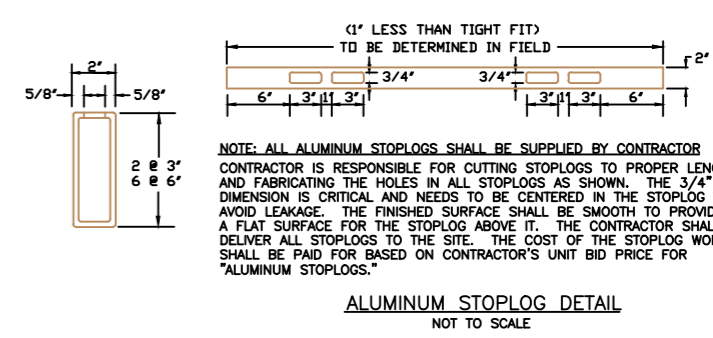
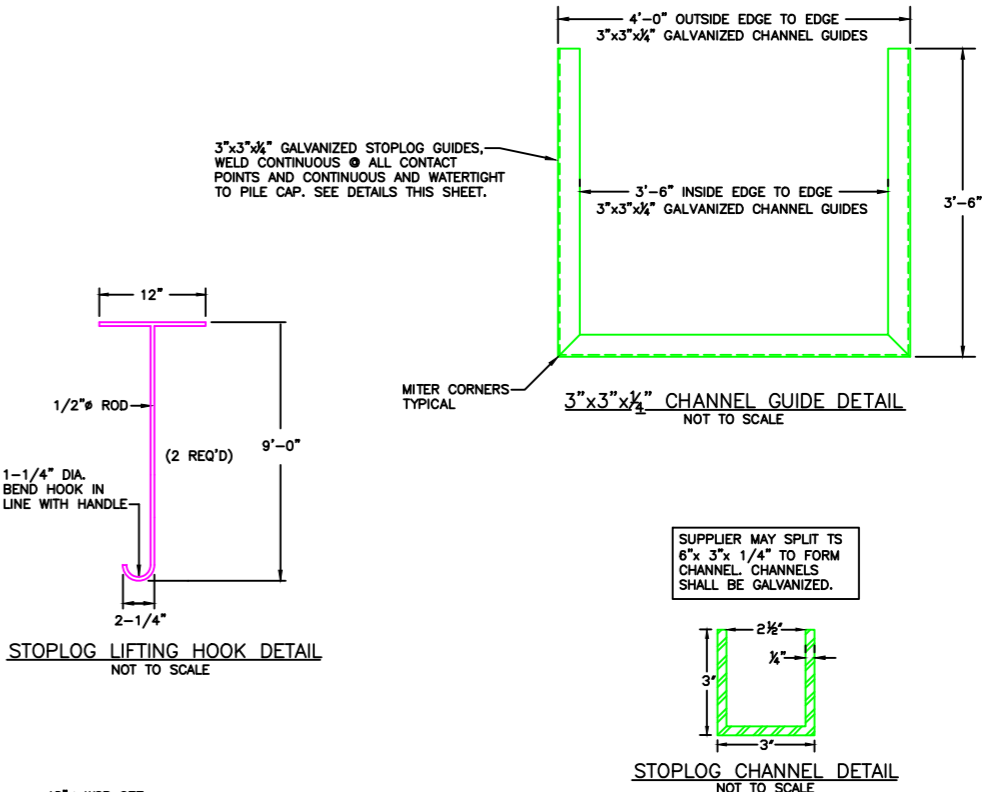
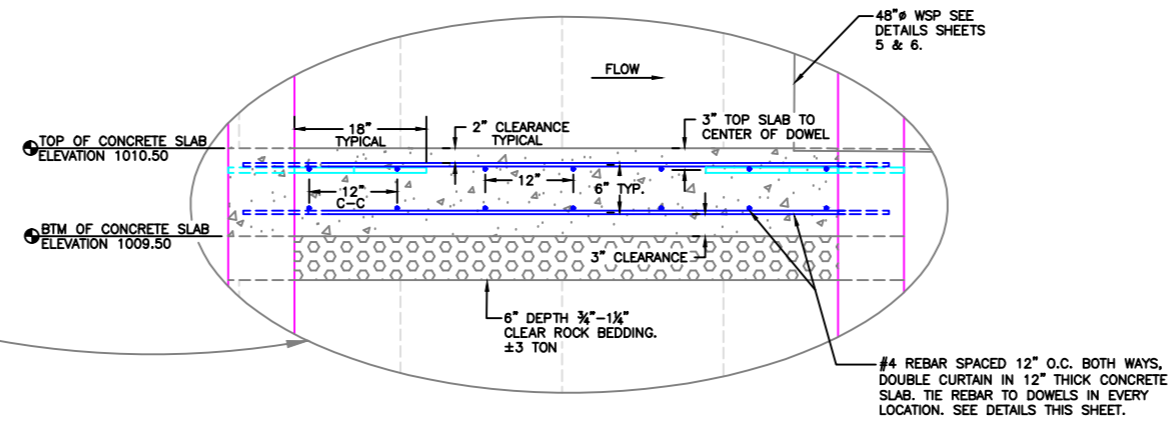
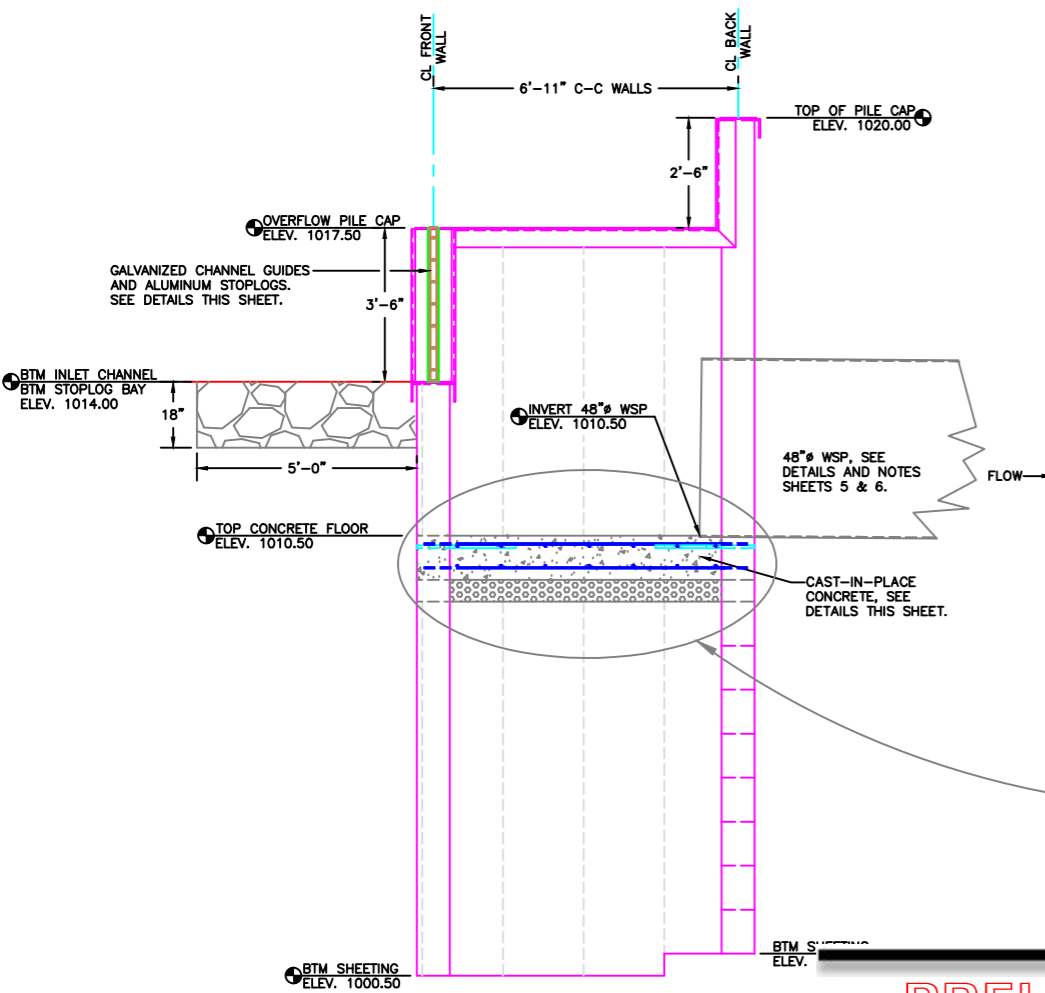
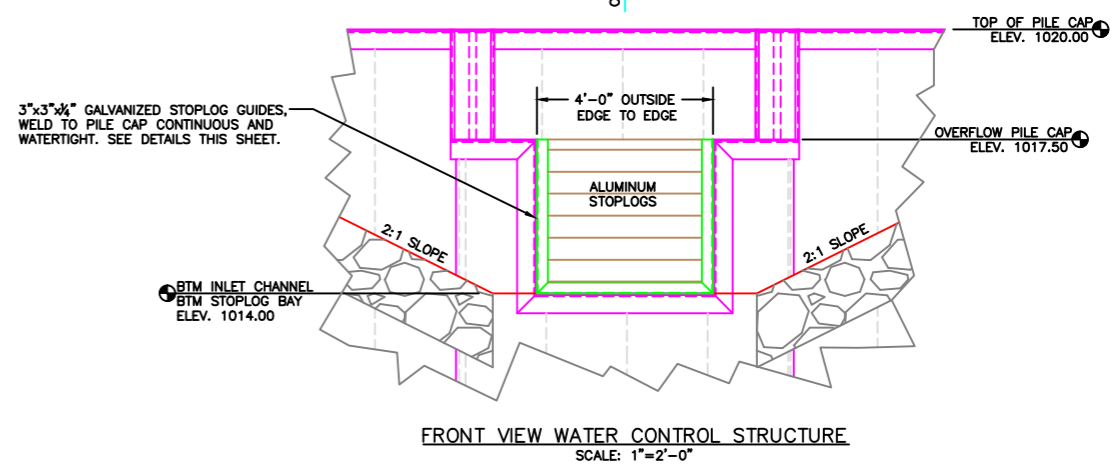
REBAR NOTE:
 *ALL HORIZONTAL BARS SHALL BE #4 REBAR SPACED 12" O.C.
 *ALL REBAR CLEARANCES TO BE 2" EXCEPT AT BOTTOM OF SLAB WHERE 3" IS REQUIRED.

- CONSTRUCTION NOTES:**
- 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"x1/4" GALVANIZED STOPLOG GUIDES	11 L.F.
GALVANIZED STOPLOG LIFTING HOOKS:	
1/2" GALVANIZED ROD LIFTING HOOKS	2 REQ'D
ALUMINUM STOPLOGS:	
2"x3"x1/4" ALUMINUM STOPLOG WITH NO LIFTING HOLES	1 REQ'D
2"x3"x1/4" ALUMINUM STOPLOG WITH LIFTING HOLES	1 REQ'D
2"x6"x1/4" 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.



Revision Number	Sheet Number	Revisions	Date	By	hereby certify that this plan, specification or report was prepared

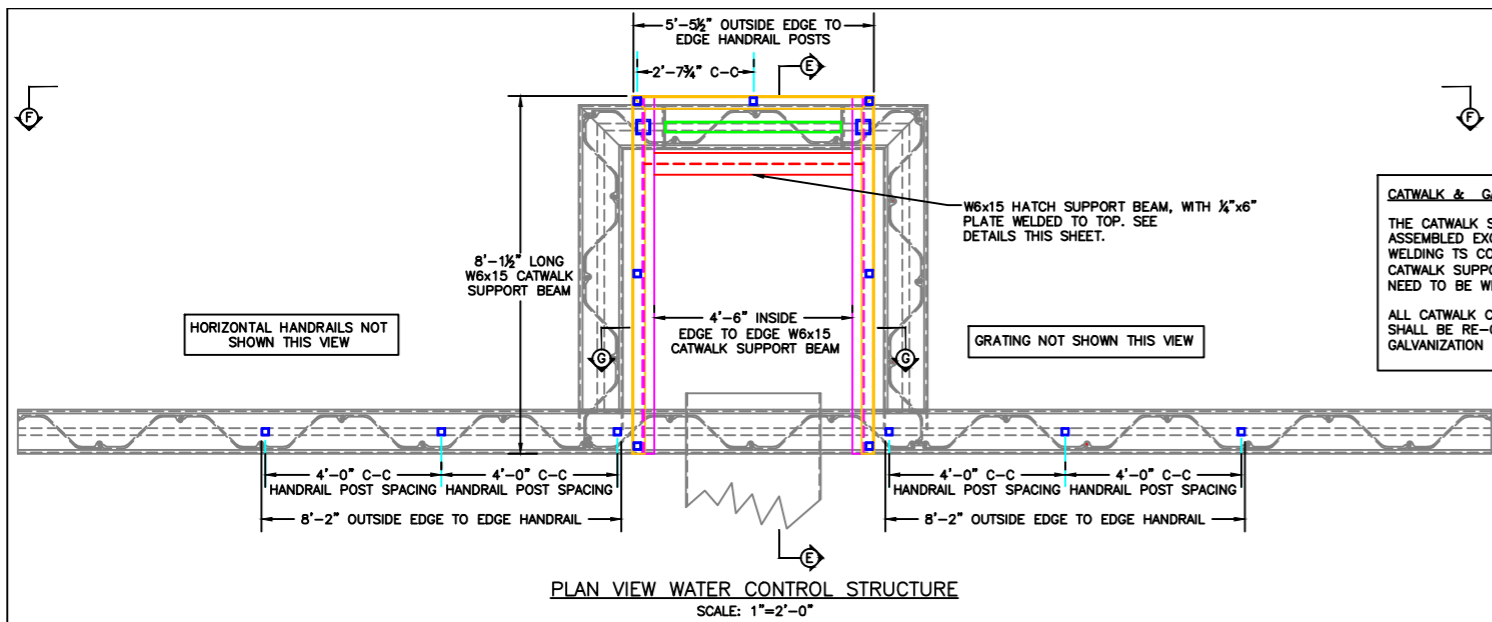
Board Meeting - 10/6/2015

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

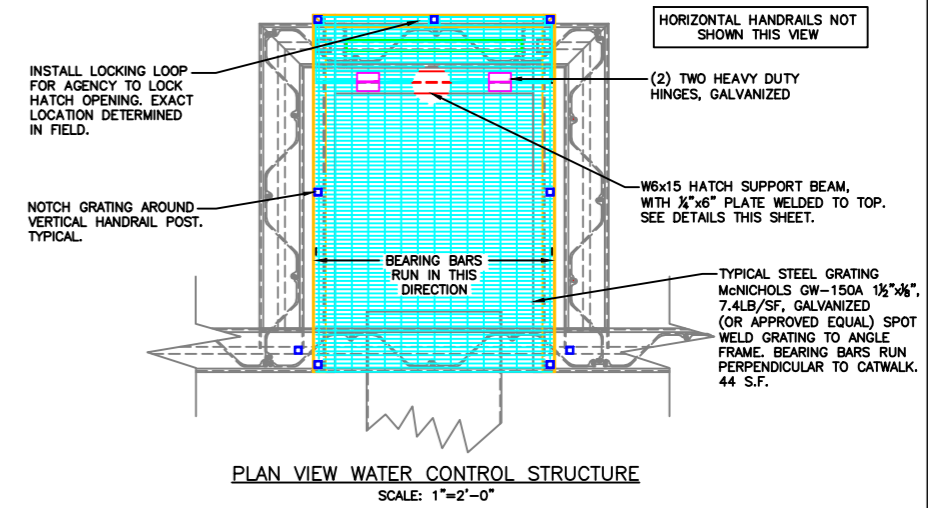
DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 7-23-2015 SHEET NO. B

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

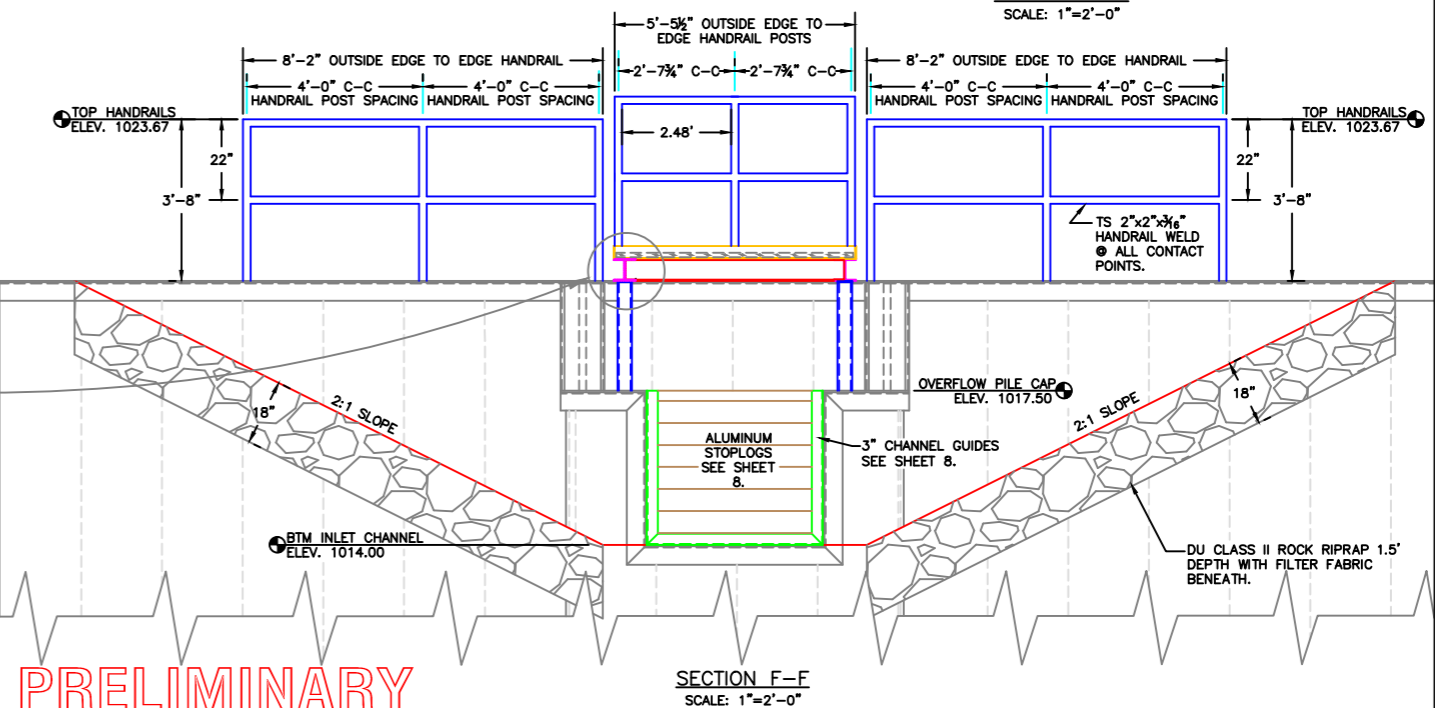
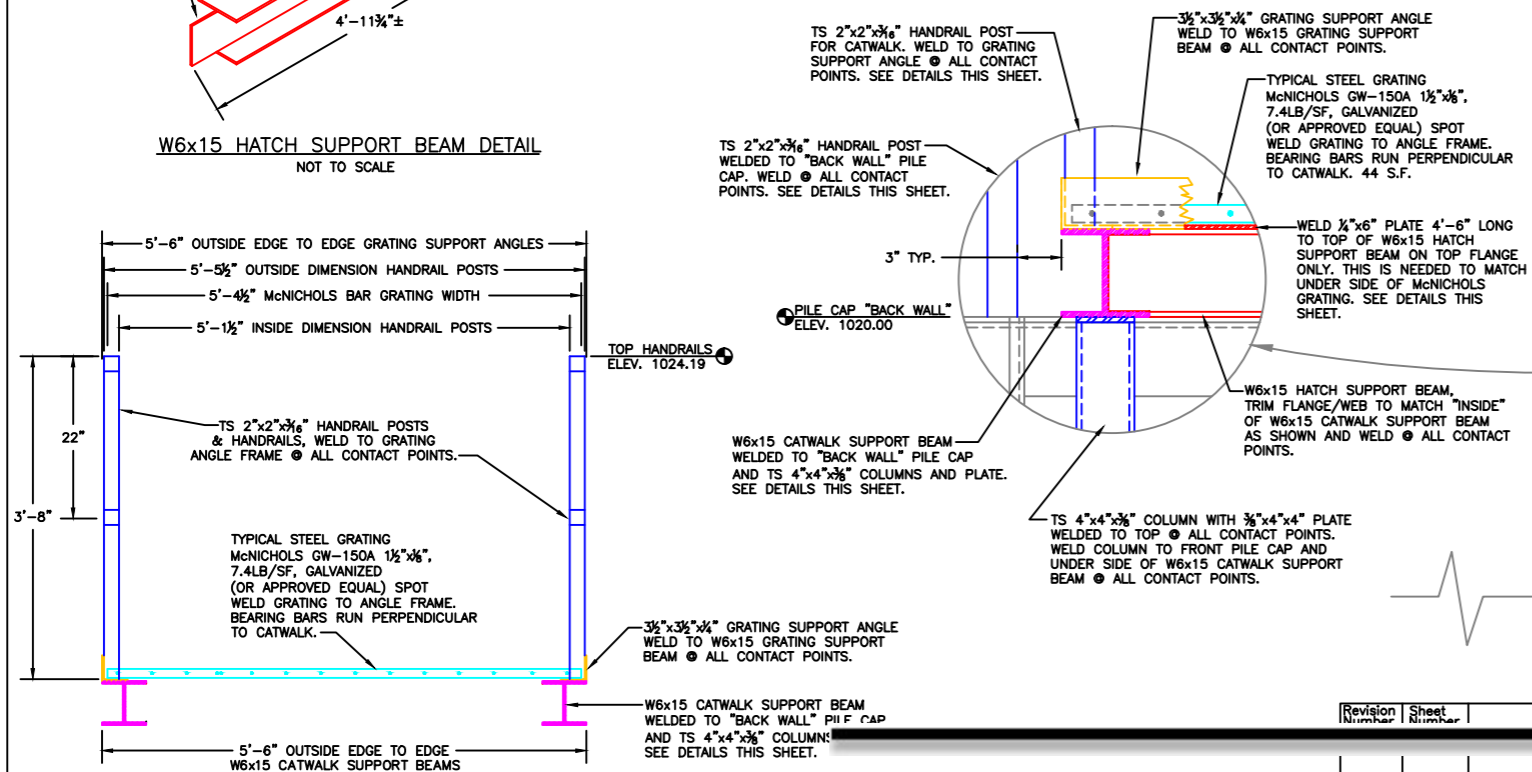
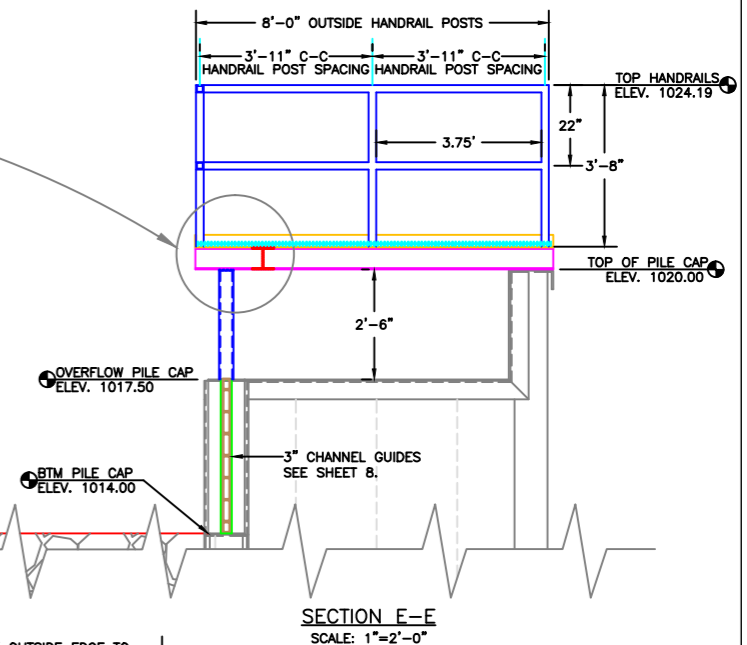
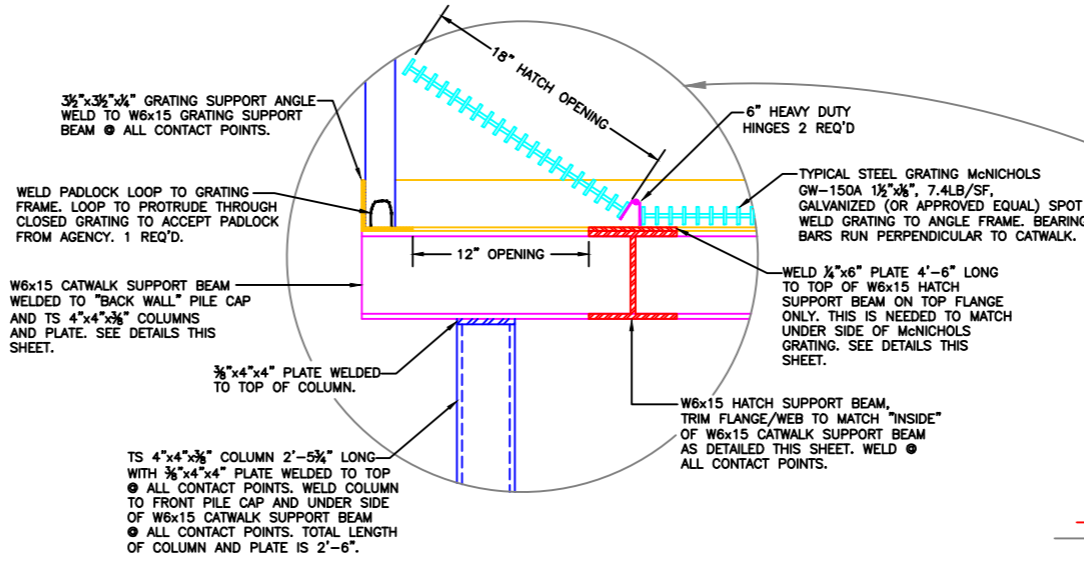
DESIGNED BY: JAS
 DRAWN BY: MLO
 SURVEYED BY: GLJ
 CHECKED BY: .
 APPROVED BY: . APPROVED BY: .



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 1/2" 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.*



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Le Sueur County

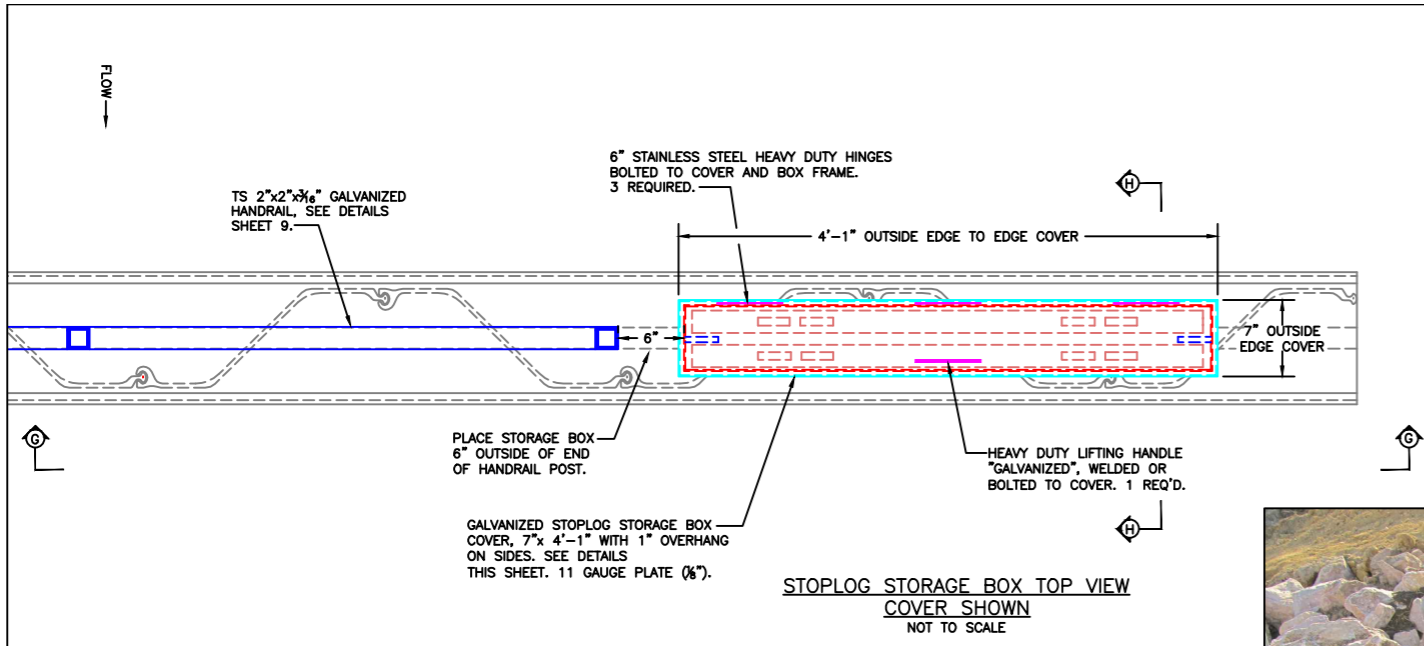
Board Meeting - 10/6/2015

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

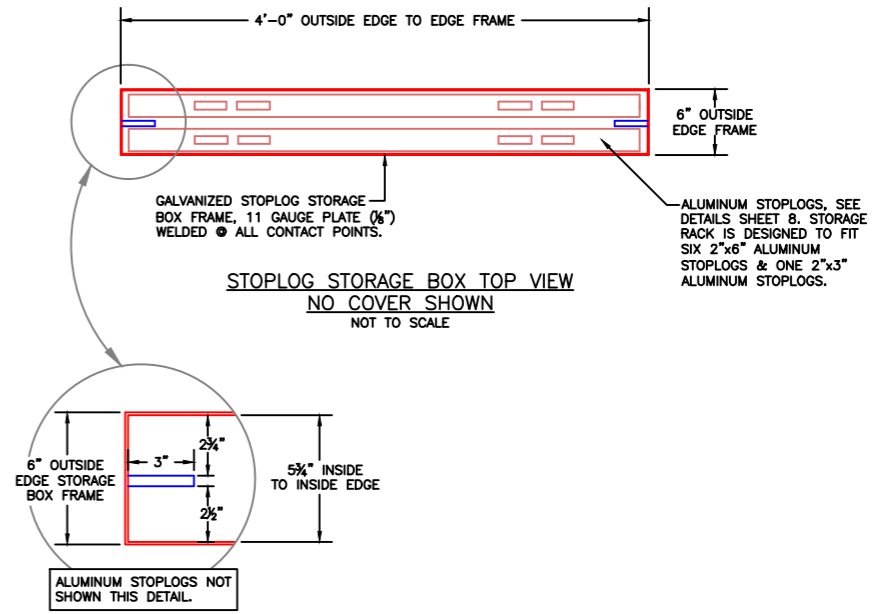
DUCKS UNLIMITED INC.
GREAT PLAINS REGIONAL OFFICE
DATE: 7-23-2015 SHEET NO. 9

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

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

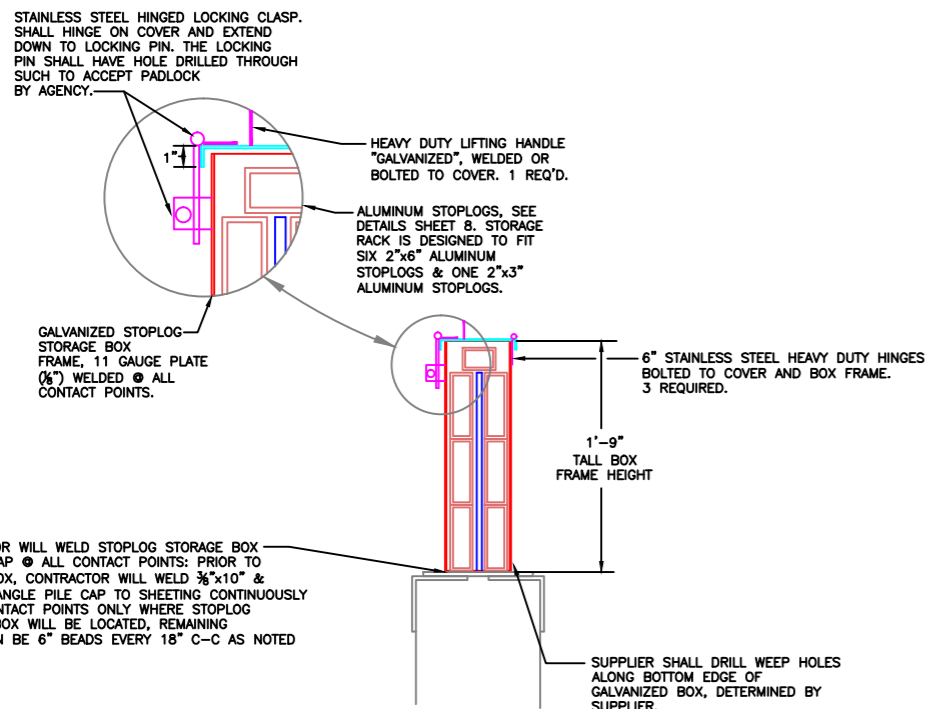


EXAMPLE OF STORAGE BOX MADE BY HALLA INDUSTRIES

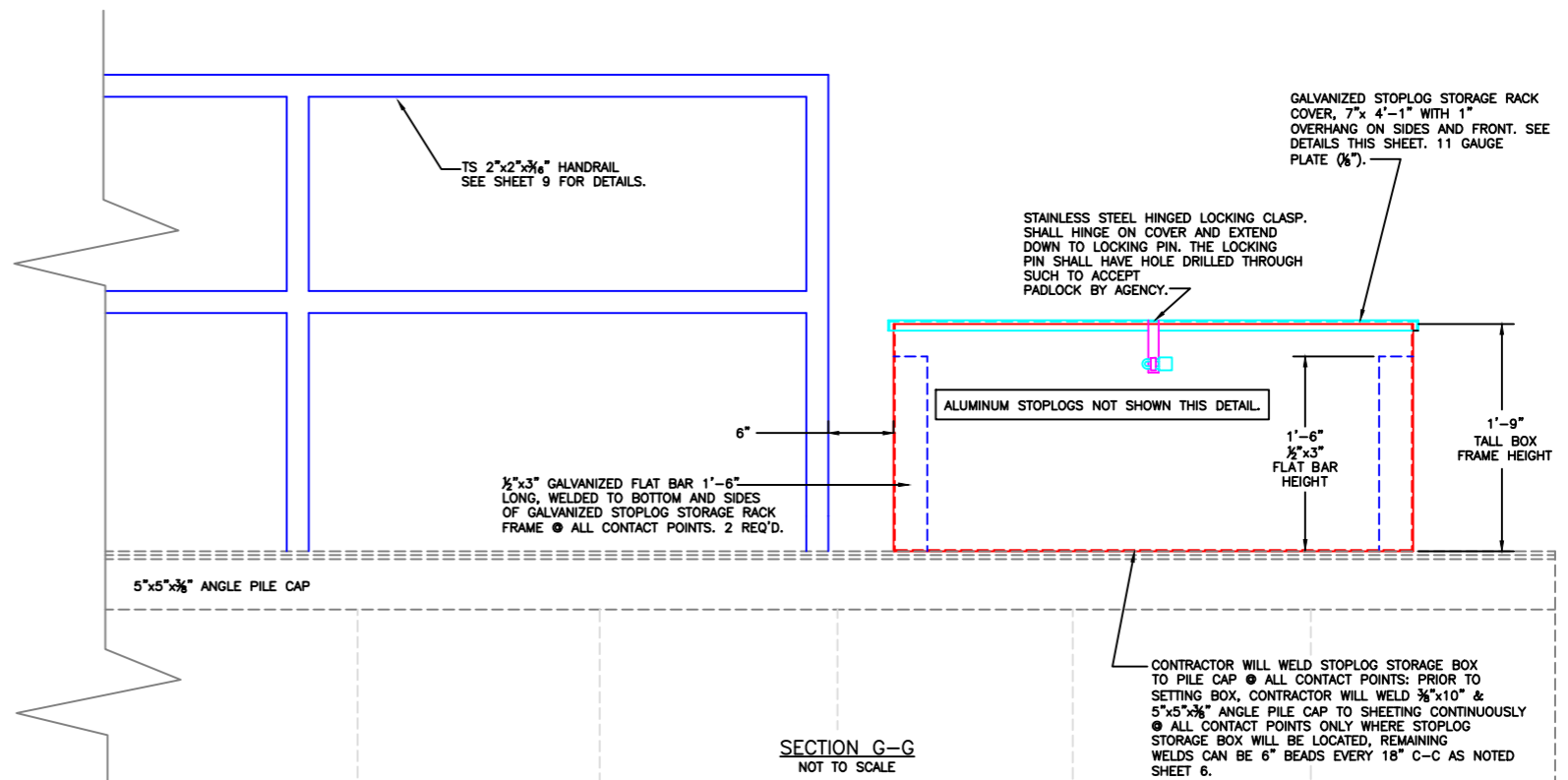


STOPLOG STORAGE BOX NOTES:

- 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."



SECTION H-H
NOT TO SCALE



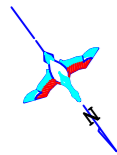
SECTION G-G
NOT TO SCALE

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		Board Meeting - 10/6/2015			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. 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: . APPROVED BY: .



DESIGNATED BORROW/WASTE AREA. SEE NOTE THIS SHEET.

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

FLOW →

0+00 CL INLET CHANNEL
N 16°57'49.84"
E 1496.66844'
BTM ELEV. 1014.00

PLAN VIEW INLET CHANNEL
SCALE: 1"=100'-0"

17+33.58 P.I. INLET CHANNEL
N 16°56'08.46"
E 1496.66844'
BTM ELEV. 1014.00

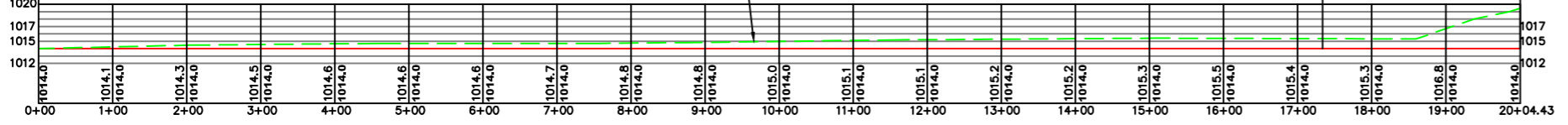
20+04.43 END INLET CHANNEL
N 16°56'08.46"
E 1496.66844'
BTM ELEV. 1014.00

0+00 BEGIN INLET CHANNEL
BTM ELEV. 1014.00

EXISTING GROUND

17+33.58 P.I. INLET CHANNEL
BTM ELEV. 1014.00

20+04.43 END INLET CHANNEL
BTM ELEV. 1014.00



CL PROFILE INLET CHANNEL
SCALE: 1"=100'-0" HORIZONTAL
1"=10'-0" VERTICAL

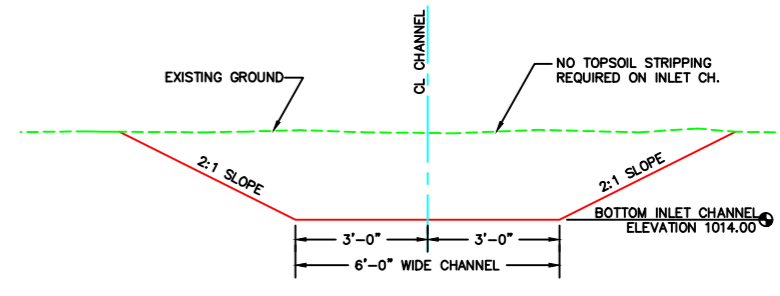
ESTIMATED QUANTITIES:
INLET CHANNEL: 950 C.Y.*
*THIS IS FOR INFORMATION ONLY. PAYMENT WILL BE BASED ON LINEAR FOOT.

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.



TYPICAL INLET CHANNEL SECTION
SCALE: 1"=2'-0"

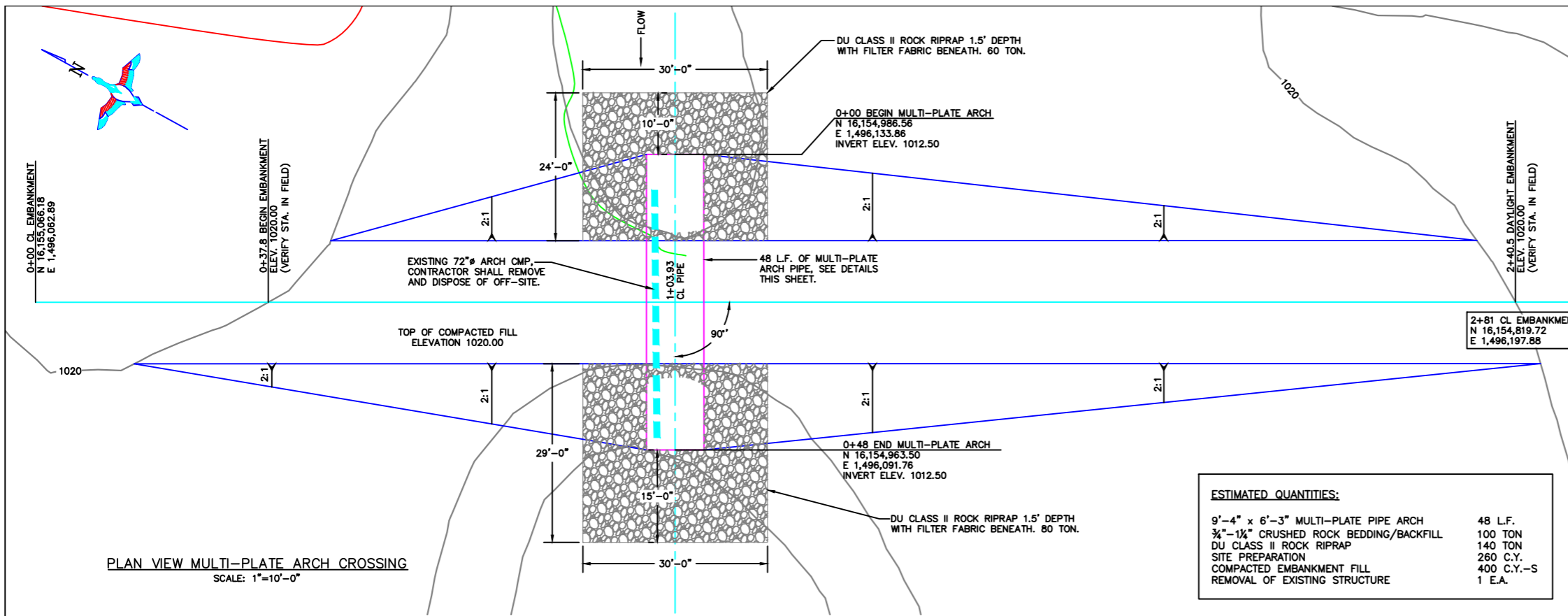
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		Board Meeting - 10/6/2015			James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

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."

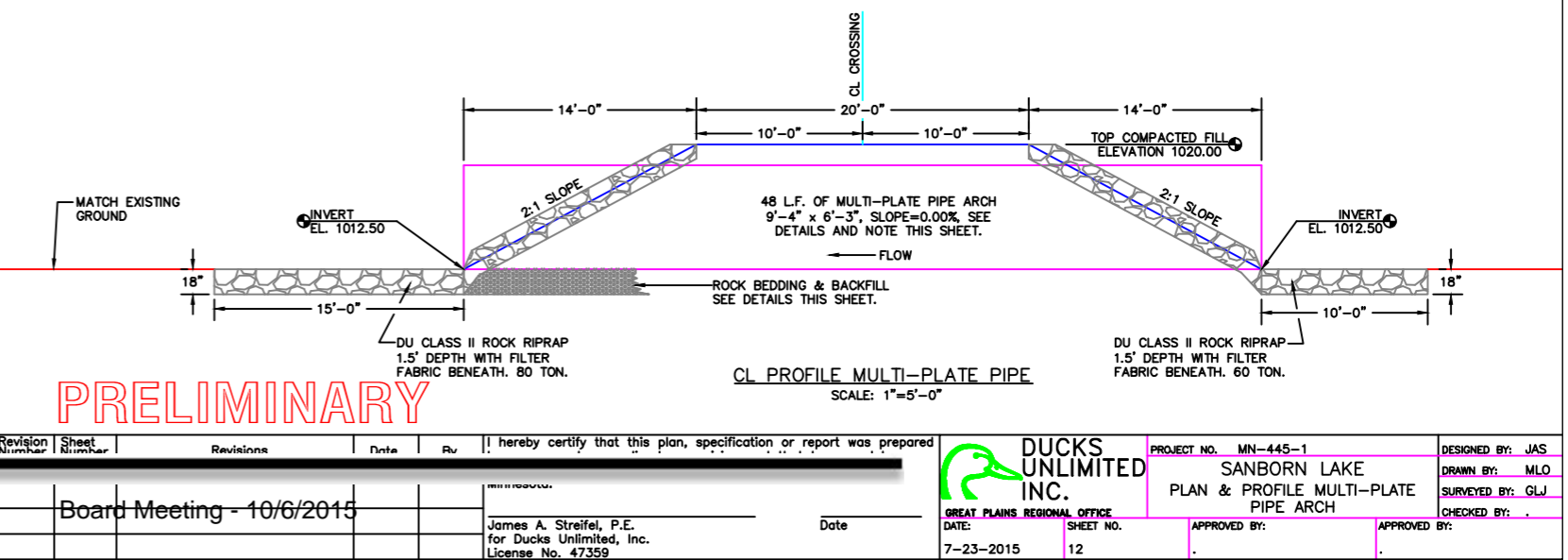
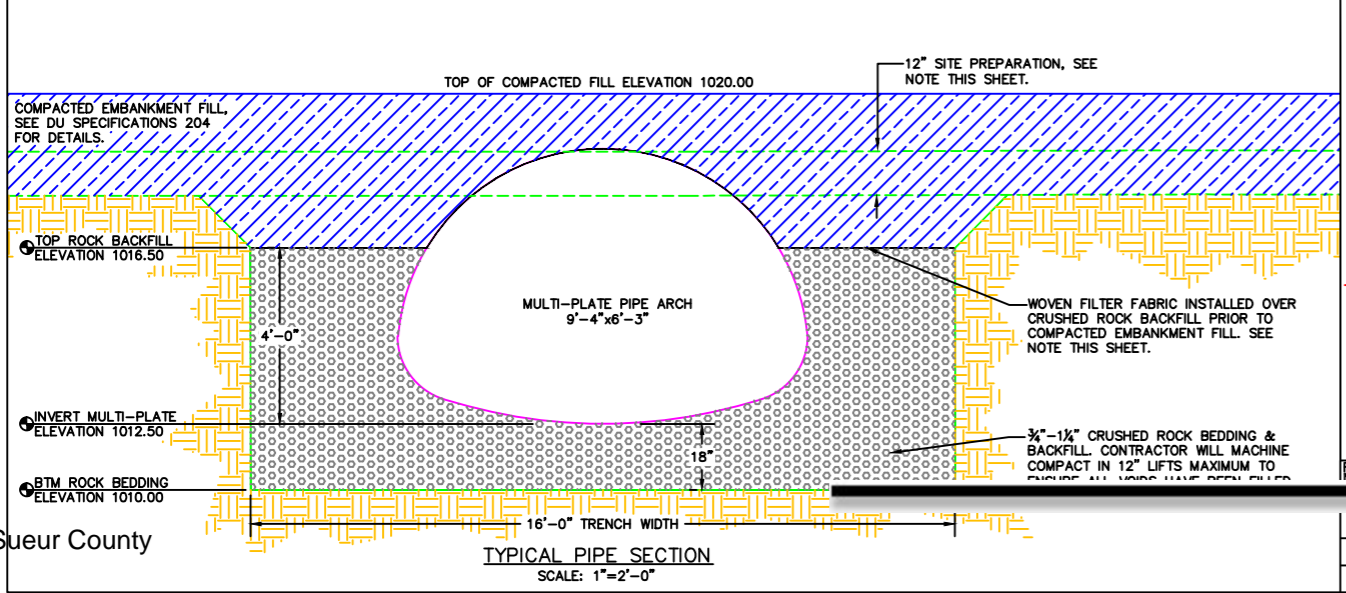
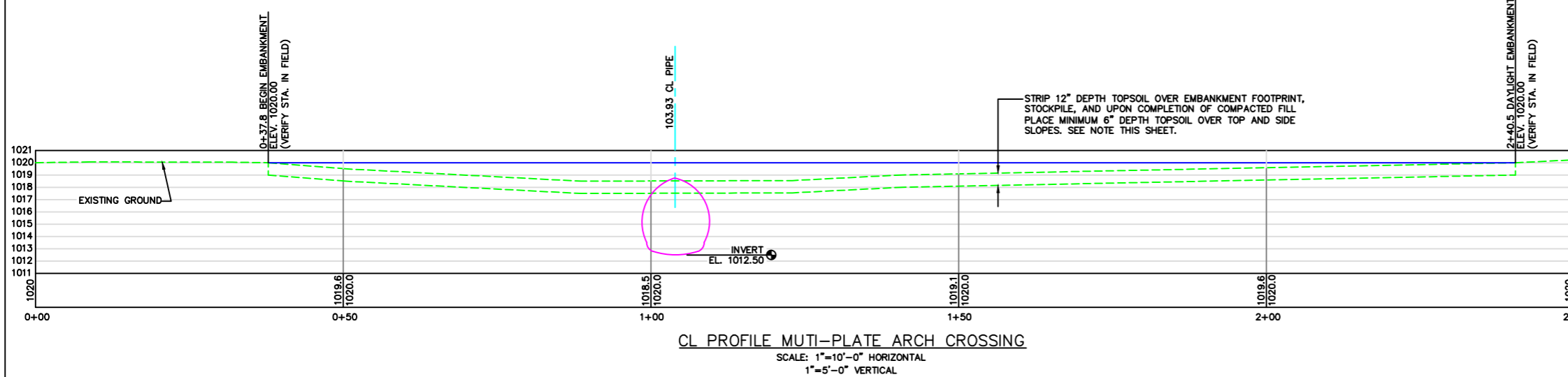
RIPRAP NOTE:
 DU CLASS II ROCK RIPRAP SHALL BE INSTALLED ON THE UPSTREAM SIDE OF THE RCP, 1.5' DEPTH WITH FILTER FABRIC BENEATH. CONTRACTOR WILL RIPRAP 10' UPSTREAM OF PIPE AND SIDE SLOPES TO ELEVATION 1020.00 AS SHOWN. ROCK SHALL BE MACHINE COMPACTED TO ENSURE A STABLE/UNIFORM LOOK. ALL EXCAVATION REQUIRED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



PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By

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

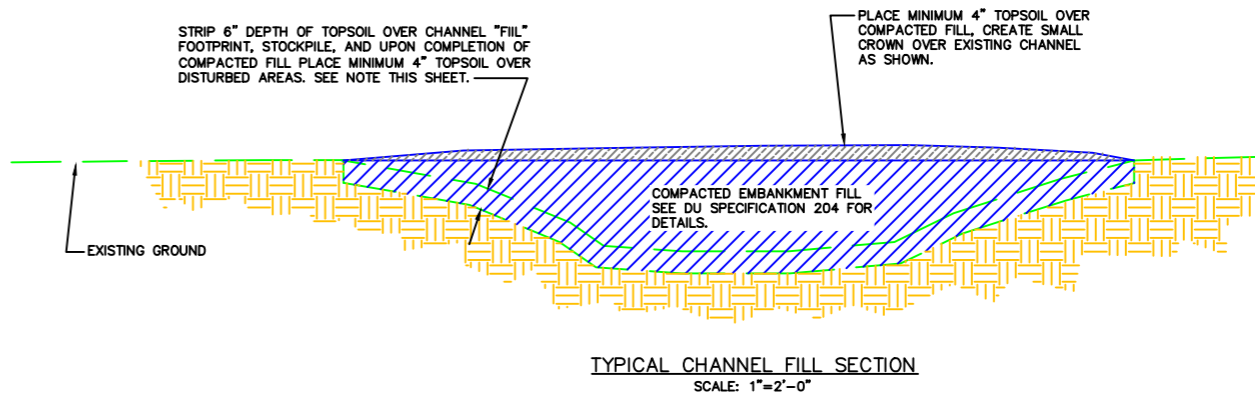
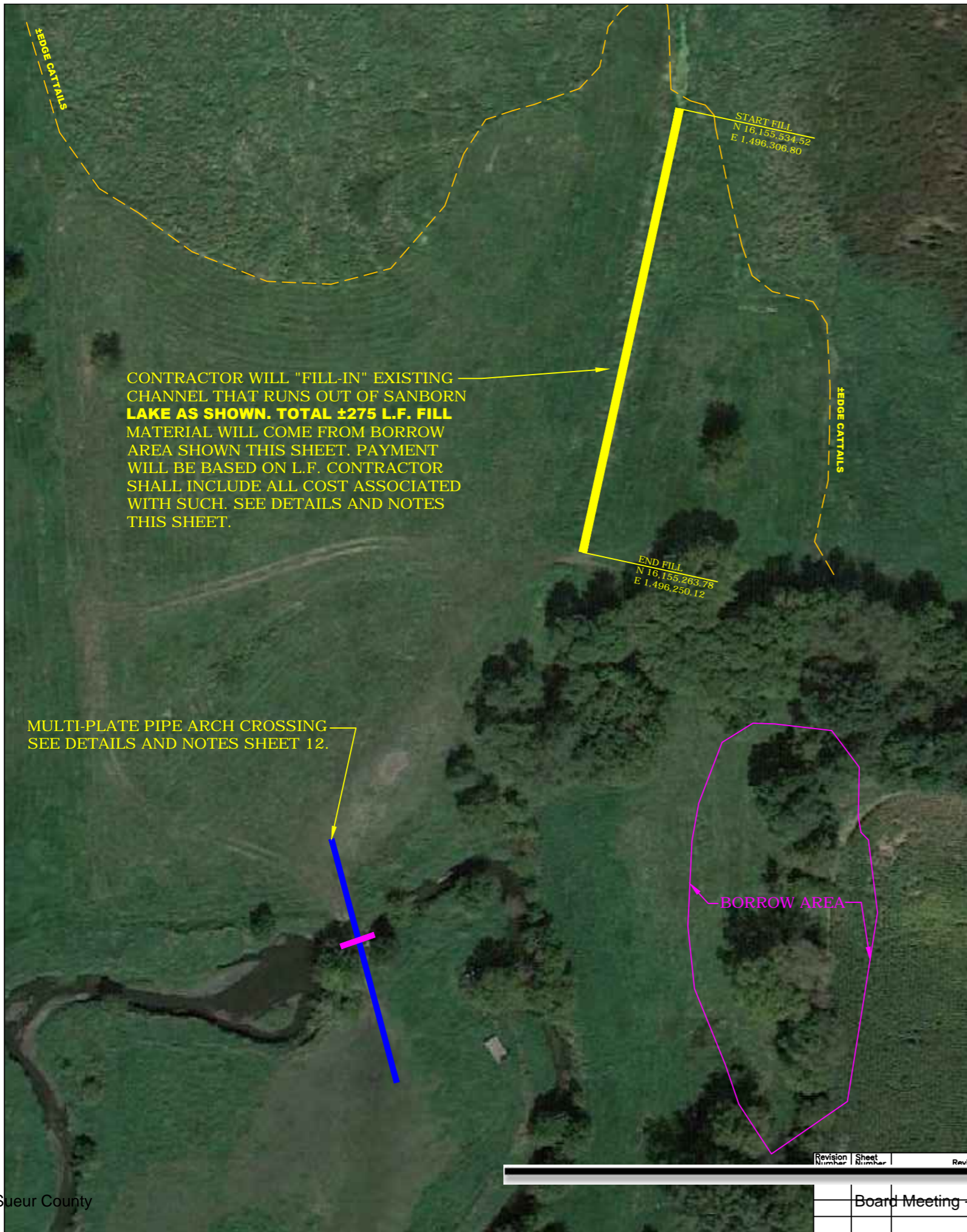
James A. Streifel, P.E.
 for Ducks Unlimited, Inc.
 License No. 47359

Date

DUCKS UNLIMITED INC.
 GREAT PLAINS REGIONAL OFFICE
 DATE: 7-23-2015 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:

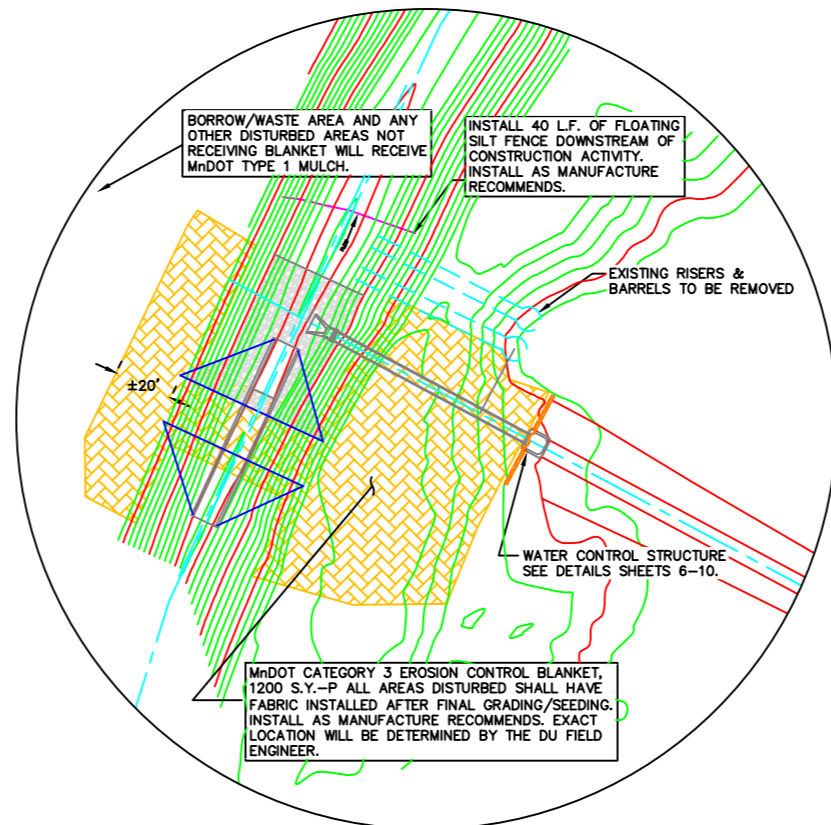
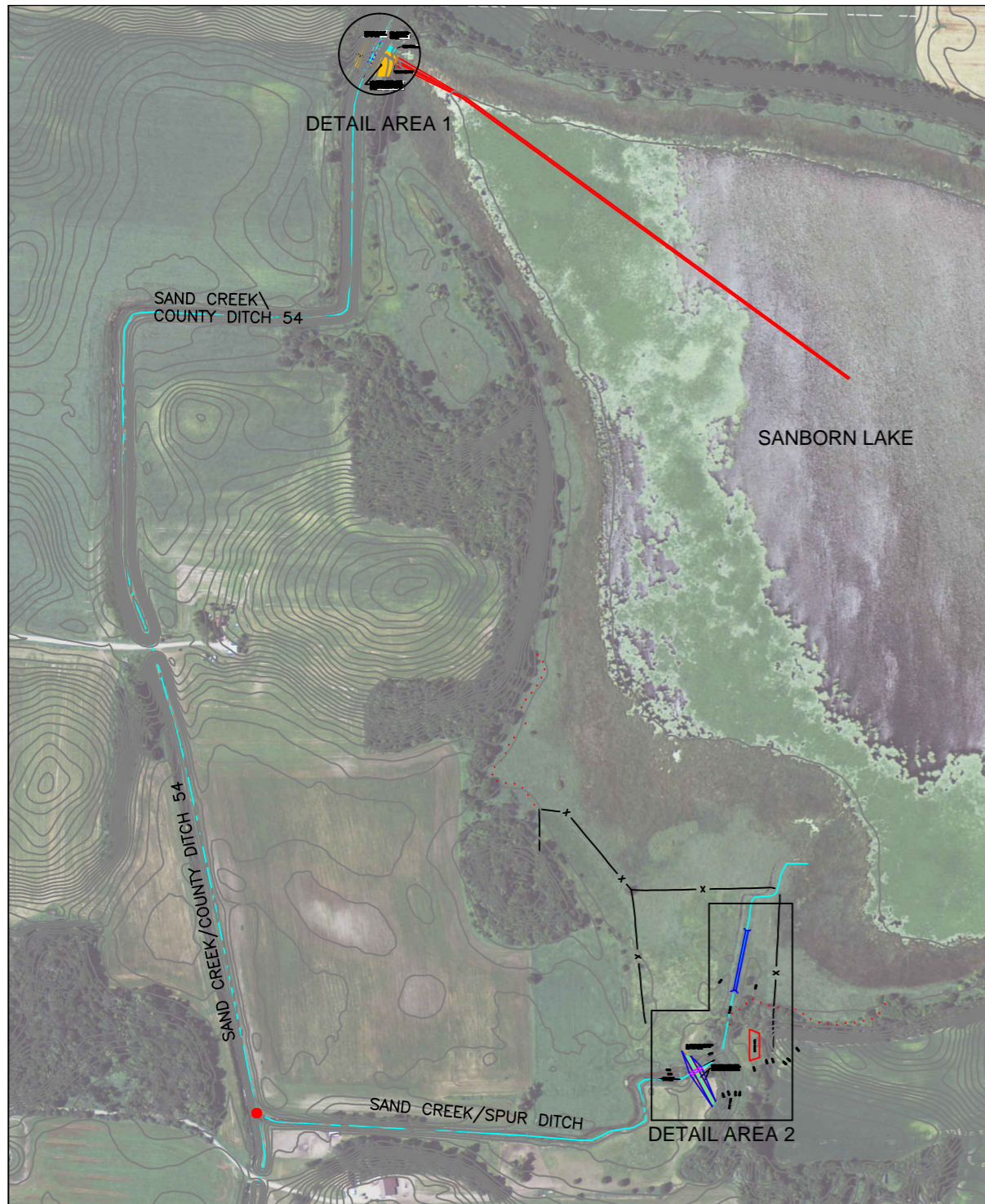
THE CONTRACTOR WILL "FILL-IN" THE EXISTING CHANNEL THAT LEADS OUT OF SANBORN LAKE AS SHOWN THIS SHEET. TOTAL OF 275 L.F. OF EXISTING CHANNEL WILL NEED TO BE FILLED. SUCH WORK SHALL CONSIST OF: STRIPING 6" TOPSOIL OVER EXISTING CHANNEL FOOTPRINT, STOCKPILING, PLACING COMPACTED FILL TO MATCH EXISTING SIDE 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.

PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By	I hereby certify that this plan, specification or report was prepared
		Board Meeting - 10/6/2015			
					James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359
					Date

GREAT PLAINS REGIONAL OFFICE		PROJECT NO. MN-445-1	DESIGNED BY: JAS
DATE: 7-23-2015	SHEET NO. 13	SANBORN LAKE PLAN VIEW EXISTING CHANNEL FILL	DRAWN BY: MLO
			SURVEYED BY: GLJ
			CHECKED BY:
		APPROVED BY:	APPROVED BY:

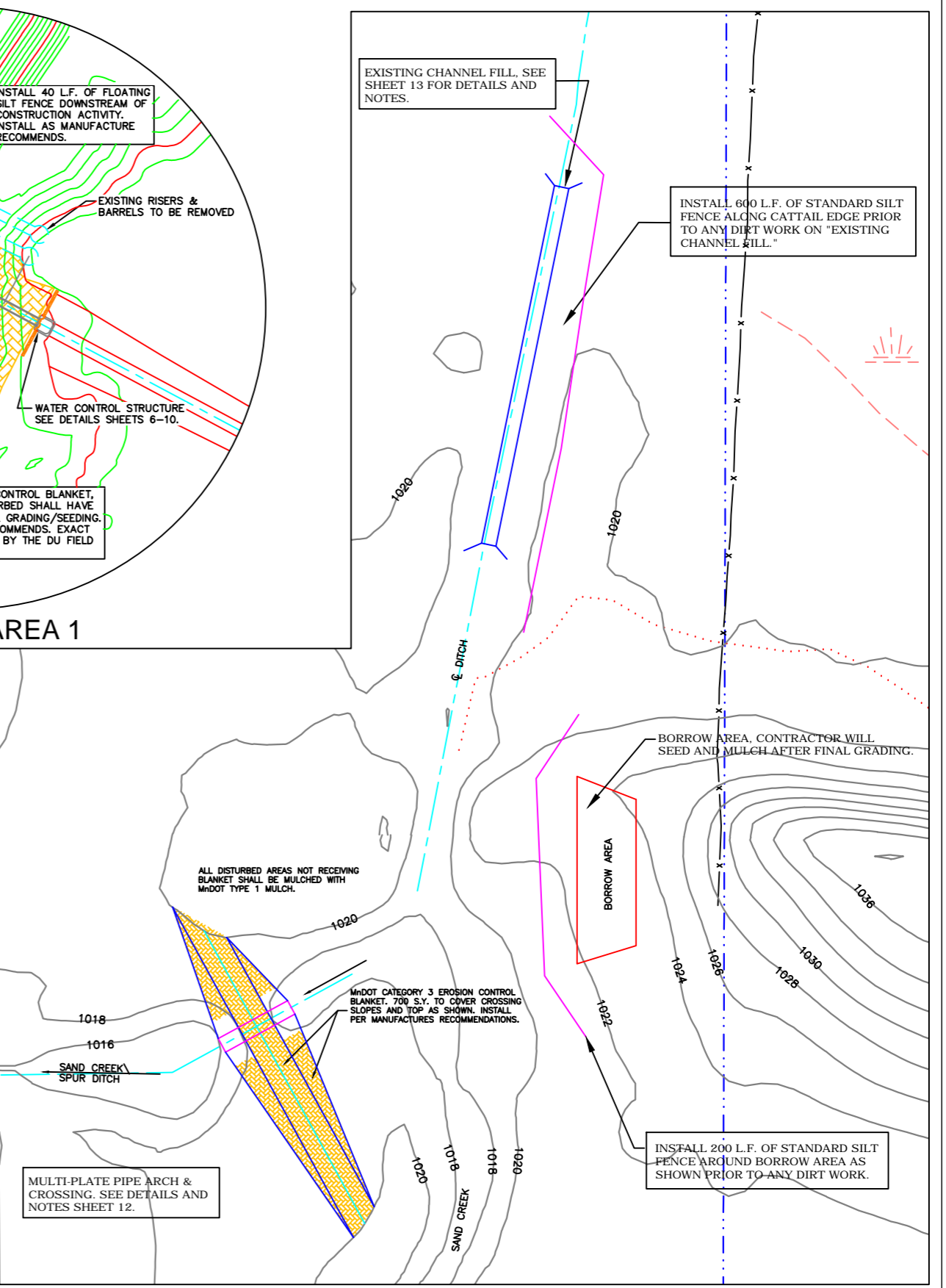


DETAIL AREA 1

- 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
Gramma, 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
Dttr Silty Loam (46B)	0.10	6%	0.32	CL
Caron Muck (524)	0.85	50%	0.02	PT

SEED MIX NOTE: MINNESOTA DNR SHALL APPROVE FINAL SEED MIX. IF MIX DIFFERS FROM THAT SHOWN, DNR WILL PROVIDE A LOCAL NATIVE SEED MIX.

PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By	I hereby certify that this plan, specification or report was prepared
		Board Meeting - 10/6/2015			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. 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.

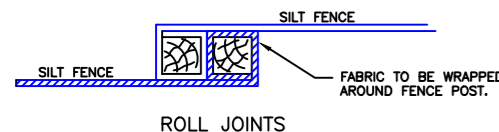
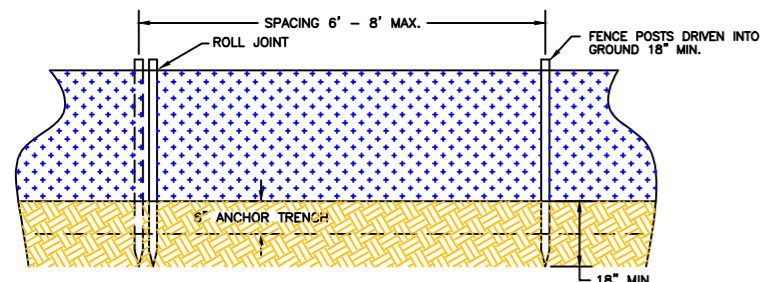
James A. Streifel, P.E., Regional Engineer for Ducks Unlimited, Inc. prepared the SWPPP. He successfully completed the "Design of Storm Water Pollution Prevention Plans" training course sponsored by the University of Minnesota (Nov. 16-17, 2009, Mankato, MN) and recertification course (Feb. 4, 2013, St. Cloud, MN). His certification expires May 31, 2016.

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.

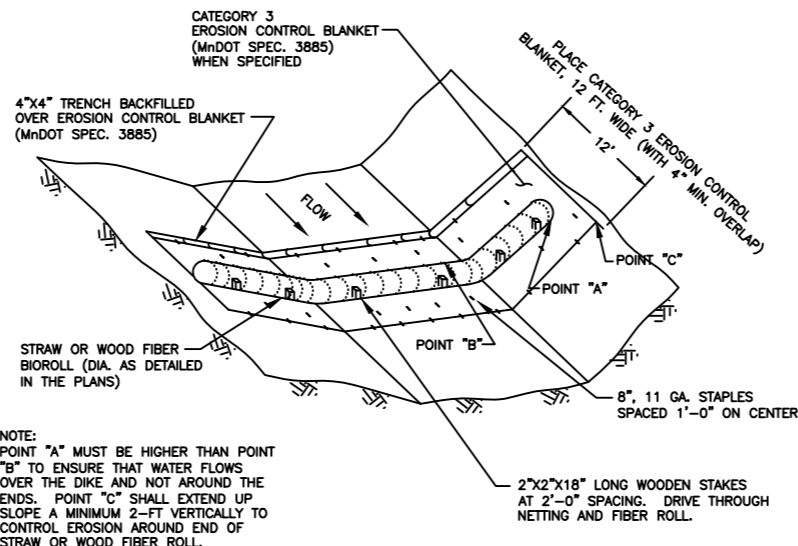
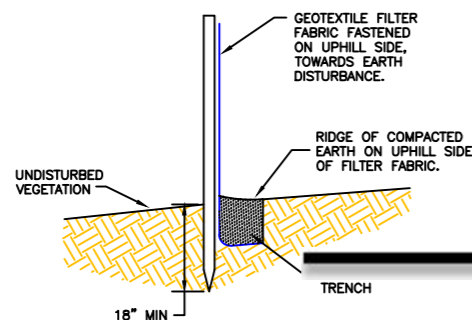
SILT FENCE NOTES:

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

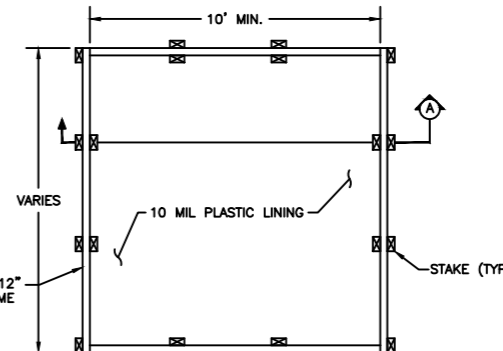


NOTE: POINT "A" MUST BE HIGHER THAN POINT "B" TO ENSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS. POINT "C" SHALL EXTEND UP SLOPE A MINIMUM 2-FT VERTICALLY TO CONTROL EROSION AROUND END OF STRAW OR WOOD FIBER ROLL.

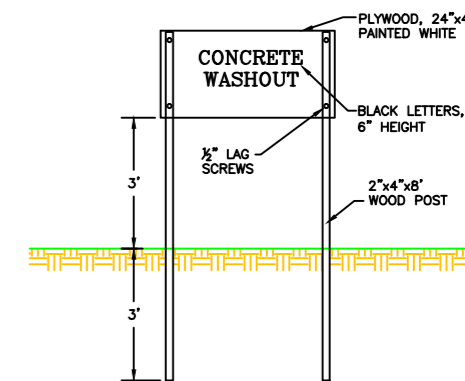
TEMPORARY DITCH CHECK DETAIL
NOT TO SCALE

NOTES

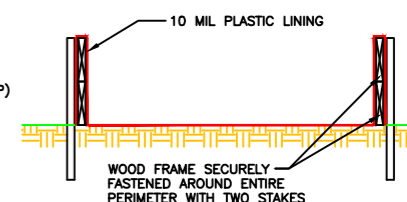
1. ACTUAL LAYOUT SHALL BE DETERMINED IN THE FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.



CONCRETE WASHOUT PLAN VIEW
TYPE - ABOVE GRADE



CONCRETE WASHOUT SIGN DETAIL (OR EQUIVALENT)



SECTION A-A

PRELIMINARY

Revision Number	Sheet Number	Revisions	Date	By	! hereby certify that this plan, specification or report was prepared
		Board Meeting - 10/6/2015			James A. Streifel, P.E. for Ducks Unlimited, Inc. License No. 47359

<p>DUCKS UNLIMITED INC. GREAT PLAINS REGIONAL OFFICE DATE: 7-23-2015 SHEET NO. 15</p>	<p>PROJECT NO. MN-445-1 SANBORN LAKE STORM WATER POLLUTION PREVENTION PLAN</p>	<p>DESIGNED BY: JAS DRAWN BY: MLO SURVEYED BY: GLJ CHECKED BY:</p>
	<p>APPROVED BY:</p>	<p>APPROVED BY:</p>

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

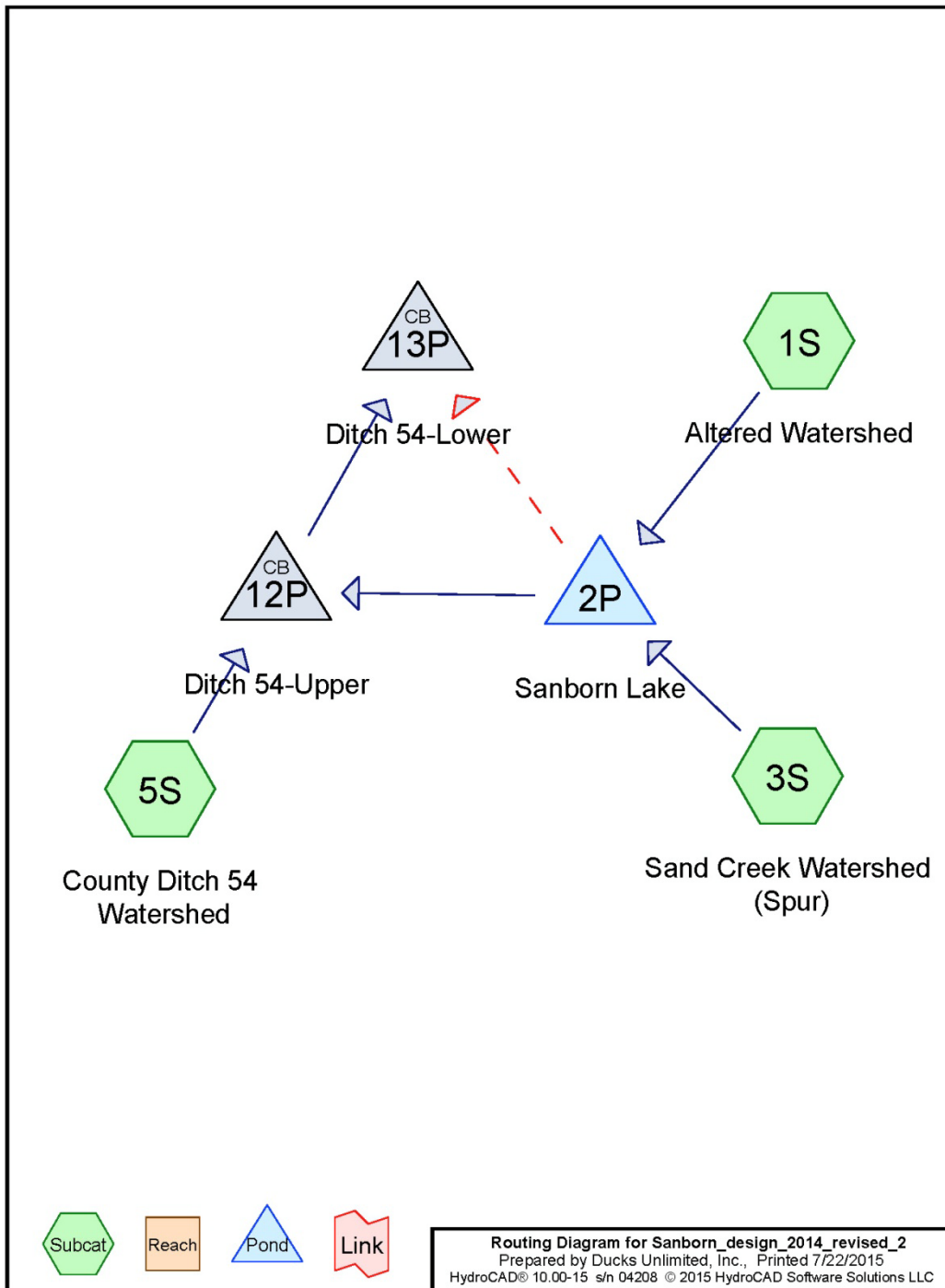


Figure 1. HydroCAD Routing Diagram

Sanborn Lake Design Report

Ducks Unlimited, Inc.

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

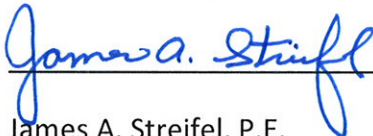
	Inflow (cfs)	Spur Ditch Flow (cfs)	Structure Flow (cfs)	Elevation (feet)
1-Year	139	136	1	1017.65
2-Year	186	139	4	1017.76
5-Year	327	158	38	1018.36
10-Year	454	191	95	1019.0
25-Year	646	232	180	1019.76
50-Year	802	263	195	1020.34
100-Year	972	297	205	1020.95

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

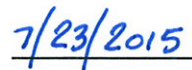
Table 4. Stage Discharge for Design Conditions

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.

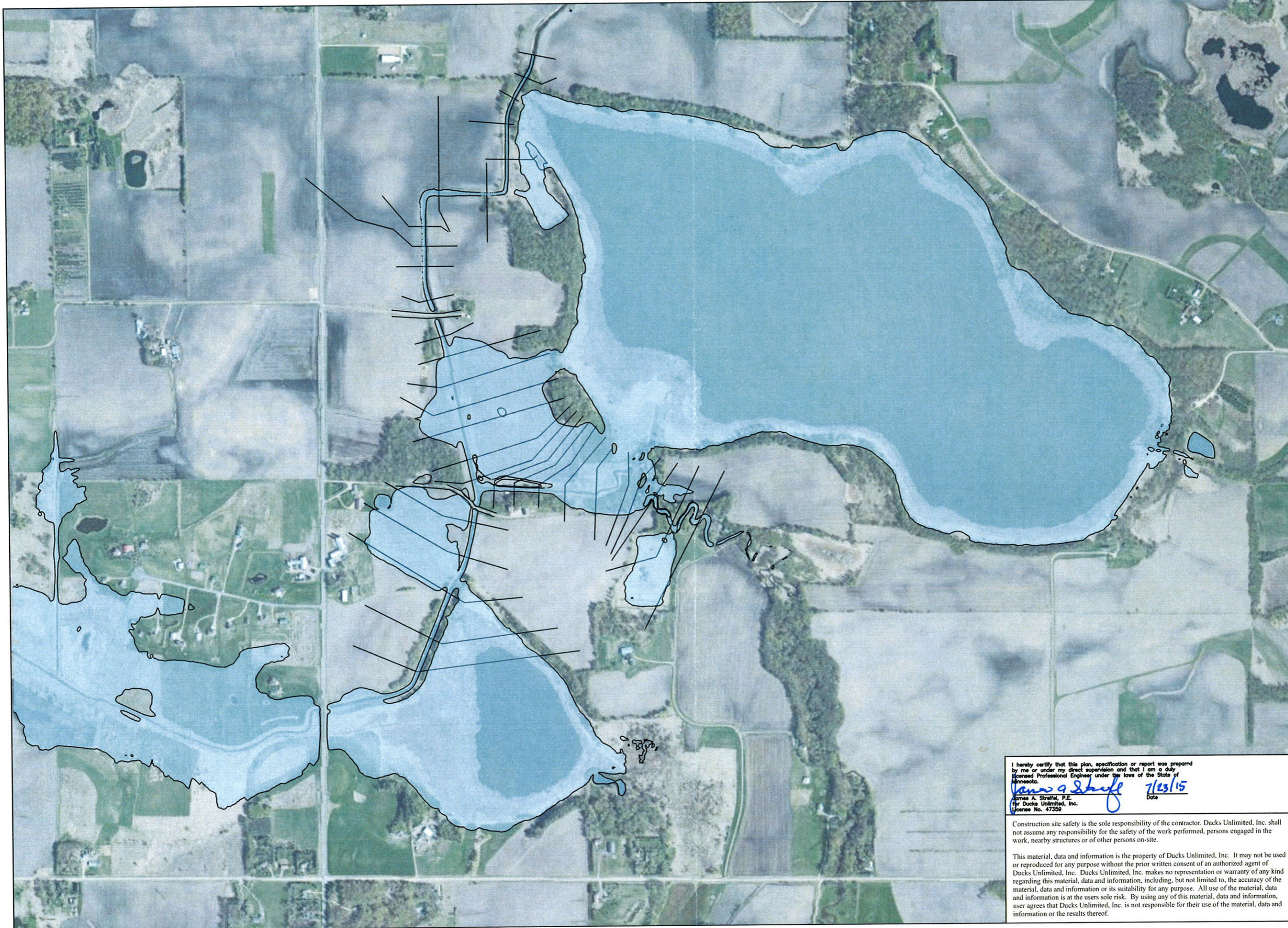
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.



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

Construction site safety is the sole responsibility of the contractor. Ducks Unlimited, Inc. shall not assume any responsibility for the safety of the work performed, persons engaged in the work, nearby structures or of other persons on-site.

This material, data and information is the property of Ducks Unlimited, Inc. It may not be used or reproduced for any purpose without the prior written consent of an authorized agent of Ducks Unlimited, Inc. Ducks Unlimited, Inc. makes no representation or warranty of any kind regarding this material, data and information, including, but not limited to, the accuracy of the material, data and information or its suitability for any purpose. All use of the material, data and information is at the users sole risk. By using any of this material, data and information, user agrees that Ducks Unlimited, Inc. is not responsible for their use of the material, data and information or the results thereof.

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				1 of 1

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



RINKE NOONAN
attorneys at law

1015 W. St. Germain St., Ste. 300, P.O. Box 1497
St. Cloud, Minnesota 56302-1497
Telephone 320-251-6700, Fax 320-656-3500

To: Le Sueur County Drainage Authority for Le Sueur County Ditch 54
From: John C. Kolb, Rinke Noonan
Direct Dial: 320-656-3503
Re: Ducks Unlimited/Department of Natural Resources Sanborn Lake Project
Our File: 15741-0022
Date: September 22, 2015

You asked Rinke Noonan to review and provide an opinion on the Ducks Unlimited (DU) and Department of Natural Resources (DNR) proposal to restore the contributing watershed of Sanborn Lake (Project). Because the Project involves modification to both the original construction and current function of County Ditch (CD) 54, the Drainage Authority will have to consider the impact of the Project on both the function of CD 54 and its utility for benefited landowners.

Our recommendation, as discussed below, is that the Drainage Authority:

- (1) initiate proceedings under statutes section 103E.101, subd. 4a to clarify the drainage system record for CD 54 by identifying and re-establishing the records defining the alignment; cross-section; profile; hydraulic structure locations, materials, dimensions, and elevations; or right-of-way of the CD 54 as originally constructed or subsequently improved; and
- (2) require DU or the DNR to petition the Drainage Authority under statutes section 103E.227 to impound, reroute, or divert drainage system waters for beneficial use.

History of CD 54:

CD 54 was established and constructed between 1966 and 1971. The alignment of CD 54 traversed most of a previously constructed drainage system, CD 30. However, the construction of CD 54 left several remnants of CD 30 that were never abandoned.

The construction plans for CD 54 show a portion of the main ditch departing from the original alignment of CD 30 to continue east along the north line of the southwest quarter of section 34 to the original alignment of spur 1 of CD 30. The design plans then show the main ditch turning to the south along the original alignment of spur 1 of CD 30, running along a portion of the east

[15741-0022/2127283/1]

1

line of the southwest quarter of section 34, where it re-joined the original alignment of CD 30 and continued to the southeast. CD 54 then continued to the east crossing under County Road 144 where it then turned north, departing from the original alignment of CD 30 and bypassing Sanborn Lake (the original alignment of CD 30 connected to Sand Creek and discharged to Sanborn Lake).

A portion of the original alignment of CD 30 flowing toward Sanborn Lake, currently designated as Spur 2 of CD 54, was obstructed as part of the CD 54 construction in order to prevent flows from CD 54 entering Sanborn Lake.

The construction of CD 54 included installation of a fixed crest outlet structure on Sanborn Lake, near the center of section 26, to regulate flows from Sanborn Lake into CD 54. The remainder of CD 54, downstream of Sanborn Lake, followed and altered the natural watercourse of Sand Creek.

Prior to construction of CD 54, the combined natural drainage area of Sanborn Lake and the drainage area of CD 30 to Sanborn Lake was approximately 52 square miles. Construction of CD 54, bypassing Sanborn Lake, reduced the area draining to Sanborn Lake to approximately 37 square miles.

Sometime during the 1980s or 1990s, following a number of high runoff events, the obstruction of Spur 2 of CD 54 failed and the channel headcut back to and connected with Sand Creek. The connection diverted the flow of water from Sand Creek into Spur 2 to the main channel of CD 54. The diversion of flow further reduced the area draining into Sanborn Lake. Currently, only about 4 square miles of drainage area flow to Sanborn Lake.

The major changes in drainage area of Sanborn Lake has significantly altered how Sanborn Lake now functions. Whether caused by all natural conditions or with human intervention, the result, as it relates to CD 54, is a drainage system that is functioning in a substantially different manner than originally constructed.

DU and the DNR are proposing a Project to restore conditions established by the original construction of CD 54 – restoring approximately 33 square miles of drainage area to the lake. Additionally, the Project will modify structures at the outlet of Sanborn Lake to allow for permanent drawdown of the lake for ecological purposes. The actions proposed in the Project will involve permanent modification of CD 54 and will require proceedings and approval by the Drainage Authority. Typically, costs of such modifications are borne solely by the project petitioners. However, in this case, at least a portion of the proposed work involves restoration of failed conditions on CD 54. For this reason, the Drainage Authority should consider what portion of Project cost is properly paid for by the drainage system.

Correction of Drainage System Records:

If, after thorough investigation of drainage system records, a drainage authority finds that records establishing the alignment, cross-section, profile, or right-of-way of a drainage system that it administers are lost, destroyed, or otherwise incomplete, it may, by order, reestablish records defining the alignment; cross-section; profile; hydraulic structure locations, materials, dimensions, and elevations; or right-of-way of the drainage system as originally constructed or subsequently improved.

Here the as built condition of CD 54 is unclear, especially as it relates to remnants of CD 30 that continue to function to provide beneficial drainage. Since there is no record of any portion of CD 30 being abandoned, the Drainage Authority must determine whether the intent of the CD 54 establishment was to result in a single functional drainage system (as it exists for the most part on the ground today), or two drainage systems with one exiting in remote or non-functional fragments.

The record correction process will allow the Drainage Authority to define the CD 54 system, remove orphaned portions of CD 30 and establish a base line from which to consider the Project.

The procedure for reestablishing drainage system records must involve, at a minimum, investigation and a report of findings by a professional engineer licensed in Minnesota supported by existing records and evidence, including, but not limited to, applicable aerial photographs, soil borings or test pits, culvert dimensions and invert elevations, and bridge design records. The existing and reestablished records together must define the alignment; cross-section; profile; hydraulic structure locations, materials, dimensions, and elevations; and right-of-way of the drainage system.

The Drainage Authority may initiate the records correction process by resolution or may act on a petition filed by any party affected by the drainage system. Once the process is initiated, the Drainage Authority, in consultation with the auditor, shall set a time and location for a hearing after the engineer's report is complete. Notice of the hearing must be given by mail to the commissioner of natural resources, the executive director of the Board of Water and Soil Resources, and all property owners benefited or damaged by the drainage system. In addition, notice of the hearing must be given by publication in a newspaper of general circulation in the drainage system area or on a Web site of the Drainage Authority.

Petition to Impound, Divert or Reroute a Drainage System or Drainage System Waters:

To conserve and make more adequate use of water resources or to incorporate wetland or water quality enhancing elements, a person; public or municipal corporation; governmental subdivision; the state or a department or agency of the state; the commissioner of natural resources; and the United States or any of its agencies may petition to impound, reroute, or divert drainage system waters for beneficial use.

Here, DU and the DNR propose that the project will permanently modify portion of CD 54 by re-routing and diverting waters in order to improve ecological conditions on Sanborn Lake. The modifications will include the installation of outlet and flow control structures within the alignment of the drainage system and modification of the flow in Spur 2. The legal standard for such modification requires an investigation of whether the proposed modification will be of a public or private benefit and whether the proposed modification will impair the utility of the drainage system or deprive affected land owners of its benefit.

The proceeding must be initiated by a petition. The petition must contain the location of the installation, concept plans for the proposed project, and a map that identifies the areas likely to be affected by the project. The petition must identify the sources of funds to be used to secure the necessary land rights and to construct the project and the amount and rationale for any drainage system funds requested. The petitioner must also acquire a public waters work permit or a water use permit from the commissioner of natural resources if required under chapter 103G for any work altering the course, current, or cross section of public water. The petition must also contain a statement that one or more petitioners will pay the costs incurred if the proceedings are dismissed or a contract is not awarded to construct the drainage system proposed in the petition. The petitioner is responsible for the cost of proceedings, but, in this case, since the State is a petitioner, no bond is required.

If the petition is granted, the petitioner may not modify the drainage system until it has obtained all required permits and all necessary rights-of-way and flowage easements from owners of land to be affected by the Project. The order of the Drainage Authority modifying the drainage system must identify the parties responsible for construction, operation, and maintenance of the drainage system modification and the amount, if any, of drainage system funds for the project. If the part of the drainage system located within the project boundaries is in need of repairs, the petitioner's engineer shall estimate the cost at the time of petition of these separable repairs. The drainage authority shall consider the separable repair costs that will be avoided as a result of the petitioned project, as well as any other benefits of the project to the drainage system, when determining whether or how much to contribute to the petitioned project.



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 6

10:30 a.m. Human Resources (10 min)

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 October 6, 2015

Recommendation to grant regular status to Suzanne Milam, full time Eligibility Worker, in Human Services, effective October 6, 2015. Suzanne has completed the six-month probationary period.

Recommendation to advertise for a part time Administrative Assistant II in the Sheriff's Office as a Grade 4, Step 1 at \$15.20 per hour.

The part time jailer/dispatcher position will remain open.

Recommendation to approve and sign the 2015-2016 Telecommute Agreement between Le Sueur County and Kari Peters, effective October 6, 2015.

Recommendation to hire Talia Glister, full time Community Support Technician, in Human Services, as a Grade 5, Step 1, \$16.11 per hour, effective October 12, 2015.

Recommendation to advertise for a part time Administrative Assistant II in the Victim Witness Department, as a Grade 4, Step 2 at \$15.75.

Recommendation to accept the resignation request from Cortney Haugen, full time Jailer/Dispatcher in the Sheriff's Office, effective October 15, 2015.

Recommendation to post and advertise for a full time Jailer/Dispatcher in the Sheriff's Office, as a Grade 6, Step 1 at \$17.07 per hour.

Equal Opportunity Employer



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 7

10:40 am Dave Tietz, Sheriff (5 min)

RE: OHV Enforcement Grant Program Contract

Staff Contact:

COPY

Minnesota Department of Natural Resources

500 Lafayette Road • St. Paul, MN • 55155-40



August 20, 2015

Minnesota County Sheriffs:

The Minnesota Department of Natural Resources (DNR), Enforcement Division, is sending contracts to the 56 counties that have chosen to participate in the Off Highway Vehicle (OHV) Enforcement Grant Program during this biennium, July 1, 2015 through June 30, 2017.

Enclosed, you will find your county grant contract. Please sign and return all three copies. Once DNR signs the contract, they are in effect. Meaning, you can earn reimbursement for expenditures only after all parties have signed them.

Based on the number of participating counties, your county will receive the same allocation amount in each fiscal year, 2016 and 2017. The details of receiving reimbursements will be indicated in the contract and on the DNR website. All expenses over the amount of your grant will be the sole responsibility of your county agency.

All information and forms regarding the Off Highway Grant Program can be accessed at the following website: http://www.dnr.state.mn.us/grants/enforcement/ohv_safety.html

If you have any questions, feel free to contact Chuck Niska, Program Manager. Chuck can be reached at chuck.niska@state.mn.us or (612) 756-4165.

Thank you in advance for your on-going efforts to assist the DNR in protecting Minnesota's resources and providing service to our citizens.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ken Soring'.

COL Ken Soring
Chief Conservation Officer

www.dnr.state.mn.us

AN EQUAL OPPORTUNITY EMPLOYER



PRINTED ON RECYCLED PAPER CONTAINING A MINIMUM OF 10% POST CONSUMER WASTE

STATE OF MINNESOTA GRANT CONTRACT

This grant contract is between the State of Minnesota, acting through its Commissioner of Natural Resources ("STATE") and LeSueur County Sheriff's Office, 88 South Park Avenue, LeCenter, MN 56057 ("GRANTEE").

Recitals

1. Under Minn. Stat. 84.024, the State is empowered to enter into this grant.
2. The State, under Laws of Minnesota 2015, First Special Session, Chapter 4, Article 3, Section 3, Subdivision 7, is authorized to provide reimbursement grants to counties to cover costs related to labor and equipment in the enforcement of off highway vehicle laws, rules and regulations, as well as holding staff training in the same, and providing local youth training classes, in the manner described in the Grantee's Proposed Budget.
3. The Grantee represents that it is duly qualified and agrees to perform all services described in this grant contract to the satisfaction of the State. Pursuant to Minn.Stat. §16B.98, Subd. 1, the Grantee agrees to minimize administrative costs as a condition of this grant.

Grant Contract

1 Term of Grant Contract

- 1.1 **Effective date:** August 15, 2015, or the date the State obtains all required signatures under Minn. Stat. §16B.98, Subd. 5, whichever is later. Per Minn.Stat. §16B.98, Subd. 11, the grantee submitted and the State approved a work plan and budget whose expenditures can be reimbursed. Per, Minn.Stat. §16B.98 Subd. 7, no payments will be made to the Grantee until this grant contract is fully executed.
- 1.2 **Expiration date:** June 30, 2017, or until all obligations have been satisfactorily fulfilled, whichever occurs first.
- 1.3 **Survival of Terms.** The following clauses survive the expiration or cancellation of this grant contract: 8. Liability; 9. State Audits; 10. Government Data Practices and Intellectual Property; 12. Publicity and Endorsement; 13. Governing Law, Jurisdiction, and Venue; and 15. Data Disclosure.

2 Grantee's Duties

The Grantee, who is not a state employee, will comply with required grants management policies and procedures set forth through Minn.Stat. §16B.97, Subd. 4 (a) (1). The Grantee will be reimbursed once annually, for only eligible OHV Safety Grant activities, including one or more of the following:

- Grantee staff time to participate in OHV/ATV activities, including attendance at training classes, also holding local safety training education programs for local participants. Training of Grantee staff working to enforce any OHV related law, rule or regulation is **MANDATORY**.
- Purchase of ATV's for use in patrolling;
- ATV maintenance, fuel and enforcement related costs;

- Trailers, trailer maintenance and repair (**not** costs related to towing vehicle repair);
- Helmets and other related protective gear (no standard uniforms or equipment);
- Purchase other equipment dedicated SOLELY to Off Highway Vehicle Enforcement work
- Submit ANNUAL Performance Reports and Reimbursement Requests for each year of participation in this Program. All needed documents to accomplish this are posted on the DNR website. The Grantee will be responsible for the administration, supervision, management, record keeping and program oversight required for the work performed under this grant contract. Further, the Grantee is responsible for maintaining an adequate conflict of interest policy. Throughout the term of this grant contract, the Grantee shall monitor and report any actual, potential or perceived conflicts of interest to the State's Authorized Representative.
- POST on the Grantee's website, a copy of the two page performance report, in accordance with 2009 Laws of Minnesota, Chapter 37, Article 1, Section 4, Subdivision 1.

3 Time

The Grantee must comply with all the time requirements described in this grant contract. In the performance of this grant contract, time is of the essence.

4 Consideration and Payment

4.1 **Consideration.** Funds made available pursuant to this Agreement shall be used only for expenses incurred in performing and accomplishing the purposes and activities specified herein. Notwithstanding all other provisions of this grant contract, it is understood that any reduction or termination of funds allocated to the State may result in a like reduction to the Grantee. The State will pay for all services performed by the Grantee under this grant contract as follows:

(a) **Compensation.** The Grantee will be reimbursed up to \$ 5,649.00 in state fiscal year 2016, for expenses incurred between the effective date of the grant and June 30, 2016, and \$5,649.00 in fiscal year 2017, for expenses incurred between July 1, 2016, and June 30, 2017, as determined by the grant funding formula.

(b) **Total Obligation.** The total obligation of the State for all compensation and reimbursements to the Grantee under this grant contract will not exceed \$ 11,298.00.

4.2. Payment

(a) **Invoices.** The State will promptly pay the Grantee after the Grantee presents an itemized invoice for the services actually performed and the State's Authorized Representative accepts the invoiced services. Invoices must be submitted timely and according to the following schedule:

Invoices for state fiscal year 2016 must be submitted **before** June 30, 2017. Invoices for state fiscal year 2017 must be submitted **before** June 30, 2018. Only submit **ONE** invoice for the total expenses incurred during each state fiscal year.

5 Conditions of Payment

All services provided by the Grantee under this grant contract must be performed to the State's satisfaction, as determined at the sole discretion of the State's Authorized Representative and in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations. The Grantee will not receive payment for work found by the State to be unsatisfactory or performed in violation of federal, state, or local law, or for expenses incurred prior to the effective dates for each program year.

Eligible reimbursement costs may not exceed \$ 5,649.00 prior to July 1, 2016.

Eligible reimbursement costs may not exceed \$ 5,649.00 prior to July 1, 2017.

6 Authorized Representative

The State's Authorized Representative is Chuck Niska, Program Manager Senior, MN DNR Division of Enforcement, Box 47, 500 Lafayette Road, St. Paul, MN 55155-4047, (612) 756-4165, chuck.niska@state.mn.us, or his successor, and has the responsibility to monitor the Grantee's performance and the authority to accept the services provided under this grant contract. If the services are satisfactory, the State's Authorized Representative will certify acceptance on each invoice submitted for payment.

The Grantee's Authorized Representative is **Sheriff Dave Tietz, LeSueur County Sheriff's Office, 88 South Park Avenue, LeCenter, MN 56057, (507) 357-8557, dtietz@co.le-sueur.mn.us**. If the Grantee's Authorized Representative changes at any time during this grant contract, the Grantee must immediately notify the State.

7 Assignment, Amendments, Waiver, and Grant Contract Complete

- 7.1 **Assignment.** The Grantee shall neither assign nor transfer any rights or obligations under this grant contract without the prior written consent of the State, approved by the same parties who executed and approved this grant contract, or their successors in office.
- 7.2 **Amendments.** Any amendments to this grant contract must be in writing and will not be effective until it has been executed and approved by the same parties who executed and approved the original grant contract, or their successors in office.
- 7.3 **Waiver.** If the State fails to enforce any provision of this grant contract, that failure does not waive the provision or the State's right to enforce it.
- 7.4 **Grant Contract Complete.** This grant contract contains all negotiations and agreements between the State and the Grantee. No other understanding regarding this grant contract, whether written or oral, may be used to bind either party.

8 Liability

The Grantee must indemnify, save, and hold the State, its agents, and employees harmless from any claims or causes of action, including attorney's fees incurred by the State, arising from the performance of this grant contract by the Grantee or the Grantee's agents or employees. This clause will not be construed to bar any legal remedies the Grantee may have for the State's failure to fulfill its obligations under this grant contract.

9 State Audits

Under Minn. Stat. § 16B.98, Subd.8, the Grantee's books, records, documents, and accounting procedures and practices of the Grantee or other party relevant to this grant agreement or transaction are subject to examination by the State and/or the State Auditor or Legislative Auditor, as appropriate, for a minimum of six years from the end of this grant agreement, receipt and approval of all final reports, or the required period of time to satisfy all state and program retention requirements, whichever is later.

10 Government Data Practices and Intellectual Property

10.1. **Government Data Practices.** The Grantee and State must comply with the Minnesota Government Data Practices Act, Minn. Stat. Ch. 13, as it applies to all data provided by the State under this grant contract, and as it applies to all data created, collected, received, stored, used, maintained, or disseminated by the Grantee under this grant contract. The civil remedies of Minn. Stat. §13.08 apply to the release of the data referred to in this clause by either the Grantee or the State. If the Grantee receives a request to release the data referred to in this Clause, the Grantee must immediately notify the State. The State will give the Grantee instructions concerning the release of the data to the requesting party before the data is released. The Grantee's response to the request shall comply with applicable law.

11 Workers' Compensation

The Grantee certifies that it is in compliance with Minn. Stat. §176.181, Subd. 2, pertaining to workers' compensation insurance coverage. The Grantee's employees and agents will not be considered State employees. Any claims that may arise under the Minnesota Workers' Compensation Act on behalf of these employees and any claims made by any third party as a consequence of any act or omission on the part of these employees are in no way the State's obligation or responsibility.

12 Publicity and Endorsement

12.1 **Publicity.** Any publicity regarding the subject matter of this grant contract must identify the State as the sponsoring agency and must not be released without prior written approval from the State's Authorized Representative. For purposes of this provision, publicity includes notices, informational pamphlets, press releases, research, reports, signs, and similar public notices prepared by or for the Grantee individually or jointly with others, or any subcontractors, with respect to the program, publications, or services provided resulting from this grant contract.

12.2 **Endorsement.** The Grantee must not claim that the State endorses its products or services.

13 Governing Law, Jurisdiction, and Venue

Minnesota law, without regard to its choice-of-law provisions, governs this grant contract. Venue for all legal proceedings out of this grant contract, or its breach, must be in the appropriate state or federal court with competent jurisdiction in Ramsey County, Minnesota.

14 Termination

14.1 *Termination by the State.* The State may immediately terminate this grant contract with or without cause, upon 30 days' written notice to the Grantee. Upon termination, the Grantee will be entitled to payment, determined on a pro rata basis, for services satisfactorily performed.

14.2 *Termination for Cause.* The State may immediately terminate this grant contract if the State finds that there has been a failure to comply with the provisions of this grant contract, that reasonable progress has not been made or that the purposes for which the funds were granted have not been or will not be fulfilled. The State may take action to protect the interests of the State of Minnesota, including the refusal to disburse additional funds and requiring the return of all or part of the funds already disbursed.

15 Data Disclosure

Under Minn. Stat. § 270C.65, Subd. 3, and other applicable law, the Grantee consents to disclosure of its social security number, federal employer tax identification number, and/or Minnesota tax identification number, already provided to the State, to federal and state tax agencies and state personnel involved in the payment of state obligations. These identification numbers may be used in the enforcement of federal and state tax laws which could result in action requiring the Grantee to file state tax returns and pay delinquent state tax liabilities, if any.

1. State Encumbrance Verification

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

Signed: Brenda Medd

Date: 8/24/15

SWIFT Contract/PO Number: 98911

PO# 3000083618

PO# 3000083709

3. State Agency

By: _____
(with delegated authority)

Title: _____

Date: _____

2. GRANTEE

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

By: _____

Title: _____

Date: _____

By: _____

Title: _____

Date: _____

Distribution:
Agency
Grantee
State's Authorized Representative - Photo Copy



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 8

10:45 am Jeff Neisen, MIS (5 min)

RE: Syntax Maintenance Agreement

Staff Contact:



Syntax, Inc.
1295 Bandana Blvd. N.
Suite 125
St. Paul, MN 55108
(651) 641-1550

Order Number: 0036947
Order Date: 10/5/2015

Salesperson: JDR
Customer Number: 10-LESUE01

Sold To:
LeSueur County
88 South Park Avenue
Attn: Accounts Payable
Le Center, MN 56057
Confirm To:
Scott Gerr

Ship To:
LeSueur County Courthouse
88 South Park Avenue
Attn: Scott Gerr
Le Center, MN 56057

Customer P.O.	Ship VIA	F.O.B.	Terms		
	UPS GROUND		Net 30 Days		
Item Code	Description	Ordered	Price	Amount	
*DELLCONFIG	Dell PS4100 Renewal	1.00	4,745.00	4,745.00	

Dell Reseller Quote # 1017766205804: Maintenance on EqualLogic PS4100 SANs w/Service Tags 6FDT8V1 and 6FDY8V1
-
Effective Dates: 10/5/2015 - 10/4/2016

Acceptance of this proposal, via signature or purchase order, shall be considered and acceptance of Syntax, Inc.'s Standard Terms and Conditions, a copy of which has been provided to the undersigned.

Client Signature: _____ Date: _____

Net Order: 4,745.00
Less Discount: 0.00
Freight: 0.00
Sales Tax: 0.00
Order Total: 4,745.00

SYNTAX STANDARD TERMS AND CONDITIONS

Effective Date: These Standard Terms and Conditions and any attachments hereto (collectively, the "Agreement") are effective when accepted by Syntax, Inc.

Payment for Products: Except as otherwise provided, Syntax, Inc. will invoice charges for professional services every two weeks at its then current rates. Required service time is estimated. Service charges will be based upon the actual time expended. Payment for services will be due upon Customer's receipt of invoice unless otherwise stated on the invoice. A late charge will be assessed on any past due amount at the rate of 1½ % per month or the maximum rate permitted by applicable law, which ever is less. All travel time will be billed at current hourly rates. Expenses are billed as incurred. Syntax, Inc. reserves the right to withhold or discontinue services in the event payments are not made in accordance with this Agreement.

Security Interests: Title to each product item shall pass to Customer when Customer has made full payment of the purchase price for all products ordered. However, as collateral security for the payments required to be made by Customer pursuant to this Agreement, Syntax, Inc. hereby retains a security interest in all of the products to which this Agreement pertains, including all such goods and software. Customer agrees to execute and deliver all financing statements and other instruments and documents as Syntax, Inc. deems necessary to complete, perfect or continue its security interest. This security interest shall terminate at such time as all payments required to be made by Customer to Syntax, Inc. for or relating to all things which this Agreement pertains to have been made. If Customer fails to make any payment due hereunder when due, or defaults in the performance of any other promise or obligation under this Agreement, Syntax, Inc. shall have the right, but not the obligation, to terminate this Agreement and/or repossess the products (without liability to Syntax, Inc. for damages arising from such termination or repossession) for (I) Customer's failure to pay any and all amounts due thereunder or to perform any of its other obligations under the terms and conditions of this Agreement, (II) the making by Customer of any general arrangement for the benefit of creditors or (III) or the bankruptcy of Customer or filing of any bankruptcy petition by or against Customer.

Limitation of Liability: SYNTAX, INC. MAKES NO WARRANTIES OR REPRESENTATIONS OF ANY NATURE WHATSOEVER REGARDING THE PRODUCTS OR SERVICES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SYNTAX, INC. SHALL HAVE NO LIABILITY WHATSOEVER REGARDING ANY CLAIM FOR PATENT OR COPYRIGHT INFRINGEMENT. SYNTAX, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY NATURE ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT OR THE USE OR PERFORMANCE OF ANY PRODUCT OR SERVICE PROVIDED HEREUNDER. IN NO EVENT SHALL SYNTAX, INC. BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES OR FOR ANY INDIRECT DAMAGES SUCH AS, BUT NOT LIMITED TO, EXEMPLARY OR PUNITIVE DAMAGES OR LOST PROFITS, EVEN IF SYNTAX, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. No action arising out of any claimed breach of this Agreement or transaction under this Agreement may be brought more than ninety (90) days after the date software, hardware or professional services are delivered to Customer.

Software License: To the extent provided by the manufacturer and subject to Customer's compliance with the balance of this paragraph, Syntax, Inc. extends to Customer a personal, non-exclusive, paid-up license to use the software described in this Agreement. Customer agrees to execute any and all license agreements, warranty forms and related documentation requested by Syntax, Inc. or required by a manufacturer of the software, hardware or professional services licensed or purchased by Customer hereunder. Customer hereby obtains title to the medium on which a software product is recorded but not title to the software. Customer agrees not to reproduce any software product purchased hereunder, except to the extent the manufacturer of the software expressly permits such reproduction.

Non-solicitation: Customer agrees not to solicit, contract with, hire or otherwise engage the services of any Syntax, Inc. employee rendering services hereunder during the term of this Agreement or for a period of 180 days after termination hereof. Further, Customer hereby acknowledges Syntax, Inc. has made significant investment in training employees to render services provided hereunder, and agrees that upon breach or violation of this non-solicitation obligation, Syntax, Inc. shall be entitled to: (1) reimbursement in the amount of \$35,000.00 for said training as liquidated damages; (2) recover reasonable attorney's fees incurred in the enforcement of this Agreement; and (3) to obtain injunctive relief to restrain and enjoin any actual or threatened breach of any provision hereunder. All of Syntax, Inc.'s remedies for breach of this Agreement shall be cumulative and the pursuit of one remedy shall not be deemed to exclude any other remedy.

Contingencies: Syntax, Inc. shall not be liable for any damages or penalty for delay, for failure to give notice of delay, for failure to perform, or failure to give notice of non-performance, including, but not limited to, any delay or non-performance due to any cause beyond the reasonable control of Syntax, Inc. The performance schedule, if any, shall be extended by a period of time equal to the time lost because of any delay.

Indemnification: Customer agrees to indemnify, hold harmless and reimburse Syntax, Inc. and its directors, officers, employees, and agents from and against any and all liabilities, obligations, losses, damages, penalties, actions, judgments, suits, costs, expenses, or disbursements of any kind or nature whatsoever, including reasonable attorneys' fees, that may be imposed on, incurred by, or asserted against Syntax, Inc. in any way relating to or arising out of any action taken or omitted by Customer hereunder.

Arbitration: In the event of any dispute or perceived problem arising with respect to this Agreement, each party agrees that it will give the other party notice of the problem and then the parties must attempt to reach an amicable resolution, without resort to arbitration, within the next sixty days. If the problem is not resolved within the sixty-day period, then the parties agree that the dispute (including any questions of fraud or questions concerning the validity or enforceability of this Agreement) must be resolved by binding arbitration, in accordance with the procedure described in this section. Either party may file and serve a demand for arbitration. The arbitration must be held in Minneapolis, Minnesota, and must be governed by the then-existing Commercial Rules of the American Arbitration Association. The arbitration panel will consist of three arbitrators, unless Syntax and the Customer agree to have the arbitration proceedings conducted by a single arbitrator. The arbitrators must be selected by agreement of Syntax, Inc. and the Customer from a list of 10 or more arbitrators proposed by the American Arbitration Association, or may be persons who are not on such a list but are agreed upon by Syntax, Inc. and the Customer. If Syntax, Inc. and the Customer fail to agree on one or more of the persons to serve as arbitrators within thirty (30) days of delivery of the list of proposed arbitrators by the American Arbitration Association, then at the request of Syntax, Inc. or the Customer, the arbitrators will be selected by the American Arbitration Association. All arbitrators must be either attorneys engaged primarily in the practice of commercial law for at least 10 years or retired judges. All of the arbitration proceedings, including the hearing and final award, must be concluded within ninety days of the expiration of the 30-day period described above. Judgment on the award of a majority of the arbitrators is binding on both parties, and may be entered in any court having jurisdiction. Specific performance and injunctive relief may be ordered by the award. Costs and attorneys fees must be paid as ordered by the award. The procedure described in this section is the only procedure available to the parties for resolution of disputes arising out of this Agreement. As the sole exception to arbitration, each party has the right to seek injunctive relief, only, from any court having jurisdiction so as to preserve that party's rights for resolution in any pending or imminent arbitration proceeding. No such objection may prohibit or postpone the arbitration proceedings, however, and any such injunction may be modified or vacated as a result of the arbitration award. Syntax, Inc.'s liability to the Customer, whether arising in contract, tort (including, without limitation, negligence and strict liability) or otherwise, shall not exceed the lesser of the direct loss to the Customer or an amount equal to the total fees paid to Syntax, Inc. by the Customer hereunder.

Force Majeure: Each party will be excused from performance if its performance is prevented by any acts or events beyond such party's reasonable control, including but not limited to: severe weather and storms; earthquakes, hurricanes or other natural occurrences; strikes or other labor unrest; nuclear or other civil or military emergencies; riots; labor problems; war; acts of terrorism; or acts of legislative, judicial, executive, or administrative authorities.

General: This Agreement constitutes the complete and exclusive statement of the terms and conditions between Customer and Syntax, Inc. regarding the subject matter hereof and cannot be altered, amended or modified except in writing executed by an authorized representative of each party. Customer may not transfer or assign this Agreement, any license created hereunder or any of its rights or duties to any other person, firm or corporation without prior written consent from Syntax, Inc. This Agreement shall be construed and enforced in accordance with the laws of the State of Minnesota without regard to its conflict of laws provisions. Should any provision(s) of this Agreement be held invalid or otherwise unenforceable, the remaining provisions shall not in any way be affected or impaired thereby.



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 9

10:50 am Darrell Pettis

RE: Data Services Resolution

RE: CD #38

RE: CD #16 Redetermination of Benefits Public Hearing

RE: JD #1 Lat 2

RE: CD # 58 Bid Opening on October 23

RE: Lake Emily Siren

RE: Emergency Management Grant

RE: Transit

RE: Scott-Le Sueur General information ditch workshop on Oct. 28

Staff Contact:



Le Sueur County

WHEREAS, the County of Le Sueur desires to improve efficiencies through participating in a more efficient court process with the Minnesota Judicial Branch; and,

WHEREAS, the Minnesota Judicial Branch moves toward a more efficient court process, the eCourtMN initiative is committed to ensuring that non-court governmental agencies have appropriate access to court records and documents; and,

WHEREAS, Le Sueur County desires to subscribe to the Minnesota Court Data Services Program,

NOW, THEREFORE, BE IT RESOLVED that the Le Sueur County Board of Commissioners approves and authorized Darrell Pettis to sign the Master Subscriber Agreement for Minnesota Court Data Services for Governmental Agencies. This Agreement is between Le Sueur County Court Services and the State of Minnesota.

BY:

Chairman, Le Sueur County Board of Commissioners

Attested by:

Darrell Pettis, County Administrator

Dated this 6 day of October, 2015.

**BEFORE THE LE SUEUR COUNTY BOARD OF COMMISSIONERS
ACTING AS THE DRAINAGE AUTHORITY FOR
LE SUEUR COUNTY DITCH # ___**

**PETITION FOR REDETERMINATION OF
BENEFITS FOR LE SUEUR COUNTY
PURSUANT TO MINN. STAT. § 58.01**

Petitioners represent and request as follows:

1. That Petitioners believe that the original benefits or damages determined for Le Sueur County Ditch # 38 do not reflect reasonable present date land values and/or benefit and damaged areas have changed.

2. That Petitioners request that Viewers be appointed to redetermine and determine benefits and damages of Le Sueur County Ditch # 38.

3. That further, Petitioners request that the Le Sueur County Board of Commissioners acting as the drainage authority for Le Sueur County Ditch # 38 hold necessary hearings and procedures to redetermine benefits for Le Sueur County Ditch # 38.

Dated this 15 day of SEPT, 2015.

LANDOWNERS:

1. James B Heibel
JIM HEIBEL

2. _____

3. _____

LEGAL DESCRIPTION:

06.026.7600

06.035.7700
EO'S 04040

**BEFORE THE LE SUEUR COUNTY BOARD OF COMMISSIONERS
ACTING AS THE DRAINAGE AUTHORITY FOR
LE SUEUR COUNTY DITCH # ___**

**PETITION FOR REDETERMINATION OF
BENEFITS FOR LE SUEUR COUNTY
PURSUANT TO MINN. STAT. § 58.01**

Petitioners represent and request as follows:

1. That Petitioners believe that the original benefits or damages determined for Le Sueur County Ditch # 38 do not reflect reasonable present date land values and/or benefit and damaged areas have changed.
2. That Petitioners request that Viewers be appointed to redetermine and determine the benefits and damages of Le Sueur County Ditch # 38.
3. That further, Petitioners request that the Le Sueur County Board of Commissioners acting as the drainage authority for Le Sueur County Ditch # 38 hold necessary hearings and procedures to redetermine benefits for Le Sueur County Ditch # 38.

Dated this 14 day of Sept, 2015.

LANDOWNERS:

1. [Signature]
Genome H. Miller
2. _____

3. _____

LEGAL DESCRIPTION:

- 06.036.7500
06.035.2500
06.036.7500
06026.79.00

072715
SourceDocument.rtf

**BEFORE THE LE SUEUR COUNTY BOARD OF COMMISSIONERS
ACTING AS THE DRAINAGE AUTHORITY FOR
LE SUEUR COUNTY DITCH # 38**

**PETITION FOR REDETERMINATION OF
BENEFITS FOR LE SUEUR COUNTY
PURSUANT TO MINN. STAT. § 43.01**

Petitioners represent and request as follows:

1. That Petitioners believe that the original benefits or damages determined for Le Sueur County Ditch # 38 do not reflect reasonable present date land values and/or benefit and damaged areas have changed.

2. That Petitioners request that Viewers be appointed to redetermine and determine benefits and damages of Le Sueur County Ditch # 38.

3. That further, Petitioners request that the Le Sueur County Board of Commissioners acting as the drainage authority for Le Sueur County Ditch # 38 hold necessary hearings and procedures to redetermine benefits for Le Sueur County Ditch # 38.

Dated this 13th day of SEPT, 2015

LANDOWNERS:

- 1. X J. E. M. Gilly
JOHN Mc GILLEN
- 2. _____
- 3. _____

LEGAL DESCRIPTION:

- 06.025.0300
- 06.025.2800
- 06.026.2600

072715
SourceDocument.rtf

**BEFORE THE LE SUEUR COUNTY BOARD OF COMMISSIONERS
ACTING AS THE DRAINAGE AUTHORITY FOR
LE SUEUR COUNTY DITCH # 38**

**PETITION FOR REDETERMINATION OF
BENEFITS FOR LE SUEUR COUNTY
PURSUANT TO MINN. STAT. § 43A.01**

Petitioners represent and request as follows:

1. That Petitioners believe that the original benefits or damages determined for Le Sueur County Ditch # 38 do not reflect reasonable present date land values and/or benefit and damaged areas have changed.

2. That Petitioners request that Viewers be appointed to redetermine annual benefits and damages of Le Sueur County Ditch # 38.

3. That further, Petitioners request that the Le Sueur County Board of Commissioners acting as the drainage authority for Le Sueur County Ditch # 38 hold necessary hearings and procedures to redetermine benefits for Le Sueur County Ditch # 38.

Dated this 10 day of SEPT, 2015

LANDOWNERS:

LEGAL DESCRIPTION:

1.	<u>X</u> <u>ED SROBEL II</u>	<u>06.036.0100</u> <u>06.036.0100</u>
2.	<u>SHARON SROBEL</u>	<u>06.036.0500</u> <u>06.025.7600</u>
3.	_____ _____	_____ _____

072715
SourceDocument.rtf

LeSueur County Commissioners:

My name is Rocky Stangler, I own 192 acres on County Ditch 38. I am initiating the request for re-determination of benefits along with Ed Strobel, Sharon Strobel, John McGillen, Jerome Miller, Jim Hebel and justify it as follows:

A re-determination meeting was held on 4/12/ 1983. At that time (I refer you to exhibit #1) If you read Mr Dietz's comments, the classification A to D, wetlands were the biggest target being rated "A" land and getting the greatest assessment at \$300/acre. High crop producing ground got the least at \$75/acre. It appears that after much discussion the viewers were to re-look at some parcels, and the meeting adjourned.

They came back on 5/10/1983 and presented an amended version to a packed house. (I refer you to exhibit #2) This was a lengthy hearing. But decision was again delayed.

At the next meeting on 7/26/1983 the commission met again and passed the viewers amended version from the 5/10/83 hearing as follows: A land \$30/acre, B land \$20/acre and high ground totally farmable \$10/acre.

This was the SWAMP BUSTER era! The wet, cattail infested land that likely never was or could be farmed or grazed got the biggest assessment per acre, and I quote: "LANDOWNERS MIGHT RESORT TO A PUMPING SYSTEM" (Exhibit #2) This was the mentality back then. Drain, clear and farm everything.

However the game changed effective December 23, 1985 with the "Food Security Act of 1985/ Swamp Buster Provision." And it didn't stop there. (I refer you to exhibit #3).

In conclusion: Wetlands are a protected endangered species. You can't blow your nose on that property without permission from the county, state, feds, DNR and Army Corp Of Engineers. It produces **zero** income. Yet we are being assessed three (3) times more than a 40 acre parcel on high ground with 5 miles of tile thru it dumping directly in the ditch. There is a portion of Rice County utilizing Ditch 38 and they pay **NOTHING**. Today's median price (in 2015) to date is \$8834.00/acre in LeSueur County. (assessors figures)

It's about what is right and fair in the assessment process. Wetlands are nature's purification process. We should be getting paid for the land not penalized at a tax rate of 3-1 to cropland.

I also submit to you that the determination passed by the board in "83 (exhibit #2) does not match the colored map and the Auditor's Assessment Statement. No one west of County RD 3, **on the ditch** was assessed RED \$30/acre. The taxed amounts were incorrectly divided and should be re-done and credited back.

Thank You

Rocky

DIETZ CONTINUED: speaking should be lower than those lands that are immediately bounding the ditch. We classified these lands according to what we felt those lands receiving the greatest benefit, would be class A, those lands receiving least benefits would be class D. Now to go into a little detail as to what classes A, B, C, and D are. Your A land received the greater assessment because it is the wettest and that typical A land, would be land that has water standing on it during the greater portion of your summer months, it has cattails, it has brush and very likely peat and never cropped and rarely even pastured because it's wet, wet, wet and it doesn't lend itself to do any economic benefit except probably some water life: B land, a typical B land would be one that has reed canary meadow, a low pasture, occasionally can be plowed in a dry year and sometimes attempted to crop, but rarely cropped because the crop is either too wet in the spring or too wet in the fall to really realize any crop benefits so it would be land where you would gain some economic benefit by owning it. Wet pasture and reed canary sloughs. C land would be land little better grade than your B, which would be primarily meadow type soil that no longer has any peat connected with it, but it lays in such a manner that it is very likely you will have some difficulty in cropping it due to seepage and many cases it would be a swail coming down a steep hill where you have seepage and it remains wet and for that reason we classified it in the C category. Anything else beyond the C would be your number one lands, adequate drainage, mineral type soil and all other soils that drain in to the watershed and we refer to this type of land as watershed lands. So if you have land that top hauls within the watershed, then it is class D land, we call it watershed land and that is, as far as the ditch is concerned, has got the smallest assessment. If there are any questions, why keep them in the back of your mind and ask them when I wind up over here. I think that about completes my report with the exception of giving you the dollar value probably for each classification and that dollar value would be A land we assessed benefits at \$300/acre, B land at \$150/acre, C land at \$75/acre, D land at \$7/acre.

R. MILLER: You might tell them you went out and looked at all of the lands within the watershed.

DIETZ: The question is did we view all the land within the watershed? True, I believe that we covered and viewed and saw every forty acre parcel, now as we do our viewing, the engineers are out with us and we don't know the detail of the map as well as the engineer and he points out to us and says we are on this and that property, his 40 is over here, some north line is here, south line is here, the west line is there. He identifies 40 acre parcels and we then view that area. If there is a hill, we walk over the hill, so we know darn well we have seen it. Anything else?

R. MILLER: Mr. Dietz, in making your determination did you find that there were in fact numerous 40 acre parcel located within the watershed which previously had no redetermination of benefits which we found now to actually be benefited?

DIETZ: True. There are areas in that ditch, not apparently on your original viewers report. I think it was viewed when the ditch was established, although those lands were not

EXHIBIT #2

May 10, 1983 - A Commissioners are present, Christian & Overn

OVERN: If you have any discussion by yourself would you please do it out here way behind.

?????: This meeting would be a May 10th meeting make sure that all members of the board were present as were Harry and myself. The next order of business is the determination of benefits on county ditch #38 and we have a very large crowd here today and as chairman I will ask you to please come up to the mike and give your name and we will give everyone an opportunity to speak, so with that I call the attorney for the Petitioner, Mr. Cowell.

COWELL: That's correct I believe the viewers have reviewed the properties that were directed to and have prepared a new benefits and also a percentage table that I believe are being passed out amongst the people here I guess at this point call upon Mr. Dietz to providing comments he has regarding the reviewing that was done.

CASEY: okay Mr. Dietz.

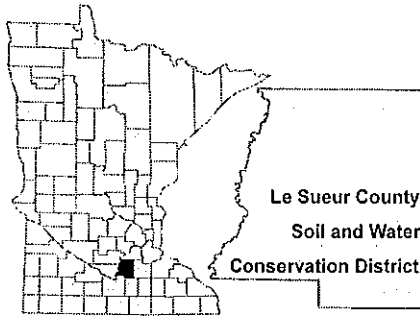
DIETZ: I guess our main objective in viewing this ditch or any other ditch is to try to be as fair as unbiased, and unprejudicial as we possibly can and mother nature layed down some of the lands and she didn't use the calculator or make things come out to the exact acre or exact drop of water or what have you, and it's very difficult thing we had to do. Now the first time around we classified this land by the degree of wetness and the wettest land we felt after being drained would get the greatest benefits. That is what we did and later finding out that some of these lands layed below the level of the ditch and therefore in regards of what we the ditch did they would not be drainable. So that was unfair anyone can see that water doesn't run up hill to jump into the ditch and run off.

So actually we throw that whole system away because it was unfair to many land owners. We went and reviewed some of these areas felt that those areas that are closest to the ditch would reap the greatest benefit, and wo we set up a schedule or a criteria where closeness to the ditch determined the degree of benefit. In some cases where the pothole might be below the level of the ditch we felt there would still be some benefit in as much as the landowner might resort to a pumping system. Nevertheless he's still got that ditch so he's still assessed towards making some contribution towards the ditch so that is what we did. Now you have the schedule in your hand and those lands lying immediately

CHANGE OF TAPE acre where ever 40 rods or for every 40 acres removed from the ditch that assessment dropped down to \$20, and in some cases where it was only high land to \$10. However if there was wet land there, then it would be assessed \$20 and the further away from the ditch the lesser the assessment, and in many cases comparing the old assessment with the new there wasn't that much difference but there were individual cases where there were differences. Now I guess that is about all I have to say I did the best I could and we present our report and we ask for your consideration. Could you repeat the cost break land lying immediately on the ditch would be assessed \$30 an acre, and that land lying 40 rods or a 40 acre plot away from the ditch would be assessed \$20 an acre, 3 and that lying would be \$10.

CASEY: Mr. Cowell we turn it back to you then.

COWELL: At this point I'd entertain questions from the viewers I think rather than.



Le Sueur County Soil & Water Conservation District

Le Sueur County SWCD
181 W Minnesota St
Le Center, MN 56057

Tel. (507) 357-4879 Ext. 3
Fax. (507) 357-6982

E-mail: Michael.Schultz@mn.nacdnet.net
E-mail: Sue.Prchal@mn.nacdnet.net

1/8/2014

EXHIBIT # 3

Rocky Stangler
33515 Lake Pepin RD
Montgomery, MN 56069

Mr. Stangler,

As you requested in writing from your letter dated 12/23/2014, addressed to Roger Ruhland regarding what State and Federal programs would restrict your property from farm drainage. The following are the programs and agencies that you would need to work with to receive permitting.

Minnesota Department of Natural Resources (DNR)- The land is identified as a DNR Public Water which would require a DNR permit to do any work on that ground. Without DNR approval the land would not be in compliance.

Minnesota Wetland Conservation Act (WCA) (MN Statute 8420)- The MN WCA has a no net loss in wetlands in Le Sueur County. Which would likely need mitigation package to drain the wetland. Mitigation packages would likely require a minimum of 2 acres or more to be restored to every acre that will be drained.

Army Corps of Engineers (ACOE)- ACOE regulates the Federal Clean Water Act and would likely have jurisdiction of this wetland. The Clean Water Act also has a no net loss in wetlands.

US Department of Agriculture, Federal Farm Bill- Draining this wetland would conflict with the Wetland Compliance program and would make the landowner ineligible for Farm Programs.

If you have any further questions on this matter do not hesitate to contact me.

Michael Schultz
Le Sueur SWCD-Technician
Le Sueur County WCA-LGU

Ready Watt ELECTRIC

21269 Jarvis Street NW
Nowthen, MN 55330

Phone (763) 241-4944

Fax (763) 241-5245

www.readywattelectric.com

rschiller@readywattelectric.com

Invoice



Date	Invoice #
9/21/2015	99525

Bill To
Ann Traxler LeSueur County Emergency Management 88 South Park Avenue LeCenter, MN 56057

P.O. No.	Terms	Due Date	Project
	Net 30	10/21/2015	15-669 LeSeure County

Description	Amount
Siren not working. Checked all fuses, chargers, batteries, connections, cleaned boxes good, caulk conduit, installed KO seal (weather proof) Ground box properly. (2) batteries were bad the other 2 load tested low. Replaced all (4) batteries checked and adjusted all chargers. Replaced (1) bad charger, replaced (2) bad 10amp fuses. Tightened all loose connections. Manual test good. County silent test good. Cleaned batteries acid inside cabinets and trays from old battery exploded.	1,105.00

Thank you for your business, Rob Schiller 612-221-4983	Total	\$1,105.00
<p>If payment is not received within 30 days 1 1/2% interest penalty will be added to the total of the invoice.</p>		



Minnesota Department of Public Safety (“State”) Homeland Security and Emergency Management Division 445 Minnesota Street, Suite 223 St. Paul, Minnesota 55101	Grant Program: Radiological Emergency Preparedness 2016-17 Grant Agreement No.: A-REP-2016-LESUECO-0038
Grantee: Le Sueur County 88 S. Park Avenue Le Center, MN 56057	Grant Agreement Term: Effective Date: 7/1/2015 Expiration Date: 6/30/2017
Grantee’s Authorized Representative: Ann Traxler 88 S. Park Avenue Le Center, MN 56057 Phone: 507-380-0048 atraxler@co.le-sueur.mn.us	Grant Agreement Amount: Original Agreement \$12,000.00 Matching Requirement \$0.00
State’s Authorized Representative: Patrick McLaughlin Homeland Security and Emergency Management 445 Minnesota St., Suite 223 St. Paul, Minnesota 55101 Phone: 651-201-7434 Patrick.McLaughlin@state.mn.us	Federal Funding: None State Funding: Minnesota Statutes Chapter 12, Section 12.22, Subd.2 and Sections 12.13 and 12.14 Special Conditions: None

Under Minn. Stat. § 299A.01, Subd 2 (4) the State is empowered to enter into this grant agreement.

Term: Effective date is the date shown above or the date the State obtains all required signatures under Minn. Stat. § 16B.98, subd. 7, whichever is later. Once this grant agreement is fully executed, the Grantee may claim reimbursement for expenditures incurred pursuant to the Payment clause of this grant agreement. Reimbursements will only be made for those expenditures made according to the terms of this grant agreement. Expiration date is the date shown above or until all obligations have been satisfactorily fulfilled, whichever occurs first.

The Grantee, who is not a state employee will:
Perform and accomplish such purposes and activities as specified herein and in the Grantee’s approved Radiological Emergency Preparedness 2016-17 Application (“Application”) which is incorporated by reference into this grant agreement and on file with the State at Homeland Security and Emergency Management Division, 445 Minnesota Street, Suite 223, St. Paul, Minnesota 55101. The Grantee shall also comply with all requirements referenced in the Radiological Emergency Preparedness 2016-17 Guidelines and Application which includes the Terms and Conditions and Grant Program Guidelines (<https://app.dps.mn.gov/EGrants>), which are incorporated by reference into this grant agreement.

Budget Revisions: The breakdown of costs of the Grantee’s Budget is contained in Exhibit A, which is attached and incorporated into this grant agreement. As stated in the Grantee’s Application and Grant Program Guidelines, the Grantee will submit a written change request for any substitution of budget items or any deviation and in accordance with the Grant Program Guidelines. Requests must be approved prior to any expenditure by the Grantee.



Matching Requirements: (If applicable.) As stated in the Grantee’s Application, the Grantee certifies that the matching requirement will be met by the Grantee.

Payment: As stated in the Grantee’s Application and Grant Program Guidance, the State will promptly pay the Grantee after the Grantee presents an invoice for the services actually performed and the State's Authorized Representative accepts the invoiced services and in accordance with the Grant Program Guidelines. Payment will not be made if the Grantee has not satisfied reporting requirements.

Certification Regarding Lobbying: (If applicable.) Grantees receiving federal funds over \$100,000.00 must complete and return the Certification Regarding Lobbying form provided by the State to the Grantee.

1. ENCUMBRANCE VERIFICATION

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

Signed: _____

Date: _____

3. STATE AGENCY

By: _____
(with delegated authority)

Title: _____

Date: _____

Grant Agreement No. A-REP-2016-LESUECO-0038 / PO# 3000036435

2. GRANTEE

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

By: _____

Title: _____

Date: _____

By: _____

Title: _____

Date: _____

Distribution: DPS/FAS
Grantee
State’s Authorized Representative

2016-17 (REP) Radiological Emergency Preparedness

EXHIBIT A

Organization: Le Sueur County

A-REP-2016-LESUECO-0038

Budget Summary

REP SFY 2016: Ingestion				
Budget Category		Award		
Planning/Training/Drills/Exercise				
2016		\$6,000.00		
Total		\$6,000.00		
Total		\$6,000.00		
REP SFY 2017: Ingestion				
Budget Category		Award		
Planning/Training/Drills/Exercise				
2017		\$6,000.00		
Total		\$6,000.00		
Total		\$6,000.00		
Total		\$12,000.00		
Allocation		\$12,000.00		
Balance		\$0.00		



Le Sueur County, MN

Tuesday, October 6, 2015

Board Meeting

Item 10

Future Meetings

Staff Contact:

Future Meetings 2015

October 6, 2015	Board Meeting, 9:00 a.m.
October 8, 2015	P&Z Meeting, 7:00 p.m. Environmental Services Building
October 13, 2015	No Board Meeting
October 15, 2015	Board of Adjustment Meeting, 3:00 p.m. Environmental Services Building
October 20, 2015	Board Meeting, 9:00 a.m.
October 27, 2015	Board Meeting, 9:00 a.m. *CD #16 Redetermination of Benefits Public Hearing, 9:30 a.m. **Nicollet/Le Sueur Joint Meeting, 12:00 in the President's Dining Room at the Student Center at Gustavus College in St. Peter
October 28, 2015	Scott-Le Sueur General Information Ditch Workshop, 1:00 – 4:00 p.m. at the Nye Center
November 3, 2015	Board Meeting, 9:00 a.m. *JD #1 Lat 2 Public Hearing, 1:30 p.m. at the Scott County Government Center in Shakopee
November 10, 2015	No Board Meeting
November 11, 2015	Offices closed for Veteran's Day
November 12, 2015	P&Z Meeting, 7:00 p.m. Environmental Services Building
November 17, 2015	Board Meeting, 9:00 a.m.

November 17, 2015	Le Sueur – Waseca Community Health Board (CHB) 1:30pm in the Waterville City Council Chambers
November 19, 2015	Board of Adjustment Meeting, 3:00 p.m. Environmental Services Building
November 24, 2015	Board Meeting, 9:00 a.m.
November 26-27, 2015	Offices Closed for Thanksgiving
December 1, 2015	Board Meeting, 9:00 a.m.
December 8, 2015	No Board Meeting
December 10, 2015	P&Z Meeting, 7:00 p.m. Environmental Services Building
December 15, 2015	Board Meeting, 4:30 p.m. <i>*Final Levy and Budget Public Hearing, 6:00 p.m. at the LSC Courthouse in the Commission Chambers</i>
December 17, 2015	Board of Adjustment Meeting, 3:00 p.m. Environmental Services Building
December 22, 2015	Board Meeting, 9:00 a.m.
December 24, 2015	Offices Close at Noon for Christmas
December 25, 2015	Offices Closed for Christmas
December 29, 2015	No Board Meeting