

2018 YEAR-IN- REVIEW



Area II Minnesota River Basin Projects

2018 BOARD OF DIRECTORS

BROWN COUNTY ~

DENNIS POTTER

Vice Chairman

Dean Simonsen *(alternate)*

COTTONWOOD COUNTY ~

Norman Holmen

Jim Schmidt *(alternate)*

LAC QUI PARLE COUNTY ~

John Maatz

Roy Marihart *(alternate)*

LINCOLN COUNTY ~

Corey Sik

Joe Drietz *(alternate)*

LYON COUNTY ~

RICK ANDERSON

Secretary/Treasurer

Gary Crowley *(alternate)*

MURRAY COUNTY ~

Lori Gunnink

Gerald Magnus *(alternate)*

PIPESTONE COUNTY ~

LUKE JOHNSON

Chairman

Bruce Kooiman *(alternate)*

REDWOOD COUNTY ~

Lon Walling

Dennis Groebner *(alternate)*

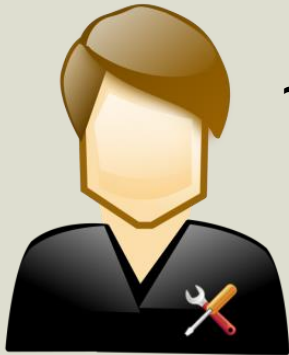
YELLOW MEDICINE COUNTY ~

Glen Kack

Ron Antony *(alternate)*



STAFF



~ EXECUTIVE DIRECTOR ~
Kerry Netzke
(25 years of service)

~ PROFESSIONAL ENGINEER ~
Duane Hansel, PE
Bolton & Menk, Inc.
(18 years of service)



~ ENGINEERING TECHNICIAN ~
Joe DeSchepper
(25 years of service)



Area II

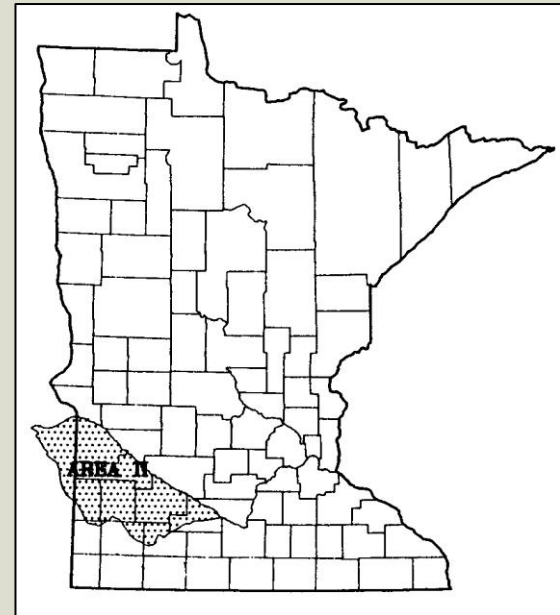
9 County Joint Powers Organization pursuant to MN Statutes Section 471.59

Partner Counties include:

*Brown, Cottonwood, Lac qui Parle,
Lincoln, Lyon, Murray, Pipestone,
Redwood and Yellow Medicine*

9 Member Board of Directors consisting of an appointed Commissioner from each county

*Funding consists of \$87,000 from county appropriations
and \$140,000 per year State of Minnesota grant*



2018 HIGHLIGHTS

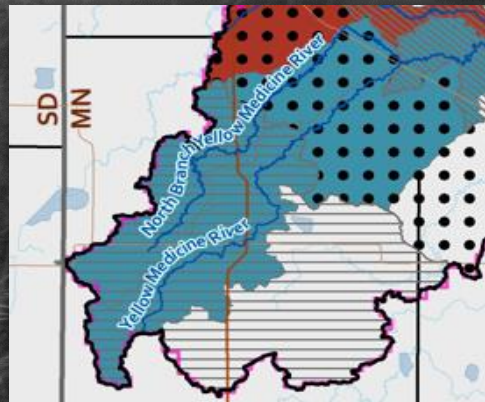
- Late snowfall, July flooding and wet weather conditions postponed and hampered the construction season
- **7** floodwater retention projects completed:
 - 4** Grade Stabilization Reinstallations (i.e. Dam Repairs)
 - 2** New Grade Stabilizations (Dams)
 - 1** Road Retention
- Received \$700,000 in Bonding Funds from the 2018 Legislature



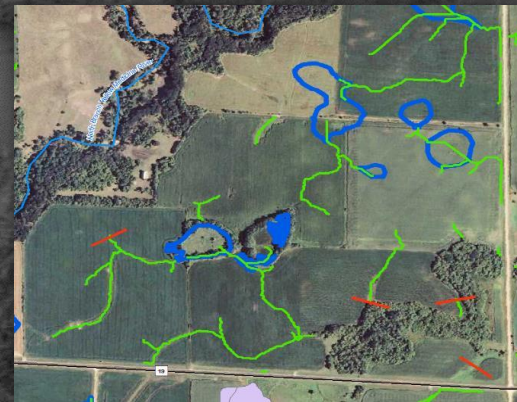
Yellow Medicine One Watershed, One Plan

December 14, 2016 -- Plan approval by the BWSR Board

In 2017, a \$50,000 amendment was approved to link the Scenario Application Manager (SAM) output to Agricultural Conservation Planning Framework (ACPF) output to target field-scale projects.



SAM Used to Prioritize
Subwatersheds and Evaluate
Implementation Scenarios



Resulted in 1000's of potential
Project locations

In 2018, funding was received:

\$551,712 BWSR Watershed-Based Funding (+10% local match)
~\$500,000 USDA Regional Conservation Partnership Program (RCPP)
\$ 127,000 USDA National Water Quality Initiative Funds (NWQI)
Cottonwood Lake subwatershed
\$ 17,000 MN Dept. of Health Well Sealing Grant
\$ 1,195,712

Yellow Medicine
River Watershed
District

Area II
Minnesota River
Basin Projects



SWCDs:

Lincoln, Lyon,
Yellow Medicine,
Lac qui Parle

Counties:

Lincoln, Lyon,
Yellow Medicine,
Lac qui Parle

Area II

Minnesota River Basin Projects

**2018
Completed
Projects**

Lincoln County

Hansonville 27 Grade Stabilization Reinstallation



Funded by:
Lincoln SWCD,
LQP-YB
Watershed District &
landowner

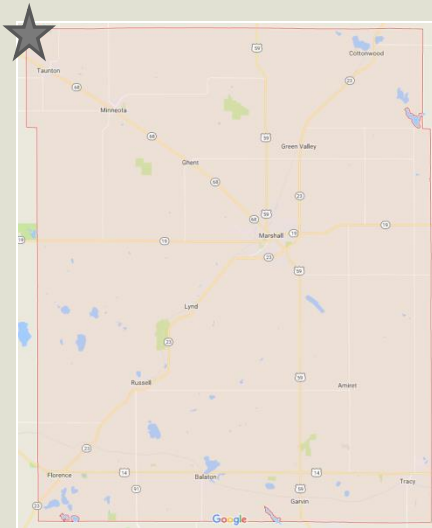


Groundworks, Inc.-- Ivanhoe, MN

Lyon County

Nordland 6 Road Retention

Funded by:
Bonding, YMRWD, Nordland
& Eidsvold Townships,
Lyon County, and Area II



A&C Excavating, Inc.
Marshall, MN

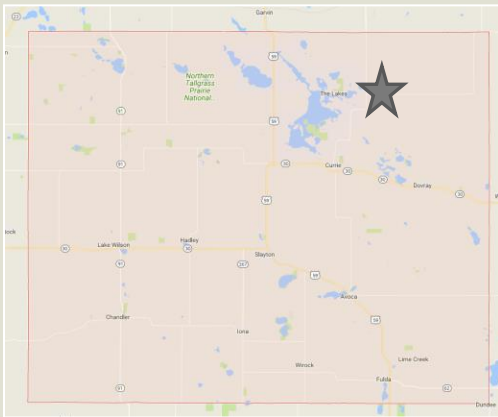


Murray County

Shetek 23 Grade Stabilization

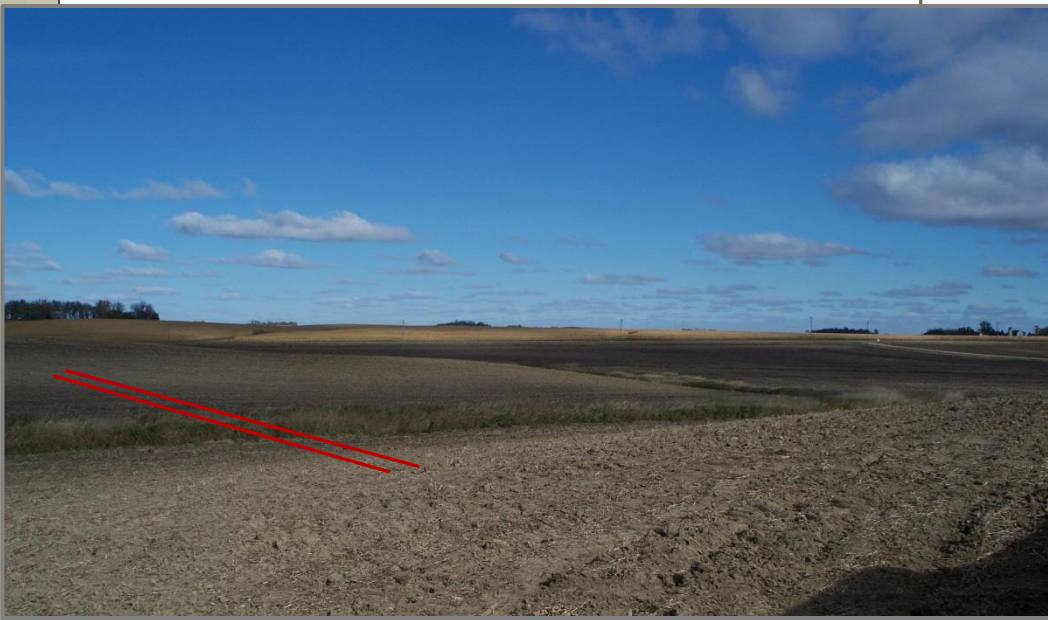
Funded by:
Bonding, Area II and
landowner.

Noomen Excavating, Inc.
Currie, MN



Redwood County

Sheridan 1 Grade Stabilization



Funded by:
Flood Relief,
Area II and
landowner



Thompson Excavating, Inc.
Taunton, MN

Renville County

Birch Cooley 19 Grade Stabilization Reinstallation

Funded by:
Flood Relief and
Renville SWCD



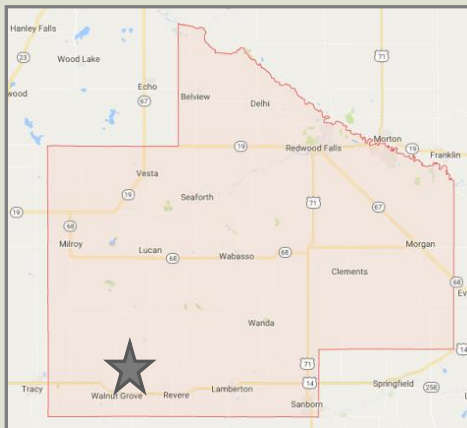
Schmidt Construction, Inc.
Redwood Falls, MN





North Hero 30 Grade Stabilization Reinstallation

Funded by:
Disaster Relief Funds &
landowner, Area II
(engineering)

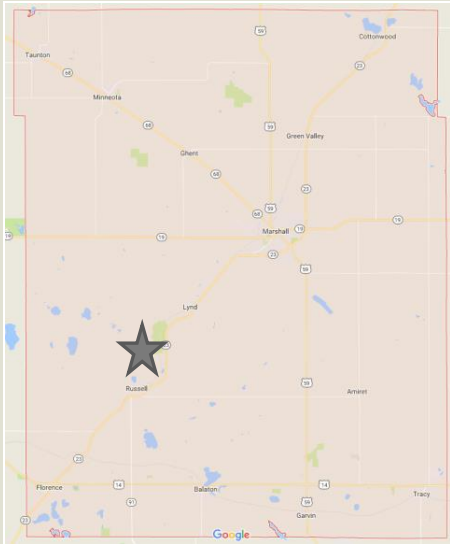


Lyon County



Lynd 33 Grade Stabilization Reinstallation

Funded by:
RCRCA 319 Funds, Bonding,
Landowner , Lyon SWCD & Area II



Ryan West Excavating, Inc.
Amiret, MN

Redwood County

2017

Redwood Falls 18 Grade Stabilization

Funded by:
Bonding, Landowner & Area II



Mathiowetz Construction Co.
Sleepy Eye, MN



Area II

Minnesota River Basin Projects

\$1,000,000

FY 2016

BONDING

APPROPRIATION

Status

FY'2016 Bonding

PROJECT	COUNTY	BONDING AMOUNT
BEGINNING BALANCE 10/1/2015		\$1,000,000.00
FY'16 Expenditures		\$ 68,322.88
FY'17 Expenditures		\$ 322,915.20
FY'18 Expenditures		\$ 455,572.91
FY'19		
Nordland 6 Road Retention (partial payment)	Lyon	\$ 51,397.83
Shetek 23 Grade Stabilization	Murray	\$ 36,014.13
TOTAL EXPENDITURES		\$ 934,222.95
REMAINING BALANCE 11/1/2018		\$ 65,777.05
Nordland 6 Road Retention (final payment)	Lyon	~ \$ 17,510.48
Engineering & Expenses Reimbursement		~ \$ 48,266.57
REMAINING BALANCE 12/31/2018		\$ - 0 -

Area II

Minnesota River Basin Projects

\$700,000

FY 2019

BONDING

APPROPRIATION

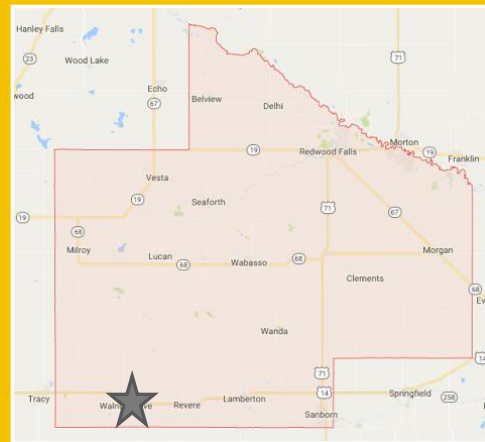
Status

FY'2019 Bonding

PROJECT	COUNTY	BONDING AMOUNT
BEGINNING BALANCE 10/22/2018		\$ 700,000.00
Charlestown 34 Grade Stabilization	Redwood	\$ 68,000.00
Sheridan 1 Grade Stabilization	Redwood	\$ 33,928.72
Lake Marshall 32 Grade Stabilization Reinstallation	Lyon	\$ 15,202.42
TOTAL EXPENDITURES/ENCUMBRANCES TO DATE		\$117,131.14
REMAINING BALANCE 11/1/2018		\$582,868.86

According to NOAA, for the Walnut Grove area, the 11" of rain received in 8 hours is greater than a 1,000-year frequency flood event.

11.2" in 2 days is considered as a 1,000-year event.



Record Flooding

July 2, 2018

Lake Laura – Walnut Grove

Reservoir

Constructed in 1979

Above:
June 5, 2018

Right:
July 2, 2018



Lake Laura – Walnut Grove



Emergency
Spillway Flow –
1st time EVER!

Outlet



Lake Laura – Walnut Grove



Top of Dam





Emergency Spillway



Emergency Spillway Flow



Lake Laura – Walnut Grove



Emergency Spillway



- Tree in the lower section of the Emergency Spillway caused a gully measuring (125' long x 6' wide x 3' deep)



Constructed using 2'
compacted lifts of clay material

Springdale 21 Road Retention



Repairs covered by
FEMA funding

Springdale 21 Road Retention



Area II

Minnesota River Basin Projects

