

2017 YEAR-IN- REVIEW



Area II Minnesota River Basin Projects

2017 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 ~

Joe Drietz

Corey Sik *(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
(24 years of service)

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



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



Area II

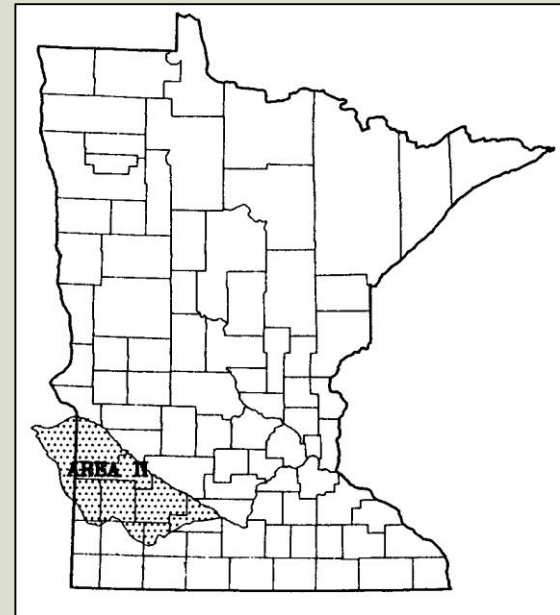
**9 County Joint Powers Organization
pursuant to MN Statutes Section 471.59**

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*



2017 HIGHLIGHTS

- Wet weather conditions contributed to a long and ongoing construction season
- 18 floodwater retention projects completed:
 - 9** Grade Stabilization Reinstallations
(i.e. Dam Repairs)
 - 5** New Grade Stabilizations (Dams)
 - 3** Grade Stabilizations Projects
 - 1** Pump Station to divert a county ditch into restored wetlands
- Renewal of the joint powers agreement until December 31, 2019



- **Yellow Medicine One Watershed, One Plan**

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

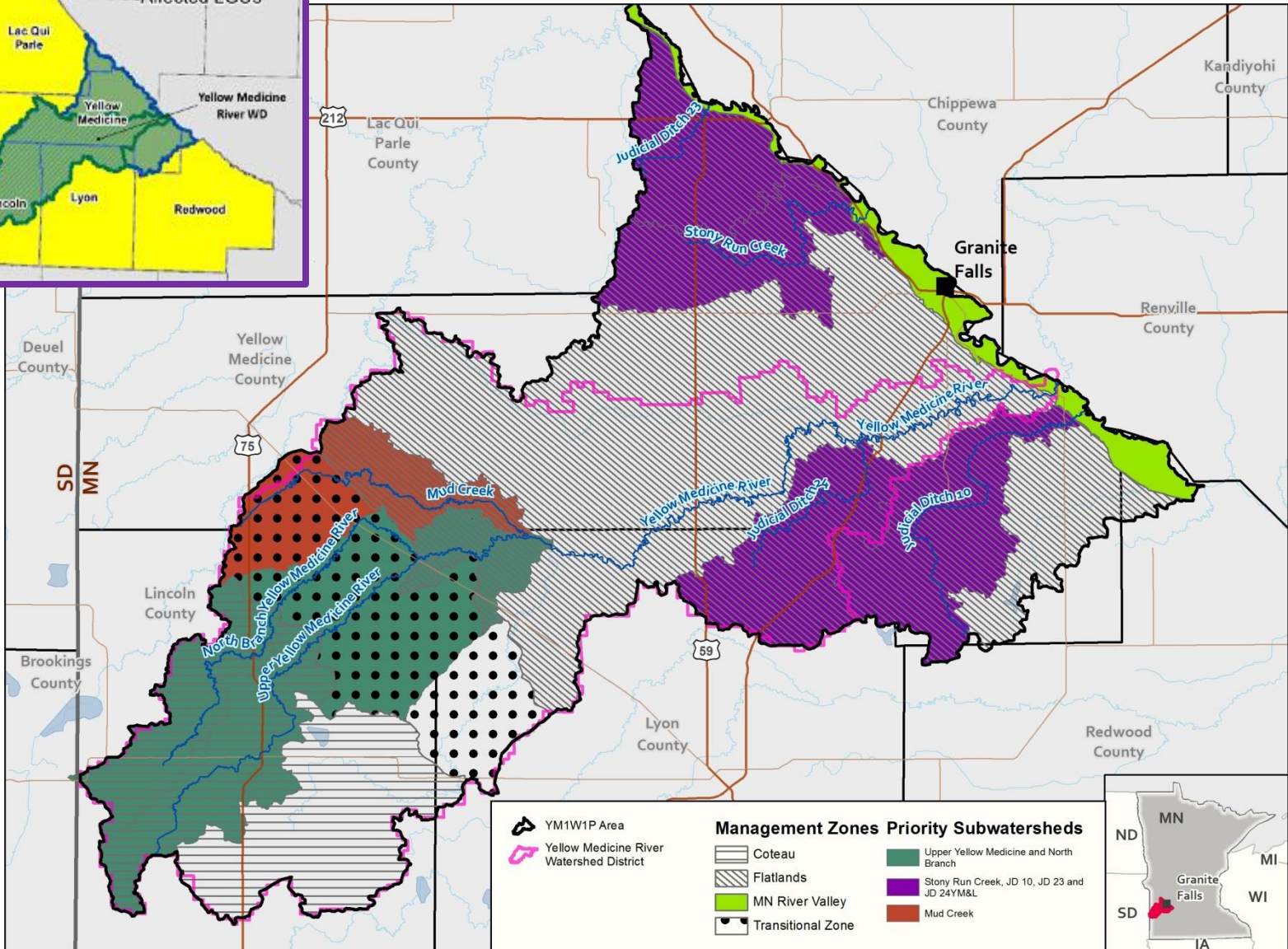
To keep the momentum going until BMP funding arrives in 2018, a **\$50,000 amendment** was approved to link the Scenario Application Manager (SAM) output to Agricultural Conservation Planning Framework (ACPF) output. This work will be completed by December 31, 2017 by RESPEC.



**One Watershed
One Plan**

One Watershed, One Plan

PRIORITY SUBWATERSHEDS



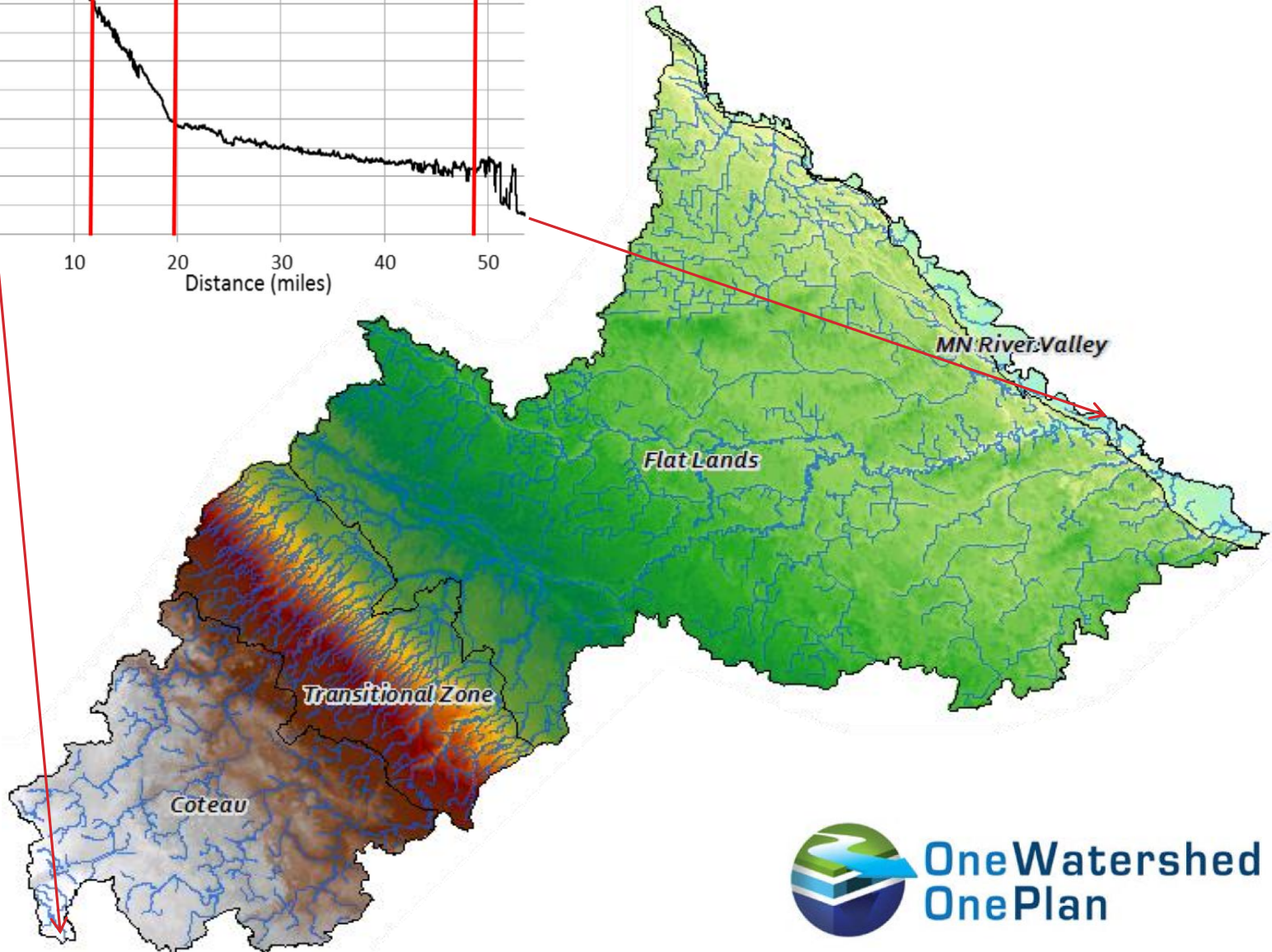
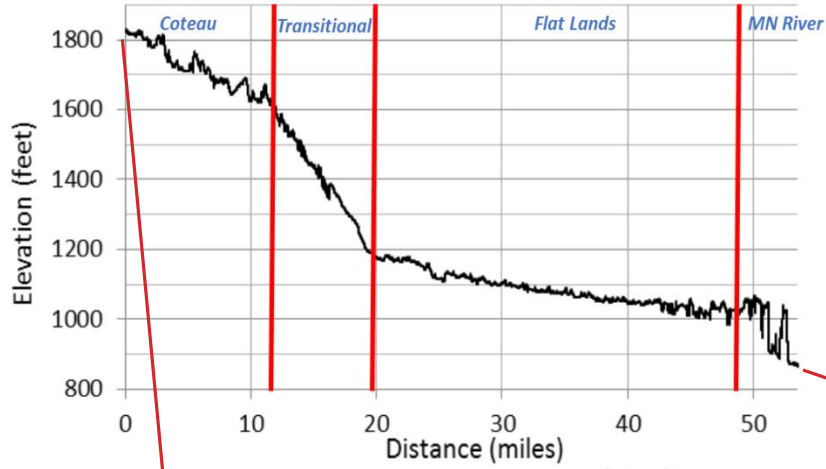
YM1W1P Area
 YM1W1P Area
 Yellow Medicine River Watershed District

Management Zones Priority Subwatersheds

Coteau	Upper Yellow Medicine and North Branch
Flatlands	Stony Run Creek, JD 10, JD 23 and JD 24YM&L
MN River Valley	Mud Creek
Transitional Zone	



One Watershed, One Plan MANAGEMENT ZONES



One Watershed, One Plan

MEASURABLE GOALS

Priority Concerns	Identified Issue and Concern	2017–2026 1W1P Measurable Goals
Mitigate altered hydrology and minimize flooding	Flood reduction; Stream health	Add 1,000 acre-feet of new stormwater storage
		No net increase in highest annual peak flows
		3% increase in dry season base flow
Minimize the transport of sediment, excess nutrients, and bacteria	Excess sediment	10% decrease in total suspended solids (TSS) loads
	Excess phosphorus	10% decrease in total phosphorus (TP) loads
	Excess nitrogen	8% decrease in total nitrogen (TN) loads
Protect and preserve groundwater quantity and quality	Potential groundwater contamination	<p>Seal 25 unused wells per year</p> <p>Begin hydrogeologic atlas process</p> <p>Maintain fewer than 10% of private wells failing to meet 10 mg/L nitrate water quality standard</p>

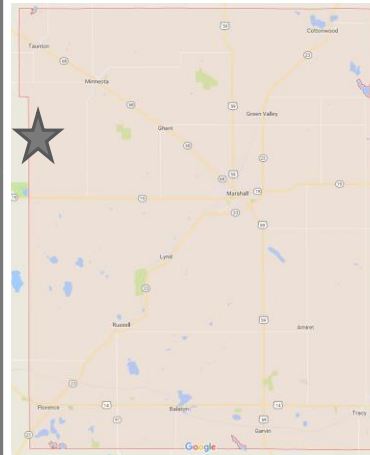
Area II

Minnesota River Basin Projects

**2017
Completed
Projects**

Lyon County

Nordland 20SE Grade Stabilization



Funded by:
Bonding,
Area II &
landowner



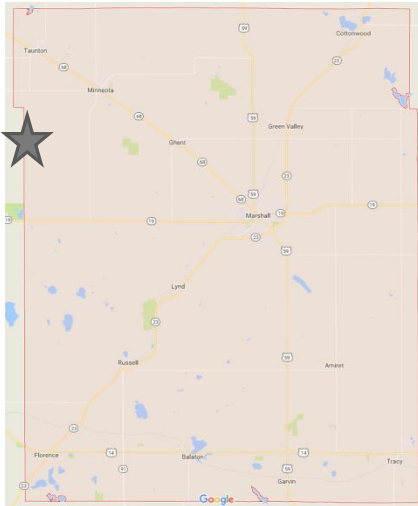
Thompson
Construction, Inc.
Taunton, MN

Lyon County

Nordland 20SW Grade Stabilization Reinstallation

Thompson Excavating, Inc.

Taunton, MN



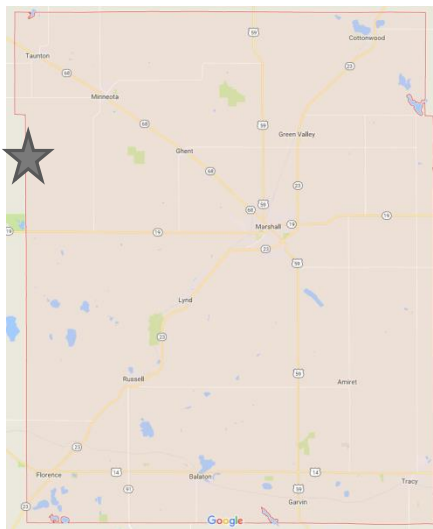
Funded by:
Bonding, Area II &
landowner



Lyon County

Nordland 19 Grade Stabilization Reinstallation

Funded by:
Bonding, Area II & landowner



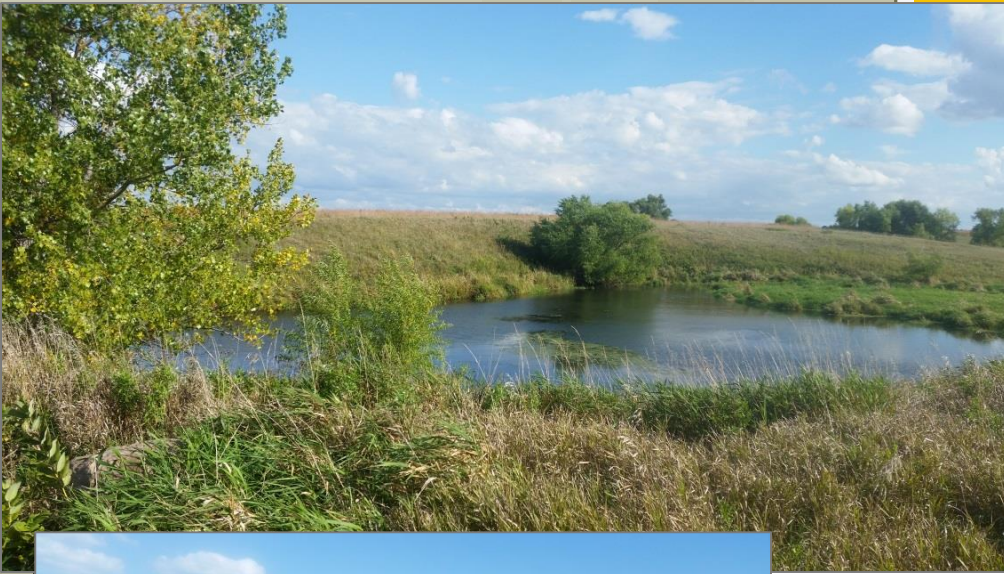
Groundworks, Inc.
Ivanhoe, MN



Lyon County

Monroe 16 Grade Stabilization

Ryan West Excavating, Inc.
Amiret, MN



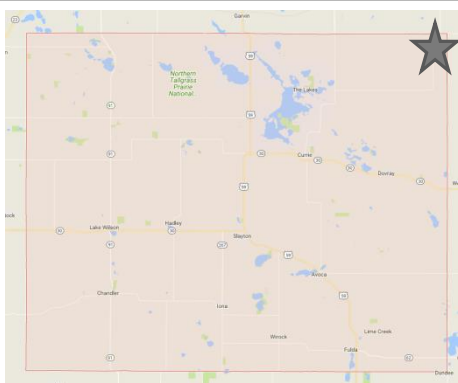
Funded by:
Bonding,
Area II and
landowner

Murray County



Holly 1 Grade Stabilization Reinstallation

Funded by:
Bonding, Area II and landowner



Thompson
Excavating, Inc.
Taunton, MN



Thompson
Excavating
Taunton, MN

Lincoln County Ditch 37 Pump Station



*5,680' of county tile system diverted into
67 acres of restored wetlands (RIM/CREP)
saving the system at least \$100,000.
138 acre-feet of floodwater storage.*

Funded by:
Bonding,
County Ditch 37 Fund,
and Area II



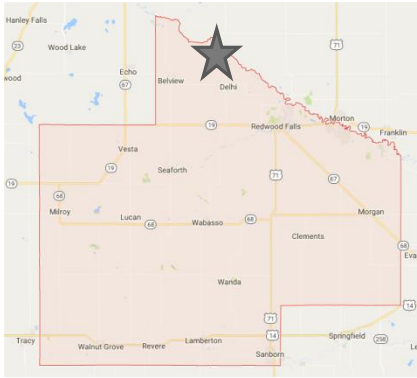
Verdi 1 Grade Stabilization Reinstallation

A&C Excavating, Inc.
Marshall, MN

Funded by:
Lincoln
SWCD
cost
share
&
landowner



Redwood County



Brey Tiling, Inc.
Marshall, MN



Delhi 5 Grade Stabilization/ Small Dam



Redwood County

Johnsonville 34E Grade Stabilization Reinstallation

Funded by:
Disaster Relief Funds and landowner

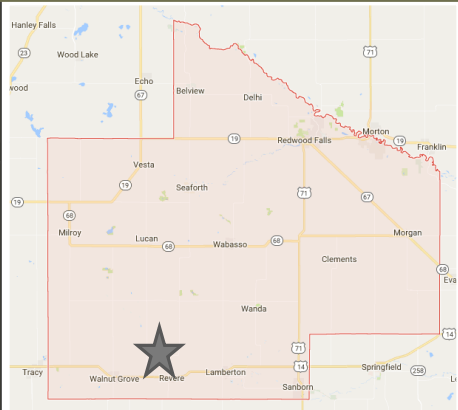


Thompson
Excavating, Inc.
Taunton, MN

Redwood County

Johnsonville 34W Grade Stabilization Reinstallation

Thompson Excavating, Inc.
Taunton, MN



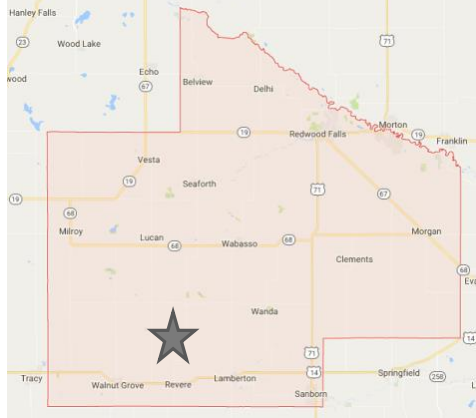
Funded by:
Disaster Relief
Funds
and landowner





Gales 26 Grade Stabilization

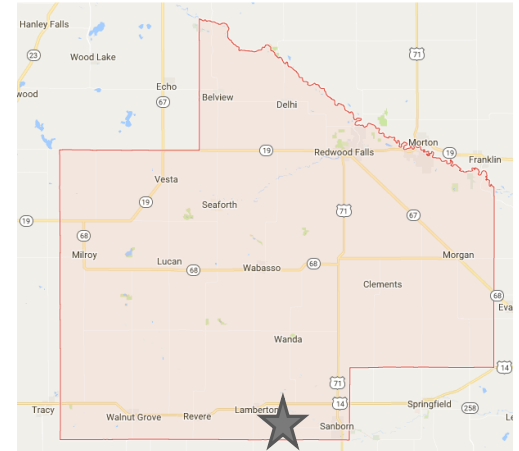
Funded by:
EQIP, Bonding, Area II and
landowner



Brey Tiling, Inc.
Marshall, MN

Redwood County

Charlestown 30 Grade Stabilization Reinstallation



Ryan West Excavating, Inc.
Amiret, MN

Funded by:
Disaster Relief, Landowner and Area II

Redwood County

Charlestown 30 Grade Stabilization



Brey Tiling, Inc.
Marshall, MN

Funded by:
EQIP, Bonding,
Landowner & Area II



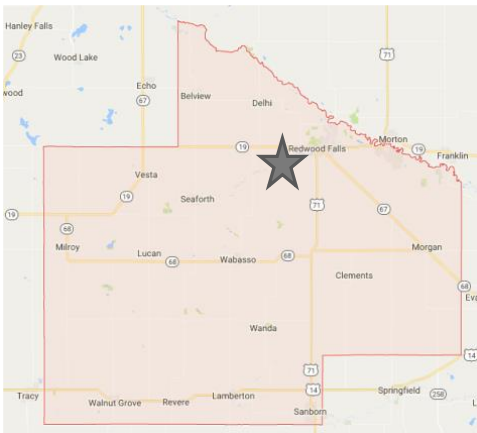
Redwood County

Redwood Falls 18 Grade Stabilization

Funded by:

Bonding, Landowner & Area II

Mathiowetz
Construction Co.
Sleepy Eye, MN



Area II

Minnesota River Basin Projects

**FY 2016
BONDING
APPROPRIATION
Status**

FY'2016 Bonding

PROJECT	COUNTY	BONDING AMOUNT
BEGINNING BALANCE 10/1/2015		\$1,000,000.00
FY'16 Charlestown 28 Grade Stabilization	Redwood	\$68,322.88
FY'17 Island Lake 2 Grade Stabilization Reinstallation	Lyon	\$23,686.13
Nordland 34 Grade Stabilization Reinstallation	Lyon	\$28,760.33
Upper Delhi 30 (1) Grade Stabilization Reinstallation	Redwood	\$20,101.07
Upper Delhi 30 (2) Grade Stabilization Reinstallation	Redwood	\$26,830.51
Lake Stay 3 Grade Stabilization	Lincoln	\$43,471.62
Lake Benton 5 Grade Stabilization Reinstallation	Lincoln	\$21,289.13
Lake Benton 25 Grade Stabilization Reinstallation	Lincoln	\$50,105.48
Gales 15 Grade Stabilization	Redwood	\$61,334.14
Ann 4 Grade Stabilization Reinstallation	Cottonwood	\$24,133.04
North Hero 4 Grade Stabilization Reinstallation	Redwood	\$1,569.38
<i>Charlestown 30 Grade Stabilization (Pfarr) in construction</i>	<i>Redwood</i>	<i>\$21,634.37</i>
TOTAL EXPENDITURES		\$391,238.08
REMAINING BALANCE 11/12/2016		\$608,761.92

FY'2016 Bonding

PROJECT	COUNTY	BONDING AMOUNT
BEGINNING BALANCE 11/12/2016		\$ 608,761.92
FY'18 <i>Charlestown 30 Grade Stabilization (Pfarr) completed</i>	<i>Redwood</i>	<i>\$63,790.63</i>
Johnsonville 34W Grade Stabilization Reinstallation	Redwood	\$18,607.05
Redwood Falls 18 Grade Stabilization	Redwood	\$70,959.88
Nordland 20SW Grade Stabilization Reinstallation	Lyon	\$16,364.03
Monroe 16 Grade Stabilization	Lyon	\$60,048.30
Nordland 19 Grade Stabilization Reinstallation	Lyon	\$20,959.18
Nordland 20SE Grade Stabilization	Lyon	\$32,600.70
County Ditch 37 Pump Station	Lincoln	\$97,817.25
Gales 26 Grade Stabilization	Redwood	\$162.00
Holly 1 Grade Stabilization Reinstallation	Murray	\$28,979.33
Sodus 36 Grade Stabilization Reinstallation	Lyon	\$24,133.85
<i>Shetek 23 Grade Stabilization (2018)</i>	<i>Murray</i>	<i>\$43,422.23</i>
<i>Nordland 6 Road Retention (2018)</i> <i>25% match: YMRWD, 2 Twps, Lyon SWCD</i>	<i>Lyon</i>	<i>\$87,297.98</i>
TOTAL EXPENDITURES/ENCUMBRANCES TO DATE		956,380.49
REMAINING BALANCE 11/1/2017		\$ 43,619.51

Area II

Minnesota River Basin Projects

**2018
LEGISLATIVE
NEEDS**

Bonding for Area II:

\$1,000,000 for Floodwater Retention Projects

\$43,619.51 remains of the

\$1,000,000 FY'16 Bonding Appropriation



Bonding for Partners:

Lake Redwood Reclamation Project

Senate File 1421 - House File 1473

\$7.82M for the dredging of Lake Redwood to increase the depth from an average of 2.8' to 15', removing 650,000 cubic yards of sediment.

RCRCA would provide grant administration with the City of Redwood Falls providing project management.

Bonding for Partners:

Lac qui Parle-Yellow Bank Watershed District

Senate File 1934/House File 2507

\$500,000 for consultant engineering of
2 large floodwater retention structures.

AREA II

MINNESOTA RIVER BASIN PROJECTS



For more
information
about Area II,
check out our
website
www.area2.org