

A-51 Shawano Connection

State of Wisconsin
 Department of Natural Resources
dnr.wi.gov

Motorized Recreation Grant Application

For: (choose all that apply)

Form 8700-159 (R 02/2024)

Due Date: April 15

- ATV/UTV Trail Aid
- Snowmobile Trail Aid

Notice: Completion of this form is required under Wisconsin Statutes 23.09(26) and 23.33. Failure to complete this form will result in denial of financial assistance. Personally identifiable information found on this form is not intended to be used for any other purpose. The Department of Natural Resources (DNR) may provide this information to requesters as required by Wisconsin's Public Records law {ss. 19.31 – 19.39, Wis. Stats.}.

Instructions: Applications may combine more than one source of funds. They may be submitted for consideration of traditional ATV, UTV, Snowmobile and Motorized Stewardship funding. Submit one copy of all forms and attachments. See Page 2 for necessary attachments. Send applications to your [Community Services Specialist](#).

| DNR Use Only | |
|--------------|--------|
| Category | Number |
| | |

Section 1: Applicant Information

| | | | | | | | |
|---|-------------|--|--|---|-------------|-------------------|--|
| Applicant / Organization Name Shawano County | | | | Check Recipient: Individual other than authorized individual to act on behalf of the applicant. <input type="checkbox"/> Select if the same as applicant. | | | |
| Individual Authorized to Act on Behalf of Applicant per Resolution Keith Marquardt | | | | Check Recipient Name (Name to Appear on Check) Emily Kazik | | | |
| Title Parks Director | | | | Title County Treasurer | | | |
| Address W5785 Lake Drive | | | | Address 311N Main St | | | |
| City Shawano | State WI | ZIP Code 54166 | | City Shawano | State WI | ZIP Code 54166 | |
| Telephone Number 715-526-5216 | | Email Address keith.marquardt@shawanocountywi.gov | | | | | |

Section 2: Project Information Required for all Projects

| | | | | | | |
|--|---------------|---------------------|--------------------|-----|---|---------------------------|
| Project Title 2026-2027 Trail Maintenance Funding | | | | | Current Funded Miles SN 475.9 ATV 556.6 | New Miles (if applicable) |
| County Shawano | Township N | Range O E O W | Section 1/4 1/4 | 1/4 | GPS Coordinates: Lat. _____ Long. _____ | |

Project Description Summary

Maintenance activities include trail grooming, trail mowing and brushing, trail sign repairs and erection along routes, bridge and culvert repairs, plowing of parking lots and access roads, grading/bulldozing of trail surfaces, transportation of grooming equipment as needed as well as administrative fees with Shawano County. All clubs utilize A class power units. Easements are on file for use of private lands.

This narrative applies to maintenance Not relevant to the ATV Bridge.

New trail miles funding does not require any development dollars. Trails are currently existing and being maintained by respective clubs.

I certify that all maintenance land use agreements are on file.

Estimated Cost

| Maintenance | Acquisition | Insurance | Development | Bridge Rehab. | Trail Rehab. | Total Estimated Cost |
|----------------------------|-------------|-----------|-------------|---------------|--------------|----------------------|
| 198,430 | | | \$219,600 | | | |
| Leave Blank – DNR Use Only | | | | | | |
| | | | | | | |

Applicant Certification

| | |
|---|---|
| Printed Name of Authorized Official <i>Keith Marquardt</i> | Official's Title <i>Parks Director</i> |
|---|---|

As the applicant's authorized official, I certify that, to the best of my knowledge, the information in this application is true and correct.

Signature of Authorized Official
Keith Marquardt

Date Prepared
3/30/26

Motorized Recreation Grant Application

Form 8700-159 (R 04/22)

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Appendix A – Required for Bridge Rehab/Replace, New, or Reroute with New Bridge

Bridge Rehab/Replace
 New Bridge
 Reroute with new bridge

| | | | | | | | |
|--|------------------|---------------|---|---|-----------|--|---|
| County Shawano | Township 27 N | Range 16 | <input checked="" type="radio"/> E <input type="radio"/> W | Section 28 | ¼ ¼ SE | ¼ SE | GPS Coordinates: Lat. 44.7829 Long. -88.55746 |
| Water Body Name Murray Creek | | | | Bridge Name N/A | | County Inventory Number N/A | |
| Funded Trail Name or Number (SNARS if applicable) N/A | | | | Has this bridge site ever received development or rehabilitation funds in the past? <input type="radio"/> Yes <input checked="" type="radio"/> No Year: _____ \$ _____ | | | |
| Bridge is located on: <input checked="" type="radio"/> Private property <input type="radio"/> Public property | | | | Old Bridge/Culvert Size _____ New Bridge/Culvert Size 160x12 | | | |
| Landowner Where Bridge is Located Shawano County Municiple Airport | | | | Telephone Number _____ | | Length of Trail Use Agreement (5 year minimum) Perpetuity | |
| Current maximum load _____ lbs. | | Age of Bridge | | Bridge Material | | | |
| Proposed maximum load 25,000 lbs. | | N/A | | N/A | | | |
| Sponsoring Club Name Wi. Trail Lake Runners ATV/UTV Club LLC. | | | | Club Contact Terry Hoffman | | Telephone Number (414) 333-2284 | |
| Do you have your trail bridges posted as to maximum load? <input type="radio"/> Yes <input checked="" type="radio"/> No | | | | What is the maximum load of the other bridges on the system if groomed with this bridge? N/A | | | |
| What is the weight of your puller & drag/grading equipment? N/A | | | | | | | |
| What other recreational trail uses are planned for this bridge? Hiking, Snowmobiling, Mountain Biking, ETC. | | | | | | | |
| If there are other Recreational uses planned, how much of the bridge cost will be paid for by non-snowmobile or non-ATV users? None | | | | | | | |
| <input checked="" type="radio"/> Yes <input type="radio"/> No Have you contacted your local DNR Water Management Specialist (WMS) regarding a permit? <input checked="" type="radio"/> Yes <input type="radio"/> No Is a permit needed? (Please provide any written correspondence from WMS.) <input checked="" type="radio"/> Yes <input type="radio"/> No Have you contacted your County Zoning Dept. regarding a floodplain determination? <input type="radio"/> Yes <input checked="" type="radio"/> No Will an H & H (hydrologic and hydraulic) study be required? | | | | | | | |

Bridge Project Detailed Description

- 160' x 12 Bridge
- 70' Arched Center Span on 48" Swamp Pans on Riser Legs (61' clear span)
- 45' Approaches on Both Sides on 24" Swamp Pans
- #25,000 Load Rating
- Riprap on creek shore per WI DNR Specs
- 42" Trail Railing
- Double 2x10 treated deck.
- Installation (14-15 Working Days)
- Shipping
- Stamped Engineering Drawings

Shawano County, in conjunction with the Wi Trail Lake Runners ATV club, propose to develop approximately 1 mile of ATV/UTV trail across an airport property, with a 12' x 160' bridge. This trail will complete a road-route riding loop around Shawano Lake.

Appendix A (continued)

Summarize Costs in Appropriate Categories:

Bridge Structure

| | Quote 1 | Quote 2 |
|----------------------|---|---|
| | <input type="radio"/> Steel <input checked="" type="radio"/> Wooden | <input type="radio"/> Steel <input checked="" type="radio"/> Wooden |
| Bridge Dimensions: | <u>160x12</u> | <u>160x12</u> |
| Bridge Manufacturer: | <u>Custom Manufacturing</u> | <u>Anderson Bridges</u> |
| Design Weight Load | <u>25,000 lbs.</u> | <u>25,000 lbs.</u> |
| Cost of Structure: | | |
| 1. Engineering | \$ <u> </u> | \$ <u>20,000</u> |
| 2. Structure | \$ <u>175,000</u> | \$ <u>270,000</u> |
| Subtotal | \$ <u>175,000</u> | \$ <u>290,000</u> |

| | Quote 1 | Quote 2 |
|----------------------------|---|---|
| | <input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate | <input checked="" type="radio"/> Contractor or <input type="radio"/> Sponsor Estimate |
| Installation Costs: | | |
| 1. Engineering | \$ <u>4,000</u> | \$ <u> </u> |
| 2. Site Preparation | \$ <u>34,200</u> | \$ <u>10,000</u> |
| 3. Abutments | \$ <u> </u> | \$ <u>40,000</u> |
| 4. Pilings/Piers | \$ <u> </u> | \$ <u> </u> |
| 5. Approaches | \$ <u> </u> | \$ <u> </u> |
| 6. Riprap | \$ <u> </u> | \$ <u>10,000</u> |
| 7. Labor | \$ <u> </u> | \$ <u>20,000</u> |
| 8. Equipment Rental | \$ <u>4,200</u> | \$ <u> </u> |
| 9. Culverts | \$ <u> </u> | \$ <u> </u> |
| 10. H & H Study | \$ <u> </u> | \$ <u> </u> |
| 11. Wetland Delineation | \$ <u> </u> | \$ <u>400</u> |
| 12. Other <u>Shipping</u> | \$ <u>2,200</u> | \$ <u> </u> |
| Subtotal | \$ <u>44,600</u> | \$ <u>80,400</u> |
| Total Cost | \$ <u>219,600</u> | \$ <u>370,400</u> |

For the application grant, you must take the lowest of the two quotes.

Entire Deck and Railing Projects Contractor Sponsor Club

| | |
|--------------------|--------------------------------|
| Bridge Dimensions: | <u>160x12</u> |
| Design Weight Load | <u>25,000 lbs.</u> |
| 1. Materials | \$ <u>219,600</u> |
| 2. Labor | \$ <u> </u> |
| Total | \$ <u>219,600</u> |

From: J.V. Krebs <jv@custommfginc.com>
Sent: Monday, December 18, 2023 9:32 AM
To: Terry Hoffman <hofftk@hotmail.com>
Subject: RE: Bridge Crossings

Terry,

I've updated the estimate for a 12' bridge with a 25,000 lbs. load capacity and provided answers to your questions below.

1. Installation is included in the estimate, done by our expert crew. With the larger bridge installation will be closer to 14 days.
2. Weight Load can be adjusted to your requirements, Original bridge estimated was a 14,000 lbs. load, This updated estimate is for a 25,000 lbs. load.
3. Per the prints provided, the bridge is made of steel I-beams on steel footings. The decking is 2x10 Brown-Stained Treated Southern Yellow Pine. A Double deck is needed for the 25k load rating, so there is a wear deck on top of the base deck. The Railing is wood as well. The photos below show similar bridges.

160' x 12 Bridge – Budgetary Estimate \$230,000 - \$250,000

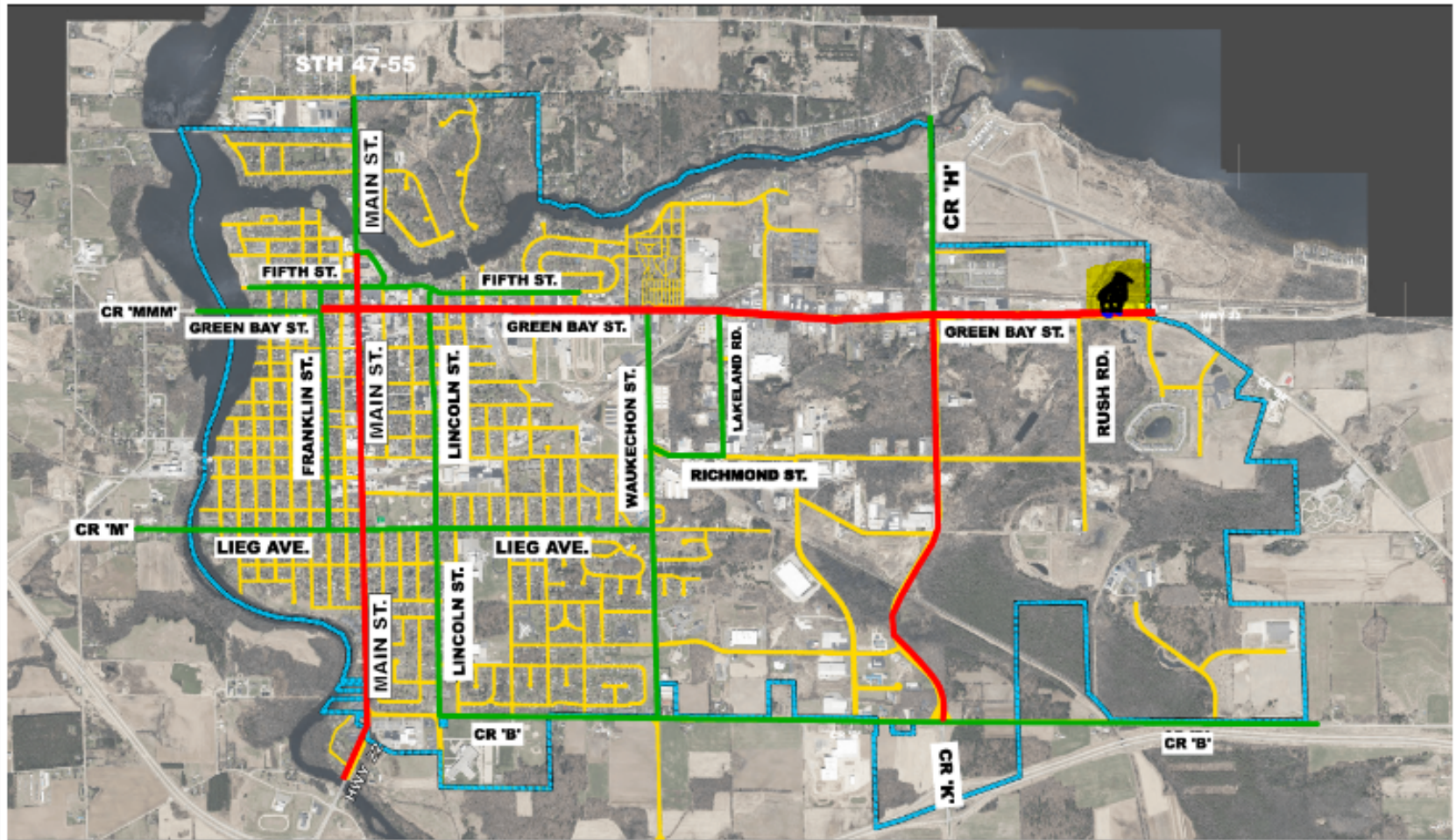
- 70' Arched Center Span on 48" Swamp Pans on Riser Legs (61' clear span)
- 45' Approaches on Both Sides on 24" Swamp Pans
- #25,000 Load Rating
- Riprap on creek shore per WI DNR Specs
- 42" Trail Railing
- Double 2x10 treated deck.
- Installation (14-15 Working Days)
- Shipping
- Stamped Engineering Drawings

Ct
viano
67°
t traffic in this area
lays nearby



Trail

CITY OF SHAWANO ATV ROUTES



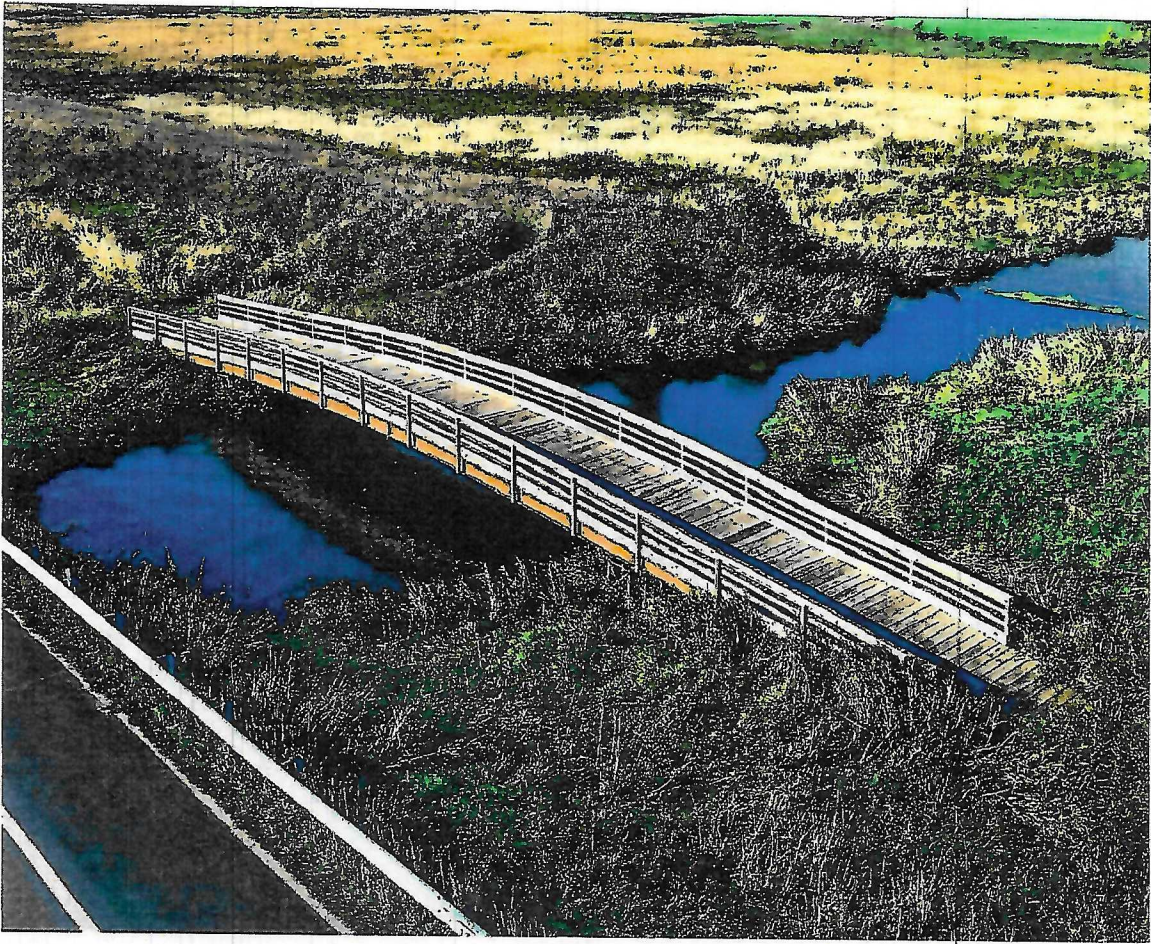
City of Shawano
 Planning Department
 1000 W. Main St.
 Shawano, WI 54226
 920.838.2222
 www.cityofshawano.com

Map prepared by:
 City of Shawano
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- ATV ROUTE
- STAY OFF - NO ROUTE
- CITY ACCESS STREETS - 20MPH
- CITY LIMITS





However, we will have to go through Engineering before we know an accurate price.
This should be fairly close though.

12' x 160' Single Rail Pedestrian Trail Bridge

Treated Pine

7 Sections (Requires Center Piers)

Single Handrail (Guiderail Height)

Estimated 100 PSF Load Beams

Flat Beams

Unstained

Galvanized Hardware

Does Not Include Assembly

Base Cost = \$156,870.00

Stamped Engineered Drawings = \$1799.00

Shipping = \$6390.00

Total = \$165059.00

Thank You,

Robert Imbrogno- Project Advisor

Fifthroom.com

Toll Free: 1.888.293.2339 Ext 246

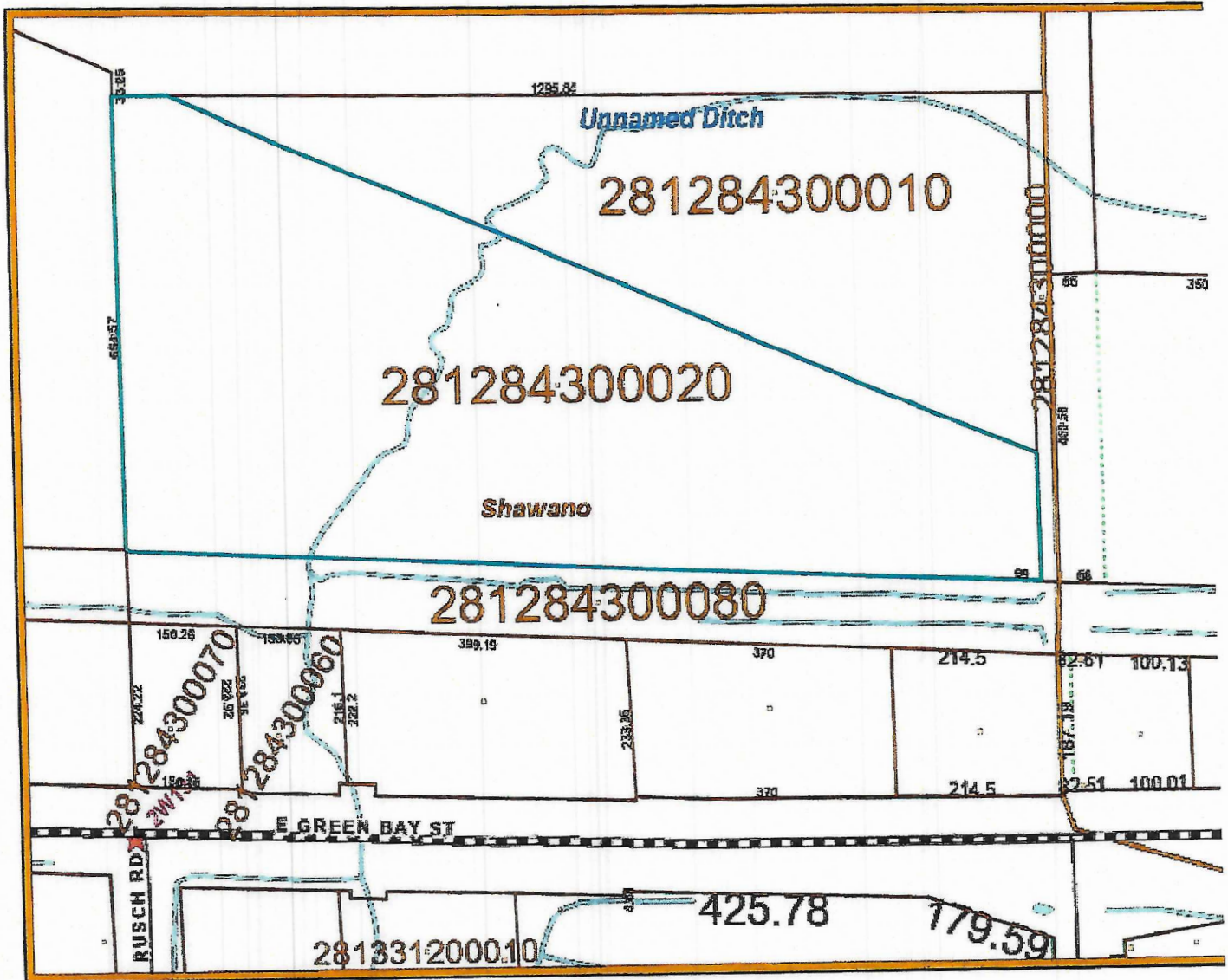
Text Us: 1-888-707-8275

Fifthroom.com

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Fifthroom.com | 5410 Route 8 | Gibsonia, PA | 15044

Shawano County GIS Map



November 3, 2023

- Parcels
- Parcel Number Anno
- Cartolines
- Local
- County Boundary
- PDim 100
- PDim 400
- ROWs
- Historical
- Roads
- State
- Water Bodies
- Municipalities
- PLSS Corners



This map is for informational purposes only. Shawano County is not responsible for any inaccuracies contained within and no warranties or representations are made.

