

Windemere Township Road Report Year End 2023

Prepared by Vern C. Anderson II
Assistant to the Road Supervisor Tony Bakhtiari

- Overview of work from May thru December 2023
- Asphalt projects
- Calcium Chloride application
- Culvert replacement
- Crack sealing and pothole repair
- Ditch cleaning
- Ditch mowing
- Grading operations
- Gravel application
- ROW clearing
- Road sweeping
- Township Auction
- Township building and property repairs



History

Back in the winter of 2022/2023 The State of MN declared a natural disaster from the heavy snow and ice damage fell in Windemere Township. The Township then endured record snowfall for the remainder of the winter. As if that wasn't enough, there was another declared natural disaster in the spring of 2023 caused by most of the snow melting in two days creating major flooding throughout the Township. Once things dried up, we had to deal with a drought in the summer of 2023. To make things even more challenging for road maintenance, we then endured below freezing temperatures in October creating frost in the ground. That eventually gave way to the frost coming out of the ground in December with rain and 55° on Christmas Eve. To say that there has been challenges with maintaining roads would be an understatement. We have had to deal with conditions never seen before in recent history. A big thank you to our professional contractors that have been available to assist and work with Windemere Township.



History

So why are we stating all of this? Simply to provide substance and background. Tony and I came into our positions on May 31st, 2023. We swiftly took action to form relationships with contractors and scheduled road projects for the remainder of the year. We cleaned up at the Townhall shop and property; major repairs and improvements that were long overdue got done. We also worked very hard to prepare the Township equipment for sale at public auction. This went as planned and the Township benefited from record high prices.



Details

- After years of discussing this issue, Windermere Township finally completed a thorough sign inventory. These repairs and replacements will take place in 2024.
- The Sturgeon Island bridge replacement was not a Township project. However a new State funded bridge deck was installed, and the Township has made a long-term commitment to replace and fund the historic bridge cover leading to Sturgeon Island. This project should be completed in the summer of 2024.
- We have also been cleaning up the Township gravel pit for preparation for the future.
- For the first time ever, under the Military Road bridge had a complete clean out of trees and debris. This will help with the flow of the Willow River through that area.



Details

- After years of neglect, Warbler Lane was completely rebuilt by Kiminski Paving and Gobel Excavating. Work included ditch cleaning, properly installed culverts, and new asphalt with ATV lanes
- For the first time in Windemere Township history we applied calcium chloride to approximately 13.63 miles of Township gravel roads to control dust and reduce grading
- All Township asphalt roads that ha potholes were repaired along with about 26,918 linear feet of cracks filled
- The Township roads also had approximately 3980' of ditch cleaning completed in 2023



Details

- From late April 2023 thru December 2023, Kiminski Paving spent 275 hours grading the Township roads
- All Township roads were mowed in July by Jerry's Roadside Mowing, it took approximately 27.25 hours to complete the job
- Township roads received 1332 yds of gravel. 504 yds came from the Township pit and 828 yds from others.
- The road right of ways have had a lack of maintenance over the years, which was noted by FEMA and the contractors doing the work.
All the Township roads had the ROW cleared in 2023
- All Township asphalt roads were swept in the spring of 2023 removing winter sand and debris



Details

Below is a culvert list from 2021 and 2022 that Tony and I inherited. From that list, only **2 culverts** were installed in the past **3 years**. We installed **16 culverts** in less than **5 months**.

Culverts 2021

1. North Military / Heppner
Go south .1 mile to white stake
2. Birchview / Partridge Road North
Go west from Partridge Road North .1 mile to stake on north side of roadway. Mark entire roadway for culvert, 50' on both sides.
3. Partridge Road North / County Line Road
From Co Rd 10 go south .1 mile to white stake on west side. Mark 75' radius of white stake.
4. Birchview / Partridge Road South
From Partridge Rd S go east .1 mile to stake on west side. Mark 150' radius around stake to encompass entire roadway.
5. Birchview / Lake 12
From Birchview / Lk 12 intersection head east .1 mile to white stake on north side. Mark 100' radius around stake to encompass entire roadway.
6. Pioneer Road / Partridge Road South
Go east .8 mile to white stake on north side. Mark 75' radius around stake.
7. Moss Lane / Missing Link
At intersection on south side mark 75' radius around white stake.
8. Lakeview / North Shoreland
From N Shoreland go south 200' to white stake on east side of road. Mark 100' radius to encompass entire roadway. (Meet and greet)
9. Balsam / Lake 12 Road
From Lake 12 Rd go west 400' to white stake on south side of road. Mark 150' radius.
#210883074
10. Island Lake Road / North Shoreland, Go north 500 ft / 1000 ft. 2 culverts.
11. Lord Lane -- driveway culvert (Jeff's house)
12. Birchview Box Culvert -- 2022

Culverts 2022

1. North Military / Heppner
2. Go south .1 mile to white stake
3. Birchview / Partridge Road North
4. Go west from Partridge Road North .1 mile to stake on north side of roadway. Mark entire roadway for culvert, 50' on both sides.
5. Partridge Road North / County Line Road
6. From Co Rd 10 go south .1 mile to white stake on west side. Mark 75' radius of white stake.
7. Birchview / Partridge Road South
8. From Partridge Rd S go east .1 mile to stake on west side. Mark 150' radius around stake to encompass entire roadway.
9. Birchview / Lake 12
10. From Birchview / Lk 12 intersection head east .1 mile to white stake on north side. Mark 100' radius around stake to encompass entire roadway.
11. Pioneer Road / Partridge Road South
12. Go east .8 mile to white stake on north side. Mark 75' radius around stake.
13. Moss Lane / Missing Link
14. At intersection on south side mark 75' radius around white stake.
15. Lakeview / North Shoreland
16. From N Shoreland go south 200' to white stake on east side of road. Mark 100' radius to encompass entire roadway. (Meet and greet) Needs to be done this year 2022
17. Balsam / Lake 12 Road
18. From Lake 12 Rd go west 400' to white stake on south side of road. Mark 150' radius. #210883074
19. Island Lake Road / North Shoreland, Go north 500 ft / 1000 ft. 2 culverts.
Need to also address beaver issue
20. Birchview Box Culvert -- 2023
21. Rush Blvd. Box Culvert -- 2022
22. Island Lake -Box Culvert --
23. Birchview Road -- Box Culvert -- 2022

Township Auction

- The Township sold their equipment at public auction. The gross income from those sales were \$238,380. The Township benefited from great weather on sale day and record high equipment prices.



Township Shop/Property Repairs

- The Township shop and property needed repair and clean up. Gregory Waldhalm Excavating came in and removed all the debris and garbage from the property that had been collecting for years. Advanced Concrete fixed a major water issue that was infiltrating the shop by adding a portion of new concrete with proper drainage. We are now renting the shop and it has become a revenue stream.



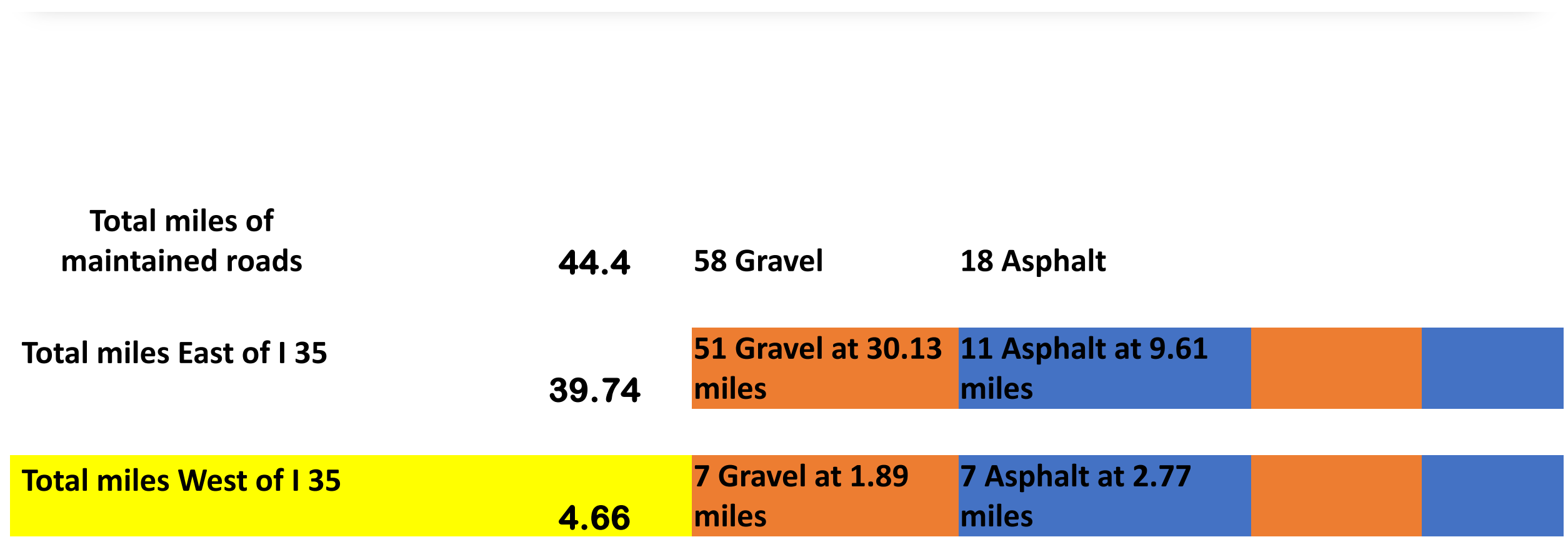
Township Shop repair



Road audit

In the fall of 2023, we documented every maintained Township road. We calculated mileage based on odometer readings and GPS. It was discovered there were many mistakes that were reported to Pine County in the previous years. Those mistakes noted were the number of miles of road we maintain, road names, road directions, and road locations. Previously it was reported that we had 49.059 miles of maintained roads, in fact we only maintain 44.4 miles of Township roads; this is off by over 9%. It was also reported that we have 79 named roads, when we only have 75. All these mistakes are too numerous to note here, however they have been corrected and those corrections are now accurately in record with Pine County.

Road Details



*NOTE: Warbler Lane is both asphalt and gravel and counts as one named road

Warbler Lane project



Hill Street Road



After many attempts in the past, the washout on Hill Street has been professionally repaired by Gobel Excavating



**Moss Lane Lane has been
rebuilt after years of little maintenance.**



Sturgeon Island Road old culvert connection



Plastic to metal
improper connection

Sturgeon Island Road culvert replacement



Lake 12 Road culverts, old and new



Balsam Road new culverts



Thank you to the 17 contractors that chose to work with Windemere Township!

We are making great progress in Windemere Township! Thank you to our professional contractors and companies that have chosen to work with us.

Your hard work and cooperation is greatly appreciated!

- Kiminski Paving
- Gobel Excavating
- Sandberg Construction
- Valhalla Tree Care
- Thaw It, Lyle Huhta
- Daryl Tomczak Repair
- Reinhardt Auction Service
- D. Mattson Service
- ID Sign Solutions
- Gregory Waldhalm Utility & Excavating
- Advanced Concrete Works
- Hinckley Trailer & Culvert Sales
- Cabin Cutters
- Peura Contracting
- Petersen's Door Service
- Jerry's Roadside Mowing LLC
- Omar's Sand and Gravel