



SHEBOYGAN COUNTY

Greg Schnell
Transportation

February 5, 2019

Honorable Members of the Sheboygan County Board and County Administrator Adam Payne,

Enclosed for your review is a brief summary of the many activities performed by the Sheboygan County Transportation Department - Highway Division and Airport Division. I am proud to provide this high-end summary of work that was completed in 2018.

In 2018 the Transportation Department completed numerous paving projects and construction projects. This work was not only completed on our County trunk system, but on the state and local municipality's roads as well. In addition, we performed maintenance services for eleven of fifteen townships in Sheboygan County as well as the Wisconsin Department of Transportation.

This past year marked a historic event with the completion of our \$23 million transportation facility. It was no small feat to combine three facilities to one. The combination of years associated with closing the three facilities is 170 years. Numerous days were spent sorting and either moving or purging everything that has accumulated over the years.

In 2018 the airport focused on maintenance of our grounds and drainage facilities. Though 2018 gave the appearance of being relatively quiet, we were preparing to embark on designing and ultimately constructing a US Customs facility by the September 2020 Ryder Cup as well as to help support our area manufacturers in their global operations.

There are a lot of great things happening in the Transportation Department. For the past thirteen years I have been honored to be a part of a team of dedicated individuals. This dedication does not end at my department level; it flows through all departments as well as the County Board. Being a public servant in many cases is a thankless job, however, when provided the tools and resources needed to perform essential tasks, the thanks need not come in words, it can come in satisfaction looking back on what has been accomplished. I look forward to working with you in 2019. Thank you for your support.

Respectfully submitted,

Greg Schnell
Transportation Director

Highway Division

Mission Statement and Summary of Responsibilities

The Highway Division's mission statement is: Creating Safe and Reliable Transportation – Today and Tomorrow. Communities depend on transportation. It directly affects their quality of life by connecting people to jobs, getting people to and from their activities, bringing tourists to the area and shipping products.

The primary responsibilities of the Highway Division are the maintenance, design and construction of the 449.29 mile system of County Trunk Highways. In addition, the Division functions as the maintenance agency for 170 miles of State Trunk and Interstate Highways within the County, along with 465 miles of local township roads. This equates to 2168.58 lane-miles of maintenance responsibility. Additional major operations include gravel crushing, blacktop production, grading and construction, bridge maintenance and inspection, and roadway marking and signing.

Goals and Objectives Achieved in 2018

- Moved our administration office and shop from North 23rd Street to the new facility
- Completed the reconstruction of CTH “PP” from Highland Road to I-43
- Paved 30 miles of county trunk roadway
- Seal coated 15 miles of county trunk roadway
- Reconstructed CTH “FF” bridge
- Finalize plans for CTH “D” from Knepprath Road to Cedar Grove. This goal is in progress.
- Finalize design of CTH “A” west of Glenbeulah. This goal is in progress.
- Completed the bridge designs on CTH “O” and CTH “A”
- Performed all tasks requested by the Wisconsin Department of Transportation
- Performed all tasks requested by other county departments

Budget

Our total 2018 adopted operating budget was \$18,979,705; the total 2018 adjusted operating budget was \$19,938,716. The Highway Division finished 2018 with an unaudited positive variance of \$864,481. This positive variance is largely due to the amount of municipal and state work that was performed throughout 2018. We adjusted our budget assumptions by approximately \$367,000 for transportation aids. We adjusted our budget by \$855,000 for state aid and municipal work.

Our department was challenged with levy decrease for 2018. We are happy to report, we met the challenge. Our 2019 approved budget is \$19,183,735 and tax levy is \$2,877,189.

Issues and Challenges Ahead

The greatest challenge facing the Highway Division is the age of some of our trucks and equipment. While focusing on the demands of our road infrastructure maintenance and

reconstruction, and the rising costs associated with that, we have fallen behind on investing in our trucks and equipment.

Over the past eight years we have been spending approximately \$1,000,000 - \$1,500,000 on equipment replacement. To put it in perspective, that is the same amount that was budgeted since the early 2000's. In order to keep up with investing in equipment, we should be purchasing three trucks a year to follow a fifteen year replacement schedule. The cost associated with replacing three trucks per year is an average of \$750,000. In addition, we currently have a large wheel loader for feeding the asphalt plant; this loader has 15,000+ hours on it. A replacement loader would cost approximately \$400,000. We also have twelve graders and six need to be replaced due to parts being unavailable, or if there are parts available they are very expensive. The cost to replace one grader is \$350,000; replacing all six would cost \$2,100,000.

New equipment is not always the avenue we take, we do purchase used equipment if the hours are low enough and the condition is good.

As you can see, when spending only \$1 million per year on replacement equipment it does not take long to fall behind when making the kind of investment previously mentioned.

Primary Goals and Objectives For 2019

- Pave 30 miles of county trunk highway.
- Seal coat 15 miles of county trunk highway.
- Reconstruct CTH "D" from STH 57 to ½ mile east of Knepprath Road.
- Work with members of the transportation and finance department to develop a sustainable solution for replacing our equipment using the department fund balance.
- Reconstruct the CTH "O" bridge.
- Perform the necessary maintenance on our county highway system.

Airport Division

Mission Statement and Summary of Responsibilities

The Airport Division will provide outstanding airport support services, leadership, planning, and development so as to provide a safe, modern, and efficient transportation facility for our citizens, air travelers, airport tenants, and clientele.

The Airport Division is responsible for the development, maintenance, and operation of the airports 1,094-acre airside and landside infrastructure. This includes keeping the facility operational and is also required to respond to airport incidents, emergencies and other airport related situations 24 hours a day, 365 days a year.

The Airport Division is responsible for administering Sheboygan County Code of Ordinance Chapters 61 – 64 which relate to Airport Minimum Standards and Safety.

The enhancement and implementation of long-range project planning allows the Airport to qualify for project funding aids under the Federal Aviation Trust Fund which offset 80% - 97.5% of capital project costs. Since 1999, forty-three capital improvement projects totaling over \$30 million have been completed. Of that total, over \$22 million (75.9% of the total cost) was provided by the Federal Aviation Administration (FAA), over \$4 million (16.3%) by the Wisconsin Bureau of Aeronautics, and over \$2 million (7.8%) by Sheboygan County. The airport is capable of handling transcontinental range jet aircraft with approximately 15,000-25,000 arrival flight operations. The Sheboygan County Memorial Airport ranks #7 out of Wisconsin's 16 largest general aviation corporate/transport category airports.

Goals and Objectives Achieved in 2018

- Explored the opportunity to construct a welcome center and provide services such as customs. We completed an analysis and determined two locations viable for design and construction in the spring of 2019.
- Completed the Petition Resolution/Agency Agreement to include provisions for the 2020 Ryder Cup Air Traffic Control & Aircraft Rescue Firefighting, Taxiway B Center Construction, and Purchase of Snow Removal Equipment. Taxiway B center construction has been explored and it was determined that a more extensive parallel taxiway construction opportunity is needed and is scheduled for design in 2020 and construction in 2021.
- Worked with Highway Division and Planning and Conservation Department with regard to remediation of drainage issues. We excavated the drainage ditch east of runway 4/22 and cleared the debris in the culverts northeast of runway 13/31. Additional drainage excavation to be conducted in fall of 2019.
- Finalized the signage on Resource Drive.
- Completed analysis for financing options to update obsolete snow removal equipment. Analyzed and submitted a Petition Resolution/Agency Agreement to include provisions for a new snow removal equipment facility and updated equipment.

Budget

The approved 2018 budget was \$666,504. The 2018 levy appropriation was \$396,502. 2018 budgeted revenue was \$270,002. The Airport Division finished 2018 with an unaudited positive variance of \$192,631. This positive variance can be associated with carryover of funds.

Our 2019 approved budget is: \$455,451 and tax levy is \$201,382. The airport will benefit from the purchase of capital items in 2019.

Issues and Challenges Ahead

Sheboygan County has accepted approximately \$27 million in federal funds over the years to improve and expand our infrastructure at the airport. The Federal Aviation Administration would like to see an airport with this level of activity and size be more self-sufficient and potentially produce revenue. Currently, the revenue generated at the airport is through fuel flowage fees, land leases and tax levy. We will explore adding services to the airport such as US Customs and public access to enhance our marketplace visibility and competitiveness.

Primary Goals and Objectives For 2019

- Complete design and begin construction of US Customs & Border Protection facility.
- Update security monitoring systems.
- Resurface Resource Drive.
- Work with Wisconsin Bureau of Aeronautics to complete a Memorandum of Reimbursement Agreement for Air Traffic Control and Aircraft Rescue and Fire Fighting services during the 2020 Ryder Cup.
- Work with the Wisconsin Bureau of Aeronautics to complete the Petition Resolution/Agency Agreement to include parallel taxiway B and F construction and upgrading snow removal equipment and facility.