

TUSCARAWAS COUNTY
ROAD AND BRIDGE DEPARTMENT

2022 ANNUAL REPORT
APRIL 2023

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PURPOSE

The purpose of this annual report is to advise the County Commissioners on the condition of the county roads, bridges, and culverts and to estimate the funds needed for maintenance and construction of new roads, bridges, or culverts. This report is written to satisfy the requirements of Ohio Revised Code, Section 5543.02.

INTRODUCTION

The County Engineer, in cooperation with the County Commissioners, is responsible for all maintenance, repair, widening, resurfacing and reconstruction of roads, bridges, and related items on the county highway system. The Engineer serves as advisor to the Township Trustees for the maintenance, repair, widening, resurfacing, and reconstruction of township highways.

The bridges on the township road system are the full responsibility of the County. The Engineer is also responsible for several bridges within municipalities, where the bridges are on an extension of a county or township road. The Engineer maintains a perpetual inventory of all these bridges, including an annual inspection of the condition and load capacity of each bridge.

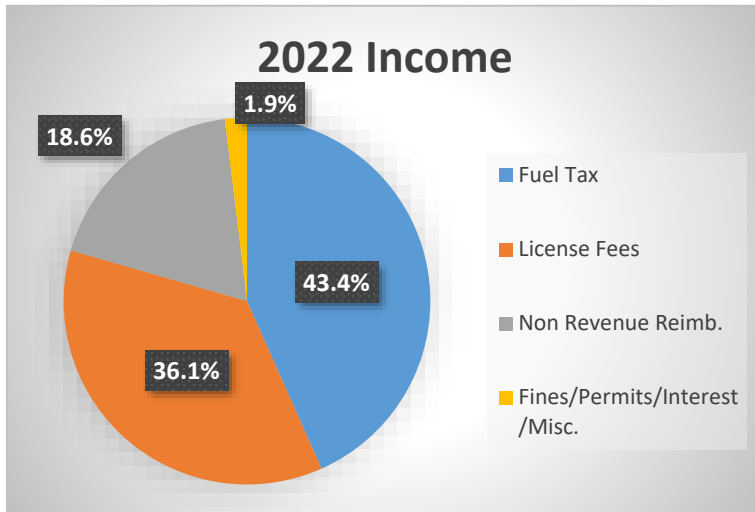
The Tuscarawas County Engineer's Department is responsible for 460.62 miles of roadway, which is the seventh highest mileage of the 88 counties in the state. In addition, the Department has maintenance responsibility for approximately 273 bridges (spans ranging from 10' to 405'), 149 large culverts (diameters 48" and above), 2950 small culverts (diameters 12" to 48"), over 348,000 feet of guardrail, and numerous related items.

Tuscarawas County, due to its relatively large area (555 square miles), has a considerably higher road mileage than the average county in the State of Ohio. This is illustrated below:

System	Statewide Mileage	Average County	Tuscarawas County
State Highway	19,256	219	214
County Highway	29,088	331*	461*
Township Road	41,194	468	595
TOTAL	89,573	1018	1286

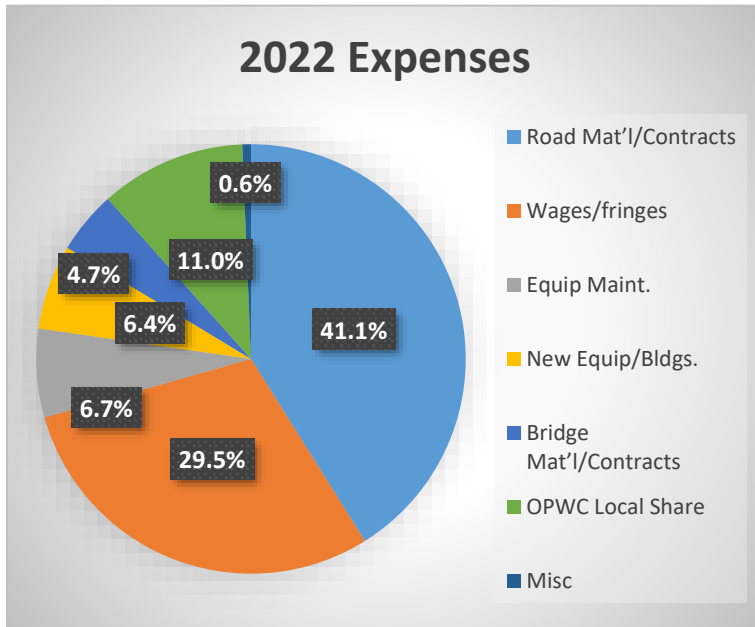
*Note that Tuscarawas County has approximately 130 miles more roadway than the average County in the State; funding does not substantially increase proportionate to road mileage.

2022 INCOME



Fuel Tax	\$ 3,700,503	43.4%
License Fees	\$ 3,084,484	36.1%
Non-revenue reimbursement	\$ 1,588,741	18.6%
Fines/Permits/Interest/Misc.	\$ 164,804	1.9%
TOTAL	\$ 8,538,532	100.0%

2022 EXPENDITURES



Road Mat'l/Contracts	\$ 3,238,880	41.1%
Wages/fringes	\$ 2,324,907	29.5%
Equip Maint.	\$ 524,872	6.7%
New Equip/Bldgs.	\$ 504,223	6.4%
Bridge Mat'l/Contracts	\$ 372,247	4.7%
OPWC Local Share	\$ 863,530	11.0%
Misc.	\$ 51,427	0.6%
TOTAL	\$ 7,880,086	100.0%

2022 Accomplishments

Road resurfacing – Total 26.14 miles:

- Gilmore Road (CR 10) from CR 14 to CR 16
- River Hill Road (CR 14) from Port Washington to CR 10
- Bunker Hill Road/Oldtown Valley Road (CR 24) from US 36 to CR 53
- Indian Hill Road (CR 62) portion of road split with Uhrichsville
- Beaver Dam Road (CR 65)
- Roxford Church Road (CR 66)
- Atwood Lake Road (CR 93)
- Towpath Road (CR 111)

Roadway Chip Seal – Total 34.47 miles

- Bridge #SAL-14-25 deck only
- Buckhorn Road (CR 20) CR 19 to SR 751
- Dutch Valley Road (CR 30) from CR 28N to CR 28S
- Tedrow Road (CR 33)
- Troendly Road (CR 42)
- Evans Creek Road (CR 45)
- Angel Valley Road (CR 49)
- Stuckey Valley Road (CR 50)
- Eastport Road (CR 64) portion shared with Midvale
- Bridge #LAW-82-116 deck only
- New England Road (CR 84)
- Tall Timber Road (CR 88)

Bridge Maintenance/Construction

- FRA-99-139 completely new bridge built by Black Horse Contractors

Landslide Repair

- Waterworks Hill Road (CR 37) constructed approximately ½ mile of new roadway to replace area that had slipped into Stillwater Creek. Project was constructed by Beaver Excavating, Inc. and financed by local funds, OPWC funds, and proceeds from a lawsuit. Final paving will be done in spring 2023.
- Assisted in grant application, prepared plans, and coordinated repair of landslide along Arnold Road (Salem TR 185). This project was actually completed in early 2023.

Miscellaneous Road and Bridge Projects

- Wainwright Road (CR 60) slope improvements in preparation for guardrail project.
- Moravian Church Road (CR 116) slope improvements in preparation for guardrail project.
- Replaced 53 cross culverts having a total length of 2142 ft.
- General widening/bank removal/tree removal/ditches moved back/culvert replacement for all the roads shown on the above paving list

- Bid project #6-2022 Safety improvements to CR 80/82 intersection. This project is funded by the Ohio Department of Highway Safety; to be constructed in 2023.
- Constructed new guardrail on CR 53, 54, and 55. This project was done by contract and funded by Federal Safety funds
- Continued plan development on replacement of bridge # WAW-62-89. This project is Federally funded and scheduled for 2026 construction.
- Continued plan development for widening of Dover Zoar Road (CR 82). This project is scheduled for 2025 and is 100% Federally funded construction.
- Completed safety improvement by removal of a hump on Smokey Lane Road (CR 71).
- Replaced large culvert for Mineral City (Grant Street).
- Replaced large culvert for Mill Township (N. Second Street). This project was paid for by AEP.
- Completed creek cleanout projects for Goshen Township (Royal Lane) and at Dover Chemical in Dover Township. These projects were financed by Muskingum Watershed Conservancy District via the Tuscarawas Soil and Water Conservation District.
- Developed plans for Phase 6 guardrail construction on Wainwright Road (CR 60) and Moravian Church Road (CR 116).
- Completed bridge repair to the Neighbor Street bridge owned by Newcomerstown
- Added rock protection to bridge #OXF-1-1 (the river bridge immediately south of Newcomerstown) to alleviate scour problems found during diving inspection.
- Purchased reinforcing steel and manufactured beams for replacement of bridge #UNI-273-252 (2023 replacement project).
- Completed plans and accepted bids for repaving CR 95, 96 and 97. This project is funded via county ARPA funds and will be constructed in spring 2023.

Equipment purchased

- 2023 Mack Granite tandem (delivery in summer 2023)
- 2022 Ford F-250
- 2022 Ford F-150
- 2022 GMC Sierra 2500
- 2021 Kobelco SK210LC-10 excavator
- 2 each Jamar Pinnacle traffic counters

Miscellaneous

- Made approximately 4300 tons of cold mix patch material in 2022
- Reviewed approximately 110 lot splits for conformance with access management regulations
- Approved 71 permits, including 17 drive permits and 35 bore permits

Equipment sold

- 2014 Kobelco Excavator
- 2006 Peterbilt tandem dump truck
- 2003 Chevrolet 2500 pickup