

Jackson County Engineer's 2022 Annual Report

In accordance with Section 5543.02 of the Ohio Revised Code, the County Engineer must provide an annual report to the Board of County Commissioners detailing the conditions of the county roads, bridges and culverts, along with an estimate of the funds necessary to maintain, repair, and construct such infrastructure. This annual report is a summary of everything we do here at the Jackson County Engineer's Office and the Jackson County Highway Department.

2022 Revenue:

Motor Vehicle Registration Fees	23.60%	\$ 1,275,024.02
Perm Tax 4504.02	0.04%	\$ 2,295.75
<u>Perm Tax 4504.15.16.24</u>	0.16%	\$ 8,746.26
Gasoline Tax	68.51%	\$ 3,700,502.54
Fines	0.88%	\$ 47,551.87
Miscellaneous (Scrap Metal, Interest, Fuel, CDBG, GOV DEALS, ODNR, Buckeye Rural Electric, Walmart, Hamilton Township, Commissioners-Vision, etc.)	1.54%	\$ 83,353.03
Reimbursements from grants (OPWC, FEMA, Sign Grant ODOT, CDBG Project, Worker's Comp, Buckeye Rural Electric, CORSA, Jury Duty etc.)	5.3%	\$ 284,031.75
TOTAL*	100%	\$ 5,401,505.22

2022 Expenditures:

Payroll	25.1%	\$ 1,527,585.64
Fringe Benefits	9.0%	\$ 549,605.02
Overhead	3.4%	\$ 208,601.82
Debt on Loans	6.7%	\$ 405,601.02
Equipment, Parts & Repairs	5.9%	\$ 359,926.68
Fuel & Oil	2.9%	\$ 178,453.98
Road Materials	26.0%	\$ 1,585,044.97
Road Contracts	13.4%	\$ 818,718.28
Bridge Materials	5.6%	\$ 343,722.33
Bridge Contracts & Design	2.0%	\$ 119,618.29
TOTAL*	100%	\$ 6,096,739.28

Roads:

During our 2022 snow and ice removal operations, crews worked 2090.14 combined total hours. We used 2191 tons of salt, 674 tons of grit & 10,245 gallons of liquid deicer for snow & ice removal. We used 622 tons of cold mix asphalt to repair holes on our county roads.

We were able to ditch / berm 59 lane miles using the county road grader (Twin Bridge Rd, Raysville Rd, Savageville Rd, Cove Rd, Jisco West Rd, Five Points Rd, Van Fossan Rd and Bucklick Creek Rd). We also patched 31 lane miles with 980 tons hot mix asphalt (Dixon Run Rd, Glade Run Rd, Glen Nell Rd, Raysville Rd, Antioch Rd, Gallia Blackfork Rd, Bucklick Creek Rd, Big Rock Rd and Thurman Rd). Our county crews were also able to pave 15.2 lane miles using 2959 tons of hot mix asphalt with our paver (Cove Rd, Dixon Run Rd, Camba Rd, Glen Nell Rd and Clary Rd). We also utilized a contract paving crew this year and was able to pave 40.28 lane miles using 16,648 tons of hot mix asphalt (Jisco West Rd, Monroe Hollow Rd, Jackson Furnace Rd, Five Points Rd, Standpipe Rd, Lesmil Rd, Mulga Rd and Chillicothe Pike).

Using our oil distributor and chip spreader machine, county crews were able to use chip & seal to maintain a few county roads. We chip sealed 25.87 lane miles using 36,742 gallons of liquid emulsion, 823 tons of #8 stone and 447 tons of #9 stone (Bucklick Creek Rd, Gallia Blackfork Rd, Erwin Rd, Boy Scout Rd and Clary Rd). All these processes combined allowed us to repair or renew 112.35 of 588 lane miles of county roads in 2022.

Our county long reach boom mowers were able to mow brush back on 115.29 lane miles. We used contracted road side mowers again in 2022 and were able to complete 4 full rounds of road side mowing. Our county crews also sprayed 1209.5 gallons of herbicide to maintain sign & guard rail visibility. The sign program also installed or replaced 119 county road signs. Jackson County Highway crews also installed 2660' of plastic and corrugated metal pipes to upgrade our culvert infrastructure. The tree canopy program allowed us to trim 81.16 county lane miles (Jisco West Rd, Bethel Ridge Rd, Evans Rd, Glen Nell Rd, Bronx Corner Rd, Rock Run Rd, Jackson Hill Rd, Sunnydale Rd, Raysville Rd, Valley Chapel Rd, Cherry Fork Rd & CH&D Rd).

In all 2022 was still challenging, but yet I'm extremely grateful and proud of our crews and staff. Their dedication has made Jackson County a better place. Thank you to all involved! Andy Dickens, Superintendent

Looking ahead to 2023 we plan to contract pave the following roads with Ohio Public Works grant funding: the remainder of Five Points Road (C-20), Bronx Corner Road (C-27), C-271, Keystone Station Road (C-44) from State Route 93 to T-164, C-441, Mount Zion Road (C-64), the remainder of Jisco West (C-82), and Lake Katharine Road (C-85).

The Jackson County Engineer's Office is responsible as an agent of the Jackson County Commissioners for monitoring the use of and coordinating the various utilities within the rights-of-way of the Jackson County Road System. The use of a permit system allows the County Engineer's Office to control the location, depth, and proximity of various utilities to the roadway pavement and roadway structures. These utilities include water, electric, phone, cable, and gas. In 2022, the Engineer's Office issued 54 utility permits.

Ohio Revised Code 5543.16 explains a property owner's requirements for driveways. We developed a driveway permit in 2019 so we could bring more awareness to people that driveways are the property owner's responsibility. The permit has detailed guidance as to our requirements for installing and maintaining a proper driveway. 16 driveway permits were processed in 2022.

G.I.S./Tax Map Department:

The Engineer's Office is responsible for maintaining up to date information on all parcels of land within the County. Our office staff works very closely with the Auditor's Office and the Recorder's Office. In 2022 the office reviewed and approved the content and mathematical accuracy of 191 land surveys of individual properties in accordance with Chapter 4733 of the Ohio Administrative Code. The office staff also assists the public and other governmental agencies in utilizing the records that we keep on file. Addressing for the county is also done through the Engineer's Office. 85 addresses were assigned in 2022.

Bridges:

The Engineer's Office is also responsible for the maintenance and repair of 264 bridges on Jackson County Roads and Township Roads with a span length equal to ten feet and greater. All the bridges must be inspected annually and an inspection report must be submitted to the Ohio Department of Transportation (ODOT). Needed repairs and replacement projects are prioritized during these annual inspections.

Ohio law requires the County Engineer to first perform a force account estimate on any bridge work to be performed. If the cost of the work on a bridge will exceed \$100,000, then the project must be bid out to a contractor. If the cost is estimated to be less than \$100,000, then the county crews can do the work themselves.

In 2022, the Ohio Public Works Commission (OPWC) grant and loan money paid for the replacement or removal of seven bridges: Cherry Fork Road (C-6-1.81), Camba Road (C-15-1.91), Glade Run Road (C-57-2.02), Lake Katharine Road (C-85-0.21), Hardscrapple Road (T-190-1.66), Second Street in Byer (T-1008-0.14), and Mercer Road (T-404-0.01).

The structure on Chillicothe Pike at CLA (C-84-1.56) was replaced using American Rescue Plan Act funding from the commissioners.

Only being able to replace six to nine bridges on average a year is not enough to keep up with our failing infrastructure. We are using every possible means to stretch our valuable dollars but we are now simply having roads closed for extended periods of time due to lack of funding. I was forced to close two bridges on Ramey Drive (T-517-2.07 and T-517-2.94) in 2021.

Looking ahead to 2023 we will be replacing two bridges with CDBG grant funding: Whaleytown Road (T-232-2.69) and Umblebee Road (T-233-1.55) and four bridges with OPWC funding: Glen Nell Road (C-43-1.62), Gomer Davis Road (T-145-2.55), Woodrow Hale Road (T-207-0.63), and Bear Run Road (T-737-3.13).

We have federal grant money for three bridges: Mulga Road (C-39-3.06), Ramey Drive (T-517-2.94), and Byers-Winters Road (T-973-0.08).

We will replace three structures out of our local budget: Two double squeeze pipes on Smokey Hollow Road (T-136) and one double 60" pipes on Woodrow Hale Road (T-207-0.45).

Equipment:

In 2022 we were able to purchase one Ram 1500 4x4 crew cab pickup, one Ram 1500 4x4 regular cab pickup, one Ram 2500 4x4 regular cab pickup, two Western Star tandem axle dump trucks, and a John Deere 624 P wheel loader. The pickups were all paid for out of our local budget and the dump trucks and loader were financed. We currently have two new Western Star dump trucks ordered.

I truly believe each and every one of my employees is a good steward of the public tax dollars we receive, and we strive to manage our funding as efficiently as possible while constantly exploring new and better ways of doing more with less. A huge THANK YOU goes to all of my employees for all of their long hours and hard work. We are all doing the best we can to maintain our roads and bridges with very limited funding.

Respectfully,

Melissa Miller, P.E., P.S.
Jackson County Engineer