

HURON COUNTY ENGINEER'S OFFICE

2020 ENGINEER'S ANNUAL REPORT

The Ohio Revised Code requires each Ohio County Engineer to publish an annual report to their County Commissioners outlining the general condition of the roads and bridges within their county. The report also informs the citizens of Huron County how their gas and license plates fees are being used to maintain and improve the infrastructure throughout the county.

Our office is responsible for 226 miles of county roads, 406 bridges and 3,485 culverts covering an area of 497 square miles with a staff of 30 hardworking team members.

As in the rest of the country and around the globe, this year was like no other for the Engineer's Office. I felt the challenges brought out the best in all our staff! Our duty is to serve the public, whether it be snow and ice control during winter or repairing roads and bridges in the summer, our job had to continue regardless of what else was happening.

Securing funding for Huron County projects and working together with other agencies to stretch local dollars further are accomplishments that this office continued in 2020. We were able to work jointly with the Village of Monroeville and the Village of North Fairfield for the resurfacing of Milan-River Road and New State Road within the villages. Our office donated engineering and construction administration services for both these projects. They were both funded through a combination of grants and local monies. Both projects improved two important corridors, greatly benefiting many residents throughout the county. We have been very successful in securing federal dollars for several other future projects totaling nearly \$10 million over the next five years.

Despite the crazy year, we were able to have one of the biggest construction seasons the county has ever seen, thanks to several grants from Ohio Public Works Commission (OPWC) and federal sources. Many of these projects had contractors selected prior to the beginning of the COVID-19 crisis. This created some panic within our office with early projections of 20-30% budget shortfalls for 2020, due to the pandemic. We worked out a budget plan to ensure that all contracted projects were able to move forward. Highlights of the 2020 construction season included \$3 million in road projects, \$2 million in bridge projects with an additional \$900,000 in village and township projects administered by our office.

With 2021 upon us, we will continue to strive to improve the infrastructure system within the county. Four years ago, 80 plus miles of our road system were considered to be in poor condition. After the 2021 construction season, we will have this down to less than 10 miles. We have been able to accomplish this through a variety of in-house techniques and contracted projects. I cannot say enough about how our crews have really taken the asphalt repair work to the next level, placing 3,400 tons of asphalt last year! After a wild 2020, this year should be easy!



*Lee E. Tansey, P.E., P.S.
Huron County Engineer*

Huron County Engineer's Office

150 Jefferson Street

Norwalk, Ohio 44857

419-668-1997

419-668-8308 Fax

social@huroncountyengineer.org

Hours:

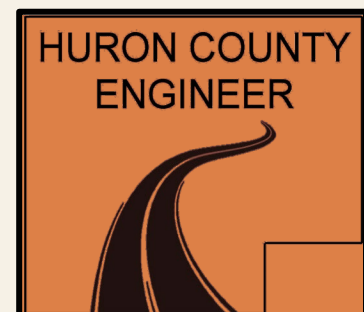
7:00 a.m. – 3:30 p.m.

Monday thru Friday

Visit us on the web at:

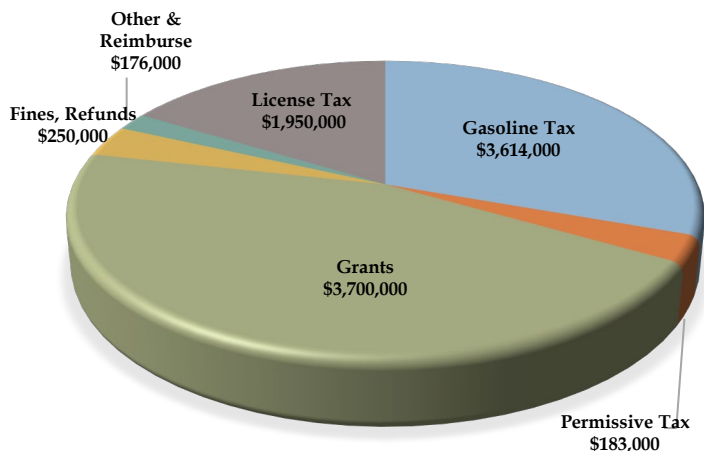
www.huroncountyengineer.org

*Find us, like us, share us
on Facebook*



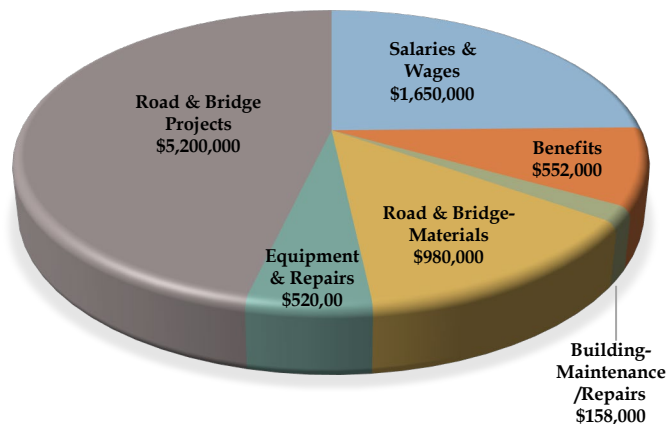
REVENUE

\$9,870,000



EXPENSE

\$9,060,000



WHERE OUR REVENUE COMES FROM

Gas Excise Tax

Federal Tax: \$0.184 gasoline and \$0.244 diesel per gallon (unchanged since 1993)
 State Tax: \$0.385 gasoline and \$0.47 diesel per gallon (new rates effective July 2019)
 We receive approx. \$3,800,000 from the state gas and diesel tax

Motor Vehicle Registration Fees

The Ohio Revised Code 4501.04 requires collection and distribution of license plates for highway maintenance. For a passenger car, the basic annual fee is \$34.50.

The Huron County Engineer's Office receives approximately \$1,900,000.

WHAT TYPICAL PROJECTS COST

Roadway Items

Partial-depth asphalt resurfacing **\$180,000-\$200,000** per mile

- Remove 2 inches of existing pavement, place 3 inches of new asphalt

Asphalt overlay, 1 inch thick **\$80,000** per mile

- Usually requires minor asphalt repairs prior to overlay +/- **\$5,000** per mile

Chip and seal **\$15,000** per mile

- Crack sealing and pavement repairs prior **\$4,000-\$8,000** per mile

Pavement markings: edge line and center line **\$1,000** per mile

Complete roadway reconstruction **\$400,000** per mile

Structures

Bridges and culverts less than 20 feet in span: **\$50,000 - \$300,000**

Bridges over 20 feet in span: **\$300,000 - \$1,000,000**

BRIDGE PROJECTS

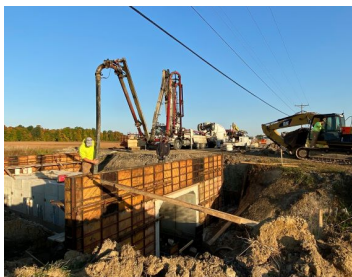
Ridge Road Bridge Replacement

This bridge is located in Bronson Township and was built by R&I Construction. The project included the replacement of a truss bridge that was built in 1948. Total construction cost was \$740,000, with \$703,000 of that being a federal grant.



Snyder & Peru Center Road Bridges

These bridges are located in Peru and New Haven Townships and were constructed by Huron County Forces. Both included installing 3-sided concrete box culverts with concrete wing walls. Total construction cost was \$175,000.



Chenango Road Bridge

This bridge is located in Bronson Township and was built by R&I Construction. The project included the replacement of a truss bridge that was built in 1953. Total construction cost was \$950,000, with \$902,000 being a federal grant.



Williams Road Bridge

This bridge is located in Lyme Township and was built with a galvanized steel bridge fabricated by US Bridge and assembled by Huron County Crews. Total construction cost was \$180,000, with \$120,000 of that being a grant from OPWC



ROAD RESURFACING

Fitchville River and Prospect Roads Intersection Improvement

The project included intersection safety upgrades and 3 miles of paving on Fitchville River Road from US 250 / SR 13 to Prospect Road. The work was performed by Erie Blacktop, Inc. The total construction cost was \$1.3 million, with \$1.04 million of that being a federal grant.



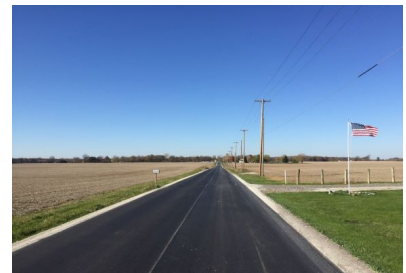
New State Road Resurfacing

The project included 3 miles of improvements from Peru Olena Road to the Village of North Fairfield limits. The work was performed by Gerken Paving, Inc.. The total construction cost was \$395,000, utilizing local funds.



Peru Olena and Scranton Roads Resurfacing

The project included 6 miles of improvements beginning at New State Road and continuing east to Hartland Center Road. The work was performed by Erie Blacktop, Inc. The total cost was \$815,000, with \$550,000 of that being a grant from OPWC.



Peru Center Road Resurfacing

The project included 3 miles of paving starting at SR 162 and going south to Townline 12 Road. The work was performed by Gerken Paving, Inc. The total construction cost was \$315,000 with \$203,000 of that being a grant from OPWC.



Bridge Repairs

Our office is responsible for maintaining over 400 bridges, including annual inspections and load analysis.



Olive Road Truss Bridge Restoration



Bauman Road Bridge



Cook Road Bridge



Coder Road Bridge

Township and Village Projects

Our Office is responsible for providing engineering services for all 19 Townships. In addition to the township projects this year, we assisted two villages with paving projects from initial grant applications through construction administration.



**Village of Monroeville
Milan Ave. / River Road
7L Construction, Inc.**



**Village of North Fairfield
New State Road
Erie Blacktop, Inc.**



**Norwalk Township
South Norwalk Road
Erie Blacktop, Inc.**



**Fairfield Township
Greenwich Milan Townline Road
Sarver Paving Co., Inc.**

Chip and Seal Program 44 miles



Maintenance Items



Storm Sewer Improvement



Making cold mix asphalt material



Asphalt Repairs



Tree Trimming

Other Activities



New Snowplow Truck



Bridge Inspection



Assisted with Food Bank
Distributions

HURON COUNTY ENGINEER'S OFFICE - 2021 PROJECTS

LEE E. TANSEY, P.E., P.S.

PAVING PROJECTS: \$2.0 MILLION

- CHIP AND SEAL - 45 MILES**
CONSTRUCTION COSTS - \$800,000
(FUNDING - 100% LOCAL)
- NEW STATE ROAD RESURFACING**
3.1 MILES, CONSTRUCTION COSTS - \$500,000
(FUNDING - 33% OPWC, 67% LOCAL)
- TOWN LINE 12 ROAD RESURFACING - PHASE 1**
1.7 MILES, CONSTRUCTION COSTS - \$370,000
(FUNDING - 15% OPWC, 85% LOCAL)
- TOWN LINE 12 ROAD RESURFACING - PHASE 2**
JOINT PROJECT WITH CITY OF WILLARD
1.2 MILES, CONSTRUCTION COSTS - \$360,000
(FUNDING - 74% OPWC, 26% LOCAL)

BRIDGE / CULVERT PROJECTS: \$1.4 MILLION

- BASELINE ROAD BRIDGE DECK REPLACEMENT**
EAST OF SR 61, CONSTRUCTION COSTS - \$200,000
(FUNDING - 60% OPWC, 40% LOCAL)
- BOUGHTONVILLE ROAD BRIDGE DECK REPLACEMENT**
EAST OF SR 61, CONSTRUCTION COSTS - \$100,000
(FUNDING - 100% LOCAL)
- COLLINS ROAD BRIDGE DECK REPLACEMENT**
WEST OF DERUSSEY, CONSTRUCTION COSTS - \$500,000
(FUNDING - 100% LOCAL)
- FAYETTE ROAD BRIDGE/CULVERT REPLACEMENT**
WEST OF BUTLER, CONSTRUCTION COSTS - \$80,000
(FUNDING - 100% LOCAL)
- GRAHAM ROAD BRIDGE/CULVERT REPLACEMENT**
WEST OF SR 61, CONSTRUCTION COSTS - \$60,000
(FUNDING - 100% LOCAL)
- PONTIAC SECTION CULVERT REPLACEMENT**
EAST OF SR 99, CONSTRUCTION COSTS - \$60,000
(FUNDING - 100% LOCAL)
- REMELLE ROAD BRIDGE DECK REPLACEMENT**
SOUTH OF SETTLEMENT, CONSTRUCTION COSTS - \$20,000
(FUNDING - 100% LOCAL)
- SNYDER ROAD BRIDGE DECK REPLACEMENT**
EAST OF SR 99, CONSTRUCTION COSTS - \$475,000
(FUNDING - 89% OPWC, 11% LOCAL)
- WEINZ ROAD BRIDGE/CULVERT REPLACEMENT**
WEST OF SR 60, CONSTRUCTION COSTS - \$400,000
(FUNDING - 89% OPWC, 11% LOCAL)

TOWNSHIP PROJECTS: \$345,000

- SCOTTWOOD ROAD IMPROVEMENTS**
0.7 MILES, WEST OF THOMAS, CONSTRUCTION COSTS - \$150,000
(FUNDING - 74% OPWC, 26% LOCAL)
- MILLER ROAD IMPROVEMENTS**
1.25 LF ROAD REPAIR, NORTH OF TOWN LINE 12,
CONSTRUCTION COSTS - \$45,000
(FUNDING - 100% LOCAL)
- GREENWICH MILAN TOWN LINE ROAD RESURFACING**
1.46 MILES ROAD RESURFACING, BETWEEN JENNINGS AND TOWN LINE 131,
CONSTRUCTION COSTS - \$150,000
(FUNDING - 100% LOCAL)

