

HURON COUNTY ENGINEER'S OFFICE

2025 ENGINEER'S ANNUAL REPORT

The Ohio Revised Code requires each Ohio County Engineer to publish an annual report to the County Commissioners outlining the general condition of the roads and bridges in their county. Our office is responsible for 224 miles of county roads and 409 bridges covering an area of 497 square miles with a staff of 27 hardworking team members.

The next few pages are a review of our accomplishments last year and a preview of our 2026 projects, totaling over \$8 million dollars in construction.

Our two primary sources of revenue are from the gasoline tax and license plate fees totaling about \$6 million dollars annually. Due to this funding structure, our office strives to secure federal and state grants for our major construction projects. This eases the local tax burden while allowing us to stretch our local dollars further. Our success has allowed us to complete over \$19 million in construction projects over the last three years including twenty bridge projects.

Most of our office's large equipment and staffing levels are determined by the needs for snow and ice control operations and this year we needed it! The snow came in January and lasted through February. Our staff did an excellent job with all the long hours and time away from their families. We logged over 2,000 hours of overtime, spread 4,500 tons of salt & grit and used 15,000 gallons of diesel fuel. With the total cost for for the 2024-25 winter season being over \$450,000!

Crews will now transition into drainage, bridge and roadway projects. The last two winters have been tough on our roads, so now with spring around the corner, our crews will begin with asphalt repairs and various pavement maintenance items. Last year our crews placed nearly 3,000 tons of asphalt with our annual program.

Please feel free to contact me with any questions regarding our office. I appreciate the opportunity to serve the residents of Huron County.



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

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Hours:

7:00 a.m. - 3:30 p.m.

Monday thru Friday

Visit us on the web at:

www.huroncountyengineer.org

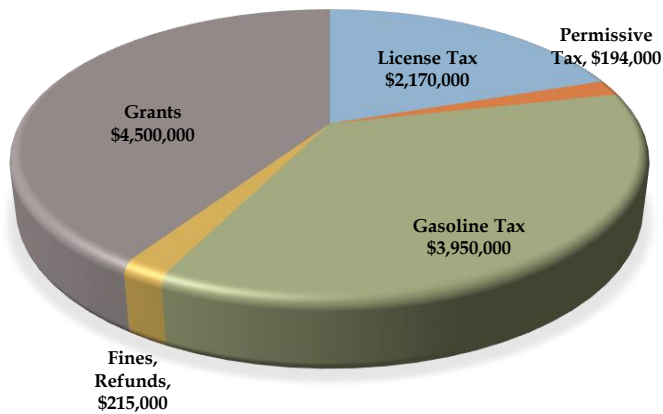
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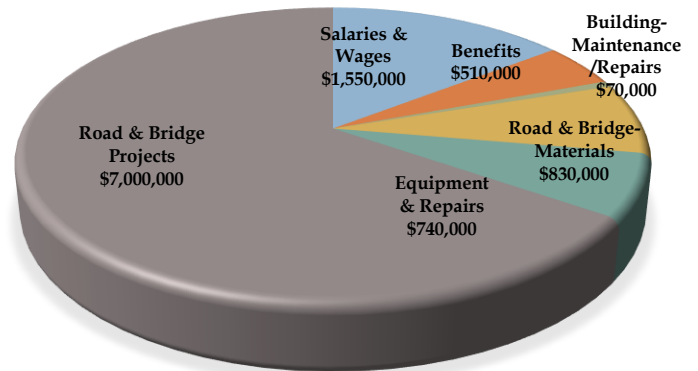
REVENUE

\$11,000,000



EXPENSE

\$10,500,000



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 (unchanged since 2019)
 We receive approximately \$3,900,000 from the state gas and diesel tax

Motor Vehicle Registration Fees

The Ohio Revised Code 4501.04 requires collection and distribution of license plate registration fees for highway maintenance.

For a passenger car, the basic annual fee is \$34.50.

The Huron County Engineer's Office receives approximately \$2,100,000.

WHAT TYPICAL PROJECTS COST

Roadway Items

Partial-depth asphalt resurfacing: **\$250,000-\$300,000** per mile

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

Asphalt overlay, 1 inch thick: **\$130,000** per mile

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

Chip and seal: **\$18,000** per mile

- Crack sealing and pavement repairs prior **\$5,000-\$8,000** per mile

Pavement markings, edge lines and center line **\$1,700** per mile

Complete roadway reconstruction: **\$500,000-\$600,000** per mile

Structures

Bridges and culverts less than 20 feet in span: **\$200,000 - \$400,000**

Bridges over 20 feet in span: **\$300,000 - \$1,500,000 +**

BRIDGE PROJECTS

Sand Hill Road Bridge

Located in Lyme Township, R & I Construction completed this total bridge replacement project. Total construction costs were \$1,420,000 with a federal grant covering 95% of costs.



Boughtonville Road Bridge

Located in New Haven Township, R & I Construction completed this total bridge replacement project. Total construction costs were \$1,482,000 with a federal grant covering 100% of costs.



Section Line Road 30 Bridge

Located in Norwich Township, R & I Construction completed this total bridge replacement project. Total construction costs were \$891,000 with a federal grant covering 95% of costs.



Buckingham Road Bridge

Located in New Haven Township, U.S. Bridge supplied and set the bridge beams with county forces completing the abutment repairs, concrete bridge deck, and guardrail. A \$300,000 federal grant was received for the structural steel.



ROAD RESURFACING

Butler Road Resurfacing

The project included 2 miles of asphalt paving from US 20 North to the Erie County Line. The work was performed by Sarver Paving Co. The total cost was \$230,000 with local funding covering 100% of costs.



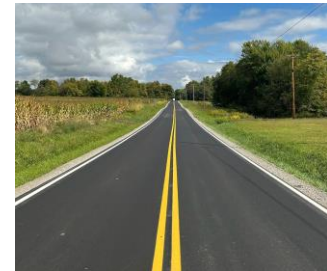
Greenwich Milan Town Line Road Resurfacing - Phase 2

The project included 3 miles of asphalt paving from Court Road to Tiger Road. The work was performed by Erie Blacktop, Inc. The total construction cost was \$606,000 with the Ohio Public Works Commission covering 70% of construction costs. This project was part of a multi-year resurfacing plan for Greenwich Milan Town Line Road.



Fitchville River Road Resurfacing

The project included 6 miles of asphalt paving from Cook Road to Prospect Road. The work was performed by Melway Paving Company. The total construction cost was \$310,000 with local funding covering 100% of costs.



County Road Paving Repairs

In 2025, county crews used 2,900 tons of paving asphalt to make road repairs throughout Huron County. Referred to as "shim paving", our equipment and crews often repair road edges that break down over time.



Bridge Repairs and Culvert Installations

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



Greenwich East Townline Road Structure Replacement

RMH Concrete & Foundations (100% Local Funding)



Peru Olena Road Bridge Replacement

Senghas Construction (74% OPWC Funding)

Section Line 30 Culvert

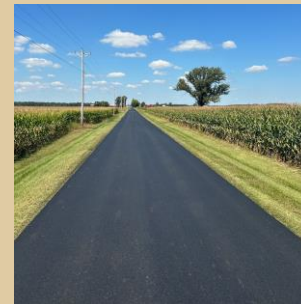
County Crews (100% Local Funding)

Township Projects

Our office is responsible for providing engineering services for all 19 Townships.



Richmond Township Weis Road Resurfacing A.J. Riley



Hartland Township Carroll Road Shim Paving Mc B Paving



New Equipment Added

- Tandem Axle Snow Plow Truck
- Miscellaneous Construction Tools
- Flail Mowing Attachments



- Road Side Boom Mowers
- Utility Pick Up Truck
- Over \$500,000 Invested in 2025!



Drainage Improvements



Pavement Markings

Maintenance Items



Snow Plow Operations



Asphalt Repairs



Safety Training Truck Rodeo

Other Community Activities



Norwalk 4th of July Parade



Huron County Fair Information and Display Booth



Career Day At Local Schools

Huron County Engineer Bridge Summary Report

Our office is responsible for 409 bridges on county and township roads throughout the county ranging in span from 10 feet to 126 feet. Each bridge's condition is inspected annually with a detailed report uploaded into the national data base. A bridge is defined when it has a clear span of ten (10) feet or more measured parallel to the centerline of the roadway. When a bridge is less than 10 feet, it is considered a culvert and does not require state or federal reporting. Our office maintains thousands of culverts on county roads while culverts located on a township roads are responsibility of each individual township.

Ohio has the 2nd largest bridge inventory of all states with 43,525 bridges maintained by the various entities; county engineers, cities, villages and ODOT. 26,300 of those bridges fall under the jurisdiction of the 88 County Engineers Offices across the state. Bridges are typically designed for a 50-year life cycle, which equates to the county engineers replacing 280 bridges per year to maintain a 50-year lifecycle of the 26,300 bridges. On average, county engineers are replacing 175 bridges per year, with funding being the limiting factor.

Each bridge is given a General Appraisal rating during the annual inspection, which is a summary of the condition of the structural elements of the bridge. The table below provides an overview of our bridge inventory for the 2025 inspections:

General Appraisal	Description	2025 Inspections
9	Excellent Condition	67
8	Very Good Condition	76
7	Good Condition	93
6	Satisfactory Condition	104
5	Fair Condition	48
4	Poor Condition	13
3	Serious Condition	8
2	Critical Condition	0
1	"Imminent Failure" Condition	0
0	Closed to Traffic	0

Total Bridges 409

In addition to annual inspections, each bridge is required to have a load rating analysis conducted to determine safe loading capacities. Updates are performed periodically if the bridge's condition changes or mandates by the Federal Highway Administration (FHWA).

Currently there are sixteen (16) bridges that have load limit restrictions. We have successfully secured funding to replace twelve (12) of these bridges over the next few years. Some of the weight restricted bridges are in fair to good condition, but were not built to handle today's modern heavy trucks and equipment. Many of these structures have several years of service life remaining and will not be a focus of our replacement program until all of the poorly rated structures have been replaced.