

ANNUAL REPORT



MAHONING COUNTY ENGINEER'S OFFICE

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Patrick T. Ginnetti, P.E., P.S.

Mahoning County welcomed Patrick T. Ginnetti, P.E., P.S., as its new County Engineer on January 7, 2013. Pat brings a foundation of honesty, integrity, experience, compassion and leadership to Mahoning County and understands the demands of its commercial and residential growth. He has pledged to make sound decisions that place the public welfare and safety above all other concerns.



There are four strategic areas for growth and improvement upon which Pat plans to build his vision for the Mahoning County Engineer's Office:

Improving Infrastructure: Promoting safe neighborhoods and nurturing the business community to help foster and create a healthy economy.

Transportation Planning: Combining tested methods with the best new technology and analysis to improve planning for the future.

Developing Inter-Governmental Partnerships: Allowing the Mahoning County Engineer's Office to be a true asset and partner for the cities, townships, villages and other agencies.

Fiscal Responsibility and Accountability to the Taxpayers: Appropriate spending of public funds for the greater good of the County, with transparency to the citizens within.

The Mahoning County Engineer's Office initiated and completed the 2024 OPWC/2025 Sales Tax Road & Bridge Safety Upgrade resurfacing a total of 59.07 miles of paved roadway as well as the replacement/rehab of 1 structure (SFN 5048223) in the 2025 calendar year. The project was the result of a 34.3% Ohio Public Works Commission (OPWC) grant, with the remaining 65.7% of funds coming from the County Engineers' local monies. The Engineer's Office took the lead on the paving contract while adding roads which were funded with 100% sales tax and 100% local receipts from outside jurisdictions within the County including: Coitsville Township, Green Township, Smith Township, Springfield Township and the Village of Beloit.

ROAD	FROM	TO	TOWNSHIP
County Line	Four Mile Run	Trumbull Co. Line	Austintown
Lynn	Lincoln	Bassinger	Beaver
Calla	Sharrott	SR 7	Beaver
Pine Lake	SR 7	SR 165	Beaver
County Line	Eureka	SR 7	Beaver
Lynn	Detwiler	Cul-de-Sac	Beaver
E. Middletown*	Cul-de-Sac	Middletown	Beaver
Calla*	Sharrott	Dead End	Beaver
E. Middletown*	SR 164 Roundabout	Cul-de-Sac	Beaver
Duck Creek	US 224	Ellsworth	Beaver/Ellsworth
E. Parkside	Dead End	US 224	Boardman
Newport Square	SR 7	Midlothian	Boardman
Shields (<i>1" Resurface</i>)	Mission Hills	Dorado	Boardman
Tippecanoe	Western Reserve	US 62	Boardman/Canfield
Leffingwell	SR 11 Bridge	Tippecanoe	Canfield
Villa Marie	Bedford	PA Stateline	Coitsville
McGuffey	SR 616	PA Stateline	Coitsville
Bedford	New Castle	US 422	Coitsville/Poland
Huxley	Western Reserve	Leffingwell	Ellsworth
Duck Creek	Western Reserve	Berlin Station	Ellsworth/Berlin
Calla	Gas Well	Stratton	Goshen
Stratton	SR 165	Middletown	Goshen
Middletown	Beloit Snodes	SR 14	Goshen/Smith
Silica	Pvmnt. @ Bailey	SR 45	Jackson
Gladstone	Bailey	SR 45	Jackson
N. E. River	Mahoning	County Line	Milton
Fifth	Corp. Line	Smith Goshen	Smith
Ellett	US 62	Fifth	Smith
Beloit Snodes	SR 165	Western Reserve	Smith
North Lima	SR 164	Western Reserve	Springfield
Middletown	Springfield	Beard	Springfield
Struthers	New Middletown Corp.	SR 630	Springfield
Middletown	SR 164	Springfield	Springfield/Beaver

*Resurface & Return to Township

ROAD	FROM	TO	TOWNSHIP
Raccoon	Mahoning	Four Mile Run	Austintown
Kirk	Turner	SR 46	Austintown
Kirk	Lipkey	Turner	Austintown/Jackson
Southern	Western Reserve	US 224	Boardman
Hitchcock	Western Reserve	US 224	Boardman
Houston	Bedford	PA Stateline	Coitsville
W. Pine Lake	SR 45	US 62	Green
W. Pine Lake	Dead End	Beaver Creek	Green
Heiser	Johnson	12th	Smith
Factory	Alley (West)	Bandy	Smith
Francis	Oak	Factory	Smith
Oak	Lake (Curve)	Bandy	Smith
Lake	Lake Park	Oak (Curve)	Smith
1st West	Church Lot	12th	Smith
1st North	1st West	12th	Smith
Oyster	N. Benton West	Smith Northwest	Smith
Oyster	Smith Northwest	W. R. German Church	Smith
Martin	N. Benton West	Smith Northwest	Smith
Martin	Smith Northwest	W. R. German Church	Smith
Park	Lake Park	Oak	Smith
Thelma	Lake Park	Oak	Smith
Center	Dead End	12th	Smith
N. Benton Alley 1	1st North	12th	Smith
N. Benton Alley 2	1st North	12th	Smith
Sena Lane	E. Calla	North Lima	Springfield
Shores Drive	Cul-de-Sac	Springfield	Springfield
Northwoods Drive	SR 630	Tree Line Trail	Springfield
Tree Line Trail	Northwoods End	Cul-de-Sac	Springfield
Sycamore Hill	Struthers	Cul-de-Sac (2)	Springfield
Sycamore Hill Court	Cul-de-Sac	Sycamore Hill	Springfield
Fifth	SR 165	Corp. Line	Beloit Village

■ 34.3% Ohio Public Works Funding, 65.7% Local Funding (Sales Tax & MCE Expense Funds)

■ 100% MCE Local Funding (Sales Tax)

■ 100% Local Receipts (Smith Township)

■ 100% Local Receipts (Coitsville Township)

■ 100% Local Receipts (Springfield Township)

■ 100% Local Receipts (Green Township)

■ 100% Local Receipts (Beloit Village)

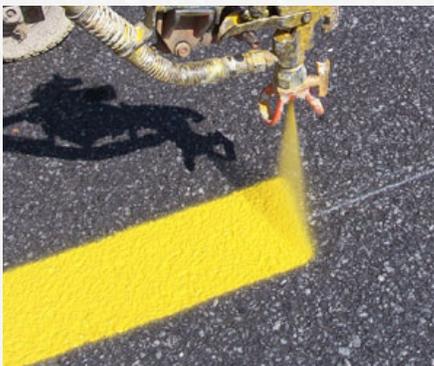


ROADWAY STRIPING

Bids were received in February of 2025 for our County-Wide Striping Program. A contract was awarded to Yankee Clipper Company in the amount of \$154,536.00, with work to be completed by September 30, 2025. The contract was granted a 30-day time extension with thirteen additional roads added. The final cost of the program totalled \$169,927.00 and was paid with 100% local monies.

TOWNSHIP (COUNTY ROAD)	YELLOW PAINT (MILES)	WHITE PAINT (MILES)	TOTAL MILES
Austintown	13.30	5.21	18.51
Beaver	3.94	7.88	11.82
Berlin	6.05	12.09	18.14
Boardman	3.22	3.11	6.33
Canfield	6.74	13.48	20.22
Coitsville	4.62	9.24	13.86
Ellsworth	10.28	20.55	30.83
Goshen	3.85	7.70	11.55
Green	8.06	16.12	24.18
Jackson	7.14	13.90	21.04
Milton	4.68	9.35	14.03
Poland	1.95	3.89	5.84
Smith	6.94	13.88	20.82
Springfield	6.31	12.62	18.93
GRAND TOTALS	87.07	149.02	236.09

**Note: This includes long lines (center, edge, lane).
This does not include short lines (stop lines, channelizing) or arrows.*



SIGN INVENTORY

Replacement and repairs to roadway signage throughout the County.

TOWNSHIP	# SIGNS REPLACED	# SIGNS REPAIRED
Austintown	48	74
Beaver	14	27
Berlin	10	5
Boardman	86	65
Canfield	28	47
Coitsville	16	40
Ellsworth	12	32
Goshen	13	26
Green	21	27
Jackson	13	64
Milton	14	16
Poland	16	21
Smith	8	27
Springfield	27	56
GRAND TOTALS	326	527



MARKET STREET BRIDGE REHABILITATION

Rehabilitation upgrades included the removal and replacement of existing bridge lighting, existing strip seals, elastomeric compression seal and joint armor and North Abutment. A new vandal protection fence was installed as well as new micro silica modified concrete overlay and horizontal extension at ends of existing expansion joints. Other upgrades included patching of concrete abutments, piers, bridge deck parapets, repair painting of structural steel, repairs to scuppers and bridge drainage system, sealing of concrete substructure and parapet surfaces and sealing of deck surface with gravity fed resin.

Final Cost: \$4,420,026
(95% Federal & 5% Local Funding)



WALKER MILL BRIDGE REPLACEMENT

Removal and replacement of the existing concrete four span Walker Mill Road Bridge with 110' steel girder and reinforced concrete deck bridge which included new abutments, wing walls and other miscellaneous

Final Cost: \$1,039,000
(80% Federal & 20% Local Funding)



WESTERN RESERVE ROAD WIDENING "COMBINED" PROJECTS

Upgrading 2.23 miles of Western Reserve Road from Hitchcock to I-680 by widening and resurfacing. Upgrades to include: railroad crossing & signal improvements at Southern Blvd., drainage improvements, curb and gutter, traffic control signs, pavement markings and traffic signal improvements. Project still in-progress with an estimated late Summer/Fall 2026 completion.

Bid Amount: \$17,618,168.24
(Federal, OPWC & Local Funding)



The Mahoning County Engineer's Office was authorized to participate in contracts with the Ohio Department of Transportation (ODOT) Purchasing Co-Op for the purchase of large quantities of sodium chloride (rock salt) for the 2024 - 2025 winter season.

The County once again came into the season with a reasonable stock pile of materials, therefore a total of 4,000 tons of salt was requested, which bounded the department to purchase at least 90% of the salt quantities requested (3,600 tons). The County was limited to 110% of the requested quantities as well (4,400 tons).

Bids were received by the State, and Morton Salt, Inc. was the awarded supplier to our District at a cost of \$47.08 per ton (delivered).

Throughout the course of the 2024 - 2025 season, the Mahoning County Engineer's Office spent \$206,811.83 on dumped material delivered to all three of our Districts totalling approximately 4,392.77 tons. This material was used throughout the season as well as to refill the stockpile in all salt domes and bins to prepare for the next winter season to follow.



The Mahoning County Engineer's Office reviews new subdivision plats and surveys for compliance with the requirements of the Ohio Administrative Code, Chapter 4733-37 and Mahoning County Conveyance Standards. In 2025, the Survey Department reviewed new surveys and subdivision plats as follows:

MUNICIPALITY	# PLAN/SURVEY REVIEWS
Austintown Township	21
Beaver Township	24
Beloit Village	0
Berlin Township	8
Boardman Township	23
City of Campbell	3
City of Canfield	3
Canfield Township	37
Coitsville Township	14
Craig Beach Village	0
Ellsworth Township	20
Goshen Township	15
Green Township	25
Jackson Township	15
Village of Lowellville	5
Milton Township	21
Village of New Middletown	2
Poland Township	27
Poland Village	2
Village of Sebring	1
Smith Township	16
Springfield Township	29
City of Struthers	3
City of Youngstown	20
Grand Total	334



Mahoning County Conveyance Standards require that all new surveys be referenced to a Mahoning County Monument. Many of the monuments are not shown on the GIS system, or they are physically inaccessible. In an on-going effort to assist the private surveying profession and ultimately the land owners in Mahoning County, numerous monuments were recovered and/or restored in 2025. The positions of these monuments were obtained and added to the GIS.



ROAD & BRIDGE CONDITIONS

Counties are responsible for 28,971 miles of roadway. Mahoning County is responsible for 483.828 miles of roadway and 288 bridges.

- The life cycle of road resurfacing and/or sealing is 7 to 10 years.
- The current average cycle statewide is over 17 years.
- Some counties are faced with turning hard surfaced roads back to gravel.



Counties are responsible for 26,326 bridges statewide... That is 60% of the bridges in Ohio.

- 5,797 of those are classified as Structurally Deficient or Functionally Obsolete.
- 9,600 of County bridges are over 50 years old.
- 3,206 bridges have posted or reduced load limits.
- Statewide, counties are replacing 175 bridges per year.
- On average, 280 bridges need to be replaced each year to maintain the system. (This is a 105 bridge per year shortfall.)



EXPENDITURE**AMOUNT (YTD & ENCUMBRANCES)**

Employee Salaries	\$4,931,742
Part Time / Seasonal Salaries	\$42,331
Hospitalization & Opt Outs, Dental & Life Insurance	\$1,767,715
PERS	\$717,107
Medicare	\$68,726
BWC Premium, Claims & True Up Expenses	\$91,176
Unemployment	\$0
Employee Overtime	\$143,439
Separation Payout	\$311
Earned Time Buyouts	\$6,341
Hazardous Pay	\$35,525
Clothing Allowance	\$33,600
License Reimbursement	\$51,700
Buildings & Grounds	\$42,166
Postage	\$1,532
Printing	\$10,856
Drug Testing	\$5,146
Administrative Materials & Office Supplies	\$11,697
Travel (Seminars & Conferences)	\$27,248
Organization Dues	\$66,422
Tuition Reimbursement	\$2,500
Damages & Reimbursement Expenses	\$2,390
Professional Services	\$222,270
Contractual Agreements (Sheriff)	\$58,088
Utilities	\$198,863
Gasoline	\$272,578
Insurance Liability	\$40,591
Data Equipment & Software	\$28,308
Surveying	\$2,526
GIS Department	\$150,000
Equipment	\$1,172,587
Road Materials & Supplies	\$577,354
Traffic Materials & Supplies	\$37,370
Data Board Maintenance & Services	\$965
Equipment Leasing	\$0
General Contracting (Maint. Agreements)	\$137,867
Capital Improvement Projects	\$320,818
Principal Loans & Bonds / Interest Notes & Bonds	\$355,077
Vehicle Materials & Supplies	\$146,902
Vehicle Maintenance & Parts	\$288,436
Ice & Snow Chemicals	\$456,812
Advertising	\$10,259
Local Match for Funded Projects*	\$3,351,353
County Cost Allocation	
TOTAL	\$15,888,694

*Does not include sales tax expenditures.