



2024 CLINTON COUNTY ENGINEER'S ANNUAL REPORT

MARCH 31, 2025

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County Engineer

I'm pleased to share highlights from our 2024 Annual Report. This yearly update provides an overview of the work we've completed, the current condition of our roads, bridges, and culverts, and a look ahead to 2025. Despite rising costs, we've made strong progress—thanks to a hard-working team and continued community support.

Maintenance & Infrastructure Highlights

Back on Track: After delays in previous years, many projects are now completed or scheduled. We also caught up on annual maintenance.

Bridge Inspections: Completed in Fall 2024. Preventative maintenance like waterproofing and beam coatings continues to extend bridge life.

Steel Truss Bridges: Once numbering over 60, only 3 remain:

- **Borum Road:** Replacement starts in early 2025 with a 100% federally funded steel truss.
- **Pratt Road:** Replacement set for 2025; 95% federally funded.
- **Black Road:** Truss bridge remains in good condition.

Box Bridges: Several precast box bridges were installed in 2024 using structures built in-house.

Upcoming (2025):

Gurneyville Road Bridge: New steel "tub" girder design, 48% funded by OPWC.

Collett & Doster Roads: Two corrugated steel structures will be replaced with pre-cast concrete boxes.

Road Resurfacing & Repair

Each spring, we rate pavement conditions to prioritize projects.

Resurfaced/Repaired: 51 of 262 miles.

Chip Seal Program:

- 15 roads sealed (40+ miles) at \$598,516 total.
- Fog seal added to 12.72 miles at \$3,443/mile.

Paving:

- 11.2 miles paved at \$1.32 million.
- \$597,143 funded by OPWC.

Goal: Keep roads on a 5–7 year resurfacing cycle.

Preventative Maintenance: Includes chip sealing, crack sealing, patching, and repairs to extend lifespan and improve safety.

Safety Improvements

We're committed to safety and continue to pursue federal and state funding for these critical upgrades.

Center Road Project: Smoothed curves/hills for 0.8 mile from Nelson Ave. to US 68. Total cost: \$1.68M (80% federal funds and 20% OPWC grant).

Antioch & Bernard Rd Intersection: Improvements made with OPWC support.

2024 Safety Grants:

- \$261,255 – Guardrail upgrades
- \$15,862 – Curve sign replacements

Coming in 2025:

- **Farmers Road Safety Upgrade:** \$1.32M project with federal/OPWC funding.
- **Antioch Road:** Safety upgrade, improving intersection and roadway sightlines and widening design

Long-Term Plans (2025–2030):

- 4 more safety projects funded.
- \$5M ODOT grant awarded for systemic safety improvements on Antioch & Second Creek Roads.
- Future grants secured for guardrail & pavement markings.

Winter Storm Summary

Dec. 2023 – Apr. 2024: A mild winter season.

Road Work: 1,000 hours logged, 16,200 miles driven.

Salt & Grit Used: 1,140 tons

Total Cost: \$150,434 (For comparison, 2021 cost was \$639,736)

Savings from the mild season allowed us to schedule more 2025 projects.

Budget & Funding

Main Revenue Sources: Fuel tax and license renewals.

Post-COVID Travel: Still down 10% from pre-pandemic levels.

Fuel Tax Increase (2019): Helped offset rising construction costs.

Grants: Continue to be vital for road and safety improvements.

Pandemic Impact: Revenue losses from 2020 still affect our ability to expand resurfacing efforts.

Looking Ahead to 2025

We're optimistic as we move into the new year and are committed to continuing our mission of maintaining safe and reliable transportation across Clinton County. We'll continue pursuing grant opportunities and managing our budget responsibly to meet future infrastructure needs.

2024 TAX MAP SUMMARY

Total Parcel Transfers	2281
Parcel Pre-approvals	1112
Existing parcels checked	1009
Survey plats filed	146
Total Property Splits & Resurveys	
Minor Splits < 20 ac.	63
Over 20 acres	3
Resurveys	48
Exempt	17
Combinations	15
Total Parcels Reviewed	254
(include replat)	
Annexations reviewed	5
Major Subdivisions	15
Recorded	
Road Right-of-Way Plans	3
Road Dedications	5
Total Pay-in—General	\$ 1045

SNOW & ICE REMOVAL

Regular Hours	104 hrs.
Overtime Hours	658.50 hrs.
Grit (small stone)	316 ton
Salt	827 ton
Miles Driven	16,200 miles
Fuel Used	4,050 gals.
TOTAL COST:	\$150,434.22
(1/6/2024 — 2/24/24)	
(6 days)	

2024 PERMITS & REVIEWS

Utility Permits Granted	204
House Numbers Assigned	46
Access Permits Issued	66
Crash Reports Reviewed	1253
Hauling/Overload Permits	81

MISC. MAINTENANCE

Trash Pickup	\$41,853
(Started 3/25/24 — 4/5/24)	
Water-Based Pavement Marking:	
Centerline (46.71 mi)	\$ 35,266.05
Edgeline (81.134 mi)	\$ 42,278.93
Mobilization & Traffic	\$ 5,415.00
TOTAL:	\$ 82,959.98

Facts & Figures

2024 REVENUE

Motor Vehicle Tax (State)	\$ 1,514,960.11
Gas Tax	\$ 3,871,744.51
Reimbursements	\$ 267,853.65
Interest Income	\$ 144,777.43
Fines	\$ 70,525.49
Miscellaneous	\$ 917.60
Permissive Tax	\$ 80,439.49
Fees (permits and reviews)	\$ 115,484.74

TOTAL: \$ 6,066,703.02

2024 EXPENDITURES

Personnel— Wages	\$ 1,949,089.40
Personnel—Fringe Benefits	\$ 875,393.75
Admin (non-personnel)	\$ 116,069.94
Road Expenditures	\$ 2,798,594.39
Bridge/Culvert Expenditures	\$ 239,168.74
Capital Expenditures	\$ 344,301.00
Buildings & Grounds	\$ 46,983.08

TOTAL: \$ 6,369,600.30

2024 Bridge Repair & Replacement

Road	Bridge #	Type of Bridge	Cost
Hackney	53-2.15	Precast Box	\$ 172,666.59
Snow Hill	41-0.17	Precast Box	\$ 161,213.00
Brown	79-0.28	Precast Box Repair	\$ 28,931.89

TOTAL: \$362,811.48

CLI-TR169-1.97 BORUM ROAD BRIDGE

The image on the left shows the dismantling of the 1971 truss bridge on Borum Road. The bridge's plaque listed the original commissioners—Oscar Hackney, D.M. Fife, and B. Anthony Williams—along with County Engineer D. Robert Conard. The trusses were manufactured by Champion Bridge Company. On the right, the new truss bridge under construction features trusses produced by U.S. Bridge Company, the contractor for this project. Borum Road is one of only three remaining truss bridges in the county, and the Pratt Road truss bridge is scheduled to be replaced with a steel beam bridge in July, 2025.



2025 Proposed Bridge Repair & Replacement

Road	Bridge #	Type of Bridge	Cost Est.
Borum	TR169-1.97	Truss	\$ 713,362*
Pratt	TR256-0.01	Steel Beam w/concrete deck	\$1,565,800**
Gurneyville	CR15-5.78	Tub Girders w/concrete deck	\$ 206,275***
Collett	TR230-0.54	3-Sided Box	\$ 190,000
Doster	TR129-2.28		\$ 190,000

TOTAL: \$2,865,437

*100% Federal Funds

**95% Federal Funds

***48% OPWC Funds

Work Zone Safety Matters: Protecting Workers & Drivers

Maintaining and improving our county's roads is essential for safe and efficient travel, but it also comes with risks—especially in work zones. Whether it's roadway sealing, bridge replacement, or full road reconstruction, work zones require extra caution from both drivers and construction crews. Understanding these risks and following safety guidelines can help prevent accidents and ensure that everyone makes it home safely.

The Risks in Rural Work Zones

Unlike highways with multiple lanes and ample room for detours, rural road work zones often involve narrow passages, limited visibility, and unexpected hazards. Drivers may encounter:

Loose gravel and uneven surfaces from roadway sealing.

Temporary lane closures and detours during bridge replacements.

Heavy machinery & workers in close proximity during road reconstruction.

These conditions increase the potential for accidents if drivers are not fully alert and following posted warnings.

How the County Ensures Work Zone Safety

The county takes multiple precautions to protect both drivers and workers, including:

Placing clear and visible signage to warn of upcoming work zones.

Using traffic control measures like cones, barriers, and flaggers to direct vehicles safely.

Training workers on safety protocols to reduce risks on the job.

Everyone Has a Role in Work Zone Safety

Road construction and maintenance projects improve travel for everyone, but they require caution and cooperation. By driving safely through work zones, you help protect the men and women working to maintain our roads—and you keep yourself and fellow travelers out of harm's way.

Grant Dollars Save County Dollars

Federal Money Received for Projects in 2024

CLI-CR 12-4.81 Antioch Rd Safety Improv	\$ 9,377
CLI-CR 12-4.43 Antioch Rd Sight Improv	\$ 847
CLI-VAR Guardrail FY 24	\$ 261,255
CLI-TR256-0.01 Pratt Rd Bridge Rehab	\$ 1,293
CEAO Safety Studies - Curve Sign Upgrade	\$ 15,862
CLI-TR169-1.97 Borum Rd Bridge Rehab	\$ 25,782
CLI-CR16-7.96 Center Rd Sight Improvement	\$ 1,332,817

OPWC Money Received for Projects in 2024

CLI-CR16-7.96 Center Rd Sight Improv	\$ 351,289
Antioch/Bernard Safety Improvement	\$ 167,000
Resurfacing	\$ 597,143

TOTAL GRANT MONEY RECEIVED IN 2024 \$2,762,665

2024 Resurfacing

Road Name	Length	Description	Width	Cost
Gleason	1.798	Asphalt Resurfacing	20	\$ 328,362
Stone	5.178	Asphalt Resurfacing	21.5	\$ 662,215
Center	1.578	Asphalt Resurfacing	20.5	\$ 111,274
Mound	0.543	Asphalt Resurfacing	19	\$ 42,660
Greene	2.108	Asphalt Resurfacing	22.5	\$ 176,864
New Burlington	4.850	RS-2P Single Seal	19.5	\$ 76,193
Larrick	2.359	RS-2P Single Seal	20	\$ 34,667
Cherry Bend	2.431	RS-2P Single Seal	19.5	\$ 35,536
Starbuck	2.222	RS-2P Single Seal	19	\$ 30,829
Jonesboro	6.798	RS-2P Single Seal	19.5	\$ 100,738
Jonesboro	6.798	Fog Seal	19.5	\$ 23,304
Pansy	4.246	RS-2P Single Seal	19.5	\$ 63,720
Glady	1.339	RS-2P Single Seal	19.5	\$ 20,471
Gallimore	2.033	RS-2P Single Seal	19	\$ 28,741
Henry	1.753	RS-2P Single Seal	19	\$ 24,691
Regan	2.213	RS-2P Single Seal	18.5	\$ 29,843
Townsend	2.834	RS-2P Single Seal	18.5	\$ 38,982
Townsend	2.834	Fog Seal	18.5	\$ 9,435
Oak Grove	3.684	RS-2P Single Seal	20	\$ 55,130
Brimstone	1.262	Fog Seal	19	\$ 4,395
Brimstone	1.262	RS2-P Single Seal	19	\$ 18,737
Lewis	0.795	RS-2P Single Seal	19.5	\$ 12,040
North Curry	1.828	RS-2P Single Seal	20.5	\$ 28,350
North Curry	1.828	Fog Seal	20.5	\$ 6,660

TOTAL: \$ 1,963,837

Avg Cost of Single Seal Per Mile—\$14,728 (includes cost of stone)

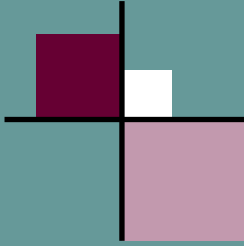
Avg Cost of Fog Seal Per Mile—\$3,443

Avg Cost of Asphalt Resurfacing Per Mile—\$117,927 (includes striping)

FUTURE FEDERAL & OPWC GRANTS APPROVED

FY2024	CLI-CR15-5.78 Gurneyville Rd Bridge	\$ 206,275
FY2024	CLI-CR 12-4.43 Antioch Rd Safety Improvement	\$1,371,000
FY2025	CLI-CR 7-8.00 Farmers Rd. Safety Improvements	\$1,320,000
FY2025	CLI-CR-VAR-Guardrail	\$ 300,000
FY2025	CLI-TR 256-0.01 Pratt Road Bridge Replacement	\$1,412,033
FY2025	CLI-CR 10-0.41 Clarksville Rd Safety Improvements	\$1,479,800
FY2025	CLI-TR169-1.97 Borum Rd Bridge	\$ 794,200
FY2025	CLI-CR37-0.00 Osborne Safety Improvements	\$1,211,160
FY2026	Pavement Marking	\$ 150,000
FY2026	Raised Pavement Marking	\$ 75,000
FY2026	Guardrail Replacement	\$ 300,000
FY2026	CLI-CR3-2.89 Nelson Ave	\$ 854,240
FY2026	CLI-CR19-3.34 Second Creek Safety Improvements	\$1,951,465
FY2026	CLI-CR12-4.81 Antioch Rd Safety Improvements	\$3,954,129
FY2027	CLI-CR 7-5.23 Farmers Rd. Safety Improvements	\$1,865,520
FY2027	CLI-VAR Guardrail Replacement	\$ 300,000
FY2027	CLI-CR19-1.83 Second Creek Safety Improvements	\$1,620,800
FY2028	CLI-VAR Guardrail Replacement	\$ 300,000
FY2028	CLI-CR21-6.34 Prairie Rd Bridge Replacement	\$ 619,000
FY2029	Wayne Rd Intersection Improvement	\$ 556,452
FY2029	CLI-VAR Guardrail Replacement	\$ 300,000
FY2029	CLI-CR-VAR Pavement Marking	\$ 150,000

TOTAL FUTURE GRANTS ALREADY APPROVED: \$21,091,074



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VISIT US ON THE WEB!
www.clintoncountyengineer.org

Farmers Road Sight Improvement Project



The Clinton County Engineer's Office, in cooperation with the Ohio Department of Transportation, has initiated a safety project to reconstruct a portion of Farmers Rd in Union Township. The project will reconstruct approximately 3,800 feet of Farmers Road by realigning the curve of the roadway approximately 50 ft. to the west of the existing intersection with Jenkins Road. The project will also include widening the pavement and shoulders, removing fixed objects to increase the visibility along the roadway, pavement striping, adding raised pavement markings and signing safety improvements. Construction began in March 2025 and is estimated to be completed by the end of June 2025.

County Highway Department



Dedicated to Keeping County Roads Safe —Meet the County Highway Crew!

Front Row: Keith Barker; Second Row (left to right): Josh Groves, Nick Fairchild, Rodney Campbell, Dakota Heeg; Third Row (left to right) Avery Woods, Chris Gunkel, Cayden Denniston, Nathan Denniston, Brock Allen, Mike Runk, Chris Williamson, Tom Thatcher, Andrew Caplinger; Fourth Row (left to right): Scott Binkley, Eric Reiley, Chris Hamilton, David Thornburg, Bryan Dalton, Todd Bailey, Patrick Beatty, Steven Bailey, Jeff Nichols, Aaron Schrand, Nick Smith.

*"Every road we
build, every bridge
we maintain, is a
commitment to
safety and
reliability."*

—Jeff Linkous
Clinton County Engineer