

**OFFICE OF THE
LOGAN COUNTY ENGINEER**

**2024 ANNUAL REPORT
2024-2025 ROAD REVIEW**

April 1, 2025



*Scott C. Coleman, P.E., P.S.
Logan County Engineer*



Bridge 174-0.56
over the Onion Ditch



McColly Covered Bridge 13-1.56
over the Great Miami River

TABLE OF CONTENTS	
Employees of the Logan County Engineer's Office	2
Message from your County Engineer	3
Condition of our Highway System	4
2024 Revenues	5
Sales Tax Balance Sheet	5
2024 Expenditures	6
2024 Major Equipment Purchases	6
2024 Road Program	7-8
2025 Road Program	9
2024 Bridge Program	10
2025 Bridge Program	10
Administrative/Staff Support	11
Design/Engineering	11
Traffic Department	11
Map Room Duties	11
Executive Summary	12
2024 Motor Vehicle Registrations	12

EMPLOYEES OF THE LOGAN COUNTY ENGINEER'S OFFICE		
County Engineer		
Scott C. Coleman, P.E., P.S.		
Engineering Department		
Michaela Brunke Misty Centers Michael Kerns, P.E.	Shirley Brunke Greg Dappert	Ethan Bryant N. Skip Judd Leslie Teets
Map Room		
Jayma Burkhammer	Suzie Cochran	Jonathan Parthemore
Highway Department		
Landon Gibbs Dan Johnson Brandon Moon Tony Ransbottom	Trent Helmlinger Dan McMillen Matt Phelps Joe Rose	Mark Hilty Troy Miller Candy Powell Kyle Rumer
Ditch Department		
Greg Kennaw	David Kirkpatrick	Steve Tracey
Bridge Department		
Elliott Fullerton	Luke Jolliff	Jesse Strayer
Traffic Department		
Mark Dearwester	Anthony Hamilton	

Logan County Engineer's Office

April 1, 2025

To the Honorable Board of the Logan County Commissioners and the Citizens of Logan County:

The following pages contain our Annual Report for 2024. On the back page, the reader will find a breakdown of the road miles, the number of bridges in our system, and the number of signs and culverts that we maintain. Also included in this report is what we accomplished in the year 2024 and what we plan to accomplish in 2025.

In 2024 we resurfaced 26.4 miles of county highways, chip-sealed and fog sealed 31 miles of county highways, replaced 1 bridge and 6 standard culverts. We assisted the Township Trustees with the resurfacing of 3.8 miles of roads and chip-sealing another 21.3 miles. We also fog sealed 18.4 miles of roads for townships. We assisted the villages and the city of Bellefontaine with the resurfacing of 1.2 miles of roads.

We saw a decrease in salt prices for the 2024-2025 winter season. In the 2023-2024, winter fill was \$76.53 per ton for road salt and we entered winter with a full stockpile. The road salt bid for 2024-2025 was \$71.94 per ton. Due to dramatically fluctuating prices from year to year, we have become more efficient and effective in how we utilize our labor and materials in clearing roadways of snow and ice. We have pre-wetting systems installed on all of our trucks to increase our available options for treating roadways. We have implemented the use of Beet Heet® sugar beet molasses for pre-wetting our salt at the rear auger. This product increases our ability to melt ice at lower temperatures. We will be carrying a 20 percent supply of salt into next winter. Our overall snow and ice control costs for calendar year 2024 were \$281,026.69 and we were well below our average winter costs of \$400,000.

We thank the citizens of Logan County for their continued support and renewal of the 1/2% sales tax which allowed us to continue upgrading our transportation infrastructure. Sales tax revenue increased by 1.81% in 2024. Motor vehicle fuel tax revenue increased by 3.4% and automobile registration fees increased by 0.7% in 2024. The Logan County Engineer's Office has been aggressively seeking grant funds to supplement our regular funding and sales tax funding. In 2024, we received a total of \$1,470,191.98 for federal aid resurfacing, \$ 162,978.25 for federal aid CR 18 profile improvement, \$ 150,000 for federal aid pavement markings, and \$ 199,914.97 for bridge 209-0.18 bridge replacement from federal aid and state disaster relief funds.

The 1/2% sales tax for roads and bridges generated \$3,946,626.77 in 2024. The County portion totaled \$986,656.66 and the Township portion totaled \$789,325.38. The Sheriff's Office portion totaled \$986,656.66 and Economic Development and Landuse Planning totaled \$394,662.69. The total municipal sales tax collections were \$789,325.38 and were shared among Bellefontaine and the villages based on population. Total sales tax expenditures were \$218,402.94 for County projects (we carried over funds for local match for federal aid projects in 2025) and \$765,827.53 for Township projects. The County Engineer's Office expended \$2,576.55 in 2024 to develop, administer and perform inspections for the township paving and chip-sealing.

The Logan County Engineer's Office has been implementing shared services for many years and continues to expand them. We have performed roadside mowing, roadside spraying, sign inspections, township sign replacement, sign post driving, painting railroad crossing warnings, setting back mailboxes, roadside ditching, boom mowing of roadside vegetation, pavement repairs, small paving projects, small chip seal projects, roadway shoulder stabilization, guardrail repair/replacement, dura-patching, and culvert replacements for a few townships and villages. This is a mutually beneficial process where we can save the townships and villages money and offset some of our labor and equipment costs. We work with the City of Bellefontaine, villages, townships, County Commissioners, adjacent counties, and ODOT for shared services to better serve our community.

We have been working with our state legislators for the past several years to develop a long term funding source for Ohio's local roads and bridges. Thanks to Governor Mike DeWine and the state legislature for passing the motor vehicle fuel tax increases in 2019. This will go a long way to fix the statewide shortfall in local highway funding. The new motor vehicle fuel user fee increase of 10.5 cents per gallon on gasoline, 19 cents per gallon on diesel, \$200 registration fee for electric vehicles, and \$100 registration fee for hybrid vehicles began collection in July of 2019. In 2024, we received \$3,871,744.51 from motor fuel tax. The 2024 receipts are approximately \$1.4 million more than we received in 2018, which is less than the projected increase of \$1.5 million. Overall, this means that the new fuel tax is not adequate to replace our local sales tax for roads and bridges. Please encourage our Ohio Representatives and Senators to work toward additional funding solutions to provide adequate highway infrastructure funding for local jurisdictions. Temporary reduction of the fuel tax is not a solution for increased fuel prices due to production issues and international conflicts. We must preserve the fuel tax for funding of county, township, and municipal roads and bridges.

Sincerely,
Scott C. Coleman, P.E., P.S.
Logan County Engineer

The Condition of Our Highway System

We have experienced a heavy winter season as far as snow and ice control costs, totaling \$637,547.43 for the 2024-2025 season. Temperatures have been very cold at times and for extended periods this season. We still encourage our residents and neighbors to try to reduce loads or delay hauling operations during the wettest weeks of the year (generally March through May). Additionally, we ask that local industry and trucking companies utilize proper haul routes when travelling through the county. Overall, our county roads are showing minimal signs of damage through this winter.

In 2025, we plan to resurface 24.6 miles of roads, chip-seal and fog seal approximately 27 miles. We also plan to fog seal 35.6 miles for townships. In order to preserve our new pavements as long as possible, we must seal them as soon as we can after resurfacing. This year we will again be able to seal the new resurfacing within weeks after the roads are paved. Results over the past few years indicate that this process has been very cost effective and improves pavement performance. This year we will continue to work with the asphalt supplier to develop a low volume traffic mix design to provide a longer lasting and more resilient pavement. We have completed the surface course of paving on all county roads and will continue building thickness and strength with this year's resurfacing program. From 2003 through 2005, we placed only the intermediate course of pavement on many of the roads that were resurfaced. This process allowed us to repair more miles of very poor pavements each year than we could have if we had applied both courses at the same time. Since 2001 (inclusive), we have repaved over 607 centerline miles on the county highway system. We will also continue our crack sealing program to extend the service life of the roads in the county.

We continue to make strides with our bridge program. We are continuing to upgrade our overall bridge conditions with the replacement of 1 bridge, milling, waterproofing and repaving 2 bridges, and general maintenance on several bridges. We have 2 bridges with weight restrictions affecting school buses. The historic iron truss (bridge 21B-0.05) over the Great Miami River is closed to traffic, but it has been bypassed by the new two-lane Chester R. Kurtz Bridge. We have been awarded federal funding for the rehabilitation of this historic bridge and plan for construction this year.

There are 23 bridges with posted load restrictions. Three of these are posted only for emergency vehicles (EV) which include overweight fire tankers and ladder trucks. Thirteen bridges are rated a 5 or less and many of the older structures continue to deteriorate as we replace others. Since 2001 (inclusive), we have replaced or performed rehabilitation on 136 structures. Bridge material costs have increased significantly over the last several years. In 2001, we were estimating replacement costs at \$48.00 per square foot of deck area, now we must use at least \$200 per square foot for estimating our bridge program.

Since the force account limits for projects that we can construct with our own staff were increased in 2003, construction material costs have increased between 44 and 220 percent. The State Legislature has approved increasing the force account limits to \$233,000 per bridge and \$70,000 per mile of road with an annual inflation factor. This allows us to continue improving our highway infrastructure in the most economical way possible by utilizing an appropriate combination of contract work and highway staff.

Petition Ditch Maintenance

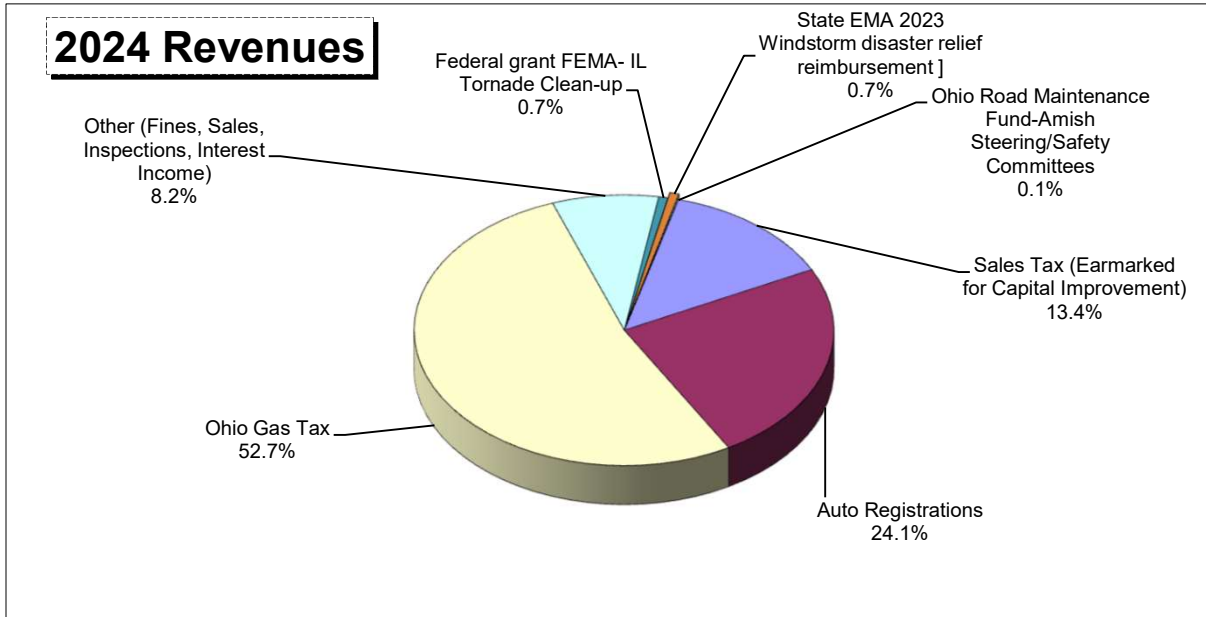
The ditch department maintains 47 maintenance ditches. These ditches consist of 38 miles of open ditches, 21 miles of tile and 12.5 miles of grassed waterways, totaling 71.5 miles of maintained ditches

In 2024, some level of maintenance was performed on every ditch. General maintenance includes mowing, spraying, center dipping for improved flow, crossing repairs, bank slip repairs, erosion control, tile repairs, and removal of log jams.

In 2024, we spent \$67,046.13 in maintenance, placed 200 tons of recycled concrete, replaced 68 feet of tile, applied 1,080.75 gallons of liquid herbicide, and 387.5 pounds of dry herbicide.

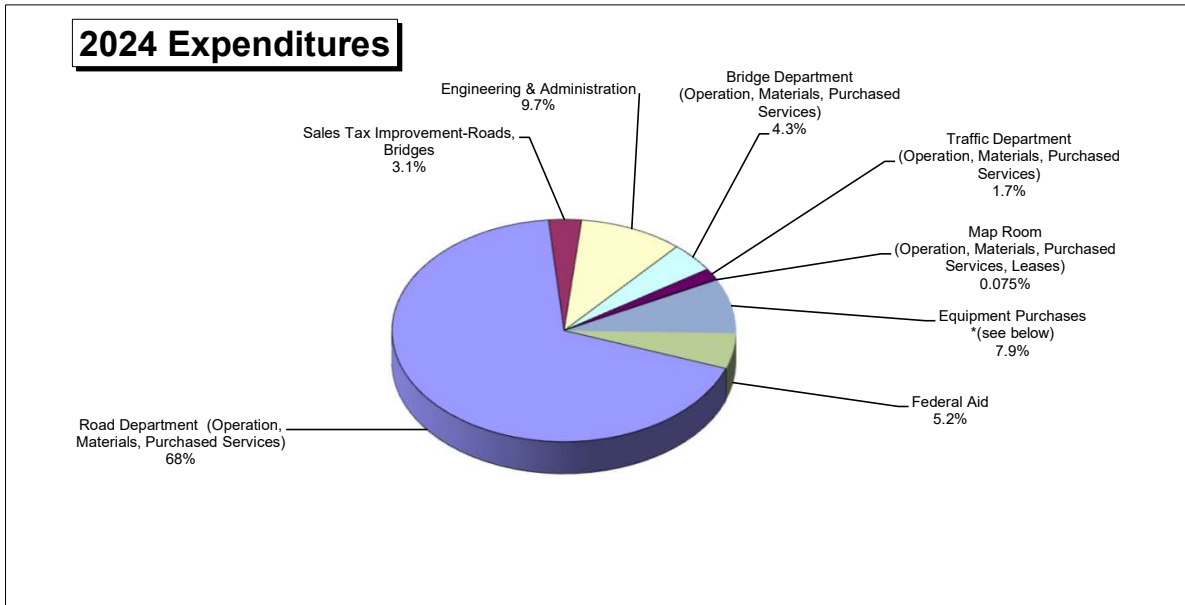
2024 Revenues		
Sales Tax (Earmarked for Capital Improvement) County Only	13.4%	\$ 986,656.66
Auto Registrations	24.1%	\$ 1,769,656.77
Ohio Gas Tax	52.7%	\$ 3,871,744.51
Other (Fines, Sales, Inspections, Interest Income)	8.2%	\$ 600,668.35
Federal grant FEMA- IL Tornado cleanup	0.7%	\$ 51,402.84
State EMA 2023 windstorm disaster relief reimbursement	0.7%	\$ 52,799.97
Ohio Road Maintenance Fund - Voluntary Contribution Amish Steering & Amish Safety Committees	0.1%	\$ 8,430.00
Total		\$ 7,341,359.10

*Federal Funds Revenue does not include direct pay to contractors which totaled \$ 1,930,285.23



2024 Sales Tax	
County Carryover from 2023	\$ 1,063,745.65
Township Carryover from 2023	\$ 1,504,641.21
Income - County 2024	\$ 986,656.66
Income - Township 2024	\$ 789,325.38
Expenditures	
County ST Resurfacing 2024	\$ -
County ST Rejuvenating Sealer	\$ 202,256.72
CR 18 Profile Improvement	\$ 9,585.85
B209-0.18 reinforcing steel	\$ 6,560.37
Township ST Resurfacing 2024	\$ 378,643.80
Township Chip-Seal Contract 2023	\$ 378,192.10
TR 251 road widening	\$ 8,991.63
2024 County Carryover	\$ 1,209,149.28
2024 Township Carryover	\$ 1,087,243.50
Total Carryover	\$ 2,296,392.78

2024 Expenditures		
Road Department (Operation, Materials, Purchased Services)	68.0%	\$4,824,907.52
Sales Tax Improvement-Roads, Bridges County Only	3.1%	\$218,402.94
Engineering & Administration	9.7%	\$691,057.33
Bridge Department (Operation, Materials, Purchased Services)	4.3%	\$305,628.14
Traffic Department (Operation, Materials, Purchased Services)	1.7%	\$119,188.01
Map Room (Operation, Materials, Purchased Services, Leases)	0.075%	\$2,464.77
Equipment Purchases* (see below)	7.9%	\$561,720.96
Capital Improvements	0.025%	\$804.00
Federal Aid	5.2%	\$367,547.99
Total		\$7,091,721.66



*Major Equipment Purchased in 2024	
2015 John Deere 550K Dozer	\$79,500.00
New PBX	\$1,129.00
Plow Truck Upfit	\$76,900.00
2025 Ford F-550	\$59,300.00
Sign / Traffic Truck Upfit	\$25,600.00
Lowboy Trailer	\$64,140.00
Bridge Truck Compressor	\$9,895.37
Radar for Sheriff's Department	\$6,312.00
Field Cultivator	\$501.95
Flat Bed	\$4,827.00
Digging Shovels	\$988.79
Shovels	\$685.39
Tool Cart	\$499.00
Jack	\$839.41
Snow Plow X2	\$32,600.00
Chains	\$2,925.00
Rotary Mower	\$80,000.00
Freightliner	\$111,111.00
Software	\$2,140.00
Computer	\$1,827.05
Total	\$561,720.96

2024 ROAD PROGRAM

The Highway DEpartment is responsible for some Force Account projects (non-contract work performed by County Engineer employees), snow and ice control, berm repair, pavement patching, washout repairs, guardrail repair, mowing, and other general/seasonal maintenance of county roads and bridges. This department also works closely with the townships on various maintenance needs on their road systems. The Highway Department was extremely busy in 2024, working ahead for the 2025 road program in addition to their normal maintenance duties. The costs listed include labor (based on hourly wages of workers and all benefits), amortized equipment, and materials (asphalt and berming stone).

Review of Miscellaneous 2024 Expenses				
	Labor	Amortized Equipment	Materials and Contractor Work	Total
Mowing	\$ 113,355.54	\$ 131,547.47	\$ -	\$ 244,903.01
Roadside Spraying	\$ 14,368.01	\$ 4,919.59	\$ 18,927.70	\$ 38,215.30
Durapatching	\$ 19,109.03	\$ 13,365.22	\$ 10,825.34	\$ 43,299.59
Crack Sealing	\$ 66,939.97	\$ 7,461.99	\$ 77,867.28	\$ 152,269.24
Tree & Brush Removal	\$ 64,039.47	\$ 37,596.97	\$ 126.15	\$ 101,762.59
Culvert Repair & Replacement (not related to resurfacing)	\$ 24,364.77	\$ 17,573.70	\$ 11,613.07	\$ 53,551.54
Sign Repair	\$ 30,514.92	\$ 22,834.70	\$ 20,518.77	\$ 73,868.39
Sign Repair (Vandalism)	\$ 2,686.61	\$ 1,560.71	\$ 2,179.09	\$ 6,426.41
Snow and Ice Control	\$ 62,762.62	\$ 54,918.39	\$ 163,345.68	\$ 281,026.69

2024 County Paving Program Completed			
ROAD #	Begins	Ends	Total Cost
11	TR 43 E	CR 31 S & TR 31 N	\$ 366,265.05
44	CR 15	TR 160	\$ 240,776.41
15	CR 44	SR 287 & CR 41	\$ 97,125.90
152	CR 153 Middleburg	SR 347	\$ 264,229.83
10	SR 292 resume	Logan-Union Co Line	\$ 360,749.77
121	SR 292 & CR 40 Ridgeway	Logan-Union Co Line	\$ 331,661.16
139	Logan-Union Co Line	Logan-Hardin Co Line	\$ 46,208.32
Temp. Pavement Marking & Centerline Stripe			\$ 4,236.00
Grand Total			\$ 1,711,252.44
2024 County Paving Program Completed Federal Aid			
ROAD #	Begins	Ends	Total Cost
9	SR 47	SR 274	\$ 935,186.45
10	Organ Ave Bellefontaine	CR 5 Zanesfield	\$ 610,969.25
11	East Bridge Abutment	CR 43 E	\$ 278,538.27
Temp. Pavement Marking & Centerline Stripe			\$ 13,046.00
Grand Total			\$ 1,837,739.97

2024 County Chip and Seal Program Completed

Road	Begins	Ends	Labor	Equipment	Materials	Total
1	SR 254 & SR 287	CR 47	\$ 12,424.84	\$ 9,195.38	\$ 87,364.52	\$ 108,984.74
1	CR 47	CR 5				
1	CR 5	TR 30				
1	TR 30	TR 190				
1	TR 190	TR 55				
1	TR 55	TR 199				
1	TR 199	CR 29				
1	CR 29	Dorothy Lane Rt.				
1	Dorothy Lane Rt.	TR 181 E				
1	TR 181 E	Belle. City Corp.				
24	N. Corp. Line DeGraff	TR 43 E	\$ 10,917.25	\$ 8,737.37	\$ 79,940.82	\$ 99,595.44
24	TR 43 E	SR 47 Logansville				
24	SR 47 Logansville	CR 21 W / TR 21 E				
24	CR 21 W / TR 21 E	TR 207 E				
24	TR 207 E	TR 207 W				
24	TR 207 W	SR 235				
27	SR 235	TR 207	\$ 3,190.98	\$ 2,305.09	\$ 11,485.54	\$ 16,981.61
27	TR 207	SR 235				
27	SR 235	TR 207				
27	TR 207	SR 235				
43	CR 11	TR 33 Pleasant Twp / Union Twp	\$ 8,403.74	\$ 6,035.58	\$ 86,467.78	\$ 100,907.10
43	TR 33 Pleasant Twp / Union Twp	CR 31				
43	CR 31	TR 46 N				
43	TR 46 N	TR 201 N				
43	TR 201 N	TR 201 S				
43	TR 201 S	TR 198				
43	TR 198	CR 18	\$ 2,800.82	\$ 2,215.95	\$ 15,641.60	\$ 20,658.37
90	CR 88	TR 89				
90	TR 89	Auglaize Co Line	\$ 12,725.15	\$ 9,811.86	\$ 86,826.52	\$ 109,363.53
91	CR 54 Lewistown	TR 33 S				
91	TR 33 S	TR 31 S				
91	TR 31 S	TR 31 N				
91	TR 31 N	TR 46 N				
91	TR 46 N	TR 46 S				
91	TR 46 S	Penn Central RR	\$ 8,128.39	\$ 4,718.10	\$ 40,562.54	\$ 53,409.03
91	Penn Cnetral RR	CR 130 End				
105	CR 39 New Richland	CR 49	\$ 3,529.03	\$ 2,721.78	\$ 15,711.40	\$ 21,962.21
105	CR 49	Entrance to Northwood Stone				
105	Entrance to Northstone	CR 106 Northwood	\$ 2,462.31	\$ 1,913.45	\$ 17,769.62	\$ 22,145.38
113	CR 101 & CR 111	SR 638 Enter				
113	SR 638 Leave	US 68	\$ 2,103.50	\$ 1,417.25	\$ 6,641.32	\$ 10,162.07
202	Logan-Champaign Co. Line	SR 508				
225	Shelby-Logan Co. Line	CR 23	\$ 1,116.42	\$ 758.07	\$ 6,914.18	\$ 8,788.67
255	SR 235	SR 235				
10	61' E of CR 55 Centerline	1750' W US 33 BR	\$ 10,346.77	\$ 6,743.27	\$ 31,646.39	\$ 48,736.43
10	1500' E of US 33	765' W Zanesfield Corp.				
53	SR 274	CR 52 End	\$ 740.32	\$ 591.12	\$ 8,670.10	\$ 10,001.54
278	Restroom on S side Lake Ave	Intersection in front of Harding Gate				
278	Horse Barn N end of track	Restroom on S side Lake Ave				\$ -
Total Chip & Seal Program			\$ 82,240.72	\$ 59,970.08	\$ 524,701.89	\$ 666,912.69
Total Fog Seal Program			\$ 19,113.53	\$ 6,289.11	\$ 57,752.40	\$ 83,155.04

2025 TENTATIVE ROAD PROGRAM

We have reviewed each road on the program for needed culvert replacements, bridge replacements and/or repairs, drainage problems, etc. As of March 1, 2025, the proposed resurfacing and chip-seal programs for the County are as follows:

2025 Proposed County Sales Tax Resurfacing Program					
Road #	Begins	Ends	Road #	Begins	Ends
31	Logan-Champaign Co Line	SR 508	23	CR 74 E	SR 47
31	SR 508	TR 30 Suspend	23	SR 47	DT & I RR
31	CR 31 S	CR 31 N	23	DT & I RR	TR 76 E
31	TR 30 Resume	TR 45	23	TR 76 E	TR 78 W
31	TR 45	CR 43	23	TR 78 W	TR 78 E
31	CR 43	CR 11	23	TR 78 E	CR 58 Suspend
112	CR 113	CR 111 & TR 111 E	11	CR 31 S & TR 31 N	TR 46
259	CR 97 New Richland	CR 39 New Richland	11	TR 46	TR 201 S
142	CSX RR	S side of Bridge	11	TR 201 S	TR 198 S
50	CR 12	CR 12 N	11	TR 198 S	TR 204 S
			11	TR 204 S	TR 32
2025 Proposed County OPWC Resurfacing Program					
Road #	Begins	Ends	Road #	Begins	Ends
5	CR 25	CR 2	39	TR 100 W McArthur & Richland Line	CR 105 E
5	CR 2	SR 540	39	CR 105 E	CR 97 New Richland
117	SR 292	CR 142 S	39	CR 97 New Richland	CR 259 New Richland
117	CR 142 S	TR 138 N	39	CR 259 New Richland	CR 49 S & TR 49 N
117	TR 138 N	TR 138 S	39	CR 49 S & TR 49 N	TR 51 S
117	TR 138 S	Union Co Line	39	TR 51 S	S Corp Line Belle Center

Note: Some sections of roads may be non-performed in order to stay within budget.

2025 PROPOSED COUNTY CHIP SEAL PROGRAM					
Road #	Begins	Ends	Road #	Begins	Ends
58	Logan-Shelby Co Line	CR 23 S & TR 23 N	65	Logan-Champaign Co Line	TR 295 E
58	CR 23 S & TR 23 N	CR 34	65	TR 295 E	TR 295 W
58	CR 34	TR 35 N	65	TR 295 W	SR 508 S Corp DeGraff
58	TR 35 N	CR 21	66	Logan-Champaign Co Line	TR 295 E
58	CR 21	TR 207	66	TR 295 E	TR 71 E
59	Logan-Shelby Co Line	TR 23 S	66	TR 71 E	East Corp Line Quincy
59	TR 23 S	TR 23 N	66	East Corp Line Quincy	SR 235
59	TR 23 N	TR 34 N	96	CR 38 S & TR 38 N	SR 117
59	TR 34 N	CR 34 S	142	CSX RR	South side of Bridge
59	CR 34 S	CR 35 N	153	Zanesfield Corp Line	CR 28 S & SR 292
59	CR 35 N	TR 35 S	153	CR 28 S & SR 292	US 33
59	TR 35 S	TR 53 N	153	US 33	TR 147 S
59	TR 53 N	CR 21	153	TR 147 S	TR 145 N
60	Logan-Shelby Co Line	TR 23	153	TR 145 N	CR 146 S
60	TR 23	TR 34 S	153	CR 146 S	CR 144 N
60	TR 34 S	CR 35	153	CR 144 N	TR 243 S
60	CR 35	TR 53 N	153	TR 243 S	TR 29 S
60	TR 53 N	TR 53 S	153	TR 29 S	CR 152 / Urbana St
60	TR 53 S	CR 21 Bloom Center	153	CR 152 / Urbana	SR 287
60	CR 21 Bloom Center	TR 79 S	278	Entire Outer Loop around Fairgrounds	Entire Outer Loop around Fairgrounds
60	TR 79 S	CR 54 End	279	CR 278	Lake Ave
77	CR 34	TR 35	280	CR 278	CR 278
77	TR 35	CR 21			

Note: Some sections of roads may be non-performed in order to stay within budget.

2024 BRIDGE PROGRAM

The Bridge Crew had another busy and successful year that included performing multiple repair and maintenance items and replacing one bridge.

The Bridge Crew also cleaned and performed maintenance on over 200 bridges and replaced several culverts. Here are the significant projects that were completed in 2024:

Township Road BR 209-0.18 (Pleasant Twp.): Replacement
County Road BR 32-7.60 (Harrison Twp.): Rehabilitation & mill, waterproof & repave
Township Road BR 256-0.43 (Miami Twp.): Mill, waterproof & repave
County Road BR 13-0.74 (Bloomfield Twp.): Mill, waterproof & repave
County Road CUL 10-1.86 (Jefferson Twp.): Pipe repair with reinforced concrete roll
County Road CUL 10-2.06 (Jefferson Twp.): Pipe repair with reinforced concrete roll
Township Road CUL 152-1.15 (Zane Twp.): Pipe repair with reinforced concrete roll

2025 TENTATIVE BRIDGE PROGRAM

The 2025 Bridge Program continues the commitment of prioritizing bridge replacements and rehabilitation based on the condition of the structures. The County infrastructure will continue to be re-evaluated periodically and changes to this program are likely to occur in order to achieve our dedication to repair or replace the structures and highways in the worst condition first.

As of March 14, 2025, the proposed Bridge Program is as follows:

Township Road BR 30-0.80 (Miami Twp.): Replacement
County Road BR 87-1.50 (Stokes Twp.): Steel beam rehabilitation
County Road BR 54-6.17 (Washington Twp.): Abutment rehabilitation
Township Road BR 45-1.01 (Miami Twp.): Protective coating for steel beams
Township Road BR 258-0.06 (Zane Twp.): Protective coating for steel beams
Township Road BR 178-0.46 (Monroe Twp.): Protective coating for steel beams
County Road BR 1-5.54 (Lake Twp.): Scour countermeasures
County Road BR 158-1.26 (Zane Twp.): Pier rehabilitation
County Road BR 13-7.20 (Harrison Twp.): Scour countermeasures and abutment repair

ADMINISTRATIVE STAFF SUPPORT

This department manages the overall office functions and budget of the Engineer's Office. Since the cost for construction, materials, and equipment are increasing faster than local revenues, the utilization of alternate funding sources is critical to the office. As such, the department administers the Ohio Public Works Commission's State Capital Improvement Program (SCIP) and the Local Transportation Improvement Program (LTIP) for Logan County. The allocation and accounting of these annual funding sources are a significant function of the Engineer's Office.

Other responsibilities of the administrative and support staff are human resources, payroll, purchasing requisitions, billing, word processing, contract administration and cost-tracking. Utilizing our cost-tracking system, all of the costs for the Engineer's Office are logged including the costs for surveying, engineering, administration, road work and construction of bridges. Equipment costs are amortized, while the labor costs include all fringes and benefits. In addition to all of the aforementioned accounting functions, this department also handles daily calls from the public and addresses the questions/problems directly or forwards them to the appropriate person.

DESIGN/ENGINEERING/SURVEYING

This department performs the engineering design for approximately 95% of the construction projects and directs specialized consultants for the engineering design of the remaining projects. Most of the staff design is done with a Computer Aided Design and Drafting (CADD) system. This department also oversees much of the administrative responsibilities. The Survey Department throughout the year completes surveys, boundary descriptions, right-of-way staking and construction layout.

TRAFFIC/DITCH DEPARTMENTS

The Traffic Department is responsible for the maintenance of all road signs on county roads and bridge signs on township roads. Road signs now number 7,285. The maintenance of these signs includes installation, preservation and inspection. As part of the inspection process, we look for reflectivity, wind damage, vandalism and overall visibility. Repairing mailboxes damaged during snow removal operations is another part of the Traffic Department's responsibilities along with signing for road closure detours. The Routemarkers' main duty is to keep traffic moving safely and to keep the traveling public informed. The Ditch Department maintains 38.00 miles of open ditch, 21 miles of tile and 12.5 miles of waterway.

MAP ROOM DUTIES

The Map Room maintains the County tax maps along with the correlated Parcel GIS data. Recently recorded property splits and surveys are drawn on the County web map based upon the surveys of record. Tax Parcel number combinations, new addresses and survey links are also included in the weekly web updates.

Additionally, the staff review & approves all new surveys in the County for accuracy & compliance with the County Conveyance Standards along with subdivision plats, condominiums, annexations, highway easements and street & alley vacations. The legal descriptions & parcel numbers are checked on every new deed and other instruments of conveyance prior to recording. Further more the Map Room spends each day answering an array of questions, providing specific property information & reproducing maps as requested.

In 2024, the Map Room staff checked legal descriptions on 2,605 real estate documents. There were 1,832 deeds, 624 Affidavits, 71 Certificates of Transfer, 58 easements 19 land contracts and 1 Resolution. Additionally, 4 Subdivision plats, 1 annexation plat, 1 condominium plat and Declaration were filed & recorded. New property splits totaled 174 for the year with 55 new surveys descriptions recorded along with 45 new deeds combining properties into one Tax Parcel Number.

The County web map can be found on the Auditor's website at <http://realestate.logancountyohio.gov> by clicking the Map tab on the top of the page.

The other records of the Map Room can be found on the Logan County Engineer's Office website at: www.lceo.us

Further assistance can be provided by calling 937-599-7230 or by email maproom@logancountyohio.gov

The Office of the Logan County Engineer

1991 CR 13, P.O. Box 427
 Bellefontaine, OH 43311
 Phone (937) 592-2791
 Fax (937) 599-2658
 Web Site: www.lceo.us
 Facebook.com/LoganCountyEngineer

EXECUTIVE SUMMARY

368.057 Miles of County Road
 As of 12/31/2024

Responsible for inspecting **293 Bridges**
 Responsible for maintaining **287 Bridges**
 23 Have Load Reductions Posted
 3 of these are posted solely for Emergency Vehicles
 38 Have a Sufficiency Rating Less Than 50%

7,285 Traffic Signs

1,865 Culverts
 Excellent/Good Condition - 1,722
 Fair/Poor/Unknown Condition - 143

MOTOR VEHICLE REGISTRATIONS

Vehicle registration fees are a significant source of revenue for the Engineer's Office.

2024 Logan County, Ohio Motor Vehicles Registrations		2023	2022
Type of Registration	# of Units	# of Units	# of Units
Passenger Cars	36,321	36,095	36,394
Motor Homes	335	344	323
Motorcycles	2,998	2,925	3,011
House Vehicles	1,425	1,308	1,328
Mopeds	27	22	12
Unconventional Vehicles	1,580	1,409	1,356
Non-Commercial Trailers	7,418	7,056	6,837
Non-Commercial Trucks	12,159	11,946	11,910
Farm Truck	366	371	362
Buses	33	36	39
Commercial Trailers	2,505	2,850	2,686
Non IRP Trucks (Intl. Reg. Plan)	2,155	2,087	2,051
IRP Trucks (Intl. Reg. Plan)	264	358	237
Total Vehicle Registrations	67,586	66,807	66,546

SOURCE: State of Ohio, Bureau of Motor Vehicles