

**Monroe County Engineer
Amy M. Zwick, P.S., P.E.
Annual Report for 2025**

January 28, 2026

Per the Ohio Revised Code, Section 5543.02, I am providing an annual report for the review and record of the Monroe County Commissioners. This report will provide a summary of the activities during the calendar year on County-owned roads, bridges and other infrastructure.

The County Engineers office is responsible for the maintenance and upkeep of **361.94 miles¹** of County Roads, including all drainage, culverts, signs, mowing, guardrail, snow/ice treatment and embankment stability. The Engineer's office is also responsible for all bridges on County Roads, and bridges on Township Roads. The current number is **179 bridges** on the County Engineers inventory.

The County Engineers budget is financed through a gasoline tax and a vehicle registration tax, as well as minor income from permit fees and sales/services. For several years, this financing has been extremely lacking, limiting the Engineers office's ability to maintain roads and bridges at a safe and good condition. Whenever possible, Federal grant money and Ohio Public Works funds have been applied for, to replace those lacking funds. In more recent years, Oil & Gas industry has moved into Monroe County and the Operators have contributed significantly to the upgrade/improvements of the County's infrastructure. In 2020 and continuing through 2024, Oil & Gas activity took a major downturn in Monroe County, which is reflected in the decrease in permits, RUMAs, and road upgrades/improvements.

In a continued effort to generate additional income and close the gap in the Engineers needed funds, the option of enacting additional permissive vehicle registrations has been discussed multiple times. The Commissioners held the two required public hearings in April 2019. Based on public input, the motion was made against enacting any additional permissive taxes at this time. This topic was revisited in discussions between Commissioners and Engineers offices since 2019, but has not been pursued any further.

Thanks to the efforts of many individuals across Ohio, in mid-2019 the State approved an increase in the rate and modification of the distribution of revenue from motor fuel excise taxes (fuel tax). This increase took effect July 1, 2019. Projected data for 2020 indicated that each County Engineer would receive an additional \$1 to \$1.5 million. Unfortunately, with the COVID-19 pandemic occurrence, the impact of the fuel tax increase was offset by the sudden decrease in fuel consumption. The long-term effect of COVID-19 on remote-working is anticipated to reduce the fuel consumption permanently, with an estimate of 25% reduction in fuel excise tax income for County Engineers.

While the County Engineers office continues to stretch each dollar as far as we can, by applying for as many grants as we can afford to match, performing work in-house when cost-effective, and working with Oil & Gas operators to cost-share on projects, the funds required to maintain "status-quo" are still not able to be met solely on the Engineers budget alone. Future plans of additional funding sources will need to be seriously considered, in order to prevent our county infrastructures deterioration.

Please continue to the following pages for more detailed information on the projects and activities of the Engineers Office in 2025.

¹ Due to the LBRS Incorporation of Monroe County in February 2023, a bulk milage update was made to the County inventory mileage. A total of -9.860 miles was removed based on more recent measurement tools.

COUNTY PERMIT SUMMARY

Special haul permits

Special Haul Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	203	143	236	282	340
Total permit fees received	22500	\$18,500.00	\$24,650.00	\$32,425.00	\$33,775.00
Total fees paid to consultants	0	\$0.00	\$0.00	\$0.00	\$0.00
Total bridges analyzed (at least once)	0	4	7	1	9
Total bridges analyzed that were not passable	0	0	2	0	2

Right of Way Work permits

Right-of-Way work Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	116	128	95	106	109
Total permit fees received by County	\$3,500.00	\$4,550.00	\$3,490.00	\$3,580.00	\$3,830.00
Total permit fees paid to Townships	\$425.00	\$1,400.00	\$100.00	\$550.00	\$500.00

COUNTY EQUIPMENT PURCHASES/SALES

Since the onset of the COVID-19 pandemic, trucks and equipment purchases have been delayed and/or there are significant backlogs in production. The new trend that seems to be forming is to order a truck or new equipment, then wait more than 12 months for delivery. In some cases, the number of orders being taken per year is limited, and the option to order is not even possible. Below is a summary of equipment purchases made in recent years, with notes where equipment funds were encumbered in one year, but the equipment was not received until the following year or after:

Equipment	2025	2024	2023	2022	2021	2020	2019
2020 f450 Regualr Cab Truck x 1							\$40,136.00
2021 International HV507 Dump w/ Plows x 2						\$296,728.46	
2018 Case 621G Wheel Loader						\$139,750.00	
2016 Gradall D152						\$149,900.00	
2019 Bomag Roller						\$99,900.00	
2018 Bomag Roller					\$47,500.00		
2018 Felling Tilt Trailer (Used)					\$4,605.13		
2022 F250 Regualr Cab Truck					\$35,712.00		
John Deere 6110M Tractor x 2				Received	\$159,534.72		
Alamo 22' Samurai Boom Mower x 2				Received	\$107,254.40		
2022 F250 Regular Cab Truck			Received	\$37,175.00			
2022 F250 Regular Cab Truck			Received	\$45,420.00			
2023 F450 Regular Cab, Dump Bed & Plow			\$103,688.00	Ordered			
2023 International HV507 Dump Truck x 2	delivered 9/2/25	\$377,797.32	Pending	Ordered			
2024 Kobelco SK85CS		\$133,688.50					
Kent FRD F9 Hammer		\$20,080.00					
2023 Ford F-250 Pick up	\$49,755.00						
2025 John Deere 210P	\$258,900.00						
Total	\$308,655.00	\$531,565.82	\$103,688.00	\$82,595.00	\$354,606.25	\$686,278.46	\$40,136.00
*Anticipated receipt in 2023 - not received. Funds carried over to 2025							

As vehicles and equipment age through use, or normal course of technology improvements, they reach a point where they become obsolete, unfit or unneeded for public use. At this point the Engineers Office requests approval from the Commissioners to dispose of these pieces of equipment, either through sale or proper method of disposal. No equipment was sold or disposed of in 2025.

TAX MAP SUMMARY

The Monroe County Tax Map office is maintained through a combined effort of the County Engineer and County Auditor. Two employees work diligently to not only maintain the basic functions of the tax map office, but also to improve and add on to property information, as they are able. One of the many functions that the Tax Map office handles, is the transfer of parcels. Below is a summary of those parcels transferred each year.

Tax Map Summary	2025
Parcels transferred (at least once)	946

The tax map office was also able to redraft over 2100 parcels to match their deeds/surveys and integrate the County GIS Enterprise deployment with the County Auditor's new Vision system.

PERSONNEL ACTIVITY

Retirements

Janine Reagan, Confidential Secretary, retired April 30, 2025 with 34 years of service to the County

Promotions

John Hupp, promoted to Equipment Operator, April 27, 2025

Jacob Nalley, promoted to Equipment Operator, April 28, 2025

Shane Bondy, promoted to Truck Driver, May 11, 2025

Shawn Ferrell, promoted to Road Foreman, October 13, 2025

Kasen Kinzy, promoted to Truck Driver, November 24, 2025

Shane Bondy, promoted to Equipment Operator, December 21, 2025

New Hires/Transfers

Tim Childress, Laborer in Bargaining Unit, hired September 2, 2025

Tanner Kurtz, Laborer in Bargaining Unit, hired October 6, 2025

Brody Carpenter, Laborer in Bargaining Unit, hired November 3, 2025

Fred Anderson, Laborer in Bargaining Unit, hired November 17, 2025

Resignations/Terminations

John Williams, Road Foreman, resigned June 12, 2025

Taylor Kinzy, Laborer in Bargaining Unit, resigned September 5, 2025

Fred Anderson, Laborer in Bargaining Unit, resigned November 26, 2025

John Hupp, Equipment Operator in Bargaining Unit, resigned November 28, 2025

Tim Mahoney, Truck Driver in Bargaining Unit, resigned December 14, 2025

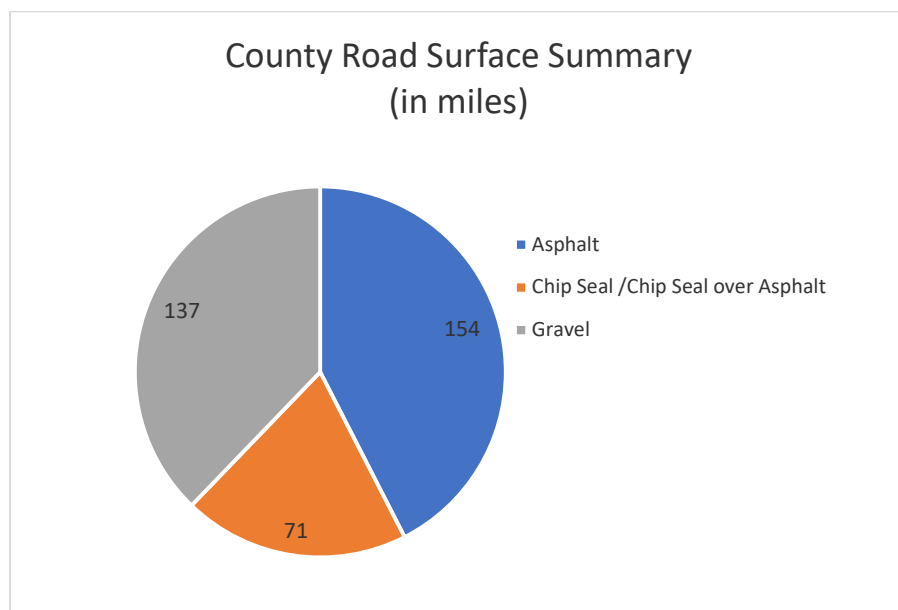
Seasonal Hires

The Engineers Office typically hires seasonal (summer) employees to assist with the increased work load that generally occurs during the summer months. For the 2025 summer season, five seasonal employees were hired to work various timeframes between May and September. These seasonal workers greatly increase our ability to form multiple work crews and complete several more projects than in the off-season. The total cost for all seasonal employees for 2025 was \$12,860.30 (1189 hours).

ROAD & BRIDGE INVENTORY

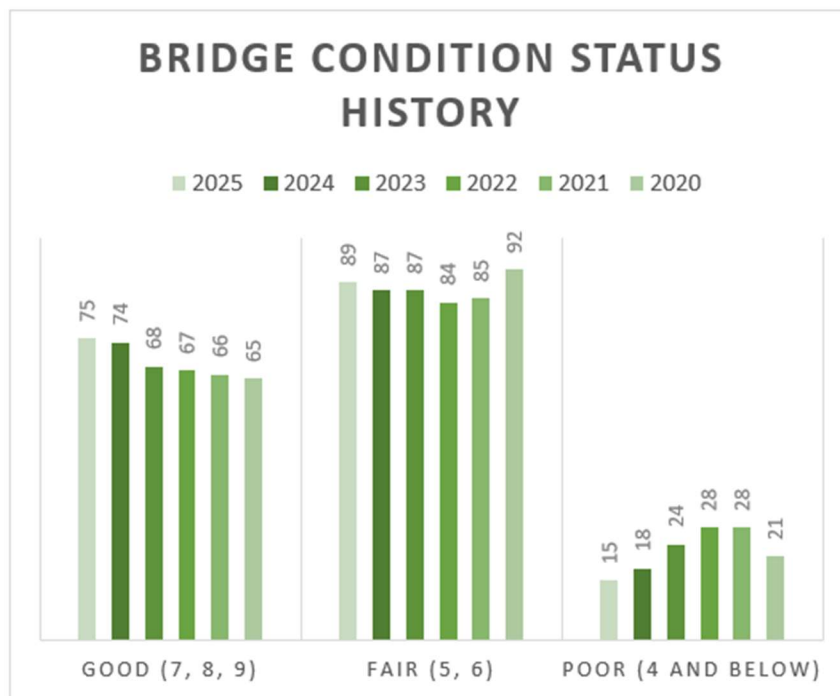
Monroe County roads are composed of a combination of three types of road surfaces: Asphalt, Chip Seal and Gravel. In recent years, Oil & Gas operators have upgraded several miles of County roads that were previously gravel or chip seal, to asphalt. However, the County Engineers budget does not provide enough to maintain the increased asphalt surfaces, nor to upgrade chip seal or gravel surfaces to asphalt. The trend is now to chip seal over asphalt roads for preservation purposes and return once-hard surface roads to gravel, if the traffic volume is low enough to warrant. You may also note the change in total road mileage from 2023 to 2024. Please refer to Page 2 of this report for an explanation regarding that change.

Road Surface Type	Miles (2017)	% in 2017	Miles (2025)	% in 2025
Asphalt	160	43.17%	154	42.48%
Chip Seal /Chip Seal over Asphalt	55	14.71%	71	19.72%
Gravel	156	42.12%	137	37.80%
Total	371		362	



All bridges on the County inventory are inspected at least annually and rated on a scale from 1-9, with “9” being new or like new condition. Below is a summary of the rating conditions from 2025 for all bridges on the County inventory.

	2025	2024	2023	2022	2021	2020	
Bridge Inventory Condition Status	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	2025%
Good (7, 8, 9)	75	74	68	67	66	65	41.90%
Fair (5, 6)	89	87	87	84	85	92	49.72%
Poor (4 and below)	15	18	24	28	28	21	8.38%
Total	179	179	179	179	179	178	100.00%



When a bridge is unable to support the required Ohio Legal Loadings, it is load-posted with signage to indicate to the traveling public what weights are allowed to cross the structure safely. Below is a summary of the posted bridges over the past years.

Load Posted Bridges	2025	2024	2023	2022	2021	2020	2019
Number of Posted Bridge	31	34	34	35	34	31	32
% of Total	17.32%	18.99%	18.99%	19.55%	18.99%	17.42%	17.98%

FUNDED PROJECTS SUMMARY – COMPLETED & ACTIVE

Each year the County Engineers office applies for several types of funding, which have specific targets or qualifications that determine what roads, bridges, etc. the funding can be used on. Nearly every funding source also requires local participation through funding match or in-house contributions of labor, equipment and/or materials. Below is a summary of the projects either completed or on-going in 2025, with funding sources associated. Rows that are shaded are complete and the rows with white background are on-going. More details on each project will be included in the following sections of this report.

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)
Bridge	MOE-T0183-00.50 (Combined with TR183-0.13)	100% Design/Construction	\$1,144,599.05
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00
Bridge Load Rating	LBR Load Rating FY25	80% LBR, 20% Local, max \$9679	\$12,696.00
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Office of Jobs and Commerce \$50,000 max	\$1,550,000.00
Sign	Sign Upgrade project - Various signs	80%, max \$9600, County must pay for installation	\$13,159.93
Slip Repair	CR26-6.78 Slip Repair Design	TID \$90,000 MAX	\$63,780.00
Slip Repair	CR81-2.00	OPWC 90%, Local 10%	\$136,055.95
Slip Repairs/Flood Damage (2019)	County-wide FEMA disaster 4424	FEMA 75%, State 25%	\$17,954,785.60
Slip/Flood Damage (January 2023)	County-wide State disaster (January)	EMA 75%, Local 25%	\$1,147,050.52
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00

Infrastructure Improvements, Repairs & Maintenance

The County Engineers Office manages several types of projects each year in order to maintain, and improve our County's Roads and Bridge system. Routine project types are:

- (1) Slip Repairs
- (2) Culvert Repairs & Maintenance
- (3) Road Repairs & Maintenance
- (4) Bridge Repairs & Maintenance

These infrastructure improvements, repairs and maintenance are achieved through a number of methods:

- (1) In-house/Force Account – County employees, equipment and material are used
- (2) Contracted out – County awards project(s) to contractor(s). Typically, this is done when the County forces are unable to perform the work needed.
- (3) Outside entity contract – An entity other than the County contracts work to be done on County-owned infrastructure through a Road Use agreement or permit. Typically, this will be done by an Oil & Gas Operator.
- (4) Funded - Funding authority awards project(s) to contractor(s). This can include funds that the County applied for, or funds that were made available due to a weather event, such as flooding.

In the following several sections, summaries and information will be provided on the many different types of projects completed this year.

SLIP REPAIRS

Slip Repairs In-House/Force-Account

All Force Account slip repairs completed in 2025, were funded through Ohio EMA and are included in the lists in the following EMA sections.

Slip Repairs Contracted

All Contracted Slip repairs completed in 2025 were through funding sources listed in the sections below and were funded as noted.

Slip Repairs OPWC Funded

CR81-2.00 - The County Engineers office prepared the design plans for a Drilled Shaft H-Piling retaining wall. Construction was awarded to Ohio-West Virginia Excavating for a total cost of \$130,108.00 and construction inspection was performed by the County. Ohio Public Works Emergency funds were used to pay 90% of all project costs, with the Engineers office supplying the in-kind design work, in-kind construction inspection and remainder of cash as local match.

Slip Repairs EMA Funded

2023 EMA Events (January)

Another bout of bad weather hit Monroe County in January 2023, causing a significant amount of damage, and resulting in a disaster declaration. All damages except for 3 were repaired in 2023 and 2024. The final 3 locations were completed in 2025. The table below lists damage locations for this event.

Road	Damage	Contract/Force Account	Work Complete?
CR10	Slip/mudslide	Force Account	Yes
CR105	Culvert plugged/washout	Force Account	Yes
CR11	Ditch & culverts plugging	Force Account	Yes
CR138	Culverts plugged/washout	Force Account	Yes
CR15	Slip/Mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR44	Plugged culvert, shoulder erosion	Force Account	Yes
CR13	Road washout/culvert plugged/flooding	Force Account	Yes
CR29	Slip/mudslides	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Road washout/flooding	Force Account	Yes
CR57	Road washout/flooding	Force Account	Yes
CR65	Road washout/flooding	Force Account	Yes
CR72	Slip/mudslide	Force Account	Yes
CR78	Road washout/flooding/plugged culverts	Force Account	YES
CR88	Slip/mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR88	Slip/mudslide (39-35-13, 81-07-51)	Force Account	Yes
CR88	Slip/Mudslide (39-35-13, 81-07-52)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR9A-1.72	Road washout/culvert plugging	Force Account & Contract	YES
CR96	Slip/Mudslide (39.635529, 80.875451)	Oil & Gas operator completed	Yes
TR183	TR183-0.50 Bridge flooding/approach washout	Township complete - not seeking reimbursement	Yes
CR15-1.81	Slip (39-35-41, 81-14-58)	Contract - OWV & Stahl Sheaffer	YES
CR15-8.00	Slip	Force Account	No
CR22	Slip - 60 feet long	Contract	YES
CR26-4.60	Large culvert & adjacent culvert overtopped and road washout, culverts plugged	Force Account	YES
CR29-8.00	Culvert plugging/washout	Contract	YES
CR40-0.96	Road washout/flooding	Contract	YES
CR40-6.10	Slip - 70 feet long	Contract	YES
CR42-0.83	Road flooding/surface damage	Contract	YES
CR43-1.52	Slip - 60 feet long	Contract	YES
CR43-5.00	Slip & broken culvert	Force Account/Contract	YES
CR45-4.40	Slip/Erosion	Contract	YES
CR47-1.295	Culvert plugging/washout	Force Account	YES
CR47-1.65	Road washout/flooding	Force Account	No
CR47-3.97	Slip/Erosion/plugged culvert	Force Account	YES
CR72-1.954	Culvert plugged/washout	Force Account	YES
CR81-0.94	Slip	Contract - OWV & Stahl Sheaffer	YES
CR89-0.40	Road washout/flooding	Contract	YES
CR89-0.498	Culvert plugging/washout	Combination	YES
TR1206	TR1206 Bridge washout/failure	Jackson Township completed	YES
TR358	TR358 Bridge - flooding/washout of backfill	Force Account	YES

2024 EMA Events (January & April)

In both January & April of 2024, Monroe County experienced more severe storms and flooding, leading to disaster declarations and ultimately two more State Disaster Relief Program events. The below tables list the locations eligible for partial funding for repairs, through the Ohio EMA.

JANUARY 2024 DAMAGE TABLE

Road	Damage	Contract/Force Account	Work Complete?
CR27	Rockslide/mudslide	Force Account	YES
CR10	Erosion (30' length approximately)	COMBINATION	YES
CR16	Erosion (45' length approximately)	COMBINATION	YES
CR18	Slip (80' length approximately)	COMBINATION	YES
CR26	Erosion (180' length of road/stream bank)	Contract	NO
CR26	Slip (400' length approximately)	Contract	YES
CR29	Erosion (75' length of road/stream bank)	Contract	YES
CR43	3.00 Slip (160' length approximately)	Contract	NO
CR43	6.50 Slip (488' length approximately)	Contract	NO
CR5	2 sites -Erosion (40' & 30' length approximately)	Force Account	YES
CR6	Erosion (90' length of road/stream bank)	COMBINATION	NO
CR64	Erosion/Failed cribbing (80' length approximately)	COMBINATION	NO
CR64A	Slip (120' length approximately)	Contract	YES
CR68	Slip (60' length approximately)	Force Account	NO

APRIL 2024 DAMAGE TABLE

Road	Damage	Engineering Award	Construction Award	Construct Inspect Award
CR10	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR11	Mudslide	N/A	N/A	N/A
CR22	Mudslide	N/A	N/A	N/A
CR25	Mudslide	N/A	N/A	N/A
CR29	Mudslides	N/A	N/A	N/A
CR4	Mudslide	N/A	N/A	N/A
CR4	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR40	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR5	Mudslide	N/A	N/A	N/A
CR57	Mudslides	N/A	N/A	N/A
CR64	Mudslides	N/A	N/A	N/A
CR68	Mudslide	N/A	N/A	N/A
CR89	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR99	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR4	Mudslide/Pavement Shoving	COUNTY	Shelly and Sands	N/A
CR96	Culvert plugging/ erosion	COUNTY	COUNTY	N/A
CR1	Culvert plugging/Erosion (90')	COUNTY	COUNTY/ SHELLY AND SANDS	N/A
CR10	Slip (120')	COUNTY	OWV	COUNTY
CR10	Slip (124' approximately)	COUNTY	OWV	COUNTY
CR10	Slip (50')	COUNTY	OWV	COUNTY
CR101	Slip (100')	Stahl Sheaffer/County	OWV	COUNTY
CR105C	Road washout/surface loss	COUNTY	COUNTY	COUNTY
CR106	Slip (60')	Stahl Sheaffer/County	OWV	COUNTY
CR15	Slip (165')	COUNTY	OWV	COUNTY
CR22	Shoulder Erosion (60')	COUNTY	COUNTY	COUNTY
CR24	Slip (Failed Rock Embankment, 78' long)	Stahl Sheaffer/County	OWV	COUNTY
CR25	Slip (220')	COUNTY		COUNTY
CR25	Slip (60')	COUNTY		COUNTY
CR25	Slip (248')	COUNTY		COUNTY
CR27	Slip (130')	COUNTY	OWV	COUNTY
CR30	Slip (90')	Stahl Sheaffer/County		COUNTY
CR31	Slip (84')	COUNTY	OWV	County
CR35	Erosion (90')	COUNTY	COUNTY	COUNTY
CR37	Slip (90')	Stahl Sheaffer/County		COUNTY
CR37	Slip (95')	Stahl Sheaffer/County		COUNTY
CR37	Slip (80')	COUNTY	OWV	COUNTY
CR37	Slip (230')	COUNTY	OWV	COUNTY
CR37	Slip (58')	Stahl Sheaffer/County		COUNTY
CR37	Slip (105')	Stahl Sheaffer/County		COUNTY
CR38	Slip (85')	COUNTY	OWV	COUNTY
CR38	Road Failure (120')	COUNTY	OWV	COUNTY
CR38	Slip (263')	COUNTY	OWV	COUNTY
CR38	Slip (94')	COUNTY	OWV	COUNTY
CR39	SLIP (187')	COUNTY		COUNTY
CR39	SLIP (100')	COUNTY		COUNTY
CR39	SLIP (145')	Stahl Sheaffer/County		COUNTY
CR39	SLIP (140')	Stahl Sheaffer/County		COUNTY
CR39	Slip (120')	Stahl Sheaffer/County	OWV	COUNTY
CR40	Road Washout/Culvert headwall collapse	COUNTY	COUNTY	N/A
CR43	Slip near SR536 intersection (54')	COUNTY	OWV	COUNTY
CR43	Failed Pipe Piling Wall/Slip (104')	COUNTY	OWV	COUNTY
CR43	Slip (320')	COUNTY	OWV	COUNTY
CR47	Erosion (75')	COUNTY	Monroe Drilling LLC	COUNTY
CR57	Culvert Washout	COUNTY	COUNTY	N/A
CR58	Slip (65')	COUNTY	OWV	COUNTY
CR58	Slip (190')	COUNTY	OWV	COUNTY
CR64A	Slip (80')	COUNTY	OWV	COUNTY
CR64A	Slip (110')	Stahl Sheaffer/County	OWV	COUNTY
CR67	Slip (60')	COUNTY	COUNTY	COUNTY
CR79	Slip (140')	COUNTY		COUNTY
CR79	Slip (130')	COUNTY		COUNTY
CR79	Slip (134')	COUNTY		COUNTY
CR84	Slip (130')	COUNTY		COUNTY
CR89	Erosion (100' approximately)	COUNTY	COUNTY	COUNTY
CR89	Slip (120' approximately)	COUNTY	COUNTY	COUNTY
CR9	Slip (120' approximately - failed timber cribbing)	Stahl Sheaffer/County		COUNTY
CR9	Slip (60')	COUNTY		COUNTY
CR96	Slip (80')	COUNTY	OWV	COUNTY
CR99	Road washout/Culvert failure	COUNTY		
TR1008	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR183-0.50	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR530	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
CR29	Culvert Plugged, mudslide	N/A	COUNTY	N/A
TR570	Bridge Abutment/approach erosion	N/A	N/A	N/A

CULVERT REPAIRS AND MAINTENANCE

Culvert Replacement In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Culvert Armoring	CR1-2.63	\$1,827.15
Culvert Outlet Repair	CR45-4.896	\$2,737.50
Culvert Replacement	CR1-2.46	\$7,398.65
Culvert Replacement	CR2-0.625, CR2-0.631	\$18,151.40
Culvert Replacement	CR10-4.60	\$6,832.27
Culvert Replacement	CR12-1.61, CR12-1.658	\$14,541.01
Culvert Replacement	CR13	\$50,258.13
Culvert Replacement	CR35-1.87	\$25,645.17
Culvert Replacement	CR35-1.982	\$9,481.63
Culvert Replacement	CR38-2.69, CR38-2.77	\$9,597.09
Culvert Replacement	CR40-0.741	\$38,094.13
Culvert Replacement	CR47-1.295	\$52,297.20
Culvert Replacement	CR61-0.32	\$4,260.95
Culvert Replacements	CR2 East	\$60,735.23
Culvert Replacements	CR18	\$88,088.86
Culvert Replacements	CR77-5.908, CR77-6.463	\$28,676.68
Culvert Replacements	CR82	\$42,653.52
Culvert Replacements	CR96	\$26,211.73

Total Culvert Project force account costs for 2025 = \$487,488.30

Culvert Replacements – Contracted/Funded (Excludes FEMA & EMA projects)

NONE

ROADWAY REPAIRS AND MAINTENANCE

Road Repairs In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Base Repair & Underdrain	CR91	\$23,124.92
Base Repairs	CR48	\$42,374.74
Chip & Seal	CR2 East	\$72,906.61
Chip & Seal	CR12 & CR16 (Stafford to Webb Pad)	\$53,665.55
Chip & Seal	CR14 (Pleasant Ridge to Whitacre 702 Pad)	\$17,086.38
Chip & Seal	CR14 (Sycamore to SR260)	\$11,142.51
Chip & Seal	CR18	\$122,892.73
Chip & Seal	CR35 (TR17 to CR53)	\$36,100.94
Chip & Seal	CR45	\$89,972.37
Chip & Seal	CR48	\$7,968.69
Chip & Seal	CR100	\$20,567.21
Chip Seal	CR12 (Conner Ridge to SR 26)	\$88,031.15
Cold Mix Road Leveling	CR14 (CR16 to TR303)	\$34,841.16
CR101 Leveling w/ Millings	CR101	\$6,447.53
Fall Cold Mix		\$24,392.84
Hot Mix Patching	CR15	\$78,532.50
Hot Mix Patching	CR96	\$16,487.70
Road Elevation Adjustment	CR47	\$15,678.17
Road Leveling	CR9	\$10,000.52
Road Profiling	CR47-1.65	\$26,333.70
Shoulder Stone Erosion Repair	CR22-1.30	\$2,163.17

Total Road Repairs Project force account costs for 2025 = \$800,711.09

Emergency Services

Snow & Ice Removal - County forces provide snow & ice removal for all 362 miles of County Roads during the winter months. In 2025, a total of \$665,877.70 was spent on this service.

Debris & Tree Removal – County forces respond AFTER HOURS to trees and debris that fall into the roadway, causing a hazard for the traveling public. In 2025, over 244 man-hours were spent for a total of **\$10,404.04** in OVERTIME Labor costs for this service. Equipment and fuel costs are not included in the total. Debris & Tree removal during normal business hours is not included in the total.

All Emergency service costs are paid from by the County Engineers Budget.

Roadside Mowing

County-Wide Road side mowing - County forces provide roadside mowing for all 362 miles of County Roads throughout the year, with a goal to make at least 2 passes on each road annually and spend as much time as feasible to make additional passes to increase the width we can clear along the roads. In 2025, a total of **\$636,523.96** was spent on this service.

Labor = \$313,223.83 (8719.5 man-hours)

Equipment Usage = \$323,300.13

Miscellaneous Road Improvements In-House/Force-Account

Project Type	Route/Location	Force Account Cost
2025 County Wide Sign Installation	Various County Roads	\$21,139.97

Total Miscellaneous Road Improvement Project force account costs for 2025 = \$21,139.97

Miscellaneous Road Improvements Contracted

County Road 2 East Asphalt Mill & Fill Repairs – Russell Standard was contracted to perform Asphalt Mill & Fill patch repairs on specific locations of County Road 2 East, for a total cost of \$22,835.50. This work was funded through the Engineers Budget.

County Road 10-3.20 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.20 log point location on County Road 10, where an accident has caused damage to the asphalt surface, for a total cost of \$11,211.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 18 Asphalt Mill & Fill Repairs– Parnell & Associates, Inc. was contracted to perform asphalt repairs at specific locations on County Road 18, for a total cost of \$60,854.00. This work was funded through the Engineers Budget.

County Road 28 Asphalt Mill & Fill Repairs – Shelly and Sands, Inc. was contracted to perform Asphalt Mill & Fill repairs at specific location on County Road 28, for a total cost of \$30,239.60. This work was funded through the Engineers Budget.

County Road 28-3.57 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.27 log point location on County Road 28, where an accident has caused damage to the asphalt surface, for a total cost of \$19,900.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 91 Asphalt Mill & Fill Repair – Ohio West Virginia Excavating was contracted to perform an asphalt Mill & Fill at one location, for a total cost of \$18,096.50. This work was funded through the Engineers Budget.

County Road 100 Asphalt Mill & Fill Repairs – Ohio West Virginia Excavating was contracted to perform asphalt repairs at specific locations on County Road 100, for a total cost of \$21,232.00. This work was funded through the Engineers Budget.

Miscellaneous Road Improvements Funded

Ohio Department of Development (ODOD) Roadwork Development Grant – The Monroe County Engineers Office applied and received \$1,500,000 in 629 Road Development Funds to make repairs and improvements to County Road 26, Beautiful Ridge Road, specifically at the 5.72-mile marker, where there is a failed piling wall. These funds were awarded to replace the piling wall and make repairs/improvements to County Road 26. The 5.72-slip was repaired in 2024 and left a remaining balance of \$438,581.75 in the grant funding. ODOD confirmed permission to utilize this remaining funding towards additional repairs at the 6.78-mile marker, as well as other locations along the roadway. The

6.78 slip was repaired in 2025, along with several asphalt and shoulder repairs, to expend the remaining balance of the original grant.

Transportation Improvement District Grant – In addition to the construction funding provided by ODOD (above) for construction of the CR26-6.78 slip repair, Monroe County applied and was awarded \$90,000 in Transportation Improvement District (TID) funding, for the geotechnical investigation and design plans for the slip repair. Design work was awarded to ADR & Associates, an was completed in December 2024, for a total cost of \$63,780.00. The remainder of the grant cannot be used on any other work items and therefore will not be utilized by Monroe County.

Office of Jobs and Commerce (ODOT) Grant – In 2025, an additional \$50,000 in grant funding was secured to complete all remaining improvements on County Road 26, by supplementing the ODOD and TID grants noted above. Asphalt repairs and shoulder build-up were completed in 2025, with a small amount of work anticipated to be complete in 2026, to expend the remaining balance of grant funds.

BRIDGE IMPROVEMENTS AND REPAIRS

In-House/Force Account

Project Type	Route/Location	Force Account Cost
Bridge Guardrail Repair	CR12-1.07 Bridge	\$4,730.85
Bridge Maintenance	CR29-2.40	\$11,376.40
Bridge Repairs	CR77-4.64	\$1,474.02
Bridge Repairs	Seneca TR636-2.16 Bridge	\$11,636.56

Total Bridge Project force account costs for 2025 = \$29,217.83

Contracted/Funded

CR14-4.98 Bridge – Shelly and Sands, Inc. was awarded a spot mill and overlay repair at the CR14-4.98 bridge, for a total cost of \$14,000.00. This repair was paid for through the Engineers Budget.

TR183-0.13 Bridge replacement project design-build scope was completed in 2022. The original contract was cancelled and the bridge was combined with the TR183-0.50 bridge replacement, with construction being completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



TR183-0.13 Bridge was replaced in 2025

(Old – top photo)

(New – bottom photo)



TR183-0.50 Bridge replacement was combined with TR183-0.13 bridge replacement and construction was completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



**TR183-0.50 Bridge
was replaced in 2025**

**(old – top photo)
(new – bottom photo)**



TR1004-2.27 Bridge replacement design for this project will be completed by summer of 2024. The bridge is slated for construction to be complete in 2026. The design costs and construction will be shared funding through Federal Land Access Program, Ohio Public Works Funds and County Engineer budget funds.



TR1004-2.27 Bridge to be replaced in 2026

TR2214-0.06 Bridge Replacement - design for this project was completed in 2025, with construction slated for 2026. The design costs and construction are funded through FHWA/LBR Program Funds.



TR2214-0.06 Bridge to be replaced in 2026

CR44-1.60 Bridge Replacement (Design) – Design for this project will be funded through 90% Transportation Improvement District Grant and 10% County Engineer local funds. Design is anticipated to be completed in 2026, and the County Engineers office will then apply for construction funding for replacement.



TR562-1.82 Bridge Replacement - Design for this project will be funded through 100% Surface Transportation Block Grant. Construction funds have been secured through Local Bridge Program for 80%, with the County Engineer planning to match the 20% remaining with local funds. Design is anticipated to begin in 2027, and the construction funding is set for fiscal year 2030.



OIL & GAS ACTIVITY

There are currently 13 different Oil & Gas Companies with at least one active RUMA in Monroe County. Over the past few years, several of the previous companies have merged or sold to form larger singular operators, and in the process, RUMAs have been combined into a “Master RUMA” which contains a list of all affected roadways for each Operator. Below is a summary of RUMA activity:

O & G RUMA Activity Summary	2025	2024	2023	2022	2021	2020	2019	2018
New RUMAs	6	5	12	3	6	7	13	30
Renewed RUMAs	24	4	5	5	6	42	46	19
Terminated/Modified RUMAs	*Only partial RUMA terminations occurred this year.	17	4	4	*several RUMAs terminated to create a Master RUMA for each Operator	11	19	35
Total Number of Operators with at least one RUMA	13	13	13	14	14	19	23	23

As part of their activities, these Oil & gas Companies often need to improve the County’s current infrastructure. The following table is a summary of the Infrastructure Improvements made by Oil & Gas Companies in 2025. Maintenance items such as dust control and temporary patching are not included in this list.

<i>Company</i>	<i>Road #/Name</i>	<i>Improvement/Work Done</i>	<i>Total Cost of Improvements</i>
Antero	CR12, Stafford Hill & CR16, Sandbar Road	Asphalt spot repairs	\$23,996.65
Antero	CR14, Long Run Road	Asphalt spot repairs	\$7,936.50
Antero	CR39, Harper Ridge Road	Asphalt spot repairs	\$9,801.68
Antero	CR69, Walter Ridge Road	Asphalt spot repairs	\$7,336.76
Antero	CR100, Keylor Hill Road	Asphalt spot repairs	\$32,799.79
Markwest	CR100, Keylor Hill Road	Aggregate spreading and road repairs from RUMA activity	\$70,000.00
Diversified	CR58, Krieg Road	Emergency Slip Repairs (EMA local match)	\$111,837.18
EQT	CR4, Sykes Ridge Road	Asphalt spot repairs	\$42,687.03
EQT	CR26, Beautiful Ridge Road	Asphalt spot repairs	\$23,257.08
EQT	CR26, Beautiful Ridge Road	Emergency Slip Repairs (EMA local match)	\$154,068.05
EQT	CR43, Long Ridge Road	Emergency Slip Repairs (EMA local match)	\$201,549.04
EQT	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$69,287.88
Gulfport Appalachia	CR5, Atkinson Run Road (North)	Road Improvements for RUMA (FDR + Pave)	\$281,754.40
Gulfport Appalachia	CR1, Kings Highway	Asphalt spot repairs	\$26,772.46
Gulfport Appalachia	CR61, Egger Ridge Road	Road Improvements for RUMA (FDR + Pave)	\$926,078.67
Expand Energy	CR10, Benwood Road	Emergency Slip Repairs (EMA local match)	\$48,526.39
Expand Energy	CR38, Headley Ridge Road	Asphalt Overlay	\$359,043.35
Expand Energy	CR38, Headley Ridge Road	Emergency Slip Repairs (EMA local match)	\$196,536.66
Expand Energy	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$101,062.52
Expand Energy	CR96, Baptist Ridge Road	Asphalt Overlay	\$274,020.00
Expand Energy	CR96, Baptist Ridge Road	Emergency Slip Repair (EMA local match)	\$33,686.50
TOTAL			\$3,002,038.59

COUNTY ENGINEER FUNDING, REVENUE & EXPENDITURES SUMMARY

Projects Summary

Road & Bridge Funding Summary	2025	2024	2023	2022	2021	2020	2019	2018
In-House/Force Account Funds	\$2,905,896.22	\$1,417,506.72	\$2,296,723.24	\$2,389,943.55	\$2,285,644.39	\$1,772,341.29	\$1,670,724.37	\$968,357.29
County Engineer (local match) funds, including loans	\$1,147,112.92	\$1,633,063.91	\$987,216.54	\$1,308,675.73	\$1,033,556.23	\$489,568.83	\$459,055.10	\$573,854.21
County General Funds	\$75,000.00	\$75,000.00	\$228,750.00	\$75,000.00	\$75,000.00	\$75,000.00	\$102,690.00	\$410,773.62
Oil & Gas Funds	\$3,002,038.59	\$800,997.19	\$2,604,384.26	\$1,566,324.69	\$2,321,668.18	\$4,795,921.00	\$10,401,034.55	\$9,610,872.72
CDBG Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255,750.00	\$0.00
FHWA/ODOT Funds	\$1,062,446.60	\$2,116,950.29	\$3,894,271.25	\$708,938.31	\$2,319,559.46	\$51,795.38	\$1,778,428.08	\$1,089,558.59
OPWC Funds	\$122,450.36	\$2,294,923.27	\$1,680,187.80	\$367,961.31	\$1,211,814.10	\$603,596.70	\$652,275.00	\$400,000.00
Ohio Department of Development Funds	\$438,581.75	\$993,618.25	\$67,800.00					
FEMA/EMA Funds	\$4,775,127.48	\$1,978,835.88	\$1,731,927.50	\$6,466,539.68	\$10,141,475.94	\$5,290,496.00	\$4,734,455.77	\$567,976.81
NRCS Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$1,023,643.58	\$0.00	\$0.00	\$0.00
Federal Land Access Program Funds	\$126,895.97	\$53,074.42	\$31,280.22	\$0.00	\$456,583.00	\$0.00	\$0.00	\$0.00
Transportation Improvement District Funds	\$0.00	\$57,402.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00
USDA Funds	\$0.00	\$0.00	\$0.00	\$288,000.00	\$0.00	\$297,000.00	\$0.00	\$141,000.00
TOTALS	\$13,655,549.89	\$11,421,371.92	\$13,522,540.81	\$13,171,383.27	\$21,068,944.88	\$13,375,719.20	\$20,054,412.87	\$13,762,393.24
NOTE: Not all Oil & Gas Expenditures were reported by Operators for 2024								

County Engineer Budget – 2025 Revenue Summary

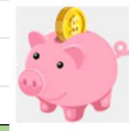
DESCRIPTION	2025 EOY FINAL	% of TOTAL
GASOLINE TAX	\$4,039,668.80	47.5%
INTEREST	\$23,101.23	0.3%
MOTOR VEHICLE LICENSES	\$979,154.21	11.5%
PERMISSIVE MVL	\$82,297.75	1.0%
COUNTY COURT FINES	\$11,346.40	0.1%
JUVENILE COURT FINES	\$52.50	0.0%
MISC. INSURANCE & COBRA PAY-IN	\$0.00	0.0%
SPECIAL HAUL PERMITS	\$20,400.00	0.2%
RIGHT OF WAY PERMITS	\$4,040.00	0.0%
SALE & SERVICE	\$40,638.65	0.5%
(National Forest Sales)	\$12,867.26	0.2%
REFUND &/OR REIMBURSEMENT	\$846,979.92	10.0%
TRANSFERS IN	\$163,693.32	1.9%
ADVANCES IN	\$1,203,103.55	14.1%
OTHER RECEIPTS	\$15,000.00	0.2%
OIL & GAS RECEIPTS	\$1,060,233.66	12.5%
TOTAL	\$8,502,577.25	100%

County Engineer Budget – 2025 Expenditures Summary

DESCRIPTION		2025 EOY FINAL	% of TOTAL
SALARIES OFFICIALS		\$113,151.00	1.39%
SALARIES EMPLOYEES		\$1,360,947.31	16.73%
SUPPLIES		\$1,781.59	0.02%
TAX MAP SUPPLIES		\$8,210.52	0.10%
UNIFORMS & PPE		\$8,081.82	0.10%
WELDING SUPPLIES		\$4,010.31	0.05%
ROAD MATERIALS		\$894,751.73	11.00%
EQUIPMENT		\$694,378.32	8.54%
CONTRACT REPAIRS (O&G)		\$111,837.18	1.38%
CONTRACT SERVICES (ISSUE II COUNTY)		\$7,657.64	0.09%
CONTRACTS		\$455,614.47	5.60%
EMA CONTRACTS		\$1,579,566.34	19.42%
ODOT		\$355,087.46	4.37%
TRAVEL EXPENSES		\$1,000.00	0.01%
ADVERTISING & PRINTING		\$5,044.57	0.06%
PERS/STRS		\$200,231.91	2.46%
WORKERS COMPENSATION		\$15,459.67	0.19%
UNEMPLOYMENT COMP.		\$0.00	0.00%
OTHER EXPENSES		\$18,804.47	0.23%
RIGHT OF WAY PERMITS -Expense		\$1,225.00	0.02%
TRANSFERS		\$0.00	0.00%
ADVANCES OUT		\$950,000.00	11.68%
INSURANCE		\$365,468.61	4.49%
GROUP & LIABILITY		\$17,558.84	0.22%
LEGAL FEES		\$0.00	0.00%
NOTES		\$0.00	0.00%
FUEL		\$174,893.66	2.15%
UTILITIES		\$28,287.48	0.35%
DOT TESTING		\$2,017.50	0.02%
PRINCIPAL - USDA LOAN		\$56,800.00	0.70%
INTEREST-USDA LOAN		\$8,335.76	0.10%
OPWC LOAN		\$33,011.48	0.41%
VEHICLE MAINT.(IN HOUSE)		\$151,413.03	1.86%
VEHICLE (OUTSIDE REPAIRS)		\$127,162.29	1.56%
LEASES		\$0.00	0.00%
MEDICARE TAX		\$20,322.58	0.25%
DUES		\$220.00	0.00%
BUILDING & GROUNDS MAINTENANCE		\$102,646.14	1.26%
OFFICE MAINTENANCE		\$18,366.89	0.23%
SIGNS		\$15,026.77	0.18%
BRIDGE MATERIALS		\$6,111.84	0.08%
CONTRACTS		\$123,657.25	1.52%
BRIDGE CREDITS		\$95,000.00	1.17%
CONTRACT BRIDGES		\$0.00	0.00%
PERSONEL EXPENDITURES		\$2,104,459.24	25.9%
NON-PERSONEL EXPENDITURES		\$6,028,682.19	74.1%
TOTAL		\$8,133,141.43	100.0%

FUNDING & THE FUTURE

FUNDING SUMMARY SHEET (2017-PRESENT)



Project Type	GRANTS RECEIVED	LOANS RECEIVED	LOCAL MATCH	TOTAL FUNDED PROJECTS COSTS
Bridge	\$10,440,164.05	\$350,000.00	\$706,503.35	\$11,496,667.40
Bridge Load Ratings	\$393,247.52	\$0.00	\$27,720.24	\$420,967.76
Road	\$13,548,992.19	\$1,220,153.97	\$3,396,127.77	\$18,165,273.93
Drainage	\$950,000.00	\$0.00	\$75,000.00	\$1,025,000.00
Safety	\$680,670.83	\$0.00	\$40,181.53	\$720,852.35
Sign	\$96,287.44	\$0.00	\$8,696.01	\$104,983.45
Equipment	\$747,988.46	\$576,000.00	\$20,000.00	\$1,343,988.46
Guardrail	\$312,000.00	\$0.00	\$0.00	\$312,000.00
Slip Repair/Flood Damage	\$54,038,066.63	\$0.00	\$6,234,586.22	\$60,272,652.85
TOTALS	\$81,207,417.12	\$2,146,153.97	\$10,508,815.11	\$93,862,386.20
	87%	2%	11%	100%

The County Engineers office takes pride in being able to “stretch a dollar” and find creative ways to accomplish the large amount of work needed, with a less-than-adequate budget. The table above shows just how well we have been able to do that in the past 9 years, with 87% of all funded projects being covered with money OTHER than County funds. You can also see how important it is to be able to supply Local Match money. A mere 13% of match money/loans has afforded the County over \$81,000,000.00 in road, bridge and infrastructure improvements or repairs.

With the constant increase in material and equipment costs, projects will continue to grow in price. Despite the diligent efforts of our crews and the large amount of funding we are able to secure, the County Engineers office still continues to be underfunded. As you can see from the summary above, the majority of the funding received is for slip repairs or weather-related damages, rather than pavement or bridge replacements/rehabilitation project. We will continue to prioritize projects based on impact to the public, funding availability and other pertinent factors. Despite the overwhelming amount of work that lies ahead for the County, we will continue to plan and make the most of our funds available. The following table outlines future projects that have funding secured and will be completed over the next few years.

2026 & FUTURE FUNDING

**Projects listed in ITALICS are PENDING FUNDING APPROVAL*

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)	Funding Year(s)
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88	2026
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03	2026
Bridge	MOE-TR562-1.82	80% (Use Bridge Credits for 15% additional)	\$1,970,000.00	2030
<i>Bridge</i>	<i>MOE CR-0029-0309</i>	80%	<i>\$1,160,000.00</i>	<i>2031</i>
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00	2026
<i>Bridge Design</i>	<i>TR562-1.82</i>	<i>90% with \$200,000 cap</i>	<i>\$225,000.00</i>	<i>FY2027</i>
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Offict of Jobs and Commerce \$50,000 max	\$1,550,000.00	FY2024
Road Improvement	CR16 & CR44	CSTP 80%, max \$2,000,000 RTPO-STBG \$200,000 max	\$2,600,000.00	FY2029
Road/Resurfacing	CR9	\$400,000 (OPWC Grant) \$297,999.90 (OPWC Loan) \$337,562.45 Local Match \$256,687.35 OhioEMA	\$1,292,249.70	FY2027
Road/Resurfacing	CR48/CR17	\$500,000 MAX (Local Roads) \$400,000(OPWC grant)	\$1,250,354.65	FY2027
Road/Resurfacing	CR81 1.07-2.33	RTPO-STBG \$213,495.6	\$213,495.60	FY2026
<i>Road/Resurfacing</i>	<i>CR40 Road Improvement Project</i>	<i>\$1,000,000 (FLAP), \$400,000 (future OPWC), \$175,647 Local</i>	<i>\$1,575,647.00</i>	<i>FY2027-2029</i>
<i>Road/Resurfacing</i>	<i>CR2 0.00-1.785 Road Improvement Project</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$114,180 Local Match</i>	<i>\$1,014,180.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR2 EAST RESURFACING</i>	<i>\$500,000 max Local Roads, \$31,887 Local Match</i>	<i>\$531,887.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR12 2.073-5.501 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$1,263,852 Local Match</i>	<i>\$2,163,852.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR96 0.98-3.78 RESURFACING</i>	<i>\$500,000 max Local Roads, \$19,300 Local Match</i>	<i>\$519,300.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR101 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$383,519 (future OPWC grant)</i>	<i>\$883,519.00</i>	<i>FY2029</i>
Safety study	Intersection/Corridor Study	90%	\$12,000.00	FY2026
Sign	Sign Upgrade Project - Various Signs	80%	\$13,000.00	FY2026
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39	2024
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77	2024
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00	2025

**Monroe County Engineer
Amy M. Zwick, P.S., P.E.
Annual Report for 2025**

January 28, 2026

Per the Ohio Revised Code, Section 5543.02, I am providing an annual report for the review and record of the Monroe County Commissioners. This report will provide a summary of the activities during the calendar year on County-owned roads, bridges and other infrastructure.

The County Engineers office is responsible for the maintenance and upkeep of **361.94 miles¹** of County Roads, including all drainage, culverts, signs, mowing, guardrail, snow/ice treatment and embankment stability. The Engineer's office is also responsible for all bridges on County Roads, and bridges on Township Roads. The current number is **179 bridges** on the County Engineers inventory.

The County Engineers budget is financed through a gasoline tax and a vehicle registration tax, as well as minor income from permit fees and sales/services. For several years, this financing has been extremely lacking, limiting the Engineers office's ability to maintain roads and bridges at a safe and good condition. Whenever possible, Federal grant money and Ohio Public Works funds have been applied for, to replace those lacking funds. In more recent years, Oil & Gas industry has moved into Monroe County and the Operators have contributed significantly to the upgrade/improvements of the County's infrastructure. In 2020 and continuing through 2024, Oil & Gas activity took a major downturn in Monroe County, which is reflected in the decrease in permits, RUMAs, and road upgrades/improvements.

In a continued effort to generate additional income and close the gap in the Engineers needed funds, the option of enacting additional permissive vehicle registrations has been discussed multiple times. The Commissioners held the two required public hearings in April 2019. Based on public input, the motion was made against enacting any additional permissive taxes at this time. This topic was revisited in discussions between Commissioners and Engineers offices since 2019, but has not been pursued any further.

Thanks to the efforts of many individuals across Ohio, in mid-2019 the State approved an increase in the rate and modification of the distribution of revenue from motor fuel excise taxes (fuel tax). This increase took effect July 1, 2019. Projected data for 2020 indicated that each County Engineer would receive an additional \$1 to \$1.5 million. Unfortunately, with the COVID-19 pandemic occurrence, the impact of the fuel tax increase was offset by the sudden decrease in fuel consumption. The long-term effect of COVID-19 on remote-working is anticipated to reduce the fuel consumption permanently, with an estimate of 25% reduction in fuel excise tax income for County Engineers.

While the County Engineers office continues to stretch each dollar as far as we can, by applying for as many grants as we can afford to match, performing work in-house when cost-effective, and working with Oil & Gas operators to cost-share on projects, the funds required to maintain "status-quo" are still not able to be met solely on the Engineers budget alone. Future plans of additional funding sources will need to be seriously considered, in order to prevent our county infrastructures deterioration.

Please continue to the following pages for more detailed information on the projects and activities of the Engineers Office in 2025.

¹ Due to the LBRS Incorporation of Monroe County in February 2023, a bulk milage update was made to the County inventory mileage. A total of -9.860 miles was removed based on more recent measurement tools.

COUNTY PERMIT SUMMARY

Special haul permits

Special Haul Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	203	143	236	282	340
Total permit fees received	22500	\$18,500.00	\$24,650.00	\$32,425.00	\$33,775.00
Total fees paid to consultants	0	\$0.00	\$0.00	\$0.00	\$0.00
Total bridges analyzed (at least once)	0	4	7	1	9
Total bridges analyzed that were not passable	0	0	2	0	2

Right of Way Work permits

Right-of-Way work Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	116	128	95	106	109
Total permit fees received by County	\$3,500.00	\$4,550.00	\$3,490.00	\$3,580.00	\$3,830.00
Total permit fees paid to Townships	\$425.00	\$1,400.00	\$100.00	\$550.00	\$500.00

COUNTY EQUIPMENT PURCHASES/SALES

Since the onset of the COVID-19 pandemic, trucks and equipment purchases have been delayed and/or there are significant backlogs in production. The new trend that seems to be forming is to order a truck or new equipment, then wait more than 12 months for delivery. In some cases, the number of orders being taken per year is limited, and the option to order is not even possible. Below is a summary of equipment purchases made in recent years, with notes where equipment funds were encumbered in one year, but the equipment was not received until the following year or after:

Equipment	2025	2024	2023	2022	2021	2020	2019
2020 f450 Regualr Cab Truck x 1							\$40,136.00
2021 International HV507 Dump w/ Plows x 2						\$296,728.46	
2018 Case 621G Wheel Loader						\$139,750.00	
2016 Gradall D152						\$149,900.00	
2019 Bomag Roller						\$99,900.00	
2018 Bomag Roller					\$47,500.00		
2018 Felling Tilt Trailer (Used)					\$4,605.13		
2022 F250 Regualr Cab Truck					\$35,712.00		
John Deere 6110M Tractor x 2				Received	\$159,534.72		
Alamo 22' Samurai Boom Mower x 2				Received	\$107,254.40		
2022 F250 Regular Cab Truck			Received	\$37,175.00			
2022 F250 Regular Cab Truck			Received	\$45,420.00			
2023 F450 Regular Cab, Dump Bed & Plow			\$103,688.00	Ordered			
2023 International HV507 Dump Truck x 2	delivered 9/2/25	\$377,797.32	Pending	Ordered			
2024 Kobelco SK85CS		\$133,688.50					
Kent FRD F9 Hammer		\$20,080.00					
2023 Ford F-250 Pick up	\$49,755.00						
2025 John Deere 210P	\$258,900.00						
Total	\$308,655.00	\$531,565.82	\$103,688.00	\$82,595.00	\$354,606.25	\$686,278.46	\$40,136.00
*Anticipated receipt in 2023 - not received. Funds carried over to 2025							

As vehicles and equipment age through use, or normal course of technology improvements, they reach a point where they become obsolete, unfit or unneeded for public use. At this point the Engineers Office requests approval from the Commissioners to dispose of these pieces of equipment, either through sale or proper method of disposal. No equipment was sold or disposed of in 2025.

TAX MAP SUMMARY

The Monroe County Tax Map office is maintained through a combined effort of the County Engineer and County Auditor. Two employees work diligently to not only maintain the basic functions of the tax map office, but also to improve and add on to property information, as they are able. One of the many functions that the Tax Map office handles, is the transfer of parcels. Below is a summary of those parcels transferred each year.

Tax Map Summary	2025
Parcels transferred (at least once)	946

The tax map office was also able to redraft over 2100 parcels to match their deeds/surveys and integrate the County GIS Enterprise deployment with the County Auditor's new Vision system.

PERSONNEL ACTIVITY

Retirements

Janine Reagan, Confidential Secretary, retired April 30, 2025 with 34 years of service to the County

Promotions

John Hupp, promoted to Equipment Operator, April 27, 2025

Jacob Nalley, promoted to Equipment Operator, April 28, 2025

Shane Bondy, promoted to Truck Driver, May 11, 2025

Shawn Ferrell, promoted to Road Foreman, October 13, 2025

Kasen Kinzy, promoted to Truck Driver, November 24, 2025

Shane Bondy, promoted to Equipment Operator, December 21, 2025

New Hires/Transfers

Tim Childress, Laborer in Bargaining Unit, hired September 2, 2025

Tanner Kurtz, Laborer in Bargaining Unit, hired October 6, 2025

Brody Carpenter, Laborer in Bargaining Unit, hired November 3, 2025

Fred Anderson, Laborer in Bargaining Unit, hired November 17, 2025

Resignations/Terminations

John Williams, Road Foreman, resigned June 12, 2025

Taylor Kinzy, Laborer in Bargaining Unit, resigned September 5, 2025

Fred Anderson, Laborer in Bargaining Unit, resigned November 26, 2025

John Hupp, Equipment Operator in Bargaining Unit, resigned November 28, 2025

Tim Mahoney, Truck Driver in Bargaining Unit, resigned December 14, 2025

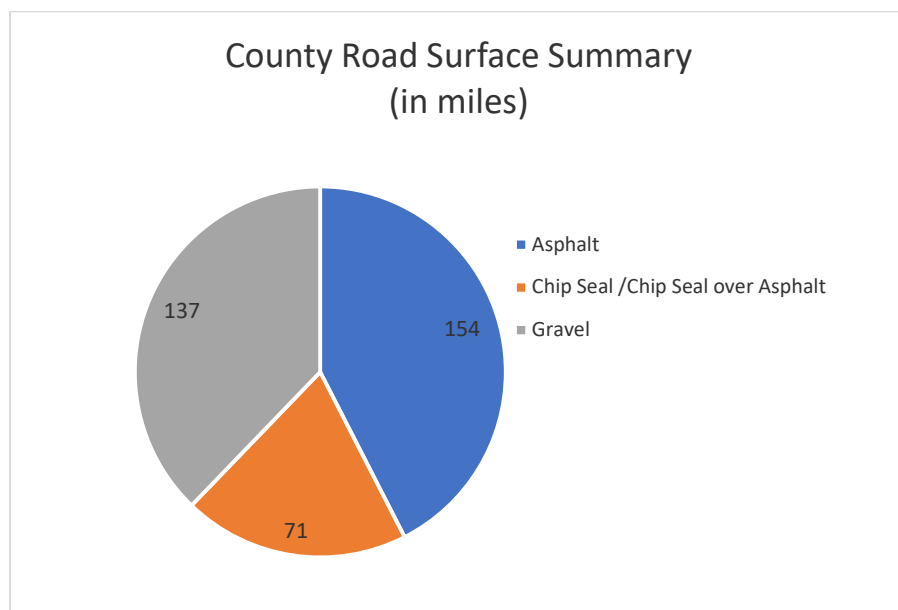
Seasonal Hires

The Engineers Office typically hires seasonal (summer) employees to assist with the increased work load that generally occurs during the summer months. For the 2025 summer season, five seasonal employees were hired to work various timeframes between May and September. These seasonal workers greatly increase our ability to form multiple work crews and complete several more projects than in the off-season. The total cost for all seasonal employees for 2025 was \$12,860.30 (1189 hours).

ROAD & BRIDGE INVENTORY

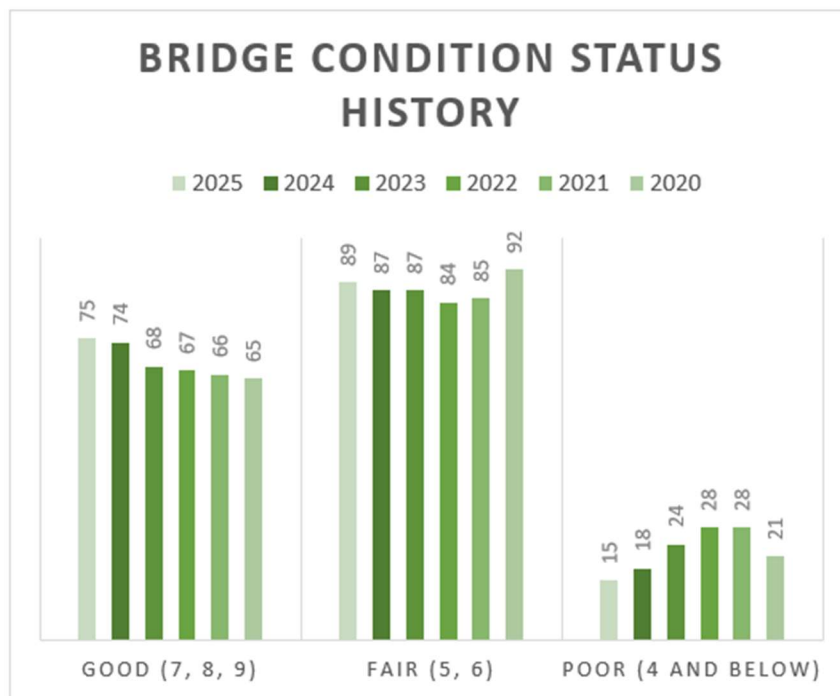
Monroe County roads are composed of a combination of three types of road surfaces: Asphalt, Chip Seal and Gravel. In recent years, Oil & Gas operators have upgraded several miles of County roads that were previously gravel or chip seal, to asphalt. However, the County Engineers budget does not provide enough to maintain the increased asphalt surfaces, nor to upgrade chip seal or gravel surfaces to asphalt. The trend is now to chip seal over asphalt roads for preservation purposes and return once-hard surface roads to gravel, if the traffic volume is low enough to warrant. You may also note the change in total road mileage from 2023 to 2024. Please refer to Page 2 of this report for an explanation regarding that change.

Road Surface Type	Miles (2017)	% in 2017	Miles (2025)	% in 2025
Asphalt	160	43.17%	154	42.48%
Chip Seal /Chip Seal over Asphalt	55	14.71%	71	19.72%
Gravel	156	42.12%	137	37.80%
Total	371		362	



All bridges on the County inventory are inspected at least annually and rated on a scale from 1-9, with “9” being new or like new condition. Below is a summary of the rating conditions from 2025 for all bridges on the County inventory.

	2025	2024	2023	2022	2021	2020	
Bridge Inventory Condition Status	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	2025%
Good (7, 8, 9)	75	74	68	67	66	65	41.90%
Fair (5, 6)	89	87	87	84	85	92	49.72%
Poor (4 and below)	15	18	24	28	28	21	8.38%
Total	179	179	179	179	179	178	100.00%



When a bridge is unable to support the required Ohio Legal Loadings, it is load-posted with signage to indicate to the traveling public what weights are allowed to cross the structure safely. Below is a summary of the posted bridges over the past years.

Load Posted Bridges	2025	2024	2023	2022	2021	2020	2019
Number of Posted Bridge	31	34	34	35	34	31	32
% of Total	17.32%	18.99%	18.99%	19.55%	18.99%	17.42%	17.98%

FUNDED PROJECTS SUMMARY – COMPLETED & ACTIVE

Each year the County Engineers office applies for several types of funding, which have specific targets or qualifications that determine what roads, bridges, etc. the funding can be used on. Nearly every funding source also requires local participation through funding match or in-house contributions of labor, equipment and/or materials. Below is a summary of the projects either completed or on-going in 2025, with funding sources associated. Rows that are shaded are complete and the rows with white background are on-going. More details on each project will be included in the following sections of this report.

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)
Bridge	MOE-T0183-00.50 (Combined with TR183-0.13)	100% Design/Construction	\$1,144,599.05
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00
Bridge Load Rating	LBR Load Rating FY25	80% LBR, 20% Local, max \$9679	\$12,696.00
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Office of Jobs and Commerce \$50,000 max	\$1,550,000.00
Sign	Sign Upgrade project - Various signs	80%, max \$9600, County must pay for installation	\$13,159.93
Slip Repair	CR26-6.78 Slip Repair Design	TID \$90,000 MAX	\$63,780.00
Slip Repair	CR81-2.00	OPWC 90%, Local 10%	\$136,055.95
Slip Repairs/Flood Damage (2019)	County-wide FEMA disaster 4424	FEMA 75%, State 25%	\$17,954,785.60
Slip/Flood Damage (January 2023)	County-wide State disaster (January)	EMA 75%, Local 25%	\$1,147,050.52
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00

Infrastructure Improvements, Repairs & Maintenance

The County Engineers Office manages several types of projects each year in order to maintain, and improve our County's Roads and Bridge system. Routine project types are:

- (1) Slip Repairs
- (2) Culvert Repairs & Maintenance
- (3) Road Repairs & Maintenance
- (4) Bridge Repairs & Maintenance

These infrastructure improvements, repairs and maintenance are achieved through a number of methods:

- (1) In-house/Force Account – County employees, equipment and material are used
- (2) Contracted out – County awards project(s) to contractor(s). Typically, this is done when the County forces are unable to perform the work needed.
- (3) Outside entity contract – An entity other than the County contracts work to be done on County-owned infrastructure through a Road Use agreement or permit. Typically, this will be done by an Oil & Gas Operator.
- (4) Funded - Funding authority awards project(s) to contractor(s). This can include funds that the County applied for, or funds that were made available due to a weather event, such as flooding.

In the following several sections, summaries and information will be provided on the many different types of projects completed this year.

SLIP REPAIRS

Slip Repairs In-House/Force-Account

All Force Account slip repairs completed in 2025, were funded through Ohio EMA and are included in the lists in the following EMA sections.

Slip Repairs Contracted

All Contracted Slip repairs completed in 2025 were through funding sources listed in the sections below and were funded as noted.

Slip Repairs OPWC Funded

CR81-2.00 - The County Engineers office prepared the design plans for a Drilled Shaft H-Piling retaining wall. Construction was awarded to Ohio-West Virginia Excavating for a total cost of \$130,108.00 and construction inspection was performed by the County. Ohio Public Works Emergency funds were used to pay 90% of all project costs, with the Engineers office supplying the in-kind design work, in-kind construction inspection and remainder of cash as local match.

Slip Repairs EMA Funded

2023 EMA Events (January)

Another bout of bad weather hit Monroe County in January 2023, causing a significant amount of damage, and resulting in a disaster declaration. All damages except for 3 were repaired in 2023 and 2024. The final 3 locations were completed in 2025. The table below lists damage locations for this event.

Road	Damage	Contract/Force Account	Work Complete?
CR10	Slip/mudslide	Force Account	Yes
CR105	Culvert plugged/washout	Force Account	Yes
CR11	Ditch & culverts plugging	Force Account	Yes
CR138	Culverts plugged/washout	Force Account	Yes
CR15	Slip/Mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR44	Plugged culvert, shoulder erosion	Force Account	Yes
CR13	Road washout/culvert plugged/flooding	Force Account	Yes
CR29	Slip/mudslides	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Road washout/flooding	Force Account	Yes
CR57	Road washout/flooding	Force Account	Yes
CR65	Road washout/flooding	Force Account	Yes
CR72	Slip/mudslide	Force Account	Yes
CR78	Road washout/flooding/plugged culverts	Force Account	YES
CR88	Slip/mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR88	Slip/mudslide (39-35-13, 81-07-51)	Force Account	Yes
CR88	Slip/Mudslide (39-35-13, 81-07-52)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR9A-1.72	Road washout/culvert plugging	Force Account & Contract	YES
CR96	Slip/Mudslide (39.635529, 80.875451)	Oil & Gas operator completed	Yes
TR183	TR183-0.50 Bridge flooding/approach washout	Township complete - not seeking reimbursement	Yes
CR15-1.81	Slip (39-35-41, 81-14-58)	Contract - OWV & Stahl Sheaffer	YES
CR15-8.00	Slip	Force Account	No
CR22	Slip - 60 feet long	Contract	YES
CR26-4.60	Large culvert & adjacent culvert overtopped and road washout, culverts plugged	Force Account	YES
CR29-8.00	Culvert plugging/washout	Contract	YES
CR40-0.96	Road washout/flooding	Contract	YES
CR40-6.10	Slip - 70 feet long	Contract	YES
CR42-0.83	Road flooding/surface damage	Contract	YES
CR43-1.52	Slip - 60 feet long	Contract	YES
CR43-5.00	Slip & broken culvert	Force Account/Contract	YES
CR45-4.40	Slip/Erosion	Contract	YES
CR47-1.295	Culvert plugging/washout	Force Account	YES
CR47-1.65	Road washout/flooding	Force Account	No
CR47-3.97	Slip/Erosion/plugged culvert	Force Account	YES
CR72-1.954	Culvert plugged/washout	Force Account	YES
CR81-0.94	Slip	Contract - OWV & Stahl Sheaffer	YES
CR89-0.40	Road washout/flooding	Contract	YES
CR89-0.498	Culvert plugging/washout	Combination	YES
TR1206	TR1206 Bridge washout/failure	Jackson Township completed	YES
TR358	TR358 Bridge - flooding/washout of backfill	Force Account	YES

2024 EMA Events (January & April)

In both January & April of 2024, Monroe County experienced more severe storms and flooding, leading to disaster declarations and ultimately two more State Disaster Relief Program events. The below tables list the locations eligible for partial funding for repairs, through the Ohio EMA.

JANUARY 2024 DAMAGE TABLE

Road	Damage	Contract/Force Account	Work Complete?
CR27	Rockslide/mudslide	Force Account	YES
CR10	Erosion (30' length approximately)	COMBINATION	YES
CR16	Erosion (45' length approximately)	COMBINATION	YES
CR18	Slip (80' length approximately)	COMBINATION	YES
CR26	Erosion (180' length of road/stream bank)	Contract	NO
CR26	Slip (400' length approximately)	Contract	YES
CR29	Erosion (75' length of road/stream bank)	Contract	YES
CR43	3.00 Slip (160' length approximately)	Contract	NO
CR43	6.50 Slip (488' length approximately)	Contract	NO
CR5	2 sites -Erosion (40' & 30' length approximately)	Force Account	YES
CR6	Erosion (90' length of road/stream bank)	COMBINATION	NO
CR64	Erosion/Failed cribbing (80' length approximately)	COMBINATION	NO
CR64A	Slip (120' length approximately)	Contract	YES
CR68	Slip (60' length approximately)	Force Account	NO

APRIL 2024 DAMAGE TABLE

Road	Damage	Engineering Award	Construction Award	Construct Inspect Award
CR10	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR11	Mudslide	N/A	N/A	N/A
CR22	Mudslide	N/A	N/A	N/A
CR25	Mudslide	N/A	N/A	N/A
CR29	Mudslides	N/A	N/A	N/A
CR4	Mudslide	N/A	N/A	N/A
CR4	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR40	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR5	Mudslide	N/A	N/A	N/A
CR57	Mudslides	N/A	N/A	N/A
CR64	Mudslides	N/A	N/A	N/A
CR68	Mudslide	N/A	N/A	N/A
CR89	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR99	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR4	Mudslide/Pavement Shoving	COUNTY	Shelly and Sands	N/A
CR96	Culvert plugging/ erosion	COUNTY	COUNTY	N/A
CR1	Culvert plugging/Erosion (90')	COUNTY	COUNTY/ SHELLY AND SANDS	N/A
CR10	Slip (120')	COUNTY	OWV	COUNTY
CR10	Slip (124' approximately)	COUNTY	OWV	COUNTY
CR10	Slip (50')	COUNTY	OWV	COUNTY
CR101	Slip (100')	Stahl Sheaffer/County	OWV	COUNTY
CR105C	Road washout/surface loss	COUNTY	COUNTY	COUNTY
CR106	Slip (60')	Stahl Sheaffer/County	OWV	COUNTY
CR15	Slip (165')	COUNTY	OWV	COUNTY
CR22	Shoulder Erosion (60')	COUNTY	COUNTY	COUNTY
CR24	Slip (Failed Rock Embankment, 78' long)	Stahl Sheaffer/County	OWV	COUNTY
CR25	Slip (220')	COUNTY		COUNTY
CR25	Slip (60')	COUNTY		COUNTY
CR25	Slip (248')	COUNTY		COUNTY
CR27	Slip (130')	COUNTY	OWV	COUNTY
CR30	Slip (90')	Stahl Sheaffer/County		COUNTY
CR31	Slip (84')	COUNTY	OWV	County
CR35	Erosion (90')	COUNTY	COUNTY	COUNTY
CR37	Slip (90')	Stahl Sheaffer/County		COUNTY
CR37	Slip (95')	Stahl Sheaffer/County		COUNTY
CR37	Slip (80')	COUNTY	OWV	COUNTY
CR37	Slip (230')	COUNTY	OWV	COUNTY
CR37	Slip (58')	Stahl Sheaffer/County		COUNTY
CR37	Slip (105')	Stahl Sheaffer/County		COUNTY
CR38	Slip (85')	COUNTY	OWV	COUNTY
CR38	Road Failure (120')	COUNTY	OWV	COUNTY
CR38	Slip (263')	COUNTY	OWV	COUNTY
CR38	Slip (94')	COUNTY	OWV	COUNTY
CR39	SLIP (187')	COUNTY		COUNTY
CR39	SLIP (100')	COUNTY		COUNTY
CR39	SLIP (145')	Stahl Sheaffer/County		COUNTY
CR39	SLIP (140')	Stahl Sheaffer/County		COUNTY
CR39	Slip (120')	Stahl Sheaffer/County	OWV	COUNTY
CR40	Road Washout/Culvert headwall collapse	COUNTY	COUNTY	N/A
CR43	Slip near SR536 intersection (54')	COUNTY	OWV	COUNTY
CR43	Failed Pipe Piling Wall/Slip (104')	COUNTY	OWV	COUNTY
CR43	Slip (320')	COUNTY	OWV	COUNTY
CR47	Erosion (75')	COUNTY	Monroe Drilling LLC	COUNTY
CR57	Culvert Washout	COUNTY	COUNTY	N/A
CR58	Slip (65')	COUNTY	OWV	COUNTY
CR58	Slip (190')	COUNTY	OWV	COUNTY
CR64A	Slip (80')	COUNTY	OWV	COUNTY
CR64A	Slip (110')	Stahl Sheaffer/County	OWV	COUNTY
CR67	Slip (60')	COUNTY	COUNTY	COUNTY
CR79	Slip (140')	COUNTY		COUNTY
CR79	Slip (130')	COUNTY		COUNTY
CR79	Slip (134')	COUNTY		COUNTY
CR84	Slip (130')	COUNTY		COUNTY
CR89	Erosion (100' approximately)	COUNTY	COUNTY	COUNTY
CR89	Slip (120' approximately)	COUNTY	COUNTY	COUNTY
CR9	Slip (120' approximately - failed timber cribbing)	Stahl Sheaffer/County		COUNTY
CR9	Slip (60')	COUNTY		COUNTY
CR96	Slip (80')	COUNTY	OWV	COUNTY
CR99	Road washout/Culvert failure	COUNTY		
TR1008	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR183-0.50	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR530	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
CR29	Culvert Plugged, mudslide	N/A	COUNTY	N/A
TR570	Bridge Abutment/approach erosion	N/A	N/A	N/A

CULVERT REPAIRS AND MAINTENANCE

Culvert Replacement In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Culvert Armoring	CR1-2.63	\$1,827.15
Culvert Outlet Repair	CR45-4.896	\$2,737.50
Culvert Replacement	CR1-2.46	\$7,398.65
Culvert Replacement	CR2-0.625, CR2-0.631	\$18,151.40
Culvert Replacement	CR10-4.60	\$6,832.27
Culvert Replacement	CR12-1.61, CR12-1.658	\$14,541.01
Culvert Replacement	CR13	\$50,258.13
Culvert Replacement	CR35-1.87	\$25,645.17
Culvert Replacement	CR35-1.982	\$9,481.63
Culvert Replacement	CR38-2.69, CR38-2.77	\$9,597.09
Culvert Replacement	CR40-0.741	\$38,094.13
Culvert Replacement	CR47-1.295	\$52,297.20
Culvert Replacement	CR61-0.32	\$4,260.95
Culvert Replacements	CR2 East	\$60,735.23
Culvert Replacements	CR18	\$88,088.86
Culvert Replacements	CR77-5.908, CR77-6.463	\$28,676.68
Culvert Replacements	CR82	\$42,653.52
Culvert Replacements	CR96	\$26,211.73

Total Culvert Project force account costs for 2025 = \$487,488.30

Culvert Replacements – Contracted/Funded (Excludes FEMA & EMA projects)

NONE

ROADWAY REPAIRS AND MAINTENANCE

Road Repairs In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Base Repair & Underdrain	CR91	\$23,124.92
Base Repairs	CR48	\$42,374.74
Chip & Seal	CR2 East	\$72,906.61
Chip & Seal	CR12 & CR16 (Stafford to Webb Pad)	\$53,665.55
Chip & Seal	CR14 (Pleasant Ridge to Whitacre 702 Pad)	\$17,086.38
Chip & Seal	CR14 (Sycamore to SR260)	\$11,142.51
Chip & Seal	CR18	\$122,892.73
Chip & Seal	CR35 (TR17 to CR53)	\$36,100.94
Chip & Seal	CR45	\$89,972.37
Chip & Seal	CR48	\$7,968.69
Chip & Seal	CR100	\$20,567.21
Chip Seal	CR12 (Conner Ridge to SR 26)	\$88,031.15
Cold Mix Road Leveling	CR14 (CR16 to TR303)	\$34,841.16
CR101 Leveling w/ Millings	CR101	\$6,447.53
Fall Cold Mix		\$24,392.84
Hot Mix Patching	CR15	\$78,532.50
Hot Mix Patching	CR96	\$16,487.70
Road Elevation Adjustment	CR47	\$15,678.17
Road Leveling	CR9	\$10,000.52
Road Profiling	CR47-1.65	\$26,333.70
Shoulder Stone Erosion Repair	CR22-1.30	\$2,163.17

Total Road Repairs Project force account costs for 2025 = \$800,711.09

Emergency Services

Snow & Ice Removal - County forces provide snow & ice removal for all 362 miles of County Roads during the winter months. In 2025, a total of \$665,877.70 was spent on this service.

Debris & Tree Removal – County forces respond AFTER HOURS to trees and debris that fall into the roadway, causing a hazard for the traveling public. In 2025, over 244 man-hours were spent for a total of **\$10,404.04** in OVERTIME Labor costs for this service. Equipment and fuel costs are not included in the total. Debris & Tree removal during normal business hours is not included in the total.

All Emergency service costs are paid from by the County Engineers Budget.

Roadside Mowing

County-Wide Road side mowing - County forces provide roadside mowing for all 362 miles of County Roads throughout the year, with a goal to make at least 2 passes on each road annually and spend as much time as feasible to make additional passes to increase the width we can clear along the roads. In 2025, a total of **\$636,523.96** was spent on this service.

Labor = \$313,223.83 (8719.5 man-hours)

Equipment Usage = \$323,300.13

Miscellaneous Road Improvements In-House/Force-Account

Project Type	Route/Location	Force Account Cost
2025 County Wide Sign Installation	Various County Roads	\$21,139.97

Total Miscellaneous Road Improvement Project force account costs for 2025 = \$21,139.97

Miscellaneous Road Improvements Contracted

County Road 2 East Asphalt Mill & Fill Repairs – Russell Standard was contracted to perform Asphalt Mill & Fill patch repairs on specific locations of County Road 2 East, for a total cost of \$22,835.50. This work was funded through the Engineers Budget.

County Road 10-3.20 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.20 log point location on County Road 10, where an accident has caused damage to the asphalt surface, for a total cost of \$11,211.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 18 Asphalt Mill & Fill Repairs– Parnell & Associates, Inc. was contracted to perform asphalt repairs at specific locations on County Road 18, for a total cost of \$60,854.00. This work was funded through the Engineers Budget.

County Road 28 Asphalt Mill & Fill Repairs – Shelly and Sands, Inc. was contracted to perform Asphalt Mill & Fill repairs at specific location on County Road 28, for a total cost of \$30,239.60. This work was funded through the Engineers Budget.

County Road 28-3.57 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.27 log point location on County Road 28, where an accident has caused damage to the asphalt surface, for a total cost of \$19,900.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 91 Asphalt Mill & Fill Repair – Ohio West Virginia Excavating was contracted to perform an asphalt Mill & Fill at one location, for a total cost of \$18,096.50. This work was funded through the Engineers Budget.

County Road 100 Asphalt Mill & Fill Repairs – Ohio West Virginia Excavating was contracted to perform asphalt repairs at specific locations on County Road 100, for a total cost of \$21,232.00. This work was funded through the Engineers Budget.

Miscellaneous Road Improvements Funded

Ohio Department of Development (ODOD) Roadwork Development Grant – The Monroe County Engineers Office applied and received \$1,500,000 in 629 Road Development Funds to make repairs and improvements to County Road 26, Beautiful Ridge Road, specifically at the 5.72-mile marker, where there is a failed piling wall. These funds were awarded to replace the piling wall and make repairs/improvements to County Road 26. The 5.72-slip was repaired in 2024 and left a remaining balance of \$438,581.75 in the grant funding. ODOD confirmed permission to utilize this remaining funding towards additional repairs at the 6.78-mile marker, as well as other locations along the roadway. The

6.78 slip was repaired in 2025, along with several asphalt and shoulder repairs, to expend the remaining balance of the original grant.

Transportation Improvement District Grant – In addition to the construction funding provided by ODOD (above) for construction of the CR26-6.78 slip repair, Monroe County applied and was awarded \$90,000 in Transportation Improvement District (TID) funding, for the geotechnical investigation and design plans for the slip repair. Design work was awarded to ADR & Associates, an was completed in December 2024, for a total cost of \$63,780.00. The remainder of the grant cannot be used on any other work items and therefore will not be utilized by Monroe County.

Office of Jobs and Commerce (ODOT) Grant – In 2025, an additional \$50,000 in grant funding was secured to complete all remaining improvements on County Road 26, by supplementing the ODOD and TID grants noted above. Asphalt repairs and shoulder build-up were completed in 2025, with a small amount of work anticipated to be complete in 2026, to expend the remaining balance of grant funds.

BRIDGE IMPROVEMENTS AND REPAIRS

In-House/Force Account

Project Type	Route/Location	Force Account Cost
Bridge Guardrail Repair	CR12-1.07 Bridge	\$4,730.85
Bridge Maintenance	CR29-2.40	\$11,376.40
Bridge Repairs	CR77-4.64	\$1,474.02
Bridge Repairs	Seneca TR636-2.16 Bridge	\$11,636.56

Total Bridge Project force account costs for 2025 = \$29,217.83

Contracted/Funded

CR14-4.98 Bridge – Shelly and Sands, Inc. was awarded a spot mill and overlay repair at the CR14-4.98 bridge, for a total cost of \$14,000.00. This repair was paid for through the Engineers Budget.

TR183-0.13 Bridge replacement project design-build scope was completed in 2022. The original contract was cancelled and the bridge was combined with the TR183-0.50 bridge replacement, with construction being completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



TR183-0.13 Bridge was replaced in 2025

(Old – top photo)

(New – bottom photo)



TR183-0.50 Bridge replacement was combined with TR183-0.13 bridge replacement and construction was completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



**TR183-0.50 Bridge
was replaced in 2025**

**(old – top photo)
(new – bottom photo)**



TR1004-2.27 Bridge replacement design for this project will be completed by summer of 2024. The bridge is slated for construction to be complete in 2026. The design costs and construction will be shared funding through Federal Land Access Program, Ohio Public Works Funds and County Engineer budget funds.



TR1004-2.27 Bridge to be replaced in 2026

TR2214-0.06 Bridge Replacement - design for this project was completed in 2025, with construction slated for 2026. The design costs and construction are funded through FHWA/LBR Program Funds.



TR2214-0.06 Bridge to be replaced in 2026

CR44-1.60 Bridge Replacement (Design) – Design for this project will be funded through 90% Transportation Improvement District Grant and 10% County Engineer local funds. Design is anticipated to be completed in 2026, and the County Engineers office will then apply for construction funding for replacement.



TR562-1.82 Bridge Replacement - Design for this project will be funded through 100% Surface Transportation Block Grant. Construction funds have been secured through Local Bridge Program for 80%, with the County Engineer planning to match the 20% remaining with local funds. Design is anticipated to begin in 2027, and the construction funding is set for fiscal year 2030.



OIL & GAS ACTIVITY

There are currently 13 different Oil & Gas Companies with at least one active RUMA in Monroe County. Over the past few years, several of the previous companies have merged or sold to form larger singular operators, and in the process, RUMAs have been combined into a “Master RUMA” which contains a list of all affected roadways for each Operator. Below is a summary of RUMA activity:

O & G RUMA Activity Summary	2025	2024	2023	2022	2021	2020	2019	2018
New RUMAs	6	5	12	3	6	7	13	30
Renewed RUMAs	24	4	5	5	6	42	46	19
Terminated/Modified RUMAs	*Only partial RUMA terminations occurred this year.	17	4	4	*several RUMAs terminated to create a Master RUMA for each Operator	11	19	35
Total Number of Operators with at least one RUMA	13	13	13	14	14	19	23	23

As part of their activities, these Oil & gas Companies often need to improve the County’s current infrastructure. The following table is a summary of the Infrastructure Improvements made by Oil & Gas Companies in 2025. Maintenance items such as dust control and temporary patching are not included in this list.

<i>Company</i>	<i>Road #/Name</i>	<i>Improvement/Work Done</i>	<i>Total Cost of Improvements</i>
Antero	CR12, Stafford Hill & CR16, Sandbar Road	Asphalt spot repairs	\$23,996.65
Antero	CR14, Long Run Road	Asphalt spot repairs	\$7,936.50
Antero	CR39, Harper Ridge Road	Asphalt spot repairs	\$9,801.68
Antero	CR69, Walter Ridge Road	Asphalt spot repairs	\$7,336.76
Antero	CR100, Keylor Hill Road	Asphalt spot repairs	\$32,799.79
Markwest	CR100, Keylor Hill Road	Aggregate spreading and road repairs from RUMA activity	\$70,000.00
Diversified	CR58, Krieg Road	Emergency Slip Repairs (EMA local match)	\$111,837.18
EQT	CR4, Sykes Ridge Road	Asphalt spot repairs	\$42,687.03
EQT	CR26, Beautiful Ridge Road	Asphalt spot repairs	\$23,257.08
EQT	CR26, Beautiful Ridge Road	Emergency Slip Repairs (EMA local match)	\$154,068.05
EQT	CR43, Long Ridge Road	Emergency Slip Repairs (EMA local match)	\$201,549.04
EQT	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$69,287.88
Gulfport Appalachia	CR5, Atkinson Run Road (North)	Road Improvements for RUMA (FDR + Pave)	\$281,754.40
Gulfport Appalachia	CR1, Kings Highway	Asphalt spot repairs	\$26,772.46
Gulfport Appalachia	CR61, Egger Ridge Road	Road Improvements for RUMA (FDR + Pave)	\$926,078.67
Expand Energy	CR10, Benwood Road	Emergency Slip Repairs (EMA local match)	\$48,526.39
Expand Energy	CR38, Headley Ridge Road	Asphalt Overlay	\$359,043.35
Expand Energy	CR38, Headley Ridge Road	Emergency Slip Repairs (EMA local match)	\$196,536.66
Expand Energy	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$101,062.52
Expand Energy	CR96, Baptist Ridge Road	Asphalt Overlay	\$274,020.00
Expand Energy	CR96, Baptist Ridge Road	Emergency Slip Repair (EMA local match)	\$33,686.50
TOTAL			\$3,002,038.59

COUNTY ENGINEER FUNDING, REVENUE & EXPENDITURES SUMMARY

Projects Summary

Road & Bridge Funding Summary	2025	2024	2023	2022	2021	2020	2019	2018
In-House/Force Account Funds	\$2,905,896.22	\$1,417,506.72	\$2,296,723.24	\$2,389,943.55	\$2,285,644.39	\$1,772,341.29	\$1,670,724.37	\$968,357.29
County Engineer (local match) funds, including loans	\$1,147,112.92	\$1,633,063.91	\$987,216.54	\$1,308,675.73	\$1,033,556.23	\$489,568.83	\$459,055.10	\$573,854.21
County General Funds	\$75,000.00	\$75,000.00	\$228,750.00	\$75,000.00	\$75,000.00	\$75,000.00	\$102,690.00	\$410,773.62
Oil & Gas Funds	\$3,002,038.59	\$800,997.19	\$2,604,384.26	\$1,566,324.69	\$2,321,668.18	\$4,795,921.00	\$10,401,034.55	\$9,610,872.72
CDBG Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255,750.00	\$0.00
FHWA/ODOT Funds	\$1,062,446.60	\$2,116,950.29	\$3,894,271.25	\$708,938.31	\$2,319,559.46	\$51,795.38	\$1,778,428.08	\$1,089,558.59
OPWC Funds	\$122,450.36	\$2,294,923.27	\$1,680,187.80	\$367,961.31	\$1,211,814.10	\$603,596.70	\$652,275.00	\$400,000.00
Ohio Department of Development Funds	\$438,581.75	\$993,618.25	\$67,800.00					
FEMA/EMA Funds	\$4,775,127.48	\$1,978,835.88	\$1,731,927.50	\$6,466,539.68	\$10,141,475.94	\$5,290,496.00	\$4,734,455.77	\$567,976.81
NRCS Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$1,023,643.58	\$0.00	\$0.00	\$0.00
Federal Land Access Program Funds	\$126,895.97	\$53,074.42	\$31,280.22	\$0.00	\$456,583.00	\$0.00	\$0.00	\$0.00
Transportation Improvement District Funds	\$0.00	\$57,402.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00
USDA Funds	\$0.00	\$0.00	\$0.00	\$288,000.00	\$0.00	\$297,000.00	\$0.00	\$141,000.00
TOTALS	\$13,655,549.89	\$11,421,371.92	\$13,522,540.81	\$13,171,383.27	\$21,068,944.88	\$13,375,719.20	\$20,054,412.87	\$13,762,393.24
NOTE: Not all Oil & Gas Expenditures were reported by Operators for 2024								


County Engineer Budget – 2025 Revenue Summary

DESCRIPTION	2025 EOY FINAL	% of TOTAL
GASOLINE TAX	\$4,039,668.80	47.5%
INTEREST	\$23,101.23	0.3%
MOTOR VEHICLE LICENSES	\$979,154.21	11.5%
PERMISSIVE MVL	\$82,297.75	1.0%
COUNTY COURT FINES	\$11,346.40	0.1%
JUVENILE COURT FINES	\$52.50	0.0%
MISC. INSURANCE & COBRA PAY-IN	\$0.00	0.0%
SPECIAL HAUL PERMITS	\$20,400.00	0.2%
RIGHT OF WAY PERMITS	\$4,040.00	0.0%
SALE & SERVICE	\$40,638.65	0.5%
(National Forest Sales)	\$12,867.26	0.2%
REFUND &/OR REIMBURSEMENT	\$846,979.92	10.0%
TRANSFERS IN	\$163,693.32	1.9%
ADVANCES IN	\$1,203,103.55	14.1%
OTHER RECEIPTS	\$15,000.00	0.2%
OIL & GAS RECEIPTS	\$1,060,233.66	12.5%
TOTAL	\$8,502,577.25	100%

County Engineer Budget – 2025 Expenditures Summary

DESCRIPTION		2025 EOY FINAL	% of TOTAL
SALARIES OFFICIALS		\$113,151.00	1.39%
SALARIES EMPLOYEES		\$1,360,947.31	16.73%
SUPPLIES		\$1,781.59	0.02%
TAX MAP SUPPLIES		\$8,210.52	0.10%
UNIFORMS & PPE		\$8,081.82	0.10%
WELDING SUPPLIES		\$4,010.31	0.05%
ROAD MATERIALS		\$894,751.73	11.00%
EQUIPMENT		\$694,378.32	8.54%
CONTRACT REPAIRS (O&G)		\$111,837.18	1.38%
CONTRACT SERVICES (ISSUE II COUNTY)		\$7,657.64	0.09%
CONTRACTS		\$455,614.47	5.60%
EMA CONTRACTS		\$1,579,566.34	19.42%
ODOT		\$355,087.46	4.37%
TRAVEL EXPENSES		\$1,000.00	0.01%
ADVERTISING & PRINTING		\$5,044.57	0.06%
PERS/STRS		\$200,231.91	2.46%
WORKERS COMPENSATION		\$15,459.67	0.19%
UNEMPLOYMENT COMP.		\$0.00	0.00%
OTHER EXPENSES		\$18,804.47	0.23%
RIGHT OF WAY PERMITS -Expense		\$1,225.00	0.02%
TRANSFERS		\$0.00	0.00%
ADVANCES OUT		\$950,000.00	11.68%
INSURANCE		\$365,468.61	4.49%
GROUP & LIABILITY		\$17,558.84	0.22%
LEGAL FEES		\$0.00	0.00%
NOTES		\$0.00	0.00%
FUEL		\$174,893.66	2.15%
UTILITIES		\$28,287.48	0.35%
DOT TESTING		\$2,017.50	0.02%
PRINCIPAL - USDA LOAN		\$56,800.00	0.70%
INTEREST-USDA LOAN		\$8,335.76	0.10%
OPWC LOAN		\$33,011.48	0.41%
VEHICLE MAINT.(IN HOUSE)		\$151,413.03	1.86%
VEHICLE (OUTSIDE REPAIRS)		\$127,162.29	1.56%
LEASES		\$0.00	0.00%
MEDICARE TAX		\$20,322.58	0.25%
DUES		\$220.00	0.00%
BUILDING & GROUNDS MAINTENANCE		\$102,646.14	1.26%
OFFICE MAINTENANCE		\$18,366.89	0.23%
SIGNS		\$15,026.77	0.18%
BRIDGE MATERIALS		\$6,111.84	0.08%
CONTRACTS		\$123,657.25	1.52%
BRIDGE CREDITS		\$95,000.00	1.17%
CONTRACT BRIDGES		\$0.00	0.00%
PERSONEL EXPENDITURES		\$2,104,459.24	25.9%
NON-PERSONEL EXPENDITURES		\$6,028,682.19	74.1%
TOTAL		\$8,133,141.43	100.0%

FUNDING & THE FUTURE

FUNDING SUMMARY SHEET (2017-PRESENT)				
				
Project Type	GRANTS RECEIVED	LOANS RECEIVED	LOCAL MATCH	TOTAL FUNDED PROJECTS COSTS
Bridge	\$10,440,164.05	\$350,000.00	\$706,503.35	\$11,496,667.40
Bridge Load Ratings	\$393,247.52	\$0.00	\$27,720.24	\$420,967.76
Road	\$13,548,992.19	\$1,220,153.97	\$3,396,127.77	\$18,165,273.93
Drainage	\$950,000.00	\$0.00	\$75,000.00	\$1,025,000.00
Safety	\$680,670.83	\$0.00	\$40,181.53	\$720,852.35
Sign	\$96,287.44	\$0.00	\$8,696.01	\$104,983.45
Equipment	\$747,988.46	\$576,000.00	\$20,000.00	\$1,343,988.46
Guardrail	\$312,000.00	\$0.00	\$0.00	\$312,000.00
Slip Repair/Flood Damage	\$54,038,066.63	\$0.00	\$6,234,586.22	\$60,272,652.85
TOTALS	\$81,207,417.12	\$2,146,153.97	\$10,508,815.11	\$93,862,386.20
	87%	2%	11%	100%

The County Engineers office takes pride in being able to “stretch a dollar” and find creative ways to accomplish the large amount of work needed, with a less-than-adequate budget. The table above shows just how well we have been able to do that in the past 9 years, with 87% of all funded projects being covered with money OTHER than County funds. You can also see how important it is to be able to supply Local Match money. A mere 13% of match money/loans has afforded the County over \$81,000,000.00 in road, bridge and infrastructure improvements or repairs.

With the constant increase in material and equipment costs, projects will continue to grow in price. Despite the diligent efforts of our crews and the large amount of funding we are able to secure, the County Engineers office still continues to be underfunded. As you can see from the summary above, the majority of the funding received is for slip repairs or weather-related damages, rather than pavement or bridge replacements/rehabilitation project. We will continue to prioritize projects based on impact to the public, funding availability and other pertinent factors. Despite the overwhelming amount of work that lies ahead for the County, we will continue to plan and make the most of our funds available. The following table outlines future projects that have funding secured and will be completed over the next few years.

2026 & FUTURE FUNDING

**Projects listed in ITALICS are PENDING FUNDING APPROVAL*

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)	Funding Year(s)
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88	2026
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03	2026
Bridge	MOE-TR562-1.82	80% (Use Bridge Credits for 15% additional)	\$1,970,000.00	2030
<i>Bridge</i>	<i>MOE CR-0029-0309</i>	80%	<i>\$1,160,000.00</i>	<i>2031</i>
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00	2026
<i>Bridge Design</i>	<i>TR562-1.82</i>	<i>90% with \$200,000 cap</i>	<i>\$225,000.00</i>	<i>FY2027</i>
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Offit of Jobs and Commerce \$50,000 max	\$1,550,000.00	FY2024
Road Improvement	CR16 & CR44	CSTP 80%, max \$2,000,000 RTPO-STBG \$200,000 max	\$2,600,000.00	FY2029
Road/Resurfacing	CR9	\$400,000 (OPWC Grant) \$297,999.90 (OPWC Loan) \$337,562.45 Local Match \$256,687.35 OhioEMA	\$1,292,249.70	FY2027
Road/Resurfacing	CR48/CR17	\$500,000 MAX (Local Roads) \$400,000(OPWC grant)	\$1,250,354.65	FY2027
Road/Resurfacing	CR81 1.07-2.33	RTPO-STBG \$213,495.6	\$213,495.60	FY2026
<i>Road/Resurfacing</i>	<i>CR40 Road Improvement Project</i>	<i>\$1,000,000 (FLAP), \$400,000 (future OPWC), \$175,647 Local</i>	<i>\$1,575,647.00</i>	<i>FY2027-2029</i>
<i>Road/Resurfacing</i>	<i>CR2 0.00-1.785 Road Improvement Project</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$114,180 Local Match</i>	<i>\$1,014,180.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR2 EAST RESURFACING</i>	<i>\$500,000 max Local Roads, \$31,887 Local Match</i>	<i>\$531,887.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR12 2.073-5.501 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$1,263,852 Local Match</i>	<i>\$2,163,852.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR96 0.98-3.78 RESURFACING</i>	<i>\$500,000 max Local Roads, \$19,300 Local Match</i>	<i>\$519,300.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR101 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$383,519 (future OPWC grant)</i>	<i>\$883,519.00</i>	<i>FY2029</i>
Safety study	Intersection/Corridor Study	90%	\$12,000.00	FY2026
Sign	Sign Upgrade Project - Various Signs	80%	\$13,000.00	FY2026
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39	2024
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77	2024
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00	2025

Monroe County Engineer
Amy M. Zwick, P.S., P.E.
Annual Report for 2025

January 28, 2026

Per the Ohio Revised Code, Section 5543.02, I am providing an annual report for the review and record of the Monroe County Commissioners. This report will provide a summary of the activities during the calendar year on County-owned roads, bridges and other infrastructure.

The County Engineers office is responsible for the maintenance and upkeep of **361.94 miles¹** of County Roads, including all drainage, culverts, signs, mowing, guardrail, snow/ice treatment and embankment stability. The Engineer's office is also responsible for all bridges on County Roads, and bridges on Township Roads. The current number is **179 bridges** on the County Engineers inventory.

The County Engineers budget is financed through a gasoline tax and a vehicle registration tax, as well as minor income from permit fees and sales/services. For several years, this financing has been extremely lacking, limiting the Engineers office's ability to maintain roads and bridges at a safe and good condition. Whenever possible, Federal grant money and Ohio Public Works funds have been applied for, to replace those lacking funds. In more recent years, Oil & Gas industry has moved into Monroe County and the Operators have contributed significantly to the upgrade/improvements of the County's infrastructure. In 2020 and continuing through 2024, Oil & Gas activity took a major downturn in Monroe County, which is reflected in the decrease in permits, RUMAs, and road upgrades/improvements.

In a continued effort to generate additional income and close the gap in the Engineers needed funds, the option of enacting additional permissive vehicle registrations has been discussed multiple times. The Commissioners held the two required public hearings in April 2019. Based on public input, the motion was made against enacting any additional permissive taxes at this time. This topic was revisited in discussions between Commissioners and Engineers offices since 2019, but has not been pursued any further.

Thanks to the efforts of many individuals across Ohio, in mid-2019 the State approved an increase in the rate and modification of the distribution of revenue from motor fuel excise taxes (fuel tax). This increase took effect July 1, 2019. Projected data for 2020 indicated that each County Engineer would receive an additional \$1 to \$1.5 million. Unfortunately, with the COVID-19 pandemic occurrence, the impact of the fuel tax increase was offset by the sudden decrease in fuel consumption. The long-term effect of COVID-19 on remote-working is anticipated to reduce the fuel consumption permanently, with an estimate of 25% reduction in fuel excise tax income for County Engineers.

While the County Engineers office continues to stretch each dollar as far as we can, by applying for as many grants as we can afford to match, performing work in-house when cost-effective, and working with Oil & Gas operators to cost-share on projects, the funds required to maintain "status-quo" are still not able to be met solely on the Engineers budget alone. Future plans of additional funding sources will need to be seriously considered, in order to prevent our county infrastructures deterioration.

Please continue to the following pages for more detailed information on the projects and activities of the Engineers Office in 2025.

¹ Due to the LBRS Incorporation of Monroe County in February 2023, a bulk milage update was made to the County inventory mileage. A total of -9.860 miles was removed based on more recent measurement tools.

COUNTY PERMIT SUMMARY

Special haul permits

Special Haul Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	203	143	236	282	340
Total permit fees received	22500	\$18,500.00	\$24,650.00	\$32,425.00	\$33,775.00
Total fees paid to consultants	0	\$0.00	\$0.00	\$0.00	\$0.00
Total bridges analyzed (at least once)	0	4	7	1	9
Total bridges analyzed that were not passable	0	0	2	0	2

Right of Way Work permits

Right-of-Way work Permits Summary	2025	2024	2023	2022	2021
Total Permits Approved	116	128	95	106	109
Total permit fees received by County	\$3,500.00	\$4,550.00	\$3,490.00	\$3,580.00	\$3,830.00
Total permit fees paid to Townships	\$425.00	\$1,400.00	\$100.00	\$550.00	\$500.00

COUNTY EQUIPMENT PURCHASES/SALES

Since the onset of the COVID-19 pandemic, trucks and equipment purchases have been delayed and/or there are significant backlogs in production. The new trend that seems to be forming is to order a truck or new equipment, then wait more than 12 months for delivery. In some cases, the number of orders being taken per year is limited, and the option to order is not even possible. Below is a summary of equipment purchases made in recent years, with notes where equipment funds were encumbered in one year, but the equipment was not received until the following year or after:

Equipment	2025	2024	2023	2022	2021	2020	2019
2020 f450 Regualr Cab Truck x 1							\$40,136.00
2021 International HV507 Dump w/ Plows x 2						\$296,728.46	
2018 Case 621G Wheel Loader						\$139,750.00	
2016 Gradall D152						\$149,900.00	
2019 Bomag Roller						\$99,900.00	
2018 Bomag Roller					\$47,500.00		
2018 Felling Tilt Trailer (Used)					\$4,605.13		
2022 F250 Regualr Cab Truck					\$35,712.00		
John Deere 6110M Tractor x 2				Received	\$159,534.72		
Alamo 22' Samurai Boom Mower x 2				Received	\$107,254.40		
2022 F250 Regular Cab Truck			Received	\$37,175.00			
2022 F250 Regular Cab Truck			Received	\$45,420.00			
2023 F450 Regular Cab, Dump Bed & Plow			\$103,688.00	Ordered			
2023 International HV507 Dump Truck x 2	delivered 9/2/25	\$377,797.32	Pending	Ordered			
2024 Kobelco SK85CS		\$133,688.50					
Kent FRD F9 Hammer		\$20,080.00					
2023 Ford F-250 Pick up	\$49,755.00						
2025 John Deere 210P	\$258,900.00						
Total	\$308,655.00	\$531,565.82	\$103,688.00	\$82,595.00	\$354,606.25	\$686,278.46	\$40,136.00
*Anticipated receipt in 2023 - not received. Funds carried over to 2025							

As vehicles and equipment age through use, or normal course of technology improvements, they reach a point where they become obsolete, unfit or unneeded for public use. At this point the Engineers Office requests approval from the Commissioners to dispose of these pieces of equipment, either through sale or proper method of disposal. No equipment was sold or disposed of in 2025.

TAX MAP SUMMARY

The Monroe County Tax Map office is maintained through a combined effort of the County Engineer and County Auditor. Two employees work diligently to not only maintain the basic functions of the tax map office, but also to improve and add on to property information, as they are able. One of the many functions that the Tax Map office handles, is the transfer of parcels. Below is a summary of those parcels transferred each year.

Tax Map Summary	2025
Parcels transferred (at least once)	946

The tax map office was also able to redraft over 2100 parcels to match their deeds/surveys and integrate the County GIS Enterprise deployment with the County Auditor's new Vision system.

PERSONNEL ACTIVITY

Retirements

Janine Reagan, Confidential Secretary, retired April 30, 2025 with 34 years of service to the County

Promotions

John Hupp, promoted to Equipment Operator, April 27, 2025

Jacob Nalley, promoted to Equipment Operator, April 28, 2025

Shane Bondy, promoted to Truck Driver, May 11, 2025

Shawn Ferrell, promoted to Road Foreman, October 13, 2025

Kasen Kinzy, promoted to Truck Driver, November 24, 2025

Shane Bondy, promoted to Equipment Operator, December 21, 2025

New Hires/Transfers

Tim Childress, Laborer in Bargaining Unit, hired September 2, 2025

Tanner Kurtz, Laborer in Bargaining Unit, hired October 6, 2025

Brody Carpenter, Laborer in Bargaining Unit, hired November 3, 2025

Fred Anderson, Laborer in Bargaining Unit, hired November 17, 2025

Resignations/Terminations

John Williams, Road Foreman, resigned June 12, 2025

Taylor Kinzy, Laborer in Bargaining Unit, resigned September 5, 2025

Fred Anderson, Laborer in Bargaining Unit, resigned November 26, 2025

John Hupp, Equipment Operator in Bargaining Unit, resigned November 28, 2025

Tim Mahoney, Truck Driver in Bargaining Unit, resigned December 14, 2025

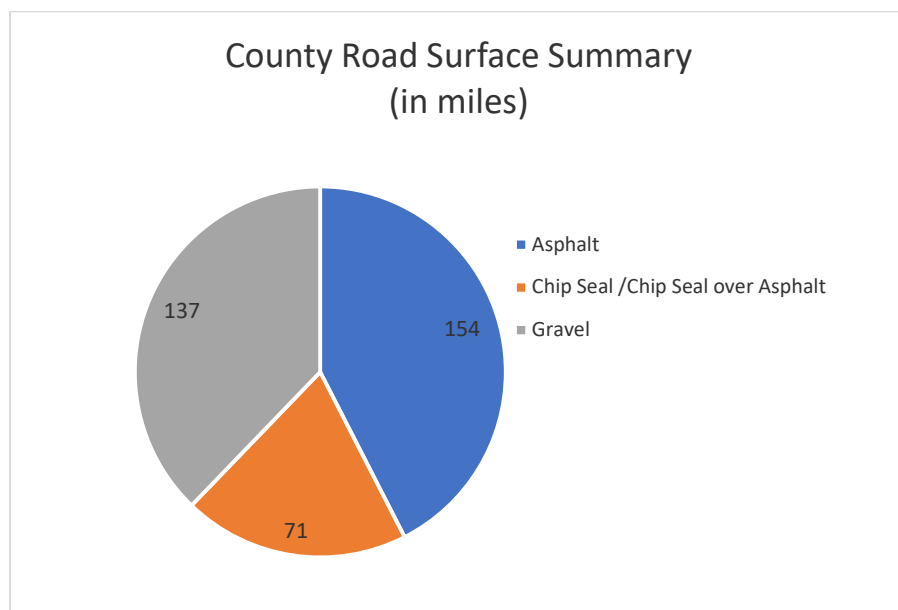
Seasonal Hires

The Engineers Office typically hires seasonal (summer) employees to assist with the increased work load that generally occurs during the summer months. For the 2025 summer season, five seasonal employees were hired to work various timeframes between May and September. These seasonal workers greatly increase our ability to form multiple work crews and complete several more projects than in the off-season. The total cost for all seasonal employees for 2025 was \$12,860.30 (1189 hours).

ROAD & BRIDGE INVENTORY

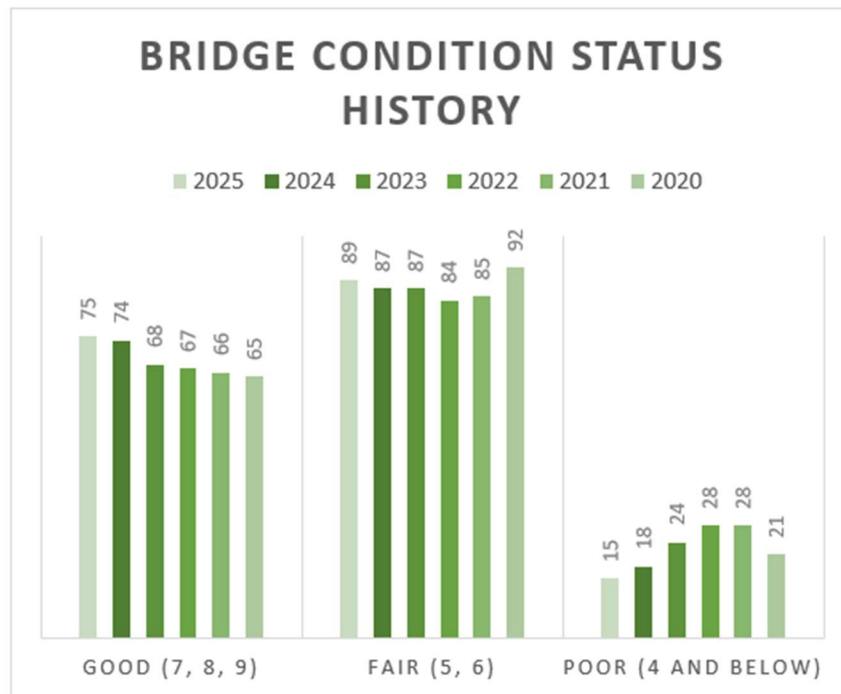
Monroe County roads are composed of a combination of three types of road surfaces: Asphalt, Chip Seal and Gravel. In recent years, Oil & Gas operators have upgraded several miles of County roads that were previously gravel or chip seal, to asphalt. However, the County Engineers budget does not provide enough to maintain the increased asphalt surfaces, nor to upgrade chip seal or gravel surfaces to asphalt. The trend is now to chip seal over asphalt roads for preservation purposes and return once-hard surface roads to gravel, if the traffic volume is low enough to warrant. You may also note the change in total road mileage from 2023 to 2024. Please refer to Page 2 of this report for an explanation regarding that change.

Road Surface Type	Miles (2017)	% in 2017	Miles (2025)	% in 2025
Asphalt	160	43.17%	154	42.48%
Chip Seal /Chip Seal over Asphalt	55	14.71%	71	19.72%
Gravel	156	42.12%	137	37.80%
Total	371		362	



All bridges on the County inventory are inspected at least annually and rated on a scale from 1-9, with “9” being new or like new condition. Below is a summary of the rating conditions from 2025 for all bridges on the County inventory.

	2025	2024	2023	2022	2021	2020	
Bridge Inventory Condition Status	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	# of Bridges	2025%
Good (7, 8, 9)	75	74	68	67	66	65	41.90%
Fair (5, 6)	89	87	87	84	85	92	49.72%
Poor (4 and below)	15	18	24	28	28	21	8.38%
Total	179	179	179	179	179	178	100.00%



When a bridge is unable to support the required Ohio Legal Loadings, it is load-posted with signage to indicate to the traveling public what weights are allowed to cross the structure safely. Below is a summary of the posted bridges over the past years.

Load Posted Bridges	2025	2024	2023	2022	2021	2020	2019
Number of Posted Bridge	31	34	34	35	34	31	32
% of Total	17.32%	18.99%	18.99%	19.55%	18.99%	17.42%	17.98%

FUNDED PROJECTS SUMMARY – COMPLETED & ACTIVE

Each year the County Engineers office applies for several types of funding, which have specific targets or qualifications that determine what roads, bridges, etc. the funding can be used on. Nearly every funding source also requires local participation through funding match or in-house contributions of labor, equipment and/or materials. Below is a summary of the projects either completed or on-going in 2025, with funding sources associated. Rows that are shaded are complete and the rows with white background are on-going. More details on each project will be included in the following sections of this report.

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)
Bridge	MOE-T0183-00.50 (Combined with TR183-0.13)	100% Design/Construction	\$1,144,599.05
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00
Bridge Load Rating	LBR Load Rating FY25	80% LBR, 20% Local, max \$9679	\$12,696.00
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Office of Jobs and Commerce \$50,000 max	\$1,550,000.00
Sign	Sign Upgrade project - Various signs	80%, max \$9600, County must pay for installation	\$13,159.93
Slip Repair	CR26-6.78 Slip Repair Design	TID \$90,000 MAX	\$63,780.00
Slip Repair	CR81-2.00	OPWC 90%, Local 10%	\$136,055.95
Slip Repairs/Flood Damage (2019)	County-wide FEMA disaster 4424	FEMA 75%, State 25%	\$17,954,785.60
Slip/Flood Damage (January 2023)	County-wide State disaster (January)	EMA 75%, Local 25%	\$1,147,050.52
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00

Infrastructure Improvements, Repairs & Maintenance

The County Engineers Office manages several types of projects each year in order to maintain, and improve our County's Roads and Bridge system. Routine project types are:

- (1) Slip Repairs
- (2) Culvert Repairs & Maintenance
- (3) Road Repairs & Maintenance
- (4) Bridge Repairs & Maintenance

These infrastructure improvements, repairs and maintenance are achieved through a number of methods:

- (1) In-house/Force Account – County employees, equipment and material are used
- (2) Contracted out – County awards project(s) to contractor(s). Typically, this is done when the County forces are unable to perform the work needed.
- (3) Outside entity contract – An entity other than the County contracts work to be done on County-owned infrastructure through a Road Use agreement or permit. Typically, this will be done by an Oil & Gas Operator.
- (4) Funded - Funding authority awards project(s) to contractor(s). This can include funds that the County applied for, or funds that were made available due to a weather event, such as flooding.

In the following several sections, summaries and information will be provided on the many different types of projects completed this year.

SLIP REPAIRS

Slip Repairs In-House/Force-Account

All Force Account slip repairs completed in 2025, were funded through Ohio EMA and are included in the lists in the following EMA sections.

Slip Repairs Contracted

All Contracted Slip repairs completed in 2025 were through funding sources listed in the sections below and were funded as noted.

Slip Repairs OPWC Funded

CR81-2.00 - The County Engineers office prepared the design plans for a Drilled Shaft H-Piling retaining wall. Construction was awarded to Ohio-West Virginia Excavating for a total cost of \$130,108.00 and construction inspection was performed by the County. Ohio Public Works Emergency funds were used to pay 90% of all project costs, with the Engineers office supplying the in-kind design work, in-kind construction inspection and remainder of cash as local match.

Slip Repairs EMA Funded

2023 EMA Events (January)

Another bout of bad weather hit Monroe County in January 2023, causing a significant amount of damage, and resulting in a disaster declaration. All damages except for 3 were repaired in 2023 and 2024. The final 3 locations were completed in 2025. The table below lists damage locations for this event.

Road	Damage	Contract/Force Account	Work Complete?
CR10	Slip/mudslide	Force Account	Yes
CR105	Culvert plugged/washout	Force Account	Yes
CR11	Ditch & culverts plugging	Force Account	Yes
CR138	Culverts plugged/washout	Force Account	Yes
CR15	Slip/Mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR44	Plugged culvert, shoulder erosion	Force Account	Yes
CR13	Road washout/culvert plugged/flooding	Force Account	Yes
CR29	Slip/mudslides	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Slip/Mudslide	Force Account	Yes
CR45	Road washout/flooding	Force Account	Yes
CR57	Road washout/flooding	Force Account	Yes
CR65	Road washout/flooding	Force Account	Yes
CR72	Slip/mudslide	Force Account	Yes
CR78	Road washout/flooding/plugged culverts	Force Account	YES
CR88	Slip/mudslide (39-36-14, 81-12-15)	Force Account	Yes
CR88	Slip/mudslide (39-35-13, 81-07-51)	Force Account	Yes
CR88	Slip/Mudslide (39-35-13, 81-07-52)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR88	Slip/Mudslide (39-35-14, 81-07-54)	Force Account	Yes
CR9A-1.72	Road washout/culvert plugging	Force Account & Contract	YES
CR96	Slip/Mudslide (39.635529, 80.875451)	Oil & Gas operator completed	Yes
TR183	TR183-0.50 Bridge flooding/approach washout	Township complete - not seeking reimbursement	Yes
CR15-1.81	Slip (39-35-41, 81-14-58)	Contract - OWV & Stahl Sheaffer	YES
CR15-8.00	Slip	Force Account	No
CR22	Slip - 60 feet long	Contract	YES
CR26-4.60	Large culvert & adjacent culvert overtopped and road washout, culverts plugged	Force Account	YES
CR29-8.00	Culvert plugging/washout	Contract	YES
CR40-0.96	Road washout/flooding	Contract	YES
CR40-6.10	Slip - 70 feet long	Contract	YES
CR42-0.83	Road flooding/surface damage	Contract	YES
CR43-1.52	Slip - 60 feet long	Contract	YES
CR43-5.00	Slip & broken culvert	Force Account/Contract	YES
CR45-4.40	Slip/Erosion	Contract	YES
CR47-1.295	Culvert plugging/washout	Force Account	YES
CR47-1.65	Road washout/flooding	Force Account	No
CR47-3.97	Slip/Erosion/plugged culvert	Force Account	YES
CR72-1.954	Culvert plugged/washout	Force Account	YES
CR81-0.94	Slip	Contract - OWV & Stahl Sheaffer	YES
CR89-0.40	Road washout/flooding	Contract	YES
CR89-0.498	Culvert plugging/washout	Combination	YES
TR1206	TR1206 Bridge washout/failure	Jackson Township completed	YES
TR358	TR358 Bridge - flooding/washout of backfill	Force Account	YES

2024 EMA Events (January & April)

In both January & April of 2024, Monroe County experienced more severe storms and flooding, leading to disaster declarations and ultimately two more State Disaster Relief Program events. The below tables list the locations eligible for partial funding for repairs, through the Ohio EMA.

JANUARY 2024 DAMAGE TABLE

Road	Damage	Contract/Force Account	Work Complete?
CR27	Rockslide/mudslide	Force Account	YES
CR10	Erosion (30' length approximately)	COMBINATION	YES
CR16	Erosion (45' length approximately)	COMBINATION	YES
CR18	Slip (80' length approximately)	COMBINATION	YES
CR26	Erosion (180' length of road/stream bank)	Contract	NO
CR26	Slip (400' length approximately)	Contract	YES
CR29	Erosion (75' length of road/stream bank)	Contract	YES
CR43	3.00 Slip (160' length approximately)	Contract	NO
CR43	6.50 Slip (488' length approximately)	Contract	NO
CR5	2 sites -Erosion (40' & 30' length approximately)	Force Account	YES
CR6	Erosion (90' length of road/stream bank)	COMBINATION	NO
CR64	Erosion/Failed cribbing (80' length approximately)	COMBINATION	NO
CR64A	Slip (120' length approximately)	Contract	YES
CR68	Slip (60' length approximately)	Force Account	NO

APRIL 2024 DAMAGE TABLE

Road	Damage	Engineering Award	Construction Award	Construct Inspect Award
CR10	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR11	Mudslide	N/A	N/A	N/A
CR22	Mudslide	N/A	N/A	N/A
CR25	Mudslide	N/A	N/A	N/A
CR29	Mudslides	N/A	N/A	N/A
CR4	Mudslide	N/A	N/A	N/A
CR4	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR40	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR5	Mudslide	N/A	N/A	N/A
CR57	Mudslides	N/A	N/A	N/A
CR64	Mudslides	N/A	N/A	N/A
CR68	Mudslide	N/A	N/A	N/A
CR89	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR92	Mudslide	N/A	N/A	N/A
CR99	Culverts plugged, road flooding/washout	N/A	N/A	N/A
CR4	Mudslide/Pavement Shoving	COUNTY	Shelly and Sands	N/A
CR96	Culvert plugging/ erosion	COUNTY	COUNTY	N/A
CR1	Culvert plugging/Erosion (90')	COUNTY	COUNTY/ SHELLY AND SANDS	N/A
CR10	Slip (120')	COUNTY	OWV	COUNTY
CR10	Slip (124' approximately)	COUNTY	OWV	COUNTY
CR10	Slip (50')	COUNTY	OWV	COUNTY
CR101	Slip (100')	Stahl Sheaffer/County	OWV	COUNTY
CR105C	Road washout/surface loss	COUNTY	COUNTY	COUNTY
CR106	Slip (60')	Stahl Sheaffer/County	OWV	COUNTY
CR15	Slip (165')	COUNTY	OWV	COUNTY
CR22	Shoulder Erosion (60')	COUNTY	COUNTY	COUNTY
CR24	Slip (Failed Rock Embankment, 78' long)	Stahl Sheaffer/County	OWV	COUNTY
CR25	Slip (220')	COUNTY		COUNTY
CR25	Slip (60')	COUNTY		COUNTY
CR25	Slip (248')	COUNTY		COUNTY
CR27	Slip (130')	COUNTY	OWV	COUNTY
CR30	Slip (90')	Stahl Sheaffer/County		COUNTY
CR31	Slip (84')	COUNTY	OWV	County
CR35	Erosion (90')	COUNTY	COUNTY	COUNTY
CR37	Slip (90')	Stahl Sheaffer/County		COUNTY
CR37	Slip (95')	Stahl Sheaffer/County		COUNTY
CR37	Slip (80')	COUNTY	OWV	COUNTY
CR37	Slip (230')	COUNTY	OWV	COUNTY
CR37	Slip (58')	Stahl Sheaffer/County		COUNTY
CR37	Slip (105')	Stahl Sheaffer/County		COUNTY
CR38	Slip (85')	COUNTY	OWV	COUNTY
CR38	Road Failure (120')	COUNTY	OWV	COUNTY
CR38	Slip (263')	COUNTY	OWV	COUNTY
CR38	Slip (94')	COUNTY	OWV	COUNTY
CR39	SLIP (187')	COUNTY		COUNTY
CR39	SLIP (100')	COUNTY		COUNTY
CR39	SLIP (145')	Stahl Sheaffer/County		COUNTY
CR39	SLIP (140')	Stahl Sheaffer/County		COUNTY
CR39	Slip (120')	Stahl Sheaffer/County	OWV	COUNTY
CR40	Road Washout/Culvert headwall collapse	COUNTY	COUNTY	N/A
CR43	Slip near SR536 intersection (54')	COUNTY	OWV	COUNTY
CR43	Failed Pipe Piling Wall/Slip (104')	COUNTY	OWV	COUNTY
CR43	Slip (320')	COUNTY	OWV	COUNTY
CR47	Erosion (75')	COUNTY	Monroe Drilling LLC	COUNTY
CR57	Culvert Washout	COUNTY	COUNTY	N/A
CR58	Slip (65')	COUNTY	OWV	COUNTY
CR58	Slip (190')	COUNTY	OWV	COUNTY
CR64A	Slip (80')	COUNTY	OWV	COUNTY
CR64A	Slip (110')	Stahl Sheaffer/County	OWV	COUNTY
CR67	Slip (60')	COUNTY	COUNTY	COUNTY
CR79	Slip (140')	COUNTY		COUNTY
CR79	Slip (130')	COUNTY		COUNTY
CR79	Slip (134')	COUNTY		COUNTY
CR84	Slip (130')	COUNTY		COUNTY
CR89	Erosion (100' approximately)	COUNTY	COUNTY	COUNTY
CR89	Slip (120' approximately)	COUNTY	COUNTY	COUNTY
CR9	Slip (120' approximately - failed timber cribbing)	Stahl Sheaffer/County		COUNTY
CR9	Slip (60')	COUNTY		COUNTY
CR96	Slip (80')	COUNTY	OWV	COUNTY
CR99	Road washout/Culvert failure	COUNTY		
TR1008	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR183-0.50	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
TR530	Bridge Abutment/approach erosion	N/A	COUNTY	N/A
CR29	Culvert Plugged, mudslide	N/A	COUNTY	N/A
TR570	Bridge Abutment/approach erosion	N/A	N/A	N/A

CULVERT REPAIRS AND MAINTENANCE

Culvert Replacement In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Culvert Armoring	CR1-2.63	\$1,827.15
Culvert Outlet Repair	CR45-4.896	\$2,737.50
Culvert Replacement	CR1-2.46	\$7,398.65
Culvert Replacement	CR2-0.625, CR2-0.631	\$18,151.40
Culvert Replacement	CR10-4.60	\$6,832.27
Culvert Replacement	CR12-1.61, CR12-1.658	\$14,541.01
Culvert Replacement	CR13	\$50,258.13
Culvert Replacement	CR35-1.87	\$25,645.17
Culvert Replacement	CR35-1.982	\$9,481.63
Culvert Replacement	CR38-2.69, CR38-2.77	\$9,597.09
Culvert Replacement	CR40-0.741	\$38,094.13
Culvert Replacement	CR47-1.295	\$52,297.20
Culvert Replacement	CR61-0.32	\$4,260.95
Culvert Replacements	CR2 East	\$60,735.23
Culvert Replacements	CR18	\$88,088.86
Culvert Replacements	CR77-5.908, CR77-6.463	\$28,676.68
Culvert Replacements	CR82	\$42,653.52
Culvert Replacements	CR96	\$26,211.73

Total Culvert Project force account costs for 2025 = \$487,488.30

Culvert Replacements – Contracted/Funded (Excludes FEMA & EMA projects)

NONE

ROADWAY REPAIRS AND MAINTENANCE

Road Repairs In-House/Force-Account

Project Type	Route/Location	Force Account Cost
Base Repair & Underdrain	CR91	\$23,124.92
Base Repairs	CR48	\$42,374.74
Chip & Seal	CR2 East	\$72,906.61
Chip & Seal	CR12 & CR16 (Stafford to Webb Pad)	\$53,665.55
Chip & Seal	CR14 (Pleasant Ridge to Whitacre 702 Pad)	\$17,086.38
Chip & Seal	CR14 (Sycamore to SR260)	\$11,142.51
Chip & Seal	CR18	\$122,892.73
Chip & Seal	CR35 (TR17 to CR53)	\$36,100.94
Chip & Seal	CR45	\$89,972.37
Chip & Seal	CR48	\$7,968.69
Chip & Seal	CR100	\$20,567.21
Chip Seal	CR12 (Conner Ridge to SR 26)	\$88,031.15
Cold Mix Road Leveling	CR14 (CR16 to TR303)	\$34,841.16
CR101 Leveling w/ Millings	CR101	\$6,447.53
Fall Cold Mix		\$24,392.84
Hot Mix Patching	CR15	\$78,532.50
Hot Mix Patching	CR96	\$16,487.70
Road Elevation Adjustment	CR47	\$15,678.17
Road Leveling	CR9	\$10,000.52
Road Profiling	CR47-1.65	\$26,333.70
Shoulder Stone Erosion Repair	CR22-1.30	\$2,163.17

Total Road Repairs Project force account costs for 2025 = \$800,711.09

Emergency Services

Snow & Ice Removal - County forces provide snow & ice removal for all 362 miles of County Roads during the winter months. In 2025, a total of \$665,877.70 was spent on this service.

Debris & Tree Removal – County forces respond AFTER HOURS to trees and debris that fall into the roadway, causing a hazard for the traveling public. In 2025, over 244 man-hours were spent for a total of **\$10,404.04** in OVERTIME Labor costs for this service. Equipment and fuel costs are not included in the total. Debris & Tree removal during normal business hours is not included in the total.

All Emergency service costs are paid from by the County Engineers Budget.

Roadside Mowing

County-Wide Road side mowing - County forces provide roadside mowing for all 362 miles of County Roads throughout the year, with a goal to make at least 2 passes on each road annually and spend as much time as feasible to make additional passes to increase the width we can clear along the roads. In 2025, a total of **\$636,523.96** was spent on this service.

Labor = \$313,223.83 (8719.5 man-hours)

Equipment Usage = \$323,300.13

Miscellaneous Road Improvements In-House/Force-Account

Project Type	Route/Location	Force Account Cost
2025 County Wide Sign Installation	Various County Roads	\$21,139.97

Total Miscellaneous Road Improvement Project force account costs for 2025 = \$21,139.97

Miscellaneous Road Improvements Contracted

County Road 2 East Asphalt Mill & Fill Repairs – Russell Standard was contracted to perform Asphalt Mill & Fill patch repairs on specific locations of County Road 2 East, for a total cost of \$22,835.50. This work was funded through the Engineers Budget.

County Road 10-3.20 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.20 log point location on County Road 10, where an accident has caused damage to the asphalt surface, for a total cost of \$11,211.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 18 Asphalt Mill & Fill Repairs– Parnell & Associates, Inc. was contracted to perform asphalt repairs at specific locations on County Road 18, for a total cost of \$60,854.00. This work was funded through the Engineers Budget.

County Road 28 Asphalt Mill & Fill Repairs – Shelly and Sands, Inc. was contracted to perform Asphalt Mill & Fill repairs at specific location on County Road 28, for a total cost of \$30,239.60. This work was funded through the Engineers Budget.

County Road 28-3.57 Accident Asphalt Repairs – Shelly and Sands, Inc. was contracted to perform asphalt repairs at the 3.27 log point location on County Road 28, where an accident has caused damage to the asphalt surface, for a total cost of \$19,900.00. This work was funded through the Engineers Budget, and reimbursed by the insurance company of the vehicle causing the damage.

County Road 91 Asphalt Mill & Fill Repair – Ohio West Virginia Excavating was contracted to perform an asphalt Mill & Fill at one location, for a total cost of \$18,096.50. This work was funded through the Engineers Budget.

County Road 100 Asphalt Mill & Fill Repairs – Ohio West Virginia Excavating was contracted to perform asphalt repairs at specific locations on County Road 100, for a total cost of \$21,232.00. This work was funded through the Engineers Budget.

Miscellaneous Road Improvements Funded

Ohio Department of Development (ODOD) Roadwork Development Grant – The Monroe County Engineers Office applied and received \$1,500,000 in 629 Road Development Funds to make repairs and improvements to County Road 26, Beautiful Ridge Road, specifically at the 5.72-mile marker, where there is a failed piling wall. These funds were awarded to replace the piling wall and make repairs/improvements to County Road 26. The 5.72-slip was repaired in 2024 and left a remaining balance of \$438,581.75 in the grant funding. ODOD confirmed permission to utilize this remaining funding towards additional repairs at the 6.78-mile marker, as well as other locations along the roadway. The

6.78 slip was repaired in 2025, along with several asphalt and shoulder repairs, to expend the remaining balance of the original grant.

Transportation Improvement District Grant – In addition to the construction funding provided by ODOD (above) for construction of the CR26-6.78 slip repair, Monroe County applied and was awarded \$90,000 in Transportation Improvement District (TID) funding, for the geotechnical investigation and design plans for the slip repair. Design work was awarded to ADR & Associates, an was completed in December 2024, for a total cost of \$63,780.00. The remainder of the grant cannot be used on any other work items and therefore will not be utilized by Monroe County.

Office of Jobs and Commerce (ODOT) Grant – In 2025, an additional \$50,000 in grant funding was secured to complete all remaining improvements on County Road 26, by supplementing the ODOD and TID grants noted above. Asphalt repairs and shoulder build-up were completed in 2025, with a small amount of work anticipated to be complete in 2026, to expend the remaining balance of grant funds.

BRIDGE IMPROVEMENTS AND REPAIRS

In-House/Force Account

Project Type	Route/Location	Force Account Cost
Bridge Guardrail Repair	CR12-1.07 Bridge	\$4,730.85
Bridge Maintenance	CR29-2.40	\$11,376.40
Bridge Repairs	CR77-4.64	\$1,474.02
Bridge Repairs	Seneca TR636-2.16 Bridge	\$11,636.56

Total Bridge Project force account costs for 2025 = \$29,217.83

Contracted/Funded

CR14-4.98 Bridge – Shelly and Sands, Inc. was awarded a spot mill and overlay repair at the CR14-4.98 bridge, for a total cost of \$14,000.00. This repair was paid for through the Engineers Budget.

TR183-0.13 Bridge replacement project design-build scope was completed in 2022. The original contract was cancelled and the bridge was combined with the TR183-0.50 bridge replacement, with construction being completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



TR183-0.13 Bridge was replaced in 2025

(Old – top photo)

(New – bottom photo)



TR183-0.50 Bridge replacement was combined with TR183-0.13 bridge replacement and construction was completed in 2025. The design costs and construction will be 100% funded through FHWA/BFP Program funds.



**TR183-0.50 Bridge
was replaced in 2025**

**(old – top photo)
(new – bottom photo)**



TR1004-2.27 Bridge replacement design for this project will be completed by summer of 2024. The bridge is slated for construction to be complete in 2026. The design costs and construction will be shared funding through Federal Land Access Program, Ohio Public Works Funds and County Engineer budget funds.



TR1004-2.27 Bridge to be replaced in 2026

TR2214-0.06 Bridge Replacement - design for this project was completed in 2025, with construction slated for 2026. The design costs and construction are funded through FHWA/LBR Program Funds.



TR2214-0.06 Bridge to be replaced in 2026

CR44-1.60 Bridge Replacement (Design) – Design for this project will be funded through 90% Transportation Improvement District Grant and 10% County Engineer local funds. Design is anticipated to be completed in 2026, and the County Engineers office will then apply for construction funding for replacement.



TR562-1.82 Bridge Replacement - Design for this project will be funded through 100% Surface Transportation Block Grant. Construction funds have been secured through Local Bridge Program for 80%, with the County Engineer planning to match the 20% remaining with local funds. Design is anticipated to begin in 2027, and the construction funding is set for fiscal year 2030.



OIL & GAS ACTIVITY

There are currently 13 different Oil & Gas Companies with at least one active RUMA in Monroe County. Over the past few years, several of the previous companies have merged or sold to form larger singular operators, and in the process, RUMAs have been combined into a “Master RUMA” which contains a list of all affected roadways for each Operator. Below is a summary of RUMA activity:

O & G RUMA Activity Summary	2025	2024	2023	2022	2021	2020	2019	2018
New RUMAs	6	5	12	3	6	7	13	30
Renewed RUMAs	24	4	5	5	6	42	46	19
Terminated/Modified RUMAs	*Only partial RUMA terminations occurred this year.	17	4	4	*several RUMAs terminated to create a Master RUMA for each Operator	11	19	35
Total Number of Operators with at least one RUMA	13	13	13	14	14	19	23	23

As part of their activities, these Oil & gas Companies often need to improve the County’s current infrastructure. The following table is a summary of the Infrastructure Improvements made by Oil & Gas Companies in 2025. Maintenance items such as dust control and temporary patching are not included in this list.

<i>Company</i>	<i>Road #/Name</i>	<i>Improvement/Work Done</i>	<i>Total Cost of Improvements</i>
Antero	CR12, Stafford Hill & CR16, Sandbar Road	Asphalt spot repairs	\$23,996.65
Antero	CR14, Long Run Road	Asphalt spot repairs	\$7,936.50
Antero	CR39, Harper Ridge Road	Asphalt spot repairs	\$9,801.68
Antero	CR69, Walter Ridge Road	Asphalt spot repairs	\$7,336.76
Antero	CR100, Keylor Hill Road	Asphalt spot repairs	\$32,799.79
Markwest	CR100, Keylor Hill Road	Aggregate spreading and road repairs from RUMA activity	\$70,000.00
Diversified	CR58, Krieg Road	Emergency Slip Repairs (EMA local match)	\$111,837.18
EQT	CR4, Sykes Ridge Road	Asphalt spot repairs	\$42,687.03
EQT	CR26, Beautiful Ridge Road	Asphalt spot repairs	\$23,257.08
EQT	CR26, Beautiful Ridge Road	Emergency Slip Repairs (EMA local match)	\$154,068.05
EQT	CR43, Long Ridge Road	Emergency Slip Repairs (EMA local match)	\$201,549.04
EQT	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$69,287.88
Gulfport Appalachia	CR5, Atkinson Run Road (North)	Road Improvements for RUMA (FDR + Pave)	\$281,754.40
Gulfport Appalachia	CR1, Kings Highway	Asphalt spot repairs	\$26,772.46
Gulfport Appalachia	CR61, Egger Ridge Road	Road Improvements for RUMA (FDR + Pave)	\$926,078.67
Expand Energy	CR10, Benwood Road	Emergency Slip Repairs (EMA local match)	\$48,526.39
Expand Energy	CR38, Headley Ridge Road	Asphalt Overlay	\$359,043.35
Expand Energy	CR38, Headley Ridge Road	Emergency Slip Repairs (EMA local match)	\$196,536.66
Expand Energy	CR64A, Cochran Hill Road	Emergency Slip Repairs (EMA local match)	\$101,062.52
Expand Energy	CR96, Baptist Ridge Road	Asphalt Overlay	\$274,020.00
Expand Energy	CR96, Baptist Ridge Road	Emergency Slip Repair (EMA local match)	\$33,686.50
TOTAL			\$3,002,038.59

COUNTY ENGINEER FUNDING, REVENUE & EXPENDITURES SUMMARY

Projects Summary

Road & Bridge Funding Summary	2025	2024	2023	2022	2021	2020	2019	2018
In-House/Force Account Funds	\$2,905,896.22	\$1,417,506.72	\$2,296,723.24	\$2,389,943.55	\$2,285,644.39	\$1,772,341.29	\$1,670,724.37	\$968,357.29
County Engineer (local match) funds, including loans	\$1,147,112.92	\$1,633,063.91	\$987,216.54	\$1,308,675.73	\$1,033,556.23	\$489,568.83	\$459,055.10	\$573,854.21
County General Funds	\$75,000.00	\$75,000.00	\$228,750.00	\$75,000.00	\$75,000.00	\$75,000.00	\$102,690.00	\$410,773.62
Oil & Gas Funds	\$3,002,038.59	\$800,997.19	\$2,604,384.26	\$1,566,324.69	\$2,321,668.18	\$4,795,921.00	\$10,401,034.55	\$9,610,872.72
CDBG Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$255,750.00	\$0.00
FHWA/ODOT Funds	\$1,062,446.60	\$2,116,950.29	\$3,894,271.25	\$708,938.31	\$2,319,559.46	\$51,795.38	\$1,778,428.08	\$1,089,558.59
OPWC Funds	\$122,450.36	\$2,294,923.27	\$1,680,187.80	\$367,961.31	\$1,211,814.10	\$603,596.70	\$652,275.00	\$400,000.00
Ohio Department of Development Funds	\$438,581.75	\$993,618.25	\$67,800.00					
FEMA/EMA Funds	\$4,775,127.48	\$1,978,835.88	\$1,731,927.50	\$6,466,539.68	\$10,141,475.94	\$5,290,496.00	\$4,734,455.77	\$567,976.81
NRCS Funds	\$0.00	\$0.00	\$0.00	\$0.00	\$1,023,643.58	\$0.00	\$0.00	\$0.00
Federal Land Access Program Funds	\$126,895.97	\$53,074.42	\$31,280.22	\$0.00	\$456,583.00	\$0.00	\$0.00	\$0.00
Transportation Improvement District Funds	\$0.00	\$57,402.00	\$0.00	\$0.00	\$200,000.00	\$0.00	\$0.00	\$0.00
USDA Funds	\$0.00	\$0.00	\$0.00	\$288,000.00	\$0.00	\$297,000.00	\$0.00	\$141,000.00
TOTALS	\$13,655,549.89	\$11,421,371.92	\$13,522,540.81	\$13,171,383.27	\$21,068,944.88	\$13,375,719.20	\$20,054,412.87	\$13,762,393.24
NOTE: Not all Oil & Gas Expenditures were reported by Operators for 2024								

County Engineer Budget – 2025 Revenue Summary

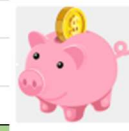
DESCRIPTION	2025 EOY FINAL	% of TOTAL
GASOLINE TAX	\$4,039,668.80	47.5%
INTEREST	\$23,101.23	0.3%
MOTOR VEHICLE LICENSES	\$979,154.21	11.5%
PERMISSIVE MVL	\$82,297.75	1.0%
COUNTY COURT FINES	\$11,346.40	0.1%
JUVENILE COURT FINES	\$52.50	0.0%
MISC. INSURANCE & COBRA PAY-IN	\$0.00	0.0%
SPECIAL HAUL PERMITS	\$20,400.00	0.2%
RIGHT OF WAY PERMITS	\$4,040.00	0.0%
SALE & SERVICE	\$40,638.65	0.5%
(National Forest Sales)	\$12,867.26	0.2%
REFUND &/OR REIMBURSEMENT	\$846,979.92	10.0%
TRANSFERS IN	\$163,693.32	1.9%
ADVANCES IN	\$1,203,103.55	14.1%
OTHER RECEIPTS	\$15,000.00	0.2%
OIL & GAS RECEIPTS	\$1,060,233.66	12.5%
TOTAL	\$8,502,577.25	100%

County Engineer Budget – 2025 Expenditures Summary

DESCRIPTION		2025 EOY FINAL	% of TOTAL
SALARIES OFFICIALS		\$113,151.00	1.39%
SALARIES EMPLOYEES		\$1,360,947.31	16.73%
SUPPLIES		\$1,781.59	0.02%
TAX MAP SUPPLIES		\$8,210.52	0.10%
UNIFORMS & PPE		\$8,081.82	0.10%
WELDING SUPPLIES		\$4,010.31	0.05%
ROAD MATERIALS		\$894,751.73	11.00%
EQUIPMENT		\$694,378.32	8.54%
CONTRACT REPAIRS (O&G)		\$111,837.18	1.38%
CONTRACT SERVICES (ISSUE II COUNTY)		\$7,657.64	0.09%
CONTRACTS		\$455,614.47	5.60%
EMA CONTRACTS		\$1,579,566.34	19.42%
ODOT		\$355,087.46	4.37%
TRAVEL EXPENSES		\$1,000.00	0.01%
ADVERTISING & PRINTING		\$5,044.57	0.06%
PERS/STRS		\$200,231.91	2.46%
WORKERS COMPENSATION		\$15,459.67	0.19%
UNEMPLOYMENT COMP.		\$0.00	0.00%
OTHER EXPENSES		\$18,804.47	0.23%
RIGHT OF WAY PERMITS -Expense		\$1,225.00	0.02%
TRANSFERS		\$0.00	0.00%
ADVANCES OUT		\$950,000.00	11.68%
INSURANCE		\$365,468.61	4.49%
GROUP & LIABILITY		\$17,558.84	0.22%
LEGAL FEES		\$0.00	0.00%
NOTES		\$0.00	0.00%
FUEL		\$174,893.66	2.15%
UTILITIES		\$28,287.48	0.35%
DOT TESTING		\$2,017.50	0.02%
PRINCIPAL - USDA LOAN		\$56,800.00	0.70%
INTEREST-USDA LOAN		\$8,335.76	0.10%
OPWC LOAN		\$33,011.48	0.41%
VEHICLE MAINT.(IN HOUSE)		\$151,413.03	1.86%
VEHICLE (OUTSIDE REPAIRS)		\$127,162.29	1.56%
LEASES		\$0.00	0.00%
MEDICARE TAX		\$20,322.58	0.25%
DUES		\$220.00	0.00%
BUILDING & GROUNDS MAINTENANCE		\$102,646.14	1.26%
OFFICE MAINTENANCE		\$18,366.89	0.23%
SIGNS		\$15,026.77	0.18%
BRIDGE MATERIALS		\$6,111.84	0.08%
CONTRACTS		\$123,657.25	1.52%
BRIDGE CREDITS		\$95,000.00	1.17%
CONTRACT BRIDGES		\$0.00	0.00%
PERSONEL EXPENDITURES		\$2,104,459.24	25.9%
NON-PERSONEL EXPENDITURES		\$6,028,682.19	74.1%
TOTAL		\$8,133,141.43	100.0%

FUNDING & THE FUTURE

FUNDING SUMMARY SHEET (2017-PRESENT)



Project Type	GRANTS RECEIVED	LOANS RECEIVED	LOCAL MATCH	TOTAL FUNDED PROJECTS COSTS
Bridge	\$10,440,164.05	\$350,000.00	\$706,503.35	\$11,496,667.40
Bridge Load Ratings	\$393,247.52	\$0.00	\$27,720.24	\$420,967.76
Road	\$13,548,992.19	\$1,220,153.97	\$3,396,127.77	\$18,165,273.93
Drainage	\$950,000.00	\$0.00	\$75,000.00	\$1,025,000.00
Safety	\$680,670.83	\$0.00	\$40,181.53	\$720,852.35
Sign	\$96,287.44	\$0.00	\$8,696.01	\$104,983.45
Equipment	\$747,988.46	\$576,000.00	\$20,000.00	\$1,343,988.46
Guardrail	\$312,000.00	\$0.00	\$0.00	\$312,000.00
Slip Repair/Flood Damage	\$54,038,066.63	\$0.00	\$6,234,586.22	\$60,272,652.85
TOTALS	\$81,207,417.12	\$2,146,153.97	\$10,508,815.11	\$93,862,386.20
	87%	2%	11%	100%

The County Engineers office takes pride in being able to “stretch a dollar” and find creative ways to accomplish the large amount of work needed, with a less-than-adequate budget. The table above shows just how well we have been able to do that in the past 9 years, with 87% of all funded projects being covered with money OTHER than County funds. You can also see how important it is to be able to supply Local Match money. A mere 13% of match money/loans has afforded the County over \$81,000,000.00 in road, bridge and infrastructure improvements or repairs.

With the constant increase in material and equipment costs, projects will continue to grow in price. Despite the diligent efforts of our crews and the large amount of funding we are able to secure, the County Engineers office still continues to be underfunded. As you can see from the summary above, the majority of the funding received is for slip repairs or weather-related damages, rather than pavement or bridge replacements/rehabilitation project. We will continue to prioritize projects based on impact to the public, funding availability and other pertinent factors. Despite the overwhelming amount of work that lies ahead for the County, we will continue to plan and make the most of our funds available. The following table outlines future projects that have funding secured and will be completed over the next few years.

2026 & FUTURE FUNDING

**Projects listed in ITALICS are PENDING FUNDING APPROVAL*

Project Type	Bridge/Road Number/Description	Percent Funded	Project Total Cost (Estimate if not completed)	Funding Year(s)
Bridge	MOE-TR1004-2.27	\$725,000 (FLAP) \$771,258 (OPWC Emergency) \$16,400 Local Match	\$1,512,497.88	2026
Bridge	MOE-TR2214-0.06	100% Design/Construction	\$1,118,396.03	2026
Bridge	MOE-TR562-1.82	80% (Use Bridge Credits for 15% additional)	\$1,970,000.00	2030
<i>Bridge</i>	<i>MOE CR-0029-0309</i>	80%	<i>\$1,160,000.00</i>	<i>2031</i>
Bridge Design	CR44-1.60	90% with \$247,500 cap	\$275,000.00	2026
<i>Bridge Design</i>	<i>TR562-1.82</i>	<i>90% with \$200,000 cap</i>	<i>\$225,000.00</i>	<i>FY2027</i>
Road Improvement	CR26-5.72 Slip, CR26-6.78 Slip & Road Improvements	Development 1500000 max, Offict of Jobs and Commerce \$50,000 max	\$1,550,000.00	FY2024
Road Improvement	CR16 & CR44	CSTP 80%, max \$2,000,000 RTPO-STBG \$200,000 max	\$2,600,000.00	FY2029
Road/Resurfacing	CR9	\$400,000 (OPWC Grant) \$297,999.90 (OPWC Loan) \$337,562.45 Local Match \$256,687.35 OhioEMA	\$1,292,249.70	FY2027
Road/Resurfacing	CR48/CR17	\$500,000 MAX (Local Roads) \$400,000(OPWC grant)	\$1,250,354.65	FY2027
Road/Resurfacing	CR81 1.07-2.33	RTPO-STBG \$213,495.6	\$213,495.60	FY2026
<i>Road/Resurfacing</i>	<i>CR40 Road Improvement Project</i>	<i>\$1,000,000 (FLAP), \$400,000 (future OPWC), \$175,647 Local</i>	<i>\$1,575,647.00</i>	<i>FY2027-2029</i>
<i>Road/Resurfacing</i>	<i>CR2 0.00-1.785 Road Improvement Project</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$114,180 Local Match</i>	<i>\$1,014,180.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR2 EAST RESURFACING</i>	<i>\$500,000 max Local Roads, \$31,887 Local Match</i>	<i>\$531,887.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR12 2.073-5.501 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$400,000 (future OPWC grant), \$1,263,852 Local Match</i>	<i>\$2,163,852.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR96 0.98-3.78 RESURFACING</i>	<i>\$500,000 max Local Roads, \$19,300 Local Match</i>	<i>\$519,300.00</i>	<i>FY2029</i>
<i>Road/Resurfacing</i>	<i>CR101 ROAD IMPROVEMENT PROJECT</i>	<i>\$500,000 MAX (Local Roads), \$383,519 (future OPWC grant)</i>	<i>\$883,519.00</i>	<i>FY2029</i>
Safety study	Intersection/Corridor Study	90%	\$12,000.00	FY2026
Sign	Sign Upgrade Project - Various Signs	80%	\$13,000.00	FY2026
Slip/Flood Damage (January 2024)	County-wide State disaster (January)	EMA 75%, Local 25%	\$2,937,056.39	2024
Slip/Flood Damage (April 2024)	County-wide State disaster (April)	EMA 75%, Local 25%	\$12,737,853.77	2024
Slip/Flood Damage (April 2025)	County-wide State disaster (April)	EMA 75%, Local 25%	\$2,103,000.00	2025