



BUTLER COUNTY ENGINEER'S OFFICE

2025 ANNUAL REPORT



FOR PAST, CURRENT, AND FUTURE PROJECT INFORMATION,
VISIT OUR [PROJECTS MAP](http://WWW.BCEO.ORG) AT WWW.BCEO.ORG. 

GREGORY J. WILKENS, P.E., P.S.
BUTLER COUNTY ENGINEER

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2025 Review

IN ADDITION TO DAILY ROUTINE ACTIVITIES AND MAINTENANCE, OUR STAFF WAS INVOLVED WITH THE COMPLETION OF CAPITAL IMPROVEMENT PROJECTS, UPGRADES, AND TRAFFIC SIGNAL MAINTENANCE **TOTALING \$18,849,209.**



9 Bridge Projects



1 Intersection Project

**BUTLER COUNTY
LAND AREA**
467 SQUARE MILES
STATE RANK
35



37 Culvert/Drainage Projects



36 Miles of Resurfacing

**BUTLER COUNTY
POPULATION**
390,357
STATE RANK
7

CERTIFIED ROAD MILEAGE BY TOWNSHIP	
FAIRFIELD	81.556
HANOVER	35.620
LEMON	10.012
LIBERTY	160.539
MADISON	52.766
MILFORD	33.062
MORGAN	30.986
OXFORD	26.218
REILY	34.079
ROSS	47.954
ST. CLAIR	33.308
WAYNE	30.514
WEST CHESTER	230.898

CERTIFIED ROAD MILEAGE FOR BUTLER COUNTY	
COUNTY ROADS	266.385
TOWNSHIP ROADS	807.512
U.S. AND STATE ROADS	236.858

Butler County Engineer

Gregory J. Wilkens, P.E., P.S.

To the Citizens and Board of County Commissioners of
Butler County, Ohio:

I respectfully present the Butler County Engineer's
2025 Annual Report for your review.

2025 was a noteworthy year of critical improvements to Butler County's roadway system, focusing on safe bridges, maintaining high standards for our road conditions, and upgrading intersections. Our office accomplishes these kinds of improvements every year, but what made 2025 noteworthy was our collaboration with the Butler County Commissioners.



Their five-million-dollar contribution toward paving and bridge projects enabled us to make the best use of taxpayer dollars for the rehabilitation and replacement of seven county bridges that were not eligible for outside grant funding. We are most grateful for the Commissioners' generosity and applaud them for their impactful investment in the county's infrastructure. On top of that, they have extended their impact into 2026 by subsidizing eight more bridge projects! Projects from the Commissioner's benefaction included bridge replacements on Brookville Road, Gates Road, Hamilton New London Road, Minton Road, Nichols Road, and State Line Center Road, which increased safety in four townships.

Additional highlights include safety improvements such as a new roundabout at Millikin Road and Lesourdsville West Chester Road, a bridge replacement on Trenton Franklin Road, and Smart Traffic Signal upgrades. These projects were made possible by our ability to secure federal and state funding, supplementing limited revenue from license plate fees and gasoline taxes.

Beyond these infrastructure achievements, our progress is also reflected in the people behind the work. Since I became Butler County Engineer in 2001, my staff and I have worked to build a culture of collaboration, positivity, and trust at the BCEO. As a result, the BCEO was named a finalist in the 2025 Cincinnati Business Courier's Best Places to Work competition, reflecting our ongoing commitment to a positive work environment. Ultimately, this benefits you, the citizens of Butler County. I am proud to lead this office filled with helpful, talented people who care about their work, excel at problem-solving, and are committed to serving the public.

I encourage you to visit our website to see all the ways we serve you, and to explore the Projects Map for detailed information on our projects, updates, and plans. We welcome your questions and suggestions as we work together to build a better Butler County.

Thank you for your continued trust and encouragement as your County Engineer. Please read on for a review of 2025.

Very truly yours,

A handwritten signature in blue ink that reads "Gregory J. Wilkens". The signature is written in a cursive, slightly slanted style.

Gregory J. Wilkens, P.E., P.S.
Butler County Engineer

2025 Projects

Bridges

The BCEO inspects and maintains **402** bridges (structures with a clear span of ten feet or greater). There were a total of **9** bridge projects in 2025.

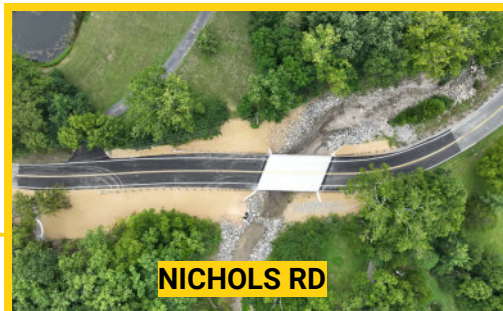
Trenton Franklin Rd #2.71

Bridge Replacement (Design-Build)
 Total Construction Cost: \$1,432,429
 Funding: Federal (CEAO), State (OPWC), BCWS



Nichols Rd #1.297

Superstructure Replacement
 Total Construction Cost: \$750,221
 Funding: State (OPWC), BCEO



The Nichols Road and Hamilton New London Road Superstructure Replacement projects were let under a single contract.
 Total construction cost: \$1,000,295

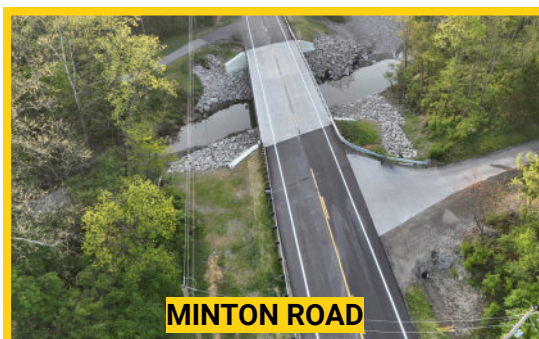
Hamilton New London Rd #0.450

Superstructure Replacement
 Total Construction Cost: \$250,074
 Funding: State (OPWC), BCEO



Minton Rd #0.636

Bridge Replacement (Design-Build)
 Total Construction Cost: \$1,859,484
 Funding: BCEO



Bridges (continued)

Crescentville Rd #3.060
Rigid Overlay
Total Construction Cost: \$552,434
Funding: BCEO



The Crescentville Road and Brookville Road Rigid Overlay projects were let under a single contract. Total construction cost: \$920,723

Brookville Rd #0.396
Rigid Overlay
Total Construction Cost: \$368,289
Funding: BCEO



Bridges (continued)

State Line Center Rd #1.969/ #2.222
Bridge Replacement (Two bridge contract)
Total Construction Cost: \$689,107
Funding: BCEO



Gates Rd #1.055
Bridge Replacement
Total Construction Cost: \$258,066
Funding: BCEO Force Account



Culverts & Drainage

In 2025, there were **34** BCEO Force Account culvert and drainage projects constructed by our Operations Department personnel. **Total Cost: \$484,336**

- Alert New London Road #2384, #2385, #2386
- Amsterdam Drive *(for Liberty Twp)*
- Cochran Road #1976 *(for Hanover Twp)*
- Columbus Drive South - Drainage Improvement
- Eaton Road #766
- Fairfield Road #895 Slipline
- Hamilton Eaton Road #1920
- Hamilton Eaton Road @ Depot Road - Drainage Improvement
- Hamilton New London Road #860
- Indian Creek Road #938, #950 and #2637 *(for Oxford Twp)*
- Lanes Mill Road #2513
- Layhigh Road #983, #999
- North Weaver Road #1027, #2865 *(for Reily Twp)*
- Oxford Milford Road #1131
- Reily Millville Road #826
- Ross Hanover Road Storm Sewer
- Stahlheber Road #2114 *(for Hanover Twp)*, #2123, #2125
- Stillwell Beckett Road #105, #106
- Todd Road #149, #150 *(for Oxford Twp)*
- Trenton Franklin Road #279
- Trenton Oxford Road #2955 *(for Milford Twp)*
- Tylersville Road #42
- Waynes Trace Road #2821
- Woodbine Road #2675 *(for Hanover Twp)*

Culverts & Drainage (by Contract)

Started in 2024 and completed in 2025, the BCEO managed **2** Stormwater Improvements projects funded by a Community Development Block Grant and Fairfield Township.

Total Cost: \$682,829

- King Avenue Stormwater Improvements from Tylersville Road to the dead-end.
- Pater Avenue Stormwater Improvements from Lenox Avenue to Belmont Avenue.



Trenton Road and Busenbark Road Drainage

Total Construction Cost: \$436,646

Funding: BCEO



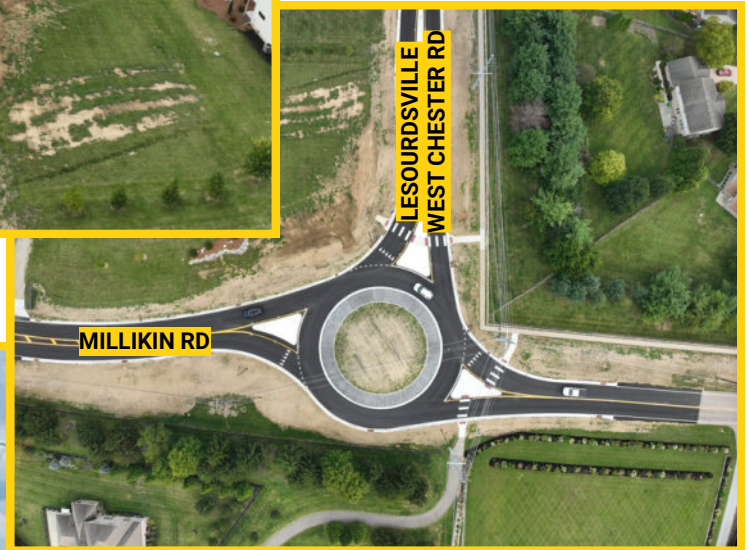
Intersection Improvement

Millikin Road and Lesourdsville West Chester Road

Roundabout Installation

Total Construction Cost: \$1,246,114

Funding: Federal (CEAO), BCEO



Miscellaneous Improvements

Traffic Signal Upgrade

45 Smart Traffic Signals
Total Construction Cost: \$1,121,567
Funding: Federal (OKI), BCEO

Cincinnati Dayton Rd at Bethany Rd Curb

Curb Modification
Total Construction Cost: \$23,664
Funding: BCEO Force Account



West Chester Road Crosswalk

Lakota West High School
Total Construction Cost: \$43,234
Funding: BCEO Force Account



Paving

The Butler County Engineer's Office is responsible for 266 miles (centerline miles) of roadway and has a 17 to 18 year paving program in place. This system enables roads to be resurfaced regularly and maintained routinely in a more cost-effective manner. There were over **36** miles of county and township roads resurfaced in 2025.

Total Construction Cost (Asphalt): \$8,041,898
Funding: BCEO, Townships, ARPA Funds

County Roads (11.451 total miles)

- Cincinnati Dayton Road (5938 Cincinnati Dayton Rd to Monroe Corp. Limit)
- Hamilton Mason Road (Lesourdsville West Chester Rd roundabout to Shady Hollow Ln)
- Lanes Mill Road (SR 130 to Nichols Rd)
- Millikin Road (Liberty Fairfield Rd to SR 747)
- Reily Millville Road (SR 732 to Bunker Hill Woods Rd)
- Stillwell Beckett Road (SR 732 to Woods Station Rd)

Various Township Roads/Subdivision Streets (23.307 total miles)

- Fairfield Township (3.710 total miles)
- Liberty Township (5.290 total miles)
- Oxford Township (1.820 total miles)
- Ross Township (1.650 total miles)
- St. Clair Township (1.960 total miles)
- West Chester Township (8.877 total miles)

Total Construction Cost (Black Mat): \$210,021
Total Miles: 2.04
Funding: Liberty Township

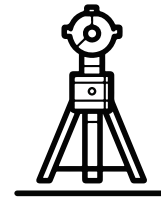
Retrace of Various County and Township Roads

Total Contract Cost: \$398,796
Funding: BCEO/Townships



Departments

Design & Engineering



During 2025 the Engineering Department was developing plans and right-of-way acquisition for the following **39** projects:

- **8** Culvert Replacements
- **13** Bridge Replacements/Rehabilitations
 - Bonham Road Bridge #0.259 (Replacement)
 - Booth Road Bridge #1.696 (Replacement)
 - Crescentville Road Bridge #3.060 (Pier Casing)
 - Hamilton Middletown (South Main) #0.410 (Rigid Overlay)
 - Kehr Road Bridge #1.453 (Rigid Overlay)
 - Kyles Station Road Bridge #2.290 (Replacement)
 - Liberty Fairfield Road Bridge #2.706 (Replacement)
 - Oxford State Bridge #3.653 (Left) (Rigid Overlay)
 - Schoenling Road Bridge #0.620 (Replacement)
 - Shurz Road Bridge #1.304 (Replacement)
 - Somerville Road Bridge #1.596 (Replacement)
 - Windisch Road Bridge #0.361 (Superstructure Replacement & Pier casing)
 - Yankee Road Bridge 0933466 (Replacement)
- **7** Roadway Improvements
 - Cincinnati Dayton Road (Paving) – Crescentville Road to Dimmick Road
 - Hamilton Mason Road Widening (Adding Shoulders/Improving Vertical) – SR747 to east of Quail Run Drive
 - Lesourdsville West Chester Road Widening (Adding Shoulders/Improving Vertical) – E. Senour Drive to Hamilton Mason Road
 - Ross Hanover Road (Improving Vertical) – East of Black Road
 - Trenton Franklin Road Widening (Adding Shoulders) – North of Howe Road
 - Tylersville Widening (Adding Shoulders/Improving Vertical) – Smith Road to Foxchase Drive
 - Union Centre Boulevard Curve Project (Improving Superelevation) – Beckett Road to West Chester Road
- **6** Intersection Improvements
 - Butler Warren Road @ Dimmick Road Roundabout
 - Butler Warren Road @ Tylersville Road (Additional Southbound Lane)
 - Cox Road at Kingsgate Way Roundabout
 - McCauly Road at Dimmick Road Roundabout
 - Tylersville Road at Pepper Pike (Signal/Intersection Improvement)
 - West Chester Road at McCauly Road Roundabout
- **1** Drainage Upgrade
 - Morman Road (Storm Sewer) – South of Sir Martin Drive
- **2** Multi-jurisdictional Projects
 - Millikin Road Interchange (BCTID, Liberty Township)
 - North Hamilton Xing (BCTID, City of Hamilton)
- **2** Miscellaneous Projects
 - Juvenile Center (Parking Lot/Drainage)
 - BCEO County Wide Signal Upgrade, Phase 1



Traffic

In 2025, the Traffic office executed the following:

- Maintained **77** traffic signals, **2** flashers, **12** PED X-ING signals (\$129,851).
- Maintained **15** school zone signals (school flashers).
- Maintained **21** modern roundabouts.
- Maintained **21** traffic operation (PTZ) cameras.
- Maintained **6** closed-loop signal systems (\$37,200).
- Replaced batteries at **16** intersections (Traffic Signal Battery Backup)
- Managed county-wide pavement marking retrace contract.
- Reviewed traffic control plans for various projects.
- Performed **14** Speed Studies.
- Completed **15** Safety Studies.
- Reviewed **14** Traffic Impact Studies (TIS).
- Received **813** OUPS tickets and marked **91** locations.



The Operations Department, in conjunction with the Traffic office, executed the following in 2025:

- Maintained **7,500** traffic control signs.
- Produced drawings, set up and maintained road closures/detours.
- Managed signage and traffic control for all BCEO projects.
- Supplied signs for other Butler County agencies as requested.
- Operated sweeper truck for BCEO and Storm Water needs.



Development Services

Butler County, Ohio continues to experience steady residential growth, highlighted by the issuance of **457** driveway permits, including **361** for new single-family homes. Subdivision activity remained active as well, with **181** new single-family lots recorded across seven subdivisions. In response to continued housing demand, several multi-family developments are also moving forward, adding new apartment and townhouse units to the market. Retail growth is also evident, with multiple fueling stations such as Wawa, Marathon, and QuikTrip expanding throughout the county, often alongside new car wash developments.



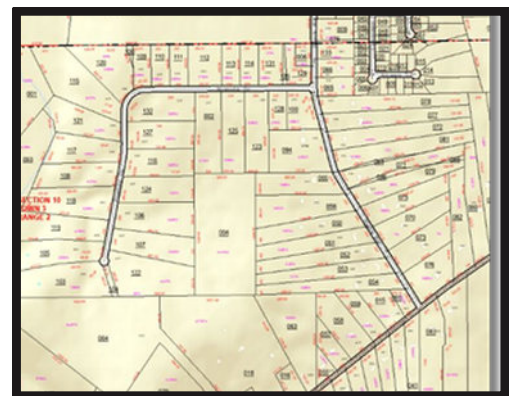
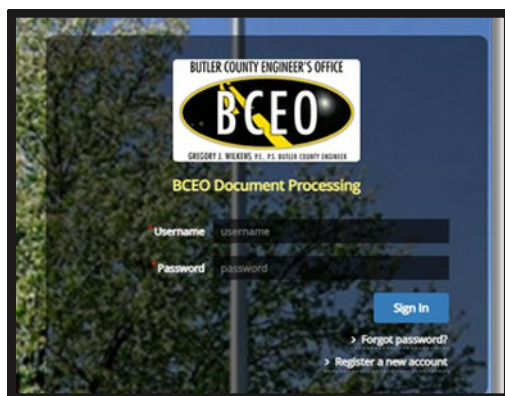
Commercial development remains more challenging, as rising construction costs have made many projects difficult to finance. In many cases, developers are relying on incentive tools such as Tax Increment Financing (TIF) or Joint Economic Development Districts (JEDD) to help bridge funding gaps and make projects feasible. Despite these challenges, light manufacturing projects continue to emerge, contributing to job creation and strengthening the local economy.



GIS/Tax Map/Records/IT



- Maintained the Butler County Tax Map website.
- Assigned **581** new parcel numbers for the Butler County Auditor.
- Assigned and verified **546** addresses for the county's unincorporated areas.
- Read **22,435** legal descriptions for the transfer of property for the Butler County Auditor.
 - **4,894** received via BCEO Document Submittals App and email.
 - **425** received via walk-ins.
 - **17,116** received via the eFile system accessed from the Butler County Recorder's Office.
- Maintained BCEO Document Submittals App, accessed on www.bceo.org.
- Reviewed **34** subdivision plats for the Butler County Planning Department.
 - **8** Preliminary
 - **17** Replats
 - **9** Finals
- Scanned present and historic tax map documents.
- Maintained efficient access to public county records.
- Prepared presentations for BCEO projects.
- Maintained BCEO GIS infrastructure, including roadway mileage.
- Continued to grow and develop GIS applications, Tax Map, Project Map, and Internal Maps.
- Continued developing our drone program, investing in state-of-the-art software to support the drone.
- Engaged all end users in Network Security training.
- Continued to update network security, speed, and reliability.
- Continued our scheduled replacement of obsolete workstations, devices, and servers.
- Maintained computers, servers, and communication equipment.
- Continued to update field applications for tracking maintenance of roads, bridges, culverts, storm sewer systems, and other infrastructure.



Construction



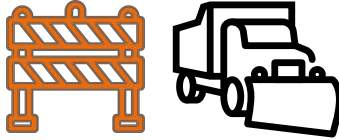
Scan for easy access to past, current, & upcoming BCEO projects!



The BCEO Construction Department oversees the implementation of all capital improvement contracts for bridge, roadway, paving, and intersection construction. This includes preparing and managing contracts and payments to contractors, utility coordination and relocation, and construction inspection. Additionally, the Department performs inspections of culverts and pavement conditions. Driveway, right-of-way, and special hauling permits are also reviewed and issued by the Construction Department. In 2025, the Construction Department prepared and managed **15** capital improvement and repair contracts. Please see pages 1 through 8 to view the 2025 project information.



Operations



The Operations Department is responsible for all Force Account projects (as seen on the CULVERTS & DRAINAGE section, [page 4](#)) as well as the general day-to-day maintenance and seasonal type maintenance of bridges and roads on the county roadway system.

TOTAL SPENT ON GENERAL MAINTENANCE IN 2025: \$2,643,537

During 2025, the Operations Department added the following equipment:

- 2 - 2026 Chevrolet Silverado 1500
- 1 - 2025 Chevrolet Silverado 3500
- 2 - 2025 John Deere Roadside Mowers

Each spring the BCEO advertises for bids on BULK-TREATED SODIUM CHLORIDE for the following winter. These bids are compiled in conjunction with various cities and townships to get a better price. This resource sharing has become critical for local and regional jurisdictions as the cost of fuel and materials steadily increases.

2025-2M CONTRACT COST: \$96.40 PER TON

LOCAL FUNDS BY BCEO; BC MetroParks; BC Water & Sewer; City of Fairfield; Village of New Miami; City of Oxford; Fairfield, Hanover, Liberty, Madison, Milford, Morgan, Oxford, Reily, St. Clair, Wayne, and West Chester Townships.

2025 SNOW AND ICE CONTROL SUMMARY (JAN 1 - DEC 31)

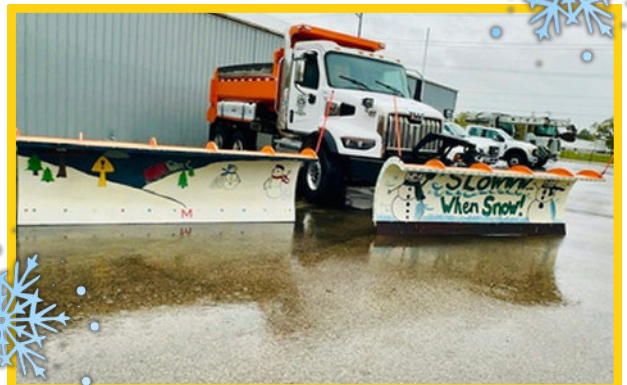
TOTAL COST: \$1,564,505

Total Road Salt Used: 8,575 Tons

Total Brine/Amp Used: 56,425 Gallons

Total Manhours Used for Snow and Ice Control: 7,075

Total Labor Cost: \$261,785



Administration



2025 Income

Intergovernmental Revenue	\$	3,956,771.80
Gasoline Tax	\$	8,102,366.19
Motor Vehicle License Fees	\$	1,078,363.91
Permissive Tax - State Levy	\$	1,389,694.01
Other Government Reimbursements	\$	47,456.46
LPA Reimbursements	\$	581,419.82
Interest Earned		
Total	\$	15,156,072.19

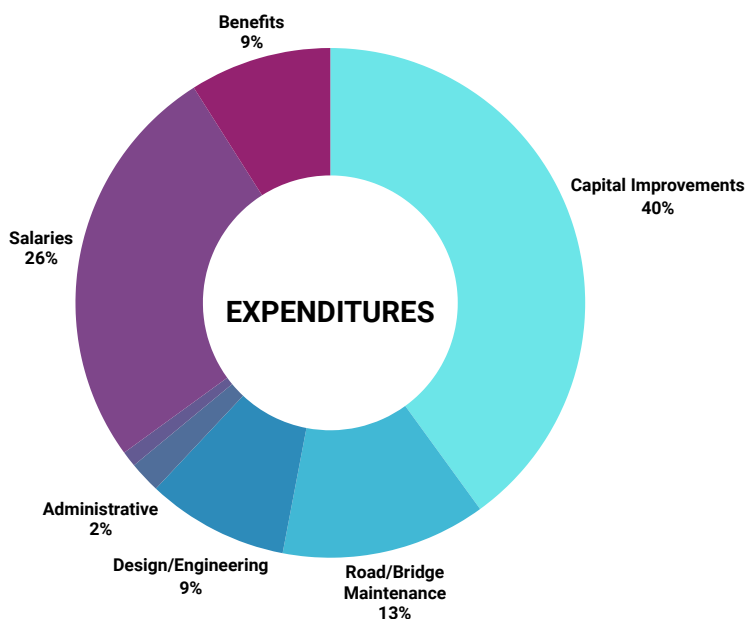
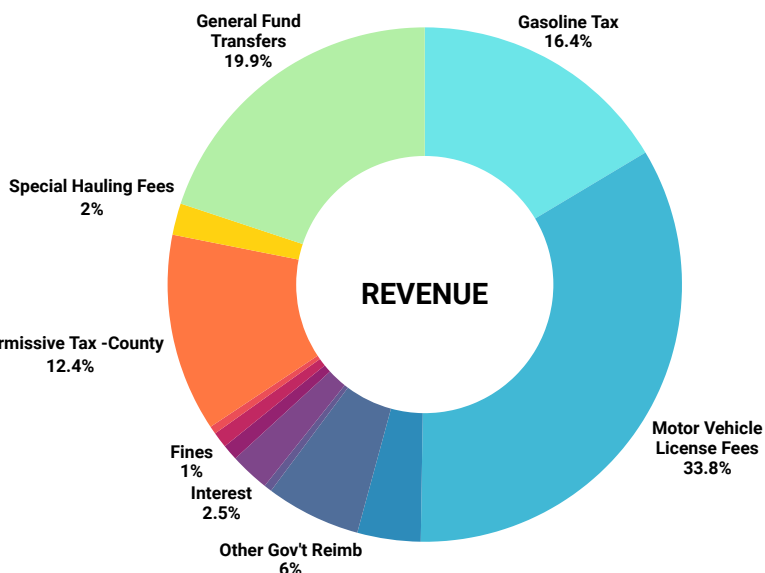
Intragovernmental Revenue	\$	282,431.09
Sales	\$	148,258.04
Fines	\$	0
Other	\$	32,481.12
Reimbursements	\$	110,986.01
Inspection Fees & Permits	\$	0
Project Management	\$	2,966,964.47
Permissive Tax - County	\$	0
Surety Bond/Subdivision Foreclosures	\$	0
Study Grant	\$	350,677.05
Special Hauling Application Fee	\$	4,692,939.74
General Fund Transfers		
Total	\$	8,584,737.52

Total Revenue \$ **23,740,809.71**

2025 Expenditures

Capital Improvements	\$	8,089,563.33
Road/Bridge Maintenance	\$	2,639,878.57
Design/Engineering	\$	1,876,735.83
Administrative	\$	377,164.46
Debt Retirement	\$	105,208.54
Salaries	\$	5,395,937.58
Benefits	\$	1,931,123.58

Total Expenditures \$ **20,465,611.89**



Human Resources



- 81 Employees
- 7 Full-time permanent "new hires" in the Engineering, Development Services/Storm Water, Construction, and Operations Departments.
- 1 Part-Time "rehire" in the GIS/Tax Map Department
- 9 Co-ops/Interns hired in the Engineering, Operations, and Storm Water departments.
- 1 Retirement

GREGORY J. WILKENS, P.E., P.S.

BUTLER COUNTY ENGINEER



BUTLER COUNTY ENGINEER'S OFFICE

FOR MORE INFORMATION

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