



Jeremiah D. Upp, P.E., P.S.
Fairfield County Engineer

Did you know the Fairfield County Engineer's Office:

- Is responsible for over 361 miles of road
- Is responsible for approximately 345 bridges located on county, township, and city roadways
- Assists Township Trustees with local needs
- Assigns house numbers
- Issues permits for anyone working in the right-of-way or hauling oversized/overweight equipment
- Reviews surveys and approves lot splits
- Reviews subdivision plans

THE FAIRFIELD COUNTY ENGINEER'S OFFICE ANNUAL REPORT

2024 Annual Report

2024 was another productive year for the Fairfield County Engineer's Office. Our main goal is to always keep the roads safe for the traveling public. In 2024, we were able to rehabilitate 6 bridges, replace 17 culverts, and resurface and chip seal numerous miles of roadway. Thanks to grant funding of over \$3 million dollars, our office was also able to make major safety improvements to a corridor along Refugee Road in Violet Township.

In 2017, our office reviewed high accident locations identified by ODOT and identified an accident problem along the corridor of Refugee Road. We then performed a safety study of this corridor to identify crash patterns and what improvements could be made. As a result of this study, our office was awarded \$2,100,000 in federal grant money, \$750,000 in MORPC attributable funding, and \$600,000 in grant money from the Ohio Public Works Commission to improve safety along this corridor which contains multiple schools. Money from these grants assisted us with design, environmental, right-of-way, and construction costs.

Improvements focused on improving intersection safety and capacity along Refugee Road at Harmon Road, Education Drive, Milnor Road, and Pickerington Road. The intersection at Pickerington Road was realigned to reduce the poor skew angle of the intersection and included left turn lanes in each direction, a southbound right turn lane, a new signal, and an addition of protected/permissive left turn signal phasing. Additionally, a westbound right turn lane at Milnor Road and Harmon Road, along with reconstructed signals to provide protected/permissive turns, was added. All three signalized intersections received ADA ramps and cross walks along with pedestrian signals. The intersections include nighttime illumination as well as backplates to improve signal visibility. An eastbound right turn lane was installed at the intersection of Education Drive to alleviate the backing up of traffic on Refugee Road as parents enter the elementary school at this location.

This project is just the first phase of a larger project to address accidents and safety in this corridor. The County, along with the Fairfield County Transportation Improvement District, is looking at a larger "Complete Street" project along the corridor from the existing multi use path and sidewalks at SR256 and connecting through to the Tollgate Road Middle School at the intersection of Refugee Road and Tollgate Road. The planned multi use path and sidewalks will fill a much-needed void for active transportation within this community. The county plans to pursue, as part of the next phase, implementing these improvements to provide safe active transportation in this corridor.



Refugee Road Pre Construction



Refugee Road Construction



Refugee Road Post Construction



Refugee Road Post Construction

2024 Road & Bridge Projects

CULVERT PROJECTS

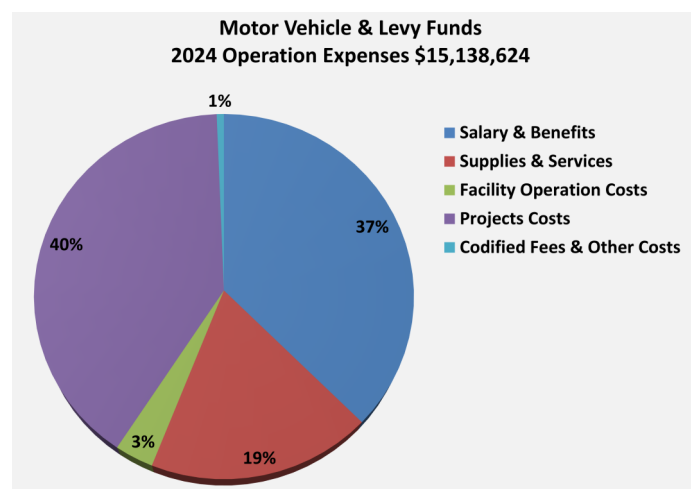
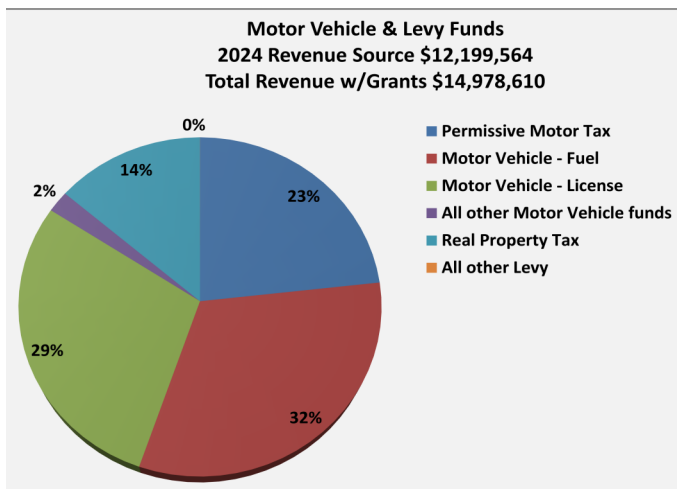
Seventeen culvert projects were constructed by county forces this year totaling approximately \$978,280. Construction took place on the following roadways: Amanda-Southern Road, Basil-Western Road, Bauman Hill Road, Carroll-Northern Road, Clearcreek Road, Coonpath Road, Fosnaugh School Road, Julian Road, Mt. Zwingli Road and Winchester-Southern Road.



County forces made drainage improvements to Bauman Hill Road (CR53) by replacing an existing culvert, widening the shoulders, and replacing guardrail. *(pictured above)*



County forces replaced an existing culvert on Fosnaugh School Road (CR4), widened the shoulder, relocated the ditch, and installed guardrail. *(pictured above)*.



2024 Road & Bridge Projects

Together with the Fairfield County Commissioner's, our office completed the construction of a new 6500 ton salt barn equipped with a new brine system. Both of these tools will be a major improvement to our snow and ice program and allow us to provide better treatment for roadways during snow and ice events.

The Ohio EPA awarded the Fairfield County Engineer's Office \$74,652.00 in grant funding from H2Ohio Rivers Chloride Reduction Grant Program. This funding was used to construct the new brine system to lower overall salt use and improve winter driving conditions in Fairfield County.

This new structure would not be possible without the assistance of our Fairfield County Commissioners.

Old salt storage shed which held approximately 1600 tons of salt (pictured right)



New brine tank system (pictured left)



New salt barn facility constructed to hold 6500 tons of salt.



ICE AND SNOW CONTROL

Approximately \$227,145 was spent on salt and grits for the 2023-2024 winter season. Road crews purchased approximately 3158 tons of salt and 419 tons of grits to keep the county road system open. Such treatment is applied at intersections, hills, and curves as first priority.

2024 MICROSURFACING

Pavement Maintenance Systems LLC of Imlay City, Michigan, received the 2024 Microsurfacing contract for a total construction cost of \$766,684.86. Microsurfacing took place on sections of Basil-Western Road, Hamburg Road, Lake Road, Rainbow Drive, Sheridan Drive, and Winchester Road. Microsurfacing is a protective seal coat to extend life of pavement.

2024 RESURFACING

The Shelly Company of Thornville, Ohio, received the 2024 Resurfacing contract for a total construction cost of \$658,879. Resurfacing took place on sections of the following roadways: Coonpath Road and Pleasantville Road.

COUNTY FORCES CHIP & SEAL

County Forces seal coated approximately 34.57 miles along the following county roads for an approximate cost of \$842,537: Revenge Road, Hopewell Church Road, Crooks Road, Stoney Hill Road, Delmont Road, Savage Hill Road, Bauman Hill Road, West Point Road, Lake Road, Sugar Grove Road, Hurst Hill Road, Sharp Road, Blue Valley Road, Old Logan Road, and Rainbow Drive. (Old Logan Road chip seal pictured right).



THE FAIRFIELD COUNTY ENGINEER'S OFFICE

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Monday thru Friday



Visit us on the web at
www.co.fairfield.oh.us/Engineer



2024 Annual Report
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Fairfield County Engineer's Office
www.co.fairfield.oh.us/Engineer

The Fairfield County Engineer's Office Staff "Working Together for Tomorrow"

Administrative Division

Jeremiah Upp	County Engineer
Eric McCrady	Deputy Engineer
Bill Maravy	Deputy Engineer
Mitch Noland	Deputy Engineer
Jeff Camechis	Operations Administrator
Todd May	Subdivision Engineer
Cheryl Downour	Deputy Director, Finance & Admin
Julie Huggins	Accounting Clerk
Tim Anderson	Rd/Bridge Inspector
Jamie James	Roadway Services Tech.
Jake Kemmerer	Roadway Services Tech.
Alex Alonzo	Engineer Tech II
Dustin Matthews	Engineer Tech I
Andy Boystel	Project Surveyor/GIS Coordinator
Josh Casto	Subdivision DMD Worker
Nick Townsend	Subdivision DMD Worker
Jay West	Traffic & Road Inspector
Wendell Good	Facility/Maint Coordinator

Maintenance Division

Sean Meachem	Superintendent
John Aubery	Asst. Superintendent
Corey Bibler	Safety & Traffic Superintendent
Dave Stalder	Road Maint. Supervisor
Bill Putnam	Road Maint. Supervisor
Brent Emmert	Road Maint. Supervisor
Jeremy Cain	Road Maint. Supervisor
Gary Harvey	Asst. Road Maint. Supervisor
Henry Hill	Mechanic Supervisor
John Long	Asst. Mechanic Supervisor
Jacelyn Cain	Clerk Specialist

Road Crew

Austin Albert	Kevin Rinehart
Mick Barkhurst	Gene Schultz
Mike Carpenter	Brian Thaxton
Jesse Cavinee	Dylan Thaxton
Sonny Chappellear	Roger Tipton
Dave Frazier	Robert Tooill
David Frear	Jonathon VanAtta
Richard Gaskill	Robert Walters
William Graf	John Webb
Ryan Hall	Chris Westfall
Brent Hamilton	Brandon Williams
Coltin Haney	Mark Williams
David Hill	Mike Withem
Lance Hutchison	
Todd Kirk	
Keven Martin	
Trey Riffle	

CONGRATULATIONS TO OUR RETIREES

Mike Arter
and
Randy Carter

Both retired with over 30 years
of service!



It is with profound sadness that we announce the unexpected passing of John Kilbarger on December 16, 2024. John dedicated almost 17 years of service to our office, beginning in August 2007 as a Road Worker before advancing to the role of Equipment Operator. He was widely recognized and respected throughout the community for his expertise in operating equipment. Above all, John was a devoted husband, a proud and loving father, and a loyal friend. He leaves behind a legacy of hard work, dedication, and kindness. He will be deeply missed by his colleagues, friends, and all who had the privilege of knowing him. His memory will be cherished always.