

2021-2022 Annual Report



Paul P. Huelskamp PE, PS

**Miami County Engineer's Office
& Highway Garage**

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Hours

7:30 am - 4:00 pm
Monday thru Friday

Summer Garage Hours

6:30 am - 3:00 pm



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Honorable Board of Miami County Commissioners,

March 2022

In compliance with section 5543.02 of the Ohio Revised Code, I am pleased to offer this 2021-2022 annual report for your review. This report provides you with details of our activities during 2021 regarding the maintenance of county-owned roads, bridges and culverts. Along with a description of completed projects, the report includes upcoming initiatives, with associated cost estimates, for 2022 and beyond.

As we all continue to navigate the challenges of the pandemic, it was "business as usual" for the 2021 construction season. The Knoop Road Bridge No. 00.18, due to a structural concern, had to be closed to the public in 2020. Late in 2020, the Knoop Road Bridge No. 00.18 Replacement Project was bid and awarded to Brumbaugh Construction, Inc. Construction began at the end of November and completed in April 2021. The bridge was replaced with all local funds at a cost of \$567,758.80. The Knoop Road Bridge was a Credit Bridge Candidate and received \$454,207.04 in bridge credit.

On March 30, 2021, bids were received for the replacement of the Range Line Road Bridge No. 06.75 in Newton Township, 900 feet south of Fenner Road. This structure was in poor overall condition due to the deterioration of the stone abutments and concrete deck and was replaced with 56'-0" L.F. of 20'x10' four-sided precast concrete box culvert. The four-sided precast concrete box culvert was competitively bid and awarded to Lindsay Precast, Inc. of Canal Fulton, Ohio in the amount of \$89,504.00. The total cost for this replacement was \$210,993 and was funded by the Miami County Bridge Levy.

Proposals were received on July 15, 2021 for the Frederick-Garland Road Bridge No. 07.67 Replacement Project. The project was subsequently awarded to Eagle Bridge Co. of Sidney, Ohio in an amount of \$1,149,767.30. This replacement project is 33% funded by OPWC Funds and has a completion date of July 29, 2022.

The Ziegler Road Bridge No. 00.57 Replacement was bid on September 7, 2021 with four proposals being received for the project. Durst Brothers Excavating, Inc. submitted the lowest proposal at \$272,437.81 and was awarded the project. The replacement project is being funded by local funds and has a completion date of May 31, 2022.

We finished out the year bidding the 2021 Miami County Bridge Package. The bridge package includes the replacement of the Peterson Road Bridge No. 05.66 and Loy Road Bridge No. 04.51. Bids were received on November 30, 2021 and was awarded to Brumbaugh Construction, Inc. in an amount of \$1,017,613.00. The Bridge Package has a completion date of October 31, 2022.

We did not have any special paving projects programmed for 2021 but still resurfaced portions of eight roads for a total of 29.97 miles. Two of the eight roads were upgraded from chip seal surfaces to asphalt surfaces; Horseshoe Bend Road (1.25 miles) and Miami Shelby East Road (4.006 miles) received two courses of compacted asphalt for a total of 2". The aforementioned miles included road surfaces as old as 22 years. Our current total certified road mileage is 422.557, at the current rate of road miles we are paving each year, we continue to be on a 15-year paving cycle.

2021's special project was the MIA-CR25A-GRFY21, County Road 25A Guardrail Upgrade Project. Bids were received for this project on November 5, 2020 and was awarded to Cuyahoga Fence, LLC of Cleveland, Ohio on December 3, 2020. This project included upgrading all of the existing guardrail along County Road 25A from the north City of Troy corporation limit to the south corporation limit of the City of Piqua. The total project cost was \$179,062.50 and was 100% Federally funded.

Please take a look at the information in this report to gain insight into our past accomplishments and future goals. If you have any questions about the duties or responsibilities of the County Engineer's Office, don't hesitate to contact me. As always, I appreciate the opportunity to serve you and the citizens of Miami County as your County Engineer.

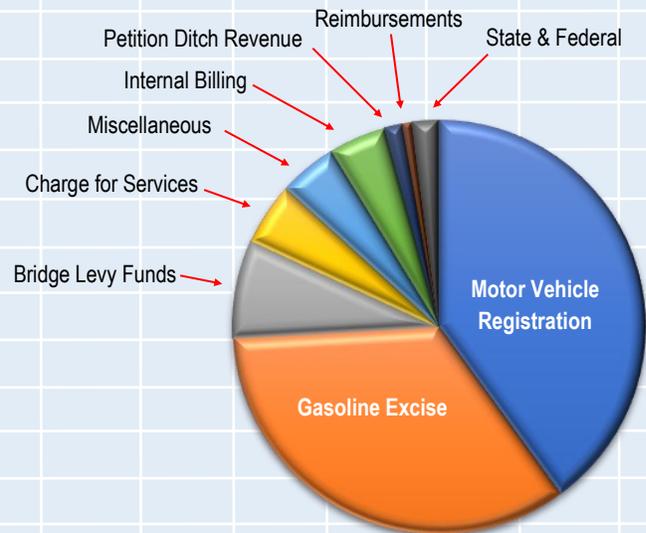
Paul P. Huelskamp PE, PS

Finances

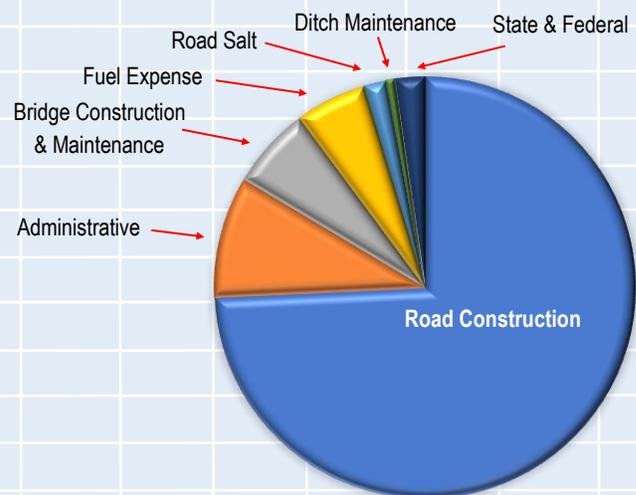
Funds to support the County Engineer operations come primarily from highway user fees like Motor Vehicle Registration Fees and Gasoline Excise Tax. In 2021, we received \$8,111,105 in such fees. Additional funds are generated through the Miami County Bridge Levy, which voters have supported since 1951 and was renewed again in 2020. Levy funds, which totaled \$849,493 in 2021, are used to build, maintain and repair the large number of bridges and culverts in the county.

Whenever possible, we apply for Federal grant money and Ohio Public Works Commission matching funds to maximize the use of county dollars to complete many projects that would otherwise be unaffordable. In 2021, we secured \$12,757 in State Grant funds and \$225,271 in Federal funds. A breakdown of our 2021 Revenues and Expenditures is shown below.

REVENUE		2021	2020
		COMPARISON	
Motor Vehicle Registration Fees	40%	\$4,371,411	\$4,033,697
Gasoline Excise Tax	34%	\$3,739,694	\$3,614,207
Bridge Levy Funds	8%	\$849,493	\$822,991
Charge for Services	5%	\$533,308	\$722,584
Miscellaneous (Refunds, interest, etc.)	5%	\$493,873	\$396,283
Internal Billing	4%	\$485,230	\$238,692
Petition Ditch Revenue	1%	\$162,875	\$131,980
Reimbursements	1%	\$82,388	\$111,030
SUB-TOTAL		\$10,718,272	\$10,071,464
State & Federal Grants (Direct Payments)	2%	\$225,271	\$286,412
TOTAL	100%	\$10,943,543	\$10,357,876



EXPENDITURES		2021	2020
		COMPARISON	
Road Construction & Maintenance	74%	\$7,855,832	\$5,229,459
Administrative	9%	\$983,749	\$1,088,718
Bridge Construction & Maintenance	6%	\$667,948	\$932,041
Fuel Expense	6%	\$576,144	\$370,869
Road Salt	2%	\$184,190	\$164,674
Ditch Maintenance	1%	\$72,491	\$98,746
SUB-TOTAL		\$10,340,354	\$7,884,507
State & Federal Grants (Direct Payment)	2%	\$238,028	\$1,669,205
TOTAL	100%	\$10,578,382	\$9,553,712



2021 MAJOR VEHICLE AND EQUIPMENT PURCHASES

NEW VEHICLES	DEPARTMENT	COST
Two 2022 Single Axle Dump Trucks	Highway	\$290,186
One 2022 Tandem Axle Dump Truck	Highway	\$177,299
One 2022 Chevy Silverado Service Truck	Highway	\$75,400
One 2022 Chevy Traverse SUV	Office	\$27,235

EQUIPMENT	DEPARTMENT	COST
One John Deere 6110M Utility Tractor	Highway	\$53,022
Boom Mower with Rotary & Wood Grinding Heads	Highway	\$74,620
Two ODOT Snow Plows	Highway	\$20,850
One Arrow / Message Board	Highway	\$15,260
One Utility Trailer with 4' Tall Side Rails	Highway	\$5,487

ROADS

The Highway Department is responsible for maintaining 422.557 miles of highways in serviceable condition using limited funding resources. We accomplish this through an aggressive preventive maintenance program designed to prolong the life of our highway pavement to the greatest extent possible. The two primary ways to extend pavement life are through the use of crack-sealing, where hot bitumen is applied exclusively to pavement cracks; and dura patching, which applies a mixture of bitumen and gravel to repair fractured/damaged roadways. Typically, in the spring, we experience potholes due the freeze/thaw cycles that occur during the winter months, our county crews will apply dura patch to those areas that appear on county roadways. Because the operation of crack-sealing involves a large crew to complete, our office will utilize ODOT's Co-Op Purchasing Contract to have J&A Construction, Inc. of Greenville, Ohio crack seal selected roads. In 2021, we utilized ODOT Contract No. #101G-22 to have portions of six roads treated for a total of 23.278 miles (a 6.421-mile increase from 2020) at a total cost of \$121,257.90. The more aggressive we can be with the application of crack seal to our roads will help to prevent larger maintenance projects for those roads until they can be resurfaced. Each year our maintenance crews also completes numerous berm and spot repairs as needed.



County Road 25A Guardrail Replacement

The 2021 paving program resulted in 29.97 miles of county highways being resurfaced with asphalt concrete by the John R. Jurgensen Company at a cost of \$2,799,059.09. Roads resurfaced in the 2021 paving program included portions of Alcony-Conover, Frederick-Garland, Horseshoe Bend, Jay, Miami Shelby East, Palmer, Range Line and Troy-Sidney. As a cost-savings measure, townships are invited to bid out their resurfacing needs in conjunction with the County Engineer's Office. As a result, 4.303 miles of township roads were paved with asphalt concrete at a cost of \$503,563.

Last year's Chip Seal Program included two townships for a total of 2.40 miles at a cost of \$59,944. Miami County added portions of Childrens Home -Casstown, Falknor, and Snodgrass Roads to the program for an additional 10.25 miles at a cost of \$176,411.

Miami County did not have any special paving projects programmed for 2021 but did have a safety project that this office had been working on for many years, the MIA-CR25A-GRFY21, County Road 25A Guardrail Upgrade Project. The project involved upgrading the existing guardrail along County Road 25A from the City of Troy corporation line to the City of Piqua corporation line. Bids were received for the project on November 5, 2020 and an award was made to Cuyahoga Fence, LLC of Cleveland, Ohio on December 3, 2020 in an amount of \$179,062.50. The project began in the Spring of 2021 and was completed in April.

Our paving outlook for 2022 includes a total of 30.291 miles of roadway with an estimated cost of \$2,202,480. This will include portions of Covington-Gettysburg, Kessler-Frederick, Piqua-Clayton, Statler and Versailles roads. The above-mentioned mileage includes 5.020 miles of Piqua-Troy Road which is our special paving project for 2022. The project will be 80% funded by CEAO STP funds and 20% local funds.

CULVERTS

In 2021, our culvert crew replaced 58 structures at a total cost of \$393,407. We continue to prioritize the replacement of culverts on roads that are scheduled to be resurfaced, to avoid having to cut into any new roadway in the foreseeable future.

Our largest culvert replacement in 2021 was on Evanston Road in Monroe Township, Culvert No. 0.012. The project involved placing 35 lineal feet of 7'x 3' box culvert, relocating a catch basin and storm sewer and replacing 40 lineal feet of 24" tile main under the road and right-of-way. The total cost of the project was \$45,500. The second largest culvert replacement was on Jay Road in Union Township, Culvert No. 1.780. County crews installed 36 L.F. of 8'x5' concrete box at a cost of \$27,502.

In preparation of the paving program, our crews replaced 17 culverts on Range Line Road, including 96 L.F. of 48" RCP (Culvert No. 9.229) at a cost of \$17,725 (ODOT paid for the pipe) and 40 L.F. of 76"x48" elliptical RCP (Culvert No. 5.503) at a cost of \$16,972.30. Other roads receiving culvert replacements included Palmer Road, Miami-Shelby East Road, Lauver Road, Horseshoe Bend Road, and Frederick-Garland Road. In 2022, we anticipate replacing 50 to 60 culverts as part of our on-going culvert upgrade program.



Evanston Road Culvert No. 0.012 Replacement

As mentioned on the cover page of this report, the Knoop Road Bridge No. 00.18 in Staunton Township had to be closed to the public in 2020 due to a structural concern. On November 5, 2020, bids were received for the replacement of the existing three span bridge and was later awarded to Brumbaugh Construction, Inc. of Arcanum, Ohio. Construction was started at the end of November 2020 and was completed in April 2021. The new two span prestressed concrete beam structure was replaced with all local funds at a cost of \$567,758.80. The Knoop Road Bridge No. 00.18 was a Credit Bridge Candidate and received \$454,207.04 in bridge credit.



Knoop Road Bridge No. 00.18

The second major bridge project was the Range Line Road Bridge No. 06.75 in Newton Township, 900 feet south of Fenner Road. This structure was in poor overall condition due to the deterioration of the stone abutments and concrete deck and was replaced with 56'-0" L.F. of 20'x10' four-sided precast concrete box culvert. The four-sided precast concrete box culvert was competitively bid and awarded to Lindsay Precast, Inc. of Canal Fulton, Ohio in the amount of \$89,504.00. The total cost for this replacement was \$210,993 and was funded by the Miami County Bridge Levy.



Range Line Road Bridge No. 06.75

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As we head into 2022 with three contracted bridge projects, we are preparing plans and specifications for the 2022 Miami County Bridge Package which includes the replacement of Hill Road Bridge No. 00.51 and Sugar Grove-Circle Hill Road Bridge No. 00.13 with an engineer's estimate of \$921,500.00. Both bridges will be replaced with prestressed box beams.

Other future major replacements include:

- Peterson Road Bridge No. 0.05 Replacement, an existing prestressed box beam bridge spanning the Great Miami River, will be replaced with a prestressed I-beam bridge. The estimated cost is \$5,738,000 in SFY 2024.
- Troy-Sidney Road Bridge No. 1.20 Replacement, an existing steel beam bridge, will be replaced with prestressed box beams. The estimated cost is \$506,072 in SFY 2024 (100% Federally Funded.)

We continue to rely heavily on funds generated through the Miami County Bridge Levy to accomplish the goals of the department related to bridge construction and repair. The Miami County Bridge Levy Renewal was approved by the voters during the November Election of 2020. Our thanks to the voters and taxpayers of Miami County for their continued support of this vital funding stream. As always, our commitment is to seek out and use all available resources to insure the continued serviceability and safety of our county-wide bridge system.

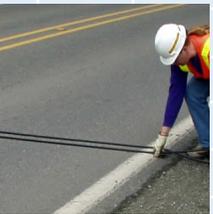


TRAFFIC CONTROL

Every 5 years, an inspection of the County's traffic signs takes place to determine the nighttime visibility (retro reflectivity) of the sign inventory. In order to determine the traffic signs that needed replaced, the County's sign department conducts a Visual Nighttime Inspection which includes a survey of the entire sign inventory during nighttime hours. In 2020, a Visual Nighttime inspection was completed and the process of replacing signs that have been determined to have low retro reflectivity has begun. In 2021 the Miami County Sign Shop has replaced a total 448 signs with non-compliant reflectivity on County and Township roads.



In addition to the above-mentioned sign replacements, our sign department replaced or reset approximately 438 signs in 2021. Of these 438 signs, roughly 233 were replaced due to traffic accidents, 107 due to vandalism, 82 due to routine maintenance, and 16 due to weather related incidents. The remainder of the signs were replaced due to continual maintenance and upgrades to our sign inventory.



TRAFFIC COUNTS

This office conducts 48-hour traffic counts at approximately 130 locations each summer on county and township roads. The traffic count data is used to establish priorities for roadway repair, repaving, lane-width alterations, signage requirements, and other highway-related improvements. This year, traffic counts were conducted by Choice One with the guidance of the Engineers Office. Along with the usual traffic information gathered, Choice One was able to provide the Engineer's Office with heavy vehicle (trucks, buses, other vehicles, etc.) counts at each traffic count location. Video recordings were also made available at each traffic count location.



MOWING & SPRAYING

In 2021, pursuant to Section 5579.04(B) of the Ohio Revised Code which states in part, ". . . county engineers . . . shall destroy all brush, briars, burrs, vines, noxious weeds . . . growing within the limits of a county road within their jurisdiction, our county crews met the mowing requirements completing multiple rounds of mowing for approximately 422 miles. This was accomplished by crews utilizing our fleet tractors that are equipped with side mount and rear offset mowers. The two mowers allow our crews to make one complete pass versus the previous two passes that were required to reach the right-of-way limits, fence or crop line. Our crews also mowed 139.05 acres of petition drainage ditches, utilizing in-house equipment and resources.



SNOW & ICE REMOVAL

The 2021/2022 winter season closely resembled the 2020/2021 winter season inasmuch they both had a slow start with the bigger weather events coming in January and February. While the previous winter season saw a total Labor/Material/Equipment cost of \$364,019 with a total of 4,012 hours (including regular and overtime hours) plowing and/or treating the roads; our 2021/2022 season saw a total overall cost of \$194,295 (a 46% decrease) with a total of 1,652 hours required to perform the plowing/deicing duties. As of the date of this annual report, the full affects of this past winter season on our county roadways has yet to be fully determined. The fluctuating temperatures experienced during the winter season break up our older pavements as the ground contracts and expands during the freeze/thaw cycles.



PAVEMENT MARKING

In 2021 we utilized contracted services to complete our edge line and center line marking on both county and township roads. We contracted with The Aero-Mark Company LLC of Streetsboro, Ohio to complete center line marking on 117 road miles of county highway and 68 miles of township highway at a cost of \$66,970. Aero-Mark also edge lined 231 line miles of county highway and 139 miles of township highway at a cost of \$119,880. Most of the county-maintained roads are on a three-year striping schedule.



DITCH NAME	NO.	CONSTRUCTION COST BASIS	2021 ACTUAL ANNUAL	TYPICAL ANNUAL
AGENBROAD	852	NEW CONSTRUCTION		
* ** BEARD	807	\$10,876.54	\$2,507.19	\$2,550.00
CALDWELL	849	\$429,980.91	\$12,907.76	\$7,150.00
* COTTINGHAM	806	\$10,883.13	\$4,840.86	\$4,100.00
** DYE MILL	805	\$22,804.21	\$8,127.72	\$8,250.00
FREE-STINE	857	\$252,280.26	NEW CONSTRUCTION	
* ** FRESHOUR	841	\$11,916.90	\$1,430.02	\$2,400.00
** FROSTY-LANDIS	826	\$34,091.47	\$3,425.90	\$3,000.00
GALLAMAR	850	\$98,702.79	\$4,780.52	\$4,600.00
** HARTSTEIN-	829	\$25,143.74	\$2,251.89	\$1,450.00
HARWOOD	818	\$207,656.20	\$17,650.75	\$3,000.00
** HELMICK HARLACHER	833	\$37,225.01	\$4,094.76	\$4,300.00
LANE-HATHAWAY	842	\$18,901.11	\$2,771.90	\$2,250.00
** LEONARD	811	\$49,496.92	\$20,024.98	\$31,000.00
LUTHERAN RD. GP.		MONT.	\$439.14	MONT.
** MARSH	817	\$9,777.84	\$2,444.50	\$1,350.00
MOHLER JOINT	363	MONT.	\$4,619.05	MONT.
MUMFORD	846	\$68,543.11	\$1,734.92	\$800.00
PEMBERTON	843	\$18,708.50	\$1,824.32	\$1,500.00
** REEDER	838	\$39,157.81	\$3,916.85	\$4,400.00
* ** REIGHARD	824	\$11,951.01	\$2,806.95	\$2,400.00
SHELBY COUNTY JT.		SHELBY	\$6,790.58	SHELBY
SWAILES RUN	844	\$53,550.00	\$374.85	\$750.00
TROY-CONCORD	821	\$331,070.59	\$22,049.49	\$27,500.00
UPPER LUDLOW	845	\$264,994.15	\$331.55	\$600.00
* WAUGER BRANCH	808	\$44,776.61	\$9,893.49	\$8,450.00
* ** WELSCH	814	\$18,664.96	\$2,407.66	\$3,300.00

*	= Evaluate Current Collection
**	= Construction Base Needs Re-Evaluated
>	LUTHERAN RD. GP. JOINT AND MOHLER JOINT = MONT. CO. MAINT.
>	SHELBY COUNTY JT. DITCHES = SHELBY COUNTY MAINTENANCE

DITCHES

Annual assessments are collected to finance on-going maintenance on 27 ditches in Miami County (see chart at left). These assessments are collected from adjacent landowners who benefit from the drainage improvement. State law limits ditch fund maintenance reserves to a set percentage of the construction cost of the ditch. Eleven ditches (double asterisk) require review of their approved construction base because the annual collection does not provide sufficient funding to maintain the completed project. In many cases, this approved construction base is decades old with no adjustments for inflation ever being made. Many of these same ditches are also in need of work which goes beyond the scope of routine maintenance (i.e. mowing and spraying). Until the construction base is raised, additional funds cannot be collected to cover the additional work needed. Review of the construction base for the Beard, Hartstein-Switzer, and Reighard ditches have been further delayed due to COVID-19 restrictions of public meetings. Public gathering restrictions will determine if these, or other reviews may be completed in 2022.

Routine ditch maintenance includes mowing and weed-spraying, but occasionally a drainage-way may require a cleanout or more extensive repair to restore drainage efficiency. In 2021 the Hartstein-Switzer, Pemberton, Troy-Concord, Wauger, and several other ditches required such repairs. In 2022 we anticipate that 13 of the 27 ditches listed at the left may require some sort of maintenance exceeding the norm, including ditch crossing replacement, tree and brush removal, open ditch cleanout, and tile main and/or spur repair/replacement.

Construction of the Agenbroad Group Ditch No. 852 began in late 2021 in Bethel Township. This improvement is being constructed pursuant to O.R.C. Chapter 940, Soil and Water Conservation Commission. The completed improvement will include the installation of a replacement drainage tile (failing), tree and brush removal, and restoration. Construction of the Agenbroad Group Ditch will be completed in the first half of 2022. All portions of the constructed Agenbroad Group Ditch within the project extents will be maintained pursuant to O.R.C. Chapter 6137, Ditch Maintenance Fund.

On March 24, 2021, revisions to O.R.C. 940, 6131, 6133, and 6137, also known as the "Petition Ditch Laws," as signed by Governor DeWine became effective. These Ohio Revised Code Chapters have needed revision for many years. Updates include an increase in the petitioner's bond, revised certified mailing requirements, public view and hearing modernizations, and other revisions that will be beneficial to the "Ditch Petition Process."

Federal / State Funded Projects

ROADS

PIQUA-TROY ROAD RESURFACING PROJECT

This project consists of overlaying Piqua-Troy Road from the City of Troy corporation limits to the City of Piqua corporation limits.

Year: 2022 Total Cost: \$904,000 Local Share: \$180,800 (20%) Other Funding: \$723,200 - CEAO STP (80%)

TROY-URBANA ROAD RESURFACING PROJECT

This project consists of overlaying Troy-Urbana Road from the Deweese Road to the Champaign County Line.

Year: 2023 Total Cost: \$1,115,300 Local Share: \$238,000 (20%) Other Funding: \$952,000 - CEAO STP (80%)

WASHINGTON ROAD RESURFACING PROJECT

This project consists of overlaying Washington Road from the State Route 41 to Drake Road.

Year: 2024 Total Cost: \$624,000 Local Share: \$124,800 (20%) Other Funding: \$499,200 - CEAO STP (80%)

BRIDGES

REPLACEMENT: PETERSON ROAD BRIDGE NO. 00.05

This project consists of replacing the existing bridge over the Great Miami River.

Year: 2024 Total Cost: \$5,738,000 Local Share: \$738,000 (13%) Other Funding: \$5,000,000 - CEAO (87%)

REPLACEMENT: TROY-SIDNEY ROAD BRIDGE NO. 01.20

This project consists of replacing the existing bridge over Spring Creek.

Year: 2024 Total Cost: \$506,072 Local Share: \$0 Other Funding: \$506,072 - CEAO (100%)

SAFETY STUDIES – NO PASSING ZONE AND PAVEMENT MARKING INVENTORIES

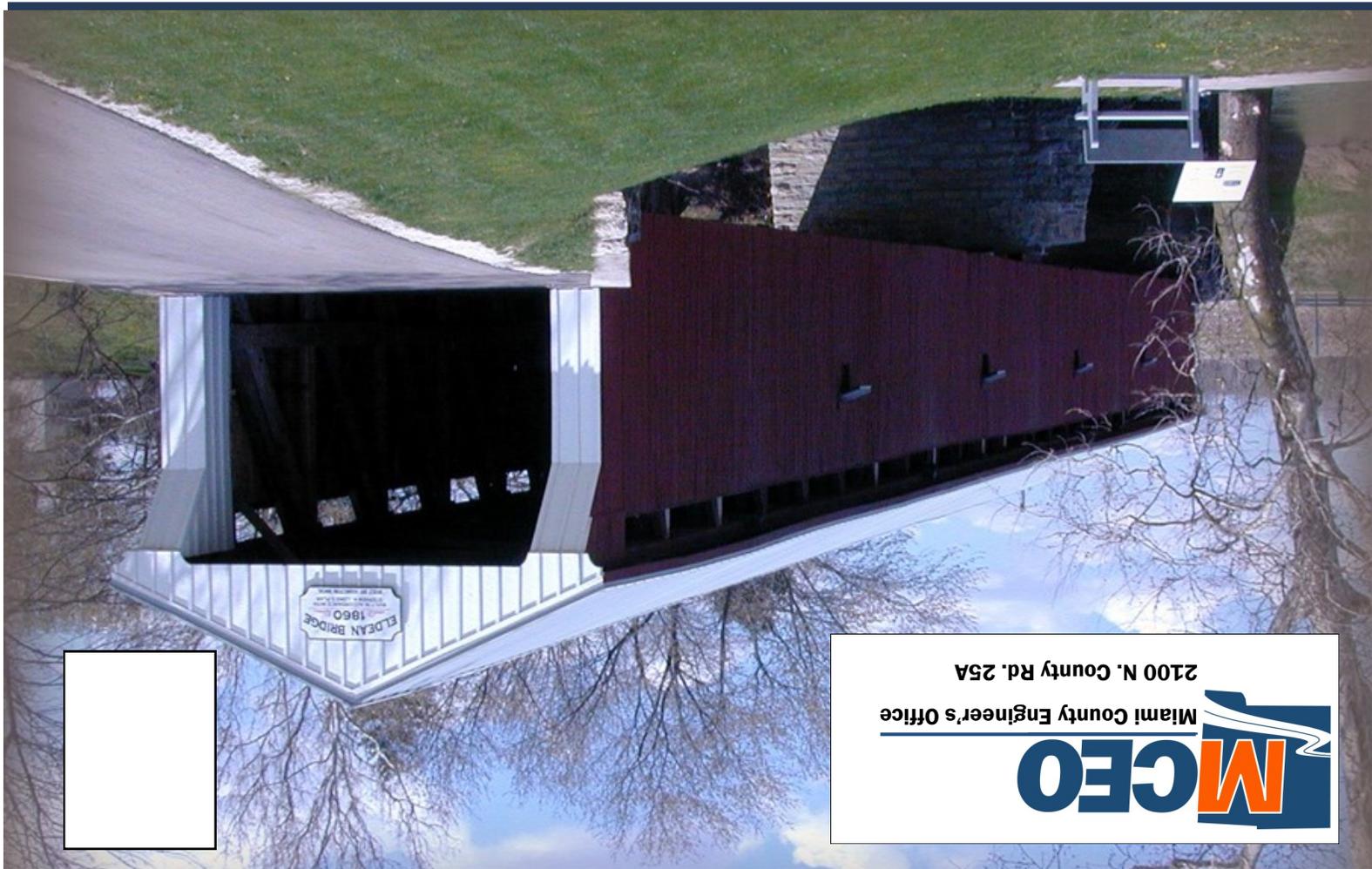
Starting in 2022, Mastermind, LLC will be completing a Pavement Marking Inventory and a No Passing Zone Inventory for various County and Township Roads. Locations of pavement markings such as, stop bars, transitional lines, railroad markings, school markings, lane lines, crosswalks, edge lines, turn arrows, channelizing lines, and double yellow lines will be cataloged and marked with a GPS location. This information will be used to for roadway safety data and will help the Engineer's Office plan for future paving projects.

Year: 2022 Total Cost: \$89,440 Local Share: \$8,944 (10%) Other Funding: \$80,496 - CEAO HSIP Safety Study (90%)

TAX MAP

The Tax Map Department draws and maintains tax maps for over 52,500 parcels of land in Miami County. A tax map shows the shape, size and owner of each parcel of land, and is used by the County Auditor to determine property taxes used to support local school districts. All tax maps, land/lot survey records, and record plats, a total of over 27,000 documents currently, are individually scanned so that digital copies are available by request via e-mail. Currently, all tax maps are available on Miami County's website. As always, however, if personal assistance is desired, Tax Map personnel stand ready to serve the public's needs in accessing and navigating property documents and surveys from their office on the first floor of the Miami County Safety Building.

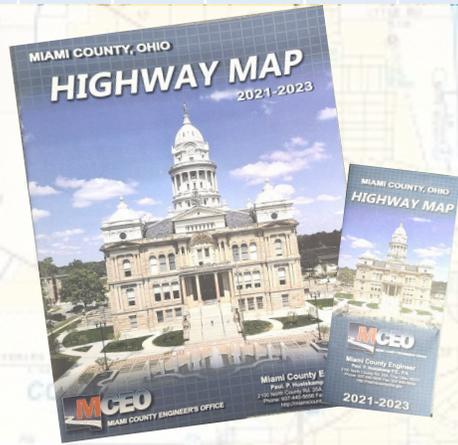
In addition to tax map work, multiple County departments call on the Map Department for special mapping projects from time to time. The Map Department Technicians maintain Precinct Maps at the request of Miami County Board of Elections. They have updated and are maintaining township right-of-way maps, showing legal widths of all township and county roads. Also, in 2021, the department reviewed the content and mathematical accuracy of 170 boundary surveys, many of which are multiple tracts, 150 of which were filed for record with the County Engineer. The department also reviewed and checked the mathematical accuracy of more than 90 Recorder's Plats, which consist primarily of residential and commercial subdivisions, street and alley vacations, annexations, and right-of-way plans of road projects. A total of 66 Record Plats were recorded in 2021, as well as a number of sets of road/highway plans. Finally, the department reviewed the legal descriptions of every property transferred in Miami County where over 6100 deeds, affidavits, and Certificates of Transfer were recorded, each one containing one or more legal descriptions requiring review by the department. This number does not include descriptions which were reviewed strictly for title purposes.



2100 N. County Rd. 25A
Miami County Engineer's Office



County Maps



Maps, in both book and folded formats, are available free of charge at the County Engineer's Office and at the Tax Map Department in the Safety Building. The maps include detailed information on cities and villages throughout the county, and indicate road names, township boundaries, points of interest, and more.

Matthew Allen Reid

It was with very heavy hearts that we had to say goodbye to Matthew (Matt) Reid who passed away unexpectedly in October 2021. Matt came to work at the Miami County Highway Garage on September 4, 2018 as a Highway/Bridge Worker 1 and was promoted to a Highway/Bridge Worker 2 on 7/10/21. Matt was a diligent worker who always wore a smile. He was loved and admired by everyone within the organization.

Matt enjoyed farming and serving on the Fletcher Fire Department. His hobbies included Allis Chalmers tractors and tractor pulls.

Matt is profoundly missed.

