

CLERMONT COUNTY ENGINEER'S OFFICE

# ANNUAL REPORT

# 2022



**JEREMY P. EVANS, PE, PS**

Pond Run Road  
Bridge No. T767-0.68  
Pierce Township



Felicity Cedron Rural Road  
Culvert CC45-34  
Franklin Township

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Dear Commissioners,

The following 2022 Annual Report is presented for your review in accordance with Ohio Revised Code Section 5543.02. This report details the work of the Clermont County Engineer's Office in 2022 and provides a summary of anticipated projects for 2023.

Inflation and supply chain issues continue to be some of the larger challenges faced by our industry. The rising costs of materials, equipment, and fuel continue to strain our already tight revenues. As in previous years County Engineer staff has taken a flexible approach, successfully adapting to the circumstances in order to remain productive. In 2022 our crews were able to complete the repair or replacement of 4 bridges, 5 large culverts and 79 other culvert projects in addition to our regular road maintenance activities.

Regardless of the state of the economy we continue to pursue grants in order to subsidize and maximize the use of our local funds. In 2022 we successfully pursued \$6.8 million in total grant funding for road and bridge projects. Through funding made available by the Bipartisan Infrastructure Law we received four grants for bridge projects totaling \$2.8 million. These four bridge projects include some of the largest bridges in our inventory which would have been difficult to address without these grant resources.

Another greatly appreciated source of funding came in the form of your contribution of \$4 million of ARPA funds toward our annual resurfacing program. These dollars combined with our MVG funds allowed us to award a \$6.2 million contract, resurfacing or repairing 44.5 miles of roads in 2022. Not long ago, in 2018, Clermont County roads were on a 38 year paving cycle. Largely due to your support our roads are now down to a 22 year cycle and are in the best condition overall that we have seen in many years.

It appears that the 2023 construction season will bring some of the same challenges with continued inflation and supply chain issues. We expect to bid a large number of projects this year thanks in part to the additional grant funds we have received, but we may not see some of those projects completed or even beginning until 2024 due to contractor availability. The 2023 resurfacing program will once again be larger than typical thanks to another \$2 million contribution from this Board. The \$4.1 million contract will address resurfacing and repair of 31 miles of county roadway on 22 county roads.

I thank each of you for your continued support of this office.

Respectfully,

A handwritten signature in black ink, appearing to read 'Jeremy Evans', written in a cursive style.

Jeremy Evans, P.E., P.S.  
Clermont County Engineer

# Engineer's Office Functions

## Administration & Finance

Budget, Payroll & Accounting  
General Office Administration  
Human Resources  
Information Systems  
Permanent Public Records  
Township and Government Liaison  
Website/Social Media

## Construction & Inspection

Bridge Inspection  
Bridge Replacement/Rehab  
Capital Improvement Contracts  
Contractor Payments  
Driveway Permit Review  
Right-of-way Acquisition  
Special Hauling Permit  
Subdivision Street Inspection  
Utility Permits  
Utility Relocation Coordination

## Engineering & Design

Bridge Design  
Consultant Plan Review  
Culvert Design  
Drainage Review  
Engineering Review  
GIS Development  
Grants & Federal Aid  
Project Planning & Engineering  
Residential/Commercial Development  
Right-of-Way  
Road Atlas  
Roadway & Intersection Design  
Scheduling & Budgeting  
Stormwater Utility Management  
Surveying  
Traffic Engineering

## Operations & Maintenance

Emergency Road/Bridge Repairs  
Fleet Maintenance  
Roadside Berming/Ditching  
Road, Bridge & Culvert Maintenance  
Roadside Mow/Trim/Guardrail  
Safety - Personnel Training  
Snow & Ice Removal  
Traffic Signs/Pavement Markings  
Traffic Operations  
Truck Weight Limit Enforcement

## Tax Map

GIS Parcel Layer  
Property Owner History  
Real Property Transfers  
Survey/Easement Plats

# Road, Bridge & Culvert Conditions

## Road Condition Report



Miles: 387.1

**Average Condition Rating: 64\***

\*Pavement condition rating is out of 100, with 100 being new pavement.

The Ohio Department of Transportation recommends paving when a road is rated at 64 or less; 48% of county road miles have a score of less than 64.

Clermont County is currently on a 22-year paving cycle

New pavement has a 10-12 year life expectancy

## Bridge Condition Report



# 425

Number of Bridges

Of the **425** bridges maintained by the Clermont County Engineer's Office, 246 have a rating of good or better.

# 68

In the last 10 years, the county has replaced 68 bridges

# 50

A bridge has a 50-year functional life expectancy

# 176

Clermont County has 176 bridges built before 1973

# 33

Number of Load Restricted Bridges

Legal load limit for a bridge is 40 tons, otherwise must be posted

## Culvert Condition Report

**2985**

Culverts

**92**

Number of Critical Pipes  
*(Rated at 3 or less)*

**7.7**

Average Condition Rating  
*(9-Excellent, 5-Fair, 1-Critical Failure)*



For a full list of road, bridge and culvert conditions, please contact the Clermont County Engineer's Office.

## Did you know?

A bridge is a structure covering a span of 10 feet or more. Smaller structures are classified as culverts.

## Did you know?

There are 1,484 total road miles in Clermont County. Of those:

- 292 are Federal or State Highways
- 383 County Roads
- 689 are Township Roads
- 120 are City/Village Streets

# Capital Improvement Projects



**Road Projects**  
**\$8,529,575**



**Bridge Projects**  
**\$689,705**



**New Equipment Purchases**  
**\$237,078**

**TOTAL INVESTMENT:**  
**\$9,456,358**

## CAPITAL IMPROVEMENT FUNDING

In 2022, the Clermont County Engineer's Office was able to secure funding for approximately 42.6% of its capital improvement program from outside sources.

<b>Ohio Public Works Commision</b>	<b>\$25,402</b>
<b>American Rescue Plan Act</b>	<b>\$4,000,000</b>
<b>Motor Vehicle Gas Tax</b>	<b>\$5,430,956</b>

# County Maintenance Program

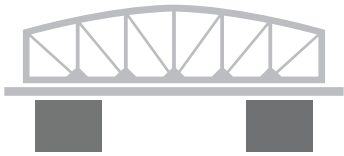
In addition to capital improvement projects, the Clermont County Engineer's Office is also responsible for maintenance of nearly 400 roadway miles, more than 400 bridges and over 2,800 culverts.

CCEO maintenance work falls into nine different categories.

**TOTAL HOURS: 56,387**



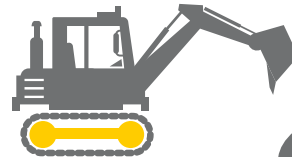
**Berming**  
3,163



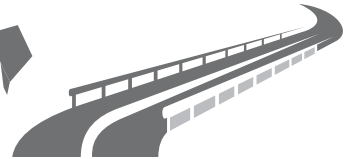
**Bridge & culvert maintenance**  
14,500



**County road maintenance**  
5,064



**Ditching**  
4,703



**Guardrail**  
4,502



**Mowing**  
4,876



**Potholes**  
4,298



**Signs & pavement markings**  
4,366



**Snow & ice removal**  
5,943



**Storm & Debris Cleanup**  
4,974



*Did you know?*

In 2022, there were 9 snow events that required the use of 4,356 tons of salt.

# 2022 Construction

In 2022, the Clermont County Engineer's Office managed a comprehensive resurfacing program, addressing 44.5 roadway miles on 20 different county roads. In addition, full depth repairs were made to 8 county roads. Through Cooperative agreements with 6 public entities, an additional 12.1 miles of roadway was resurfaced.

## Resurfacing Program

<b>Benton Road</b> SR 132 to US 50 1.413 miles \$177,690	<b>Blue Sky Park (FDR)</b> SR 133 to Brown County Line 2.838 miles \$115,097	<b>Brushy Fork Road</b> US 50 to Newtonsville-Hutchinson Road 2.821 miles \$212,281	<b>Buckwheat Road</b> Great Oaks Driveway to End of Gas Project Limits 0.317 miles \$32,730	<b>Clough Pike</b> McMann Road to Gleneste-Withamsville 1.524 miles \$341,527
<b>Clover Road</b> SR 133 to Dead End 3.011 miles \$378,060	<b>Concord-Hennings Mill</b> SR 133 to Bethel-Concord Road 1.912 miles \$130,872	<b>Franklin Road (FDR)</b> SR 133 to Wagner Road 1.451 miles \$91,625	<b>Fruit Ridge Road</b> SR 756 to SR 743 3.86 miles \$277,024	<b>Laurel-Lindale Road</b> Lindale-Nicholsville to Bethel-New Richmond 1.985 miles \$239,863
<b>Laurel-Lindale &amp; Liberty</b> Bethel-New Richmond to SR 232 3.298 miles \$359,921	<b>Laurel-Pt. Isabel</b> SR 222 to SR 232 3.99 miles \$465,449	<b>Lenroot Road</b> SR 774 to SR 756 2.68 miles \$284,110	<b>Lindale-Mt. Holly (FDR)</b> SR 125 to Lindale-Nicholsville Road 3.734 miles \$244,784	<b>Marathon-Edenton</b> SR 131 to SR 133 4.414 miles \$526,025
<b>Monterey Road</b> US 50 to Newtonsville-Hutchinson 1.438 miles \$214,916	<b>Mt. Holly Road (FDR)</b> SR 125 to Chapel Road 1.423 miles \$68,213	<b>Mt. Pisgah Road (FDR)</b> SR 132 to SR 749 0.801 miles \$35,198	<b>Nordyke Road (FDR)</b> Ninemile-Tobasco to Hamilton County Line 0.52 miles \$31,816	<b>Old SR 74</b> College Drive to Armstrong Blvd 0.753 miles \$157,448
<b>Old US 52</b> Hamilton County Line to New Richmond Corp. Line 1.663 miles \$214,099	<b>Paxton Road</b> Loveland-Miamiville to SR 48 1.32 miles \$202,977	<b>Roundbottom Road</b> Hamilton County Line to US 50 4.016 miles \$582,019	<b>Shayler Road (FDR)</b> Gleneste-Withamsville to Old SR 74 2.666 miles \$41,965	<b>Shinkles Ridge Road</b> Felicity Cedron to Brown County Line 0.271 miles \$121,297
<b>Taylor Road</b> Amelia-Olive Branch to Clough Pike 1.172 miles \$164,286	<b>Tollgate Road</b> Old SR 32 to SR 276 0.834 miles \$80,321	<b>Twelvemile Road (FDR)</b> Laurel-Lindale Road to SR 132 3.804 miles \$157,931	<b>Wolfpen-Pleasant Hill</b> US 50 to SR 131 1.76 miles \$265,378	

### CCEO PROJECT EXPENDITURES:

CCEO/ARPA | RESURFACE 20 ROADS | 44.5 MILES | \$5,428,294\*

CCEO | REPAIRS 8 ROADS | 63,562 SQ. YD. | \$786,627

OTHER PUBLIC AGENCIES | RESURFACE/REPAIR | 12.1 MILES | \$1,675,168

(\*\$4,000,000 provided from County ARPA Funds)

## Culvert Program

In 2022, the Clermont County Engineer's Office completed maintenance and repairs of 79 culverts at a total cost of \$728,585

### Lenroot Road

Franklin Township  
4 Culverts Replaced

### Mt. Holly Road

Batavia Township  
3 Culverts Replaced

### Nordyke Road

Pierce Township  
3 Culverts Replaced

### Lindale-Mt. Holly

Monroe Township  
10 Culverts Replaced

### Mt. Olive-Pt. Isabel

Franklin Township  
1 Culvert Replaced

### Old SR 74

Union Township  
2 Culverts Replaced

### Belfast Road

Stonelick Township  
2 Culverts Replaced

### Fruit Ridge Road

Washington Township  
1 Culvert Replaced

### Love Road

Franklin Township  
7 Culverts Replaced

### Mt. Pisgah Road

Ohio Township  
2 Culverts Replaced

### Paxton Road

Miami Township  
7 Culverts Replaced

### Franklin Road

Franklin Township  
4 Culverts Replaced

### Laurel-Lindale Road

Monroe Township  
14 Culverts Replaced

### Monterey Road

Jackson Township  
4 Culverts Replaced

### Ninemile-Tobasco

Pierce Township  
1 Culvert Replaced

### Roundbottom Road

Union Township  
14 Culverts Replaced

## Bridge & Large Culvert Program

In 2022, the Clermont County Engineer's Office completed maintenance and repairs of 9 structures at a total cost of \$689,633.

### Beechwood Road

CC8-9  
Project cost:  
\$28,867

### Felicity Cedron Rural Road

CC45-34  
Project cost:  
\$70,003

### Gleneste-Withamsville Road

CC55-14  
Project cost:  
\$58,825

### Marathon-Edenton Road

CC82-24  
Project cost:  
\$96,741

### Maple Creek Road

T21-0.28  
Project cost:  
\$138,905

### Monterey Road

C85-0.15  
Project cost:  
\$75,230

### Old SR 74

CC171-5  
Project cost:  
\$78,566

### Pond Run Road

T767-0.68  
Project cost:  
\$122,153

### Smith Landing

T1-1.11  
Project cost:  
\$20,343

# Revenue Sources



**\$8.61 Million**  
Vehicle License Fees



**\$3.70 Million**  
Fuel Tax



**\$0.31 Million**  
Miscellaneous Sources  
(e.g., inspection fees, sale  
of equipment, etc.)



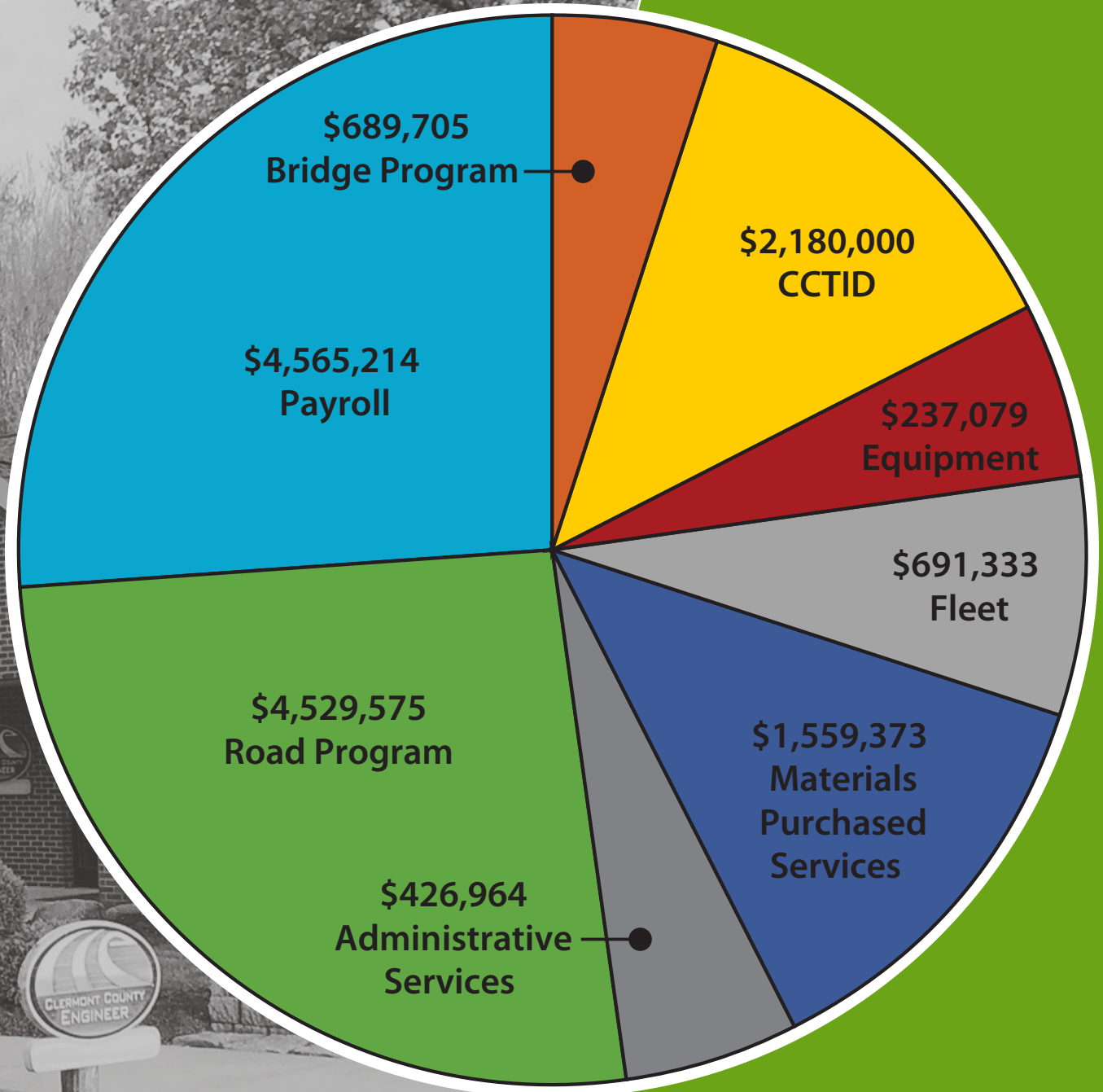
**\$1.75 Million**  
Project  
Reimbursements

*Did you know?*

The Clermont County Engineer's Office does not receive any revenue from income, property or sales taxes.

**TOTAL REVENUE:**  
**\$14,365,810**

# 2022 Expenses



**TOTAL EXPENSES:**

**\$14,879,244\***

\* CALENDAR YEAR EXPENDITURES

# 2023 Proposed Capital Improvements

## Road Program

This year's road program will address approximately 31.23 roadway miles in Clermont County. This annual program is expected to total nearly \$4.1 million and pave the way for safer travel on 22 county roads.



### PROJECT TOTALS:

17 Roads | 31.23 Miles Resurfaced  
 5 Roads | 98,497 Sq. Yds. Repaired  
 Est. Cost | \$4,085,922\*  
 \*(\$2,000,000 ARPA Funds)

### In 2023, the following streets will be resurfaced:

- |   |  |
|---|--|
| <b>Belfast Road</b><br>SR 131 to Cedarville Road<br>1.147 Miles                 | <b>Locust Corner Road</b><br>Ninemile-Tobasco to Merwin-Tenmile<br>3.373 Miles     |
| <b>Bethel-Hygiene Road</b><br>SR 133 to SR 222<br>3.706 Miles                   | <b>Love Road</b><br>Franklin Road to Felicity Cedron Rural<br>0.85 Miles           |
| <b>Blue Sky Park Road</b><br>SR 133 to Brown County Line<br>2.838 Miles         | <b>Merwin-Tenmile Road</b><br>SR 125 to Locust Corner Road<br>1.827 Miles          |
| <b>Burdsall Road</b><br>North of Blue Sky Park<br>0.174 Miles                   | <b>Mt. Holly Road</b><br>SR 125 to Chapel Road<br>1.423 Miles                      |
| <b>Franklin Road</b><br>SR 133 to Wagner Road<br>1.451 Miles                    | <b>Mt. Pisgah Road</b><br>SR 132 to SR 749<br>0.801 Miles                          |
| <b>Hospital Drive</b><br>Bauer Road to Herold Road<br>0.751 Miles               | <b>Nordyke Road</b><br>Ninemile-Tobasco Road to Hamilton County Line<br>0.52 Miles |
| <b>Laurel-Moscow Road</b><br>US 52 to SR 756<br>1.639 Miles                     | <b>Shayler Road</b><br>Gleneste-Withamsville to Old SR 74<br>2.666 Miles           |
| <b>Laycock Cutoff Road</b><br>SR 222 to Laurel-Nicholsville Road<br>0.528 Miles | <b>Twelvemile Road</b><br>Laurel-Lindale Road to SR 132<br>3.804 Miles             |
| <b>Lindale-Mt. Holly</b><br>SR 125 to Lindale-Nicholsville Road<br>3.734 Miles  |  |

### In 2023, repair work will take place on the following roads:

- |  |   |  |
|--|---|--|
| <b>Clover Road (Reclamite)</b><br>SR 133 to Dead End | <b>Laurel-Lindale Road (Reclamite)</b><br>Lindale-Nicholsville to Bethel-New Richmond | <b>Marathon-Edenton Road (FDR Only)</b><br>US 50 to SR 131 |
| <b>Fay Road (FDR Only)</b><br>SR 48 to Gaynor Road   | <b>Laurel-Pt. Isabel Road (Reclamite)</b><br>SR 222 to SR 232                         |  |





## Landslide Program

In 2023, the Engineer's Office anticipates spending \$2.07 million to address ten landslides in six different townships, funded largely by OPWC.



In 2023, the following landslides will be repaired:

- Binning Road**  
Union Township  
Project estimate: \$308,816
- Felicity Cedron Rural Road**  
Franklin Township  
Project estimate: \$185,215
- Maple Creek Road**  
Washington Township  
Project estimate: \$133,900
- Nevile Penn Schoolhouse Road**  
Washington Township  
Project estimate: \$173,903
- Old SR 28 - Slide #1**  
Goshen Township  
Project estimate: \$203,850
- Old SR 28 - Slide #2**  
Goshen Township  
Project estimate: \$254,290
- Olive Branch-Stonelick Road**  
Stonelick Township  
Project estimate: \$199,543
- Redbird Road**  
Miami Township  
Project estimate: \$318,843
- Sugarcamp Road**  
Miami Township  
Project estimate: \$197,770
- Wolfpen-Pleasant Hill Road**  
Miami Township  
Project estimate: \$90,450

## Bridge Program

In 2023, the Engineer's Office will be addressing 13 bridges in eight townships/ municipality, ultimately investing approximately \$6.23 million in the repair of these aging structures.

- |  |   |
|--|---|
| <b>Cedarville Road</b><br>C26-4.78<br>Wayne Township<br>Project Est.: \$436,037      | <b>Nordyke Road</b><br>C96-0.38<br>Pierce Township<br>Project Est.: \$339,611               |
| <b>Cook Road</b><br>C35-0.91<br>Miami Township<br>Project Est.: \$475,000            | <b>*O'Bannonville Road</b><br>C98-1.88 & 1.92<br>Goshen Township<br>Project Est.: \$375,980 |
| <b>*East Loveland Road</b><br>M1-0.18<br>City of Laveland<br>Project Est.: \$725,000 | <b>*O'Bannonville Road</b><br>C98-0.66<br>Goshen Township<br>Project Est.: \$600,000        |
| <b>Goshen Road</b><br>C57-4.97<br>Goshen Township<br>Project Est.: \$737,512         | <b>*Old SR 74</b><br>C171-2.31<br>Union Township<br>Project Est.: \$700,000                 |
| <b>Ireton Trees Road</b><br>T39-1.20<br>Monroe Township<br>Project Est.: \$275,000   | <b>*Pond Run Road</b><br>T767-2.86<br>Pierce Township<br>Project Est.: \$812,000            |
| <b>Moore Road</b><br>T54-1.16<br>Tate Township<br>Project Est.: \$220,000            | <b>Shayler Road</b><br>C107-1.98<br>Union Township<br>Project Est.: \$530,000               |

\*TID Project

**PROJECT TOTALS:**

**13 Bridges | 8 Townships/City**  
**\$6,226,140**

# Partnerships

The Clermont County Transportation Improvement District (CCTID) works across geographic and political lines to improve the quality of life in Clermont County by stimulating economic development through transportation improvements.

## In 2022...

- \$10.8 million in revenues from partners (ODOT, OPWC, Clermont County Commissioners, Clermont County Engineer, Union Township, Miami Township, Bryan Equipment)
- \$6.3 million expended on 14 Projects located across 3 townships, 2 cities and 1 village.
- Completed projects

	<u>Total Cost:</u>
Walnut Street Reconstruction	\$ 72,712
Round Bottom Road at Barg Salt Run Road	\$ 1,105,228

## Members of the CCTID

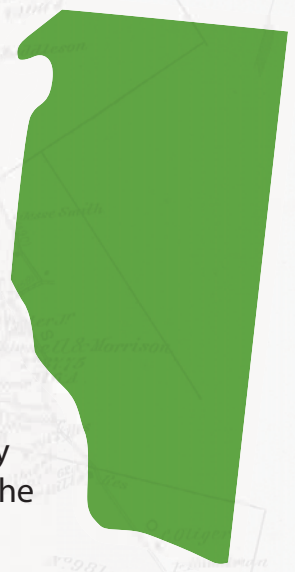
- ▶ **Jeff Wright**  
Mr. Wright is Chair of the CCTID and the Miami Township Administrator.
- ▶ **Lyle Bloom**  
Mr. Bloom is Vice Chair of the CCTID and Director of Utilities, Clermont County Water Resource Department
- ▶ **Jeremy Evans**  
Mr. Evans is Secretary-Treasurer of the CCTID and the Clermont County Engineer
- ▶ **Jeff Lykins**  
Mr. Lykins is a CCTID board member and President / CEO of Lykins Energy Solutions
- ▶ **Matt Taylor**  
CCTID board member and Union Township Service Director
- ▶ **Honorable Adam Bird**  
Mr. Bird represents the 66th House District of Ohio, and is a non-voting member of the CCTID

# MIAMI

Scale 2 1/2 Rods to an Inch

# Tax Map

It is the responsibility of the Tax Map Department to maintain all of the County parcel maps providing the County Auditor with an accurate tax base for each parcel. This includes checking new property splits, adjusting property lines and acreages as reflected from new survey plats and keeping the maps updated according to daily changes. Tax Map personnel also check each deed being recorded to make sure the legal descriptions being used are accurate and adequate. The Tax Map operation is the only division of the County Engineer's responsibility that is funded by the County's General Fund.



## In 2022...

- 7,821 Documents Processed
- 3,729 Parcels Edited
- 495 Recorded Plats

### Perrinville Business Directory.

(MIAMI TOWNSHIP.)

W. S. Rybolt, Plasterer. Residence, Perrinville.  
 J. B. Cline, Physician and Surgeon. Residence, Perrinville.  
 M. R. Rybolt, Plasterer, and Dealer in Dry Goods, Groceries, Hats, Caps, Boots, Shoes, and General Merchandise, Perrinville.

### Branch Hill Business Directory.

(MIAMI TOWNSHIP.)

Thomas Powell, Attorney-at-Law. Office, cor. Main and Court Streets, Cincinnati, Ohio. Residence, Branch Hill.  
 G. M. D. Bloss, Editor of "Cincinnati Enquirer." Office, No. 241 Vine Street, Cincinnati. Residence, Branch Hill.



**Marathon-Edenton Road  
Culvert No. CC82-24  
Jackson Township**

# CONTACT US!

**Administrative Office**  
2381 Clermont Center Drive  
Batavia, Ohio 45103  
513-732-8857  
513-732-8875 (fax)  
[www.clermontengineer.org](http://www.clermontengineer.org)

**Highway Department**  
513-732-8869



