

CLERMONT COUNTY ENGINEER'S OFFICE

ANNUAL REPORT

2021



Round Bottom Road
Bridge No. C106-4.18
Union Township



JEREMY P. EVANS, PE, PS



Happy Hollow Road
Bridge No. T86-0.99
Williamsburg Township

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Dear Commissioners,

The following 2021 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 2021 and provides a summary of anticipated projects for 2022.

Similar to the previous year, 2021 continued to present challenges related to the COVID-19 pandemic. As revenues began to stabilize and project schedules returned to normal we found ourselves impacted by the supply chain issues that have affected many industries nationwide. Regardless, we were able to adapt our schedule and find ways to remain productive utilizing products that could be obtained. Despite these challenges, our crews were still able to replace 4 bridges and 91 culverts in 2021 while also focusing attention on preventative maintenance activities and repairs of our other critical assets.

Fortunately not all work was negatively affected by supply chain issues. We completed a substantial resurfacing program in 2021 as work that had been paused in 2020 due to financial uncertainty was finally able to move forward in addition to much of the program previously scheduled 2021. At that time this was the largest single paving project for this office both in terms of mileage and dollars at more than 35 miles of resurfacing and a cost of \$3.45 million.

Amid rising costs due to inflation I continue to pursue grant funding to supplement our revenue whenever possible. Thanks in large part to grant funds from the Ohio Public Works Commission we were able to catch up in 2021 on several outstanding landslide projects, completing 8 separate repairs at a total cost of more than \$1 million.

Looking ahead, 2022 is shaping up to be another productive year. I want to thank this Board of County Commissioners for contributing \$4 million to our annual resurfacing program this year. As a result, we have recently awarded our largest resurfacing contract to date totaling \$6.2 million of paving work on county maintained roadways.

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
Permits Download (online)
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: 387.2

Average Condition Rating: 60*

*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; 56% 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



423

Number of Bridges

Of the **423** bridges maintained by the Clermont County Engineer's Office, 262 have a rating of good or better.

69

In the last 10 years, the county has replaced 69 bridges

50

A bridge has a 50-year functional life expectancy

178

Clermont County has 178 bridges built before 1972

35

Number of Load Restricted Bridges

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

Culvert Condition Report

2970

Culverts

102

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 1,501 total road miles in Clermont County. Of those:

- 292 are Federal or State Highways
- 387 County Roads
- 702 are Township Roads
- 120 are City/Village Streets

Capital Improvement Projects



Road Projects
\$4,563,737



Bridge Projects
\$619,875



New Equipment Purchases
\$780,328

TOTAL INVESTMENT:
\$5,963,940

**CAPITAL IMPROVEMENT
GRANTS: \$848,945**

In 2021, the Clermont County Engineer's Office was able to secure funding for approximately 14% of its capital improvement program from outside sources.

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: 57,978



Berming
5,932



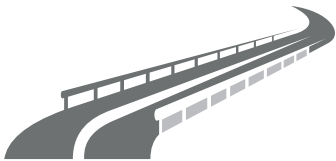
Bridge & culvert maintenance
16,114



County road maintenance
8,115



Ditching
2,681



Guardrail
3,469



Mowing
6,828



Potholes
4,806



Signs & pavement markings
4,881



Snow & ice removal
5,152



Did you know?

In 2021, there were 12 snow events that required the use of 4,343 tons of salt.

2021 Construction

In 2021, the Clermont County Engineer's Office managed a comprehensive resurfacing program, addressing 35.1 roadway miles on 15 different county roads. Including full depth repairs to 7 county roads.

Resurfacing Program

Bethel Concord Road <i>Twin Bridges to Dead End</i> 1.428 miles	Bethel Concord Road <i>SR 133 to Dead End</i> 1.598 miles	Burdsall Road <i>Jackson Pike to County Line</i> 2.797 miles	Chilo Spur <i>US 52 to Corporation Limit</i> 0.184 miles	Clermontville Spur <i>Clermontville-Laurel to Dead End</i> 0.141 miles
Crane Schoolhouse Rd <i>SR 222 to SR 125</i> 3.304 miles	Eastgate Square <i>Aicholtz Rd to Eastgate South</i> 0.442 miles	Garrison Spurling Rd <i>SR 727 to County Line</i> 3.98 miles	Goodwin Schoolhouse <i>SR 133 to Mt. Olive-Pt. Isabel</i> 2.886 miles	Old SR 28 <i>Goshen Road to SR 28</i> 0.955 miles
Olive Branch Stonelick <i>Old SR 74 to SR 222</i> 3.66 miles	Sharps Cutoff Rd <i>SR 276 to Jackson Pike</i> 4.016 miles	Shiloh Road <i>Woodville Pike to SR 28</i> 2.024 miles	Summerside Road <i>Old SR 74 to Beechwood Road</i> 1.685 miles	Swings Corner-Pt. Isabel <i>Mt. Olive-Pt. Isabel to Crane Schoolhouse</i> 6.015 miles



Olive Branch-Stonelick Road
Batavia Township

CCEO PROJECT EXPENDITURES:

RESURFACE 15 ROADS | 35.1 MILES | \$2,850,586
 REPAIRS 7 ROADS | 31,521 SQ. YD. | \$600,788

Landslide Program

In 2021, the Clermont County Engineer's Office addressed eight landslides at a total cost of \$1,037,313 of which OPWC covered \$744,853.



Fruit Ridge Road #1

Washington Township

Project cost:
\$145,967.30

Fruit Ridge Road #2

Washington Township

Project cost:
\$108,812.60

Twelvemile Road #1

Ohio Township

Project cost:
\$133,132.17

Twelvemile Road #2

Monroe Township

Project cost:
\$170,068.60

Bartlow Road

Franklin Township

Project cost:
\$82,236.60

McKeever Road

Williamsburg Township

Project cost:
\$87,685.05

Gaynor Road

Goshen Township

Project cost:
\$214,950.00

Felicity Cedron

Franklin Township

Project cost:
\$94,460.60

Bridge Program

In 2021, the Clermont County Engineer's Office completed maintenance and repairs of 8 bridges at a total cost of \$4,117,962.

Happy Hollow Road

T86-0.99

Project cost:
\$144,704.26

Marathon-Edenton Road

CC82-20

Project cost:
\$86,065.79

Shinkles Ridge

C109-0.01

Project cost:
\$139,369.71

Goshen Road (Repair)

C57-4.97

Project cost:
\$21,509.32

*Round Bottom Road

C106-4.18

Project cost:
\$3,554,398.65

Newtonsville-Hutchinson (Repair)

C93-2.08

Project cost:
\$11,450.44

Stagge Road

T244-0.03

Project cost:
\$131,206.51

Herold Road (Repair)

C60-1.45

Project cost:
\$29,257.53

*TID Project

Culvert Program

In 2021, the Clermont County Engineer's Office completed maintenance and repairs of 91 culverts at a total cost of \$762,913.

Revenue Sources



\$8.81 Million
Vehicle License Fees



\$3.74 Million
Fuel Tax



\$0.35 Million
Miscellaneous Sources
(e.g., inspection fees, sale of equipment, etc.)



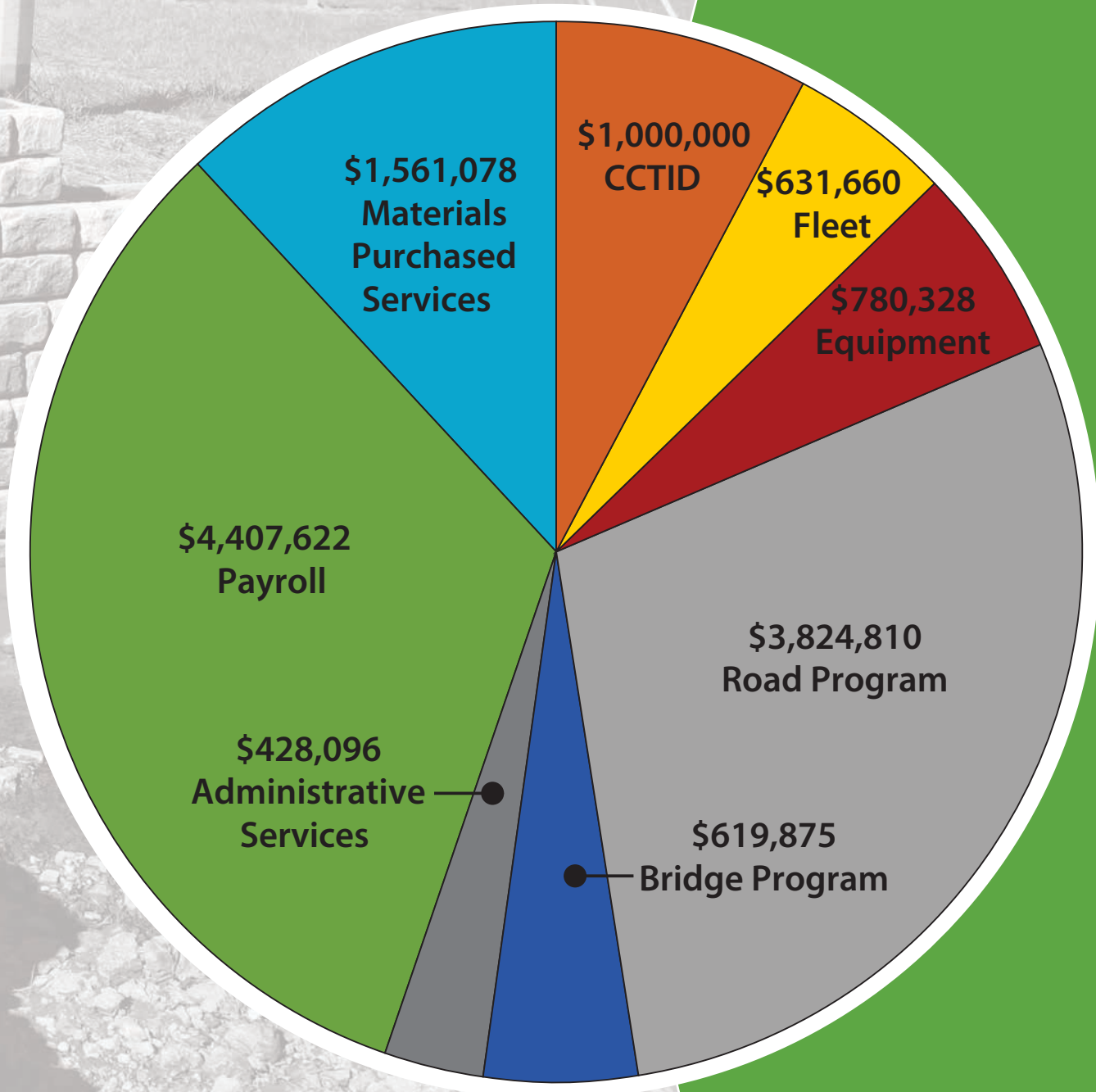
\$1.25 Million
Project Reimbursements

Did you know?

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

TOTAL REVENUE:
\$14,150,583

2021 Expenses



TOTAL EXPENSES:

\$13,253,469

2022 Proposed Capital Improvements

Road Program

This year's road program will address approximately 61.7 roadway miles in Clermont County. This annual program is expected to total nearly \$6.2 million and pave the way for safer travel on 28 county roads.



PROJECT TOTALS:

20 Roads | 44.5 Miles Resurfaced
 8 Roads | 17.2 Miles Repaired
 Est. Cost | \$6,198,304

In 2022, the following streets will be resurfaced:

Benton Road 1.413 Miles Project Est.: \$154,353	Marathon-Edenton 4.414 Miles Project Est.: \$641,984
Brushy Fork Road 2.821 Miles Project Est.: \$200,462	Monterey Road 1.438 Miles Project Est.: \$213,476
Clough Pike 1.524 Miles Project Est.: \$288,012	Old SR 74 0.753 Miles Project Est.: \$141,594
Clover Road 3.011 Miles Project Est.: \$523,392	Old US 52 1.663 Miles Project Est.: \$190,212
Concord-Hennings Mill 1.912 Miles Project Est.: \$109,666	Paxton Road 1.32 Miles Project Est.: \$192,174
Fruit Ridge Road 3.86 Miles Project Est.: \$231,983	Round Bottom Road 4.016 Miles Project Est.: \$484,488
Laurel-Lindale Road 1.985 Miles Project Est.: \$225,488	Shinkles Ridge Road 0.271 Miles Project Est.: \$61,940
Laurel-Lindale Road & Liberty Street 3.298 Miles Project Est.: \$317,348	Taylor Road 1.172 Miles Project Est.: \$128,260
Laurel-Pt. Isabel Road 3.99 Miles Project Est.: \$462,495	Tollgate Road 0.834 Miles Project Est.: \$62,240
Lenroot Road 2.68 Miles Project Est.: \$339,227	Wolfpen-Pleasant Hill 1.76 Miles Project Est.: \$233,356

In 2022, repair work will take place on the following roads:

Blue Sky Park 2.838 Miles Project Est.: \$134,860	Lindale-Mt. Holly Road 3.734 Miles Project Est.: \$249,935	Nordyke Road 0.52 Miles Project Est.: \$33,145
Buckwheat Road 0.317 Miles Project Est.: \$21,050	Mt. Holly Road 1.423 Miles Project Est.: \$72,435	Shayler Road 2.666 Miles Project Est.: \$29,570
Franklin Road 1.451 Miles Project Est.: \$106,160	Mt. Pisgah Road 0.801 Miles Project Est.: \$33,660	Twelvemile Road 3.804 Miles Project Est.: \$164,585



Bridge Program

In 2022, the Engineer's Office will be addressing 20 bridges in eleven townships/ municipality, ultimately investing approximately \$4.7 million in the repair of these aging structures.

Landslide Program

In 2022, the Engineer's Office anticipates spending \$0.5 million to address three landslides in two different townships, funded largely by OPWC.



In 2022, the following landslides will be repaired:

Wolfpen-Pleasant Hill Road

Miami Township

Project estimate: \$90,450

Old SR 28 Slide #1

Goshen Township

Project estimate: \$203,850

Old SR 28 Slide #2

Goshen Township

Project estimate: \$254,290



Price Road
Miami Township

Beechwood Road
CC8-9
Union Township
Project Est.: \$28,867

Cedarville Road
C26-4.78
Wayne Township
Project Est.: \$350,000

Cook Road
C35-0.91
Miami Township
Project Est.: \$325,000

***East Loveland Road**
M1-0.18
Loveland
Project Est.: \$517,820

Felicity Cedron
CC45-34
Franklin Township
Project Est.: \$119,970

Gleneste-Withamsville
CC55-14
Union Township
Project Est.: \$58,825

Goshen Road
C57-4.97
Goshen Township
Project Est.: \$472,686

Marathon-Edenton Rd
CC82-24
Wayne Township
Project Est.: \$135,900

Maple Creek
T21-1.28
Washington Township
Project Est.: \$143,750

Monterey Road
C85-0.15
Jackson Township
Project Est.: \$117,622

Newtonsville-Hutchinson
C93-2.08
Stonelick Township
Project Est.: \$220,000

Nordyke Road
C96-0.38
Pierce Township
Project Est.: \$200,000

Price Road
C76-0.28
Miami Township
Project Est.: \$205,615

Price Road
C76-0.40
Miami Township
Project Est.: \$217,695

O'Bannonville Road
C98-1.88
Goshen Township
Project Est.: \$125,000

O'Bannonville Road
C98-1.92
Goshen Township
Project Est.: \$275,000

Old SR 74
CC171-5
Batavia Township
Project Est.: \$125,600

***Old SR 74**
C171-2.31
Union Township
Project Est.: \$553,000

Pond Run Road (Deck Replacement)
T767-0.68
Pierce Township
Project Est.: \$133,750

Shayler Road
C107-1.98
Union Township
Project Est.: \$375,000

*TID Project

PROJECT TOTALS:

20 Bridges | 11 Townships/City
\$4,701,100

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 2021...

- \$13.6 M in revenues from partners (ODOT, OPWC, Clermont County Commissioners, Clermont County Engineer, Union Township & Miami Township & City of Milford)
- \$13.2 M expended on 13 Projects located across 5 townships and 2 cities.
- Completed projects

	Total Cost:
Old SR 74	\$ 15,842,019
Round Bottom Road Bridge Replacement	\$ 3,554,399
Round Bottom Road Improvements @CCET	\$ 200,025

Members of the CCTID

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

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 2021...

- 9,505 Documents Processed
- 3,103 Parcels Edited

The town of Batavia situate on the East Fork of the Little Miami in the Township of Williamsburgh, County of Clermont and State of Ohio containing six lots, streets and an alley, sixty two acres and one half more. The Proprietor Joviet Daniel C. Bryan and George Elby by his attorney in fact John Collins do hereby set forth and describe the following as public ground within said town for streets, alleys other public uses that is to say one street running through said town 4 pole in breadth 7 one hundred pole in length called Main Street a



Marathon-Edenton Road
Culvert No. CC82-20
Jackson Township

CONTACT US!

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