

CLERMONT COUNTY ENGINEER'S OFFICE

ANNUAL REPORT

2020



JEREMY P. EVANS, PE, PS



Loveland-Miamiville Road
Bridge No. C75-4.12
Miami Township

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Dear Commissioners,

The following 2020 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 2020 and provides a summary of anticipated projects for 2021.

At this time last year we were facing several unknowns related to the emerging COVID-19 pandemic. As an office funded almost fully by fuel tax and vehicle license fees it was certain that the changes to travel, work, and school routines would impact our budget, but for how long and to what degree? At the same time we were adapting our own work routines in an effort to remain as healthy and productive as possible.

We had planned to spend more than \$4 million on road resurfacing in 2020, roughly double our typical annual spending in this area, but decided to put a significant portion of that work on hold due to these uncertainties. Fortunately, a previously awarded grant in the amount of \$2 million allowed some resurfacing to proceed and while not as substantial as originally planned, this allowed us to keep pace with our typical annual paving schedule.

We made several changes to our daily routines in 2020 but never shut down or stopped working. By the end of the year we had lost more than 3,000 work hours in the highway department due to COVID related absences due to illness, quarantine, and child care. Despite this lost time, 2020 was by several measures one of the most productive years that we have ever seen related to road and bridge maintenance. I am extremely proud of the way my staff stepped up to cover for missing co-workers, remained flexible to adapt to changing circumstances, and kept the maintenance of our Clermont County roads and bridges as a top priority.

2020 ended with revenues down approximately \$500,000 from expected numbers. The conservative approach at the beginning of the pandemic has left some revenue available to carry forward into 2021 and as a result, much of the road resurfacing work that was put on hold in 2020 has been included in the 2021 paving program. Bridge repair and maintenance also continues to be a top priority and we are fortunate to have been awarded \$1.9 million in grant funds from OPWC to aid in the replacement of 7 bridges, in addition to the 5 bridges that are scheduled to be replaced by county crews.

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

Capital Improvement Contracts
Contractor Payments
Driveway Permit Review
Pay Items
Permits Download (online)
Right-of-way Acquisition
Special Hauling Permit
Utility Permits
Utility Relocation Coordination
Utility Permits

Engineering & Design

Bridge Design
Bridge Inspection
Bridge Replacement/Rehab
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
Subdivision Street Inspection
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: 385.8

Average Condition Rating: 57*

*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; 61% 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



421

Number of Bridges

Of the **421** bridges maintained by the Clermont County Engineer's Office, 262 have a rating of good or better.

66

In the last 10 years, the county has replaced 66 bridges

50

A bridge has a 50-year functional life expectancy

173

Clermont County has 173 bridges built before 1970

36

Number of Load Restricted Bridges

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

Culvert Condition Report

2889

Culverts

125

Number of Critical Pipes
(Rated at 3 or less)

7.5

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 1,502 total road miles in Clermont County. Of those:

- 318 are Federal or State Highways
- 386 County Roads
- 681 are Township Roads
- 117 are City/Village Streets

Capital Improvement Projects



Road Projects
\$2,998,356



Bridge Projects
\$1,446,316



New Equipment Purchases
\$469,361

TOTAL INVESTMENT:
\$4,914,033

**CAPITAL IMPROVEMENT
GRANTS: \$2,081,313**

In 2020, the Clermont County Engineer’s Office was able to secure funding for approximately 42% 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: 52,540



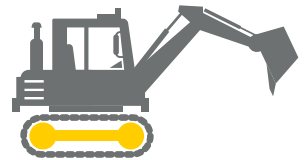
Berming
3,334



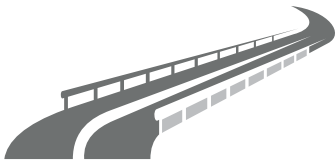
Bridge & culvert maintenance
15,384



County road maintenance
6,890



Ditching
4,532



Guardrail
4,066



Mowing
6,297



Potholes
6,486



Signs & pavement markings
5,304



Snow & ice removal
247



Did you know?

In 2020, there were 5 snow events that required the use of 1,091 tons of salt.

2020 Construction

In 2020, the Clermont County Engineer's Office managed a comprehensive resurfacing program, addressing 17.6 roadway miles on 6 different county roads.

Resurfacing Program

Beechwood Road

*SR 32 to
Round Bottom Road
3.736 miles*

Branch Hill-Guinea Rd

*Glen Echo to Branch Hill-
Miamiville Road
3.436 Miles*

Clough Pike

*Batavia Village Line to
Amelia-Olive Branch
2.71 Miles*

Lindale-Nicholsville Rd

*SR 132 to SR 222
3.38 Miles*

Loveland-Miamiville

*Wards Corner Road to
Wards Corner Road
3.24 Miles*

Merwin-Tenmile Rd

*Cole Road to
Locust Corner Road
1.086 Miles*



CCEO PROJECT EXPENDITURES:

6 ROADS | 17.6 MILES | \$2,571,637

Landslide Program

In 2020, the Clermont County Engineer's Office addressed four landslides at a total cost of \$498,935.



Bethel-New Richmond Road
Monroe Township
Project cost:
\$57,237

***Neville-Penn Schoolhouse**
Washington Township
Project cost:
\$110,172

***Price Road**
Miami Township
Project cost:
\$189,090

***Stonelick-Williams Corner**
Stonelick Township
Project cost:
\$142,437

Bridge Program

In 2020, the Clermont County Engineer's Office completed maintenance and repairs of 8 bridges at a total cost of \$1,380,924.

<p>Gibbs Road <i>T195-1.11</i> Project Cost: \$128,330</p>	<p>Lindale-Mt. Holly <i>CC71-9</i> Project Cost: \$81,963</p>	<p>*Price Road <i>C76-2.08</i> Project Cost: \$450,002</p>	<p>Loveland-Miamiville <i>C75-1.75</i> Project Cost: \$161,775</p>
<p>Loveland-Miamiville <i>C75-4.12</i> Project Cost: \$197,739</p>	<p>Lucas Road <i>C74-1.54</i> Project Cost: \$152,199</p>	<p>Lucy Run Cemetery <i>T923-0.10</i> Project Cost: \$78,970</p>	<p>Monterey Road <i>C85-1.27</i> Project Cost: \$129,946</p>

***TID Project**

Culvert Program

In 2020, the Clermont County Engineer's Office completed maintenance and repairs of 55 culverts at a total cost of \$389,418.

Revenue Sources



\$8.08 Million
Vehicle License Fees



\$3.61 Million
Fuel Tax



\$0.69 Million
Miscellaneous Sources
(e.g., inspection fees, sale
of equipment, etc.)



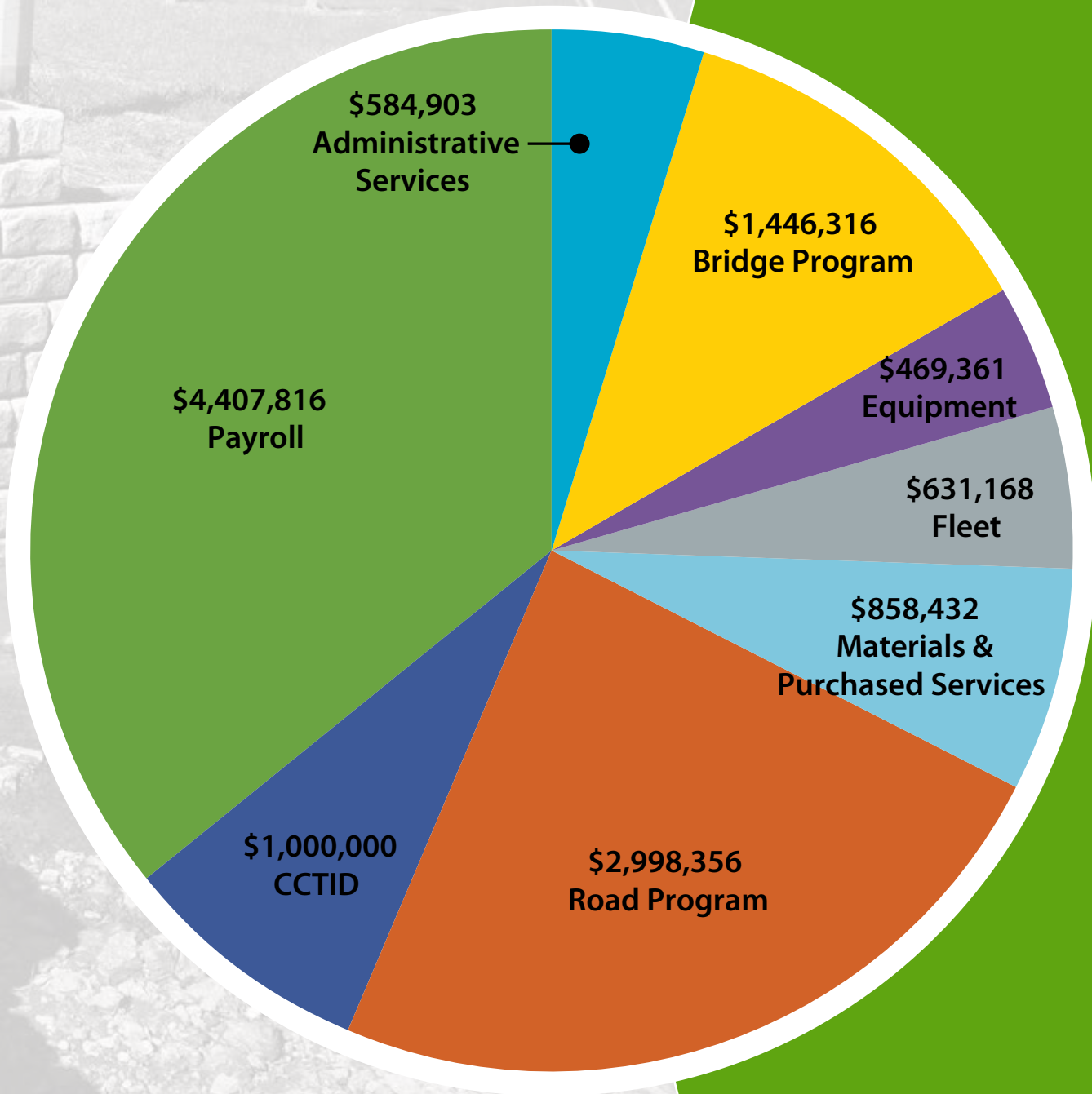
\$2.02 Million
Project
Reimbursements

Did you know?

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

TOTAL REVENUE:
\$14,395,919

2020 Expenses



TOTAL EXPENSES:

\$12,396,351

2021 Proposed Capital Improvements

Road Program

This year's road program will address approximately 46.7 roadway miles in Clermont County. This annual program is expected to total nearly \$3.1 million and pave the way for safer travel on 20 county roads.



PROJECT TOTALS:
20 Roads | 46.7 Miles
\$3,102,359

In 2021, the following streets will be resurfaced:

- | | |
|--|---|
| <p>Bethel-Concord Road (North of Lake)
 <i>Twin Bridges Road to Dead End</i>
 Project cost: \$72,171</p> | <p>Goodwin Schoolhouse-Pt. Isabel Road
 <i>SR 133 to Mt. Olive-Pt. Isabel Road</i>
 Project cost: \$134,353</p> |
| <p>Bethel-Concord Road (South of Lake)
 <i>SR 133 to Dead End</i>
 Project cost: \$88,364</p> | <p>Old SR 28
 <i>Goshen Road to SR 28</i>
 Project cost: \$108,445</p> |
| <p>Burdsall Road
 <i>Jackson Pike to Brown County Line</i>
 Project cost: \$143,266</p> | <p>Olive Branch-Stonelick Road
 <i>Old SR 74 to SR 222</i>
 Project cost: \$446,081</p> |
| <p>Chilo Spur
 <i>US 52 to Chilo Corp. Line</i>
 Project cost: \$16,655</p> | <p>Sharp's Cutoff Road
 <i>SR 276 to Jackson Pike</i>
 Project cost: \$250,872</p> |
| <p>Clermontville Spur
 <i>Clermontville-Laurel to Dead End</i>
 Project cost: \$21,119</p> | <p>Shiloh Road
 <i>Woodville Pike to SR 28</i>
 Project cost: \$164,535</p> |
| <p>Crane Schoolhouse Rd
 <i>SR 222 to SR 125</i>
 Project cost: \$303,091</p> | <p>Summerside Road
 <i>Old SR 74 to Beechwood Road</i>
 Project cost: \$155,129</p> |
| <p>Eastgate Square Drive
 <i>Aicholtz Road to Eastgate South Drive</i>
 Project cost: \$92,826</p> | <p>Swings Corner-Pt. Isabel Road
 <i>Mt. Olive-Pt. Isabel Road to Crane Schoolhouse Rd</i>
 Project cost: \$461,545</p> |
| <p>Garrison Spurling
 <i>SR 727 to Warren County</i>
 Project cost: \$189,493</p> | |

In 2021, repair work will take place on the following roads:

- | | | |
|--|--|--|
| <p>Benton Road
 <i>SR 132 to US 50</i>
 Project cost: \$27,155</p> | <p>Hopper Hill Road
 <i>Nordyke Road to SR 125</i>
 Project cost: \$35,376</p> | <p>Old SR 74
 <i>College Drive to Amelia-Olive Branch Road</i>
 Project cost: \$16,548</p> |
| <p>Brushy Fork Road
 <i>US 50 to Newtonsville-Hutchinson Road</i>
 Project cost: \$123,270</p> | <p>Marathon-Edenton Road
 <i>SR 131 to SR 133</i>
 Project cost: \$212,082</p> | <p>Wolfpen-Pleasant Hill Road
 <i>US 50 to SR 131</i>
 Project cost: \$39,984</p> |





Bridge Program

In 2021, the Engineer's Office will be addressing 16 bridges in eight townships/ municipality, ultimately investing approximately \$8.3 million in the repair of these aging structures.

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

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

Cedarville Road
C26-4.78
Goshen Township
Project Cost: \$350,000

Old SR 74
C171-2.31
Union Township
Project Cost: \$700,000

***East Loveland Road**
M1-0.19 (Design)
Loveland
Project Cost: \$536,774

***Pond Run Road**
T767-2.86
Pierce Township
Project Cost: \$986,052

Gleneste-Withamsville
CC55-14
Union Township
Project Cost: \$55,825

***Round Bottom Road**
C106-3.03
Union Township
Project Cost: \$997,531

Happy Hollow Road
T86-0.99
Williamsburg Township
Project Cost: \$139,982

***Round Bottom Road**
C106-4.18
Union/Miami Township
Project Cost: \$3,417,532

Marathon-Edenton Rd
CC82-20
Jackson Township
Project Cost: \$106,448

Shiloh Road
C157-2.35
Goshen Township
Project Cost: \$141,742

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

Shinkles Ridge Road
C109-0.01
Franklin Township
Project Cost: \$141,742

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

Stagge Road
T244-0.03
Goshen Township
Project Cost: \$115,290

***TID Project**

PROJECT TOTALS:

16 Bridges | 8 Townships/City
\$8,317,785

Landslide Program

In 2021, the Engineer's Office anticipates spending \$1.0 million to address eight landslides in six different townships, funded largely by OPWC.



In 2021, the following landslides will be repaired:

Bartlow Road
Franklin Township
Project cost: \$88,836

Felicity Cedron Rural Road
Franklin Township
Project cost: \$92,465

Fruit Ridge Road Slide #1
Washington Township
Project cost: \$136,607

Fruit Ridge Road Slide #2
Washington Township
Project cost: \$81,763

Gaynor Road
Goshen Township
Project cost: \$234,653

McKeever Pike
Williamsburg Township
Project cost: \$92,785

Twelvemile Road Slide #1
Ohio Township
Project cost: \$95,993

Twelvemile Road Slide #2
Monroe Township
Project cost: \$147,590

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 2020...

- \$11.4 M in revenues from partners (ODOT, OPWC, Clermont County Commissioners, Clermont County Engineer, Village of Amelia, Union Township & Miami Township)
- \$12.2 M expended on 8 Active Projects located across 4 townships and 1 city.
- Completed projects

	Total Cost:
Clepper Lane Extension	\$ 11,007,070
2020 Landslide Repairs	\$ 442,069
Price Road Bridge	\$ 450,000
ElickLane/Bach Buxton Phase I	\$ 624,099

Members of the CCTID

- ▶ **Jeff Wright**
Mr. Wright is Chair of the CCTID and the Miami Township Administrator.
- ▶ **Ken Geis**
Mr. Geis is Vice Chair of the CCTID and Union Township Administrator
- ▶ **Jeremy Evans**
Mr. Evans is Secretary-Treasurer of the CCTID and the Clermont County Engineer
- ▶ **Lyle Bloom**
Mr. Bloom is a CCTID board member and Director of Utilities, Clermont County Water Resource Department
- ▶ **Jeff Lykins**
Mr. Lykins is a CCTID board member and President / CEO of Lykins Energy Solutions
- ▶ **Honorable Adam Bird**
Mr. Bird represents the 66th House District of Ohio, and is a non-voting member of the CCTID
- ▶ **Honorable Terry Johnson**
Mr. Johnson represents the 14th Senate District of Ohio, and is a non-voting member of the CCTID

BATAVIA

Water Street

North 40 East 100 poles

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
21	40	59	78	97	113	132	154												
22	41	60	79	98	114	133	152												
23	42	61	80	99	115	134	153												

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 2020...

- 8,307 Deeds Reviewed
- 2997 New Parcels Created

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 an lots Streets and an alley sixty two acres and one half Acre. the Proprietor joint Daniel b. Bryan and George Elly by his attorney in fact John Collins do hereby set forth and describe the following as public ground within said town for streets, allies other public uses that is to say one street running through said town 4 pole in breadth Four hundred pole in length called Main Street and



**Lucas Road
Bridge No. C77-1.54
Wayne Township**

CONTACT US!

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