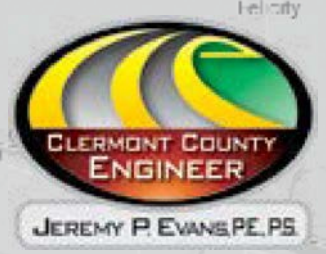
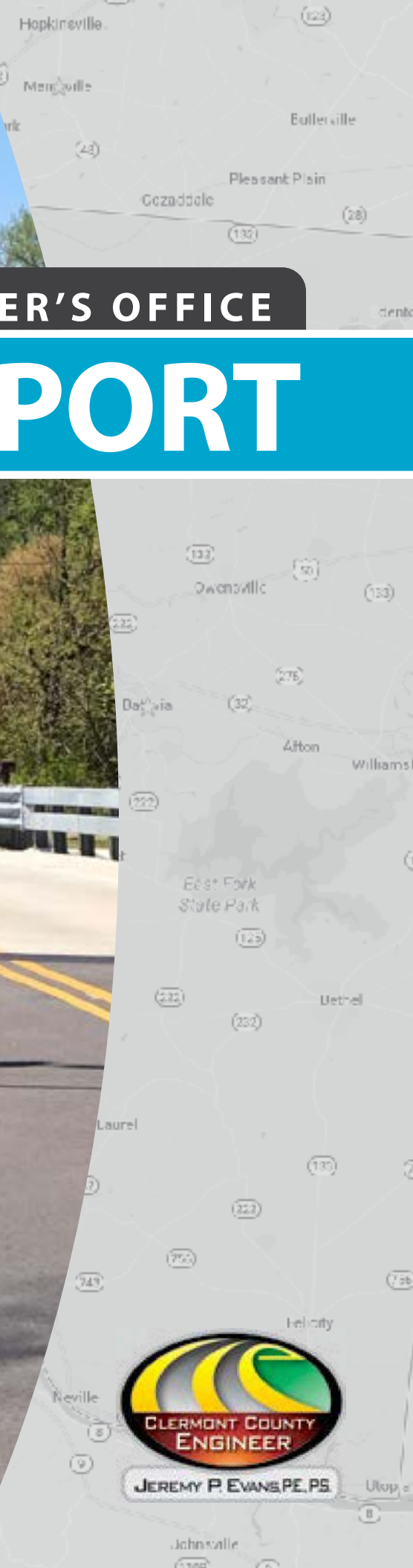
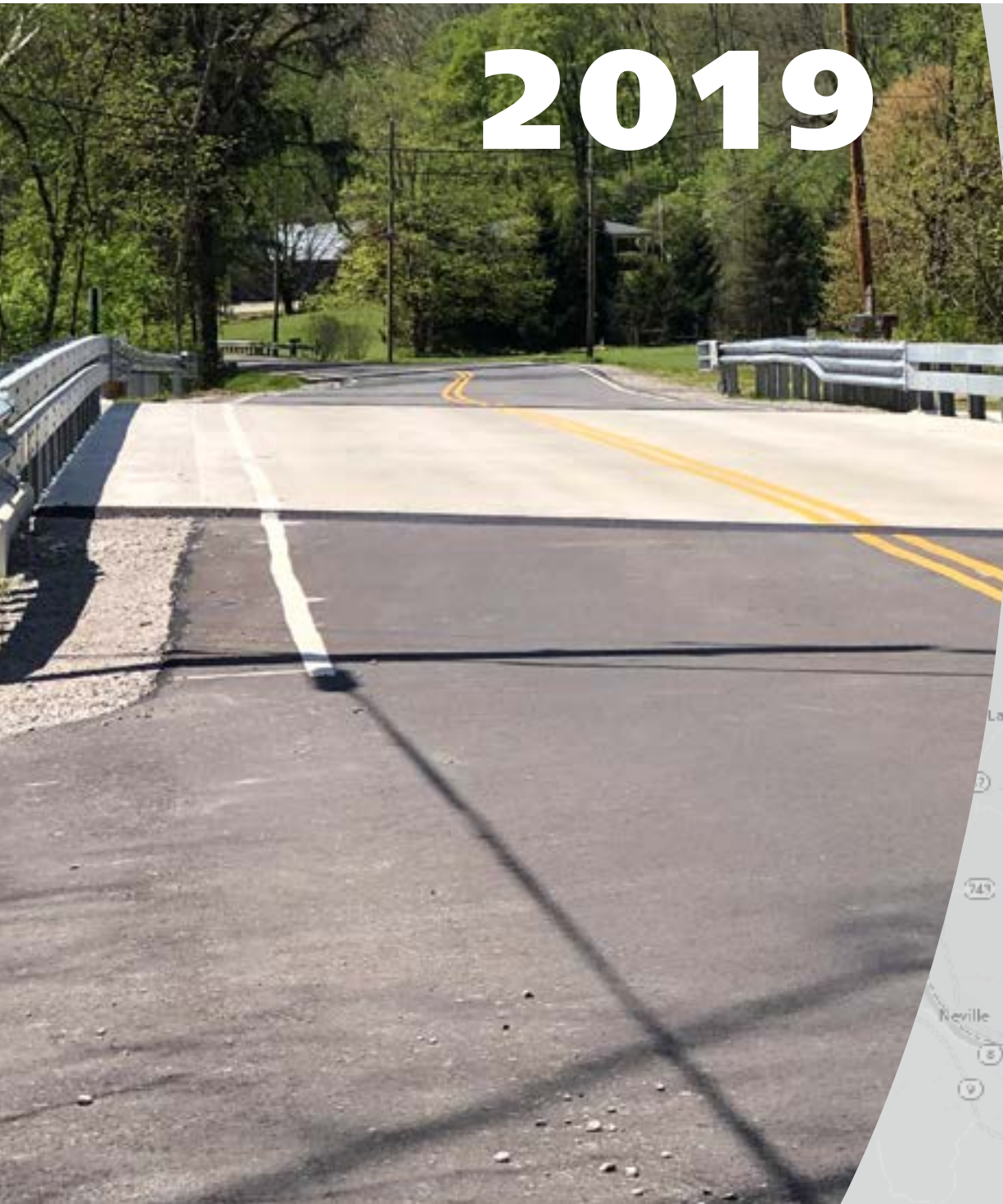


CLERMONT COUNTY ENGINEER'S OFFICE

# ANNUAL REPORT

# 2019





Ninemile-Tobasco Road  
Bridge No. C95-2.70  
Pierce Township

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Dear Commissioners,

The following 2019 Annual Report is presented for your review in accordance with Section 5543.02 of the Ohio Revised Code. This report details the work of the Clermont County Engineer's Office in 2019 and provides a summary of anticipated projects for 2020.

In 2019, thanks to your actions as County Commissioners, this office saw its first increase in funding in 15 years due to the implementation of a \$5 permissive license plate fee.

As projected, that additional \$5 per license plate generated approximately \$1 million in additional revenue, and as pledged, all of those funds were directed toward road repairs and resurfacing. Due to inflation over the past 20 years, we have seen asphalt prices increase

by 300% and with revenues remaining flat the condition of our roads has suffered as a result. Industry standards show that a course of asphalt has an expected life of approximately 10 to 12 years. Recently, we found ourselves on a nearly 40 year paving cycle meaning that each of our roads would be resurfaced only once every 40 years. Thanks to the additional revenues generated from the permissive license plate fee, our roads are now on a 22 year paving cycle.

We also saw additional revenue last year when the state legislature voted to approve an increase to the state fuel tax for the first time since 2003. After becoming effective in July of 2019, our first revenues from this increase arrived in September. Anticipated to generate approximately \$1.5 million annually, this estimate may not be fully realized for quite some time due to the recent impacts of the COVID-19 pandemic. I plan to designate these additional funds, whatever their amount, toward the needs of our bridges and landslides and I wasted no time addressing both last fall with the construction of the Price Road bridge replacement and the O'Bannonville Road landslide repair. Neither of these emergency projects were planned for 2019 and it would not have been possible to address either so quickly without these additional revenues.

Of our nearly 420 bridges, 177 are at or beyond their expected 50 year life span. Fortunately, most are still structurally sound with less than 40 having weight limit restrictions. Our budget has typically allowed for the replacement of fewer than 10 bridges per year and even with the addition of the recent fuel tax increase, I estimate that it will take 15 to 20 years to replace those 177 aging bridges while others will obviously continue to join that list.

While understandably unpopular, these recent revenue increases are critical to our ability to slow the deterioration of our aging infrastructure. Our budget still falls short of meeting every need while inflation continues to widen the gap. I will continue to make the most of our budget, supplementing these local funds by leveraging state and federal grants whenever possible, identifying areas to create savings, and by prioritizing spending where it will have the largest impact.

Respectfully,

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: 385.3**

**Average Condition Rating: 59\***

\*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; 50% of county roads 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



**419**

**Number of Bridges**

Of the **419** bridges maintained by the Clermont County Engineer's Office, 269 have a rating of good or better.

**155**

Since 2001, the county has replaced 155 bridges

**50**

A bridge has a 50-year functional life expectancy

**177**

Clermont County has 177 bridges built before 1969

**38**

**Number of Load Restricted Bridges**  
Legal load limit for a bridge is 40 tons, otherwise must be posted

## Culvert Condition Report

**2714**

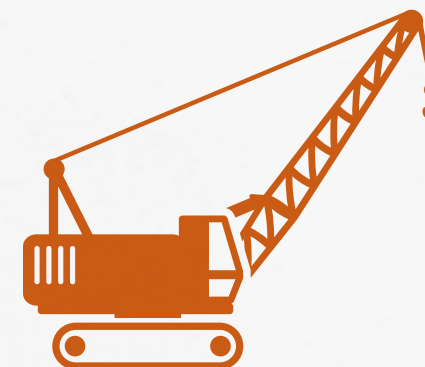
**Culverts**

**137**

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

**7.2**

**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
- 385 County Roads
- 681 are Township Roads
- 117 are City/Village Streets

# Capital Improvement Projects



**Road Projects**  
\$1,286,702



**Bridge Projects**  
\$663,241



**New Equipment Purchases**  
\$580,283

**TOTAL INVESTMENT:**  
**\$2,530,226**

**CAPITAL IMPROVEMENT GRANTS: \$741,833**

In 2019, the Clermont County Engineer's Office was able to secure funding for approximately 29% 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 2,700 culverts.

CCEO maintenance work falls into nine different categories.

**TOTAL HOURS: 50,235**



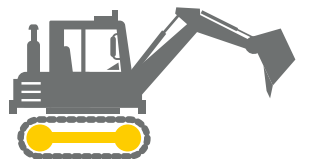
**Berming**  
3,160



**Bridge & culvert maintenance**  
9,747



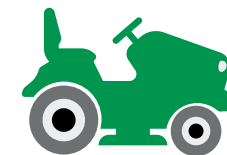
**County road maintenance**  
7,062



**Ditching**  
3,750



**Guardrail**  
2,401



**Mowing**  
7,469



**Potholes**  
10,439



**Signs & pavement markings**  
4,467



**Snow & ice removal**  
1,740



*Did you know?*

In 2019, there were 7 snow events that required the use of 1,001 tons of salt.

# Financials

In 2019, the Clermont County Engineer's Office managed a comprehensive resurfacing program, addressing 37 roadway miles on 18 different county roads.

## Resurfacing Program

<b>Airport Road</b> Patterson Road to SR 125 0.819 miles	<b>Amelia-Olive Branch Road (Curb Repair)</b> Clough Pike to Judd Road 0.695 miles	<b>Bethel-Concord Road (Full Depth Repair)</b> Twin Bridges to Dead End 1.428 miles	<b>Bethel-Concord Road (Full Depth Repair)</b> SR 133 to Dead End 1.598 miles
<b>Bootjack Corner Road</b> SR 133 to Brown County Line 1.847 miles	<b>Burdsall Road (Full Depth Repair)</b> Jackson Pike to Brown County Line 2.797 miles	<b>Clough Pike (Full Depth Repair)</b> Batavia Village Line to Amelia-Olive Branch 2.711 miles	<b>Ferris Road</b> McMann Road to Bach-Buxton Road 0.606 miles
<b>Garrison-Spurling Road (Full Depth Repair)</b> SR 727 to Warren County Line 3.98 miles	<b>Goodwin Schoolhouse-Pt. Isabel Road</b> SR 133 to Mt. Olive-Pt. Isabel Road 2.886 miles	<b>Laurel-Nicholsville Road</b> SR 232 to SR 222 1.269 miles	<b>Manila Road (North)</b> Goshen Road to Woodville Pike 0.956 miles
<b>Manila Road (South)</b> Cedarville Road to Woodville Pike 1.373 miles	<b>Oak Corner Road</b> Bethel-Maple Road to SR 125 2.841 miles	<b>Sodom Road</b> Bethel-Maple Road to Brown County Line 1.901 miles	<b>Summerside Road (Curb/Full Depth Repair)</b> Old SR 74 to Beechwood Road 1.685 miles
<b>Twin Bridges Road</b> SR 133 to Lake Access Road 2.328 miles	<b>Woodville Pike</b> SR 132 to SR 727 5.105 miles	<b>CCEO PROJECT EXPENDITURES:</b> 18 ROADS   37 MILES   \$2,319,506	

## Landslide Program

In 2019, the Clermont County Engineer's Office addressed one landslide in Goshen Township at a total cost of \$97,190.



**O'Bannonville Road**  
 Goshen Township  
 Project cost:  
**\$97,190**

## Bridge Program

In 2019, the Clermont County Engineer's Office completed maintenance and repairs of bridges/culverts at a total cost of \$2,095,728.

<b>Clough Pike</b> C33-3.03 Project Cost: <b>\$105,863</b>	<b>Elklick Road</b> C44-0.15 Project Cost: \$156,863	<b>*Ninemile-Tobasco</b> C95-1.15 Project Cost: \$1,226,232	<b>Woodville Pike</b> C133-4.60 Project Cost: \$115,876
<b>Woodville Pike</b> C133-4.94 Project Cost: \$164,596	<b>Woodville Pike</b> C133-6.17 Project Cost: \$134,092	<b>Woodville Pike</b> CC133-11 Project Cost: \$123,310	<b>Marathon-Edenton</b> C82-3.75 Project Cost: \$68,896

\*TID Project

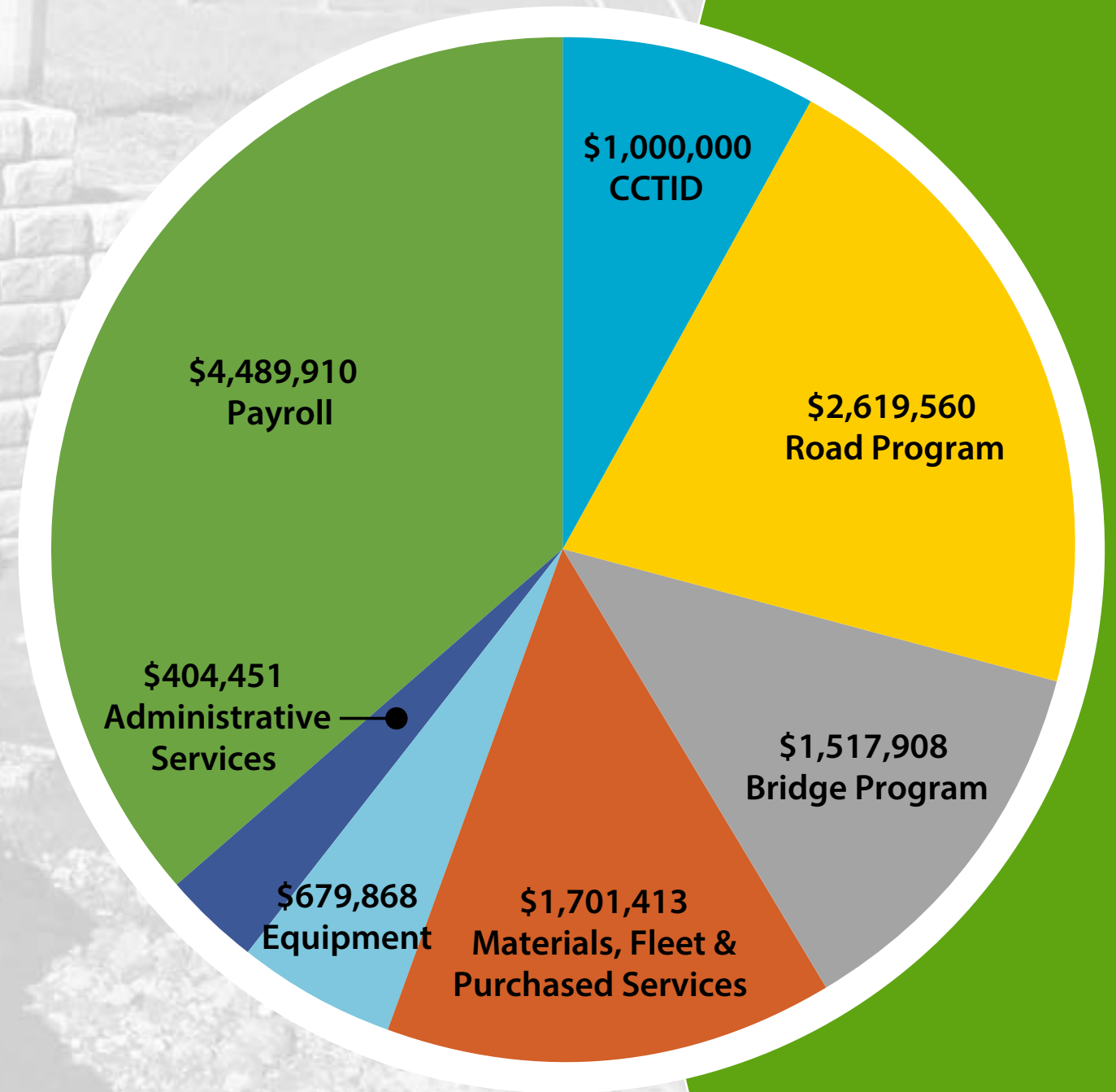
# Revenue Sources



**TOTAL REVENUE:**  
**\$11,649,052**

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

# 2019 Expenses



**TOTAL EXPENSES:**  
**\$12,413,110\***

\*The 2019 Expenses include amounts paid in early 2020 for 2019 work.

# 2020 Proposed Capital Improvements



## Road Program

This year's road program will address approximately 44 roadway miles in Clermont County. This annual program is expected to total nearly \$4.2 million and pave the way for safer travel on 19 county roads.



**PROJECT TOTALS:**  
19 Roads | 44.4 Miles  
\$4,213,740

This list is subject to change due to the uncertain financial impacts of COVID-19.

### In 2020, the following streets will be resurfaced:

- |   |   |
|---|---|
| <b>Beechwood Road</b><br>Summerside Road to Round Bottom Road<br>Project cost: \$615,826          | <b>Lindale-Nicholsville</b><br>SR 132 to SR 222<br>Project cost: \$487,952  |
| <b>Bethel-Concord Road (North of Lake)</b><br>Twin Bridges to Dead End<br>Project cost: \$87,644  | <b>Loveland-Miamiville</b><br>Wards Corner (West) to Wards Corner (East)<br>Project cost: \$487,328               |
| <b>Bethel-Concord Road (South of Lake)</b><br>SR 133 to Dead End<br>Project cost: \$105,963       | <b>Merwin Tenmile Road</b><br>Cole Road to Locust Corner Road<br>Project cost: \$171,346                          |
| <b>Branch Hill-Guinea</b><br>Glen Echo Lane to Branch Hill-Miamiville<br>Project cost: \$627,044  | <b>Old SR 28</b><br>Goshen Road to SR 28<br>Project cost: \$131,222   |
| <b>Burdsall Road</b><br>Jackson Pike to Brown County Line<br>Project cost: \$169,116              | <b>Summerside Road</b><br>Old SR 74 to Beechwood Road<br>Project cost: \$184,662                                  |
| <b>Eastgate Square</b><br>Aicholtz Road to Eastgate South Drive<br>Project cost: \$110,779        | <b>Swings Corner-Pt. Isabel Road</b><br>Mt. Olive-Pt. Isabel to Crane Schoolhouse Road<br>Project cost: \$383,300 |
| <b>Goodwin Schoolhouse-Pt Isabel</b><br>SR 133 to Mt. Olive-Pt. Isabel<br>Project cost: \$158,092 |   |

## Landslide Program

In 2020, the Engineer's Office anticipates spending \$1.21 million to address ten landslides in seven different townships, funded largely by grants from FEMA and OPWC.

### In 2020, the following landslides will be repaired:

- Bartlow Road**  
Franklin Township  
Project cost: \$87,925
- Bethel-New Richmond Road**  
Monroe Township  
Project cost: \$80,800
- Fruit Ridge Road Slide #1**  
Washington Township  
Project cost: \$231,950
- Fruit Ridge Road Slide #2**  
Washington Township  
Project cost: \$107,300
- McKeever Pike**  
Williamsburg Township  
Project cost: \$87,925
- Neville Penn-Schoolhouse Road**  
Washington Township  
Project cost: \$150,000
- Price Road**  
Miami Township  
Project cost: \$125,000
- Stonelick-Williams Corner Road**  
Stonelick Township  
Project cost: \$125,000
- Twelvemile Road Slide #1**  
Ohio Township  
Project cost: \$107,000
- Twelvemile Road Slide #2**  
Monroe Township  
Project cost: \$107,300

## Bridge Program

In 2020, the Engineer's Office will address 13 bridges in seven townships, investing approximately \$5.44 million in the repair of these aging structures.

- |   |   |
|---|---|
| <b>Gibbs Road</b><br>T2195-1.11<br>Goshen Township<br>Project Cost: \$34,000        | <b>O'Bannonville Road</b><br>C98-1.88<br>Goshen Township<br>Project Cost: \$105,417         |
| <b>Hutchinson Road</b><br>T359-0.57<br>Goshen Township<br>Project Cost: \$39,357    | <b>Old SR 74</b><br>CC171-5<br>Batavia Township<br>Project Cost: \$103,271                  |
| <b>Lindale-Mt. Holly</b><br>CC71-9<br>Monroe Township<br>Project Cost: \$97,040     | <b>Old SR 74</b><br>C171-2.31<br>Union Township<br>Project Cost: \$400,000                  |
| <b>Loveland-Miamiville</b><br>C75-1.75<br>Miami Township<br>Project Cost: \$129,442 | <b>*Price Road</b><br>C76-2.08<br>Miami Township<br>Project Cost: \$429,690                 |
| <b>Loveland-Miamiville</b><br>C75-4.12<br>Miami Township<br>Project Cost: \$138,510 | <b>*Round Bottom Road</b><br>C106-4.18<br>Union/Miami Township<br>Project Cost: \$3,615,000 |
| <b>Lucas Road</b><br>C77-1.54<br>Wayne Township<br>Project Cost: \$128,167          | <b>Stagge Road</b><br>T244-0.03<br>Goshen Township<br>Project Cost: \$107,616               |
| <b>Monterey Road</b><br>C85-1.27<br>Jackson Township<br>Project Cost: \$112,682     |   |

This list is subject to change due to the uncertain financial impacts of COVID-19.

\*TID Project

**PROJECT TOTALS:**  
13 Bridges | 7 Townships  
\$5,440,192

### In 2020, repair work will take place on the following roads:

- |  |   |  |
|--|---|--|
| <b>Chilo Spur</b><br>US 52 to Corporation Limit<br>Project cost: \$13,735                    | <b>Crane Schoolhouse Road</b><br>SR 222 to SR 125<br>Project cost: \$149,715        | <b>Sharps Cutoff Road</b><br>SR 276 to Jackson Pike<br>Project cost: \$149,231 |
| <b>Clermontville Spur</b><br>Clermontville-Laurel Road to Dead End<br>Project cost: \$18,991 | <b>Olive Branch-Stonelick Road</b><br>Old SR 74 to SR 222<br>Project cost: \$97,607 | <b>Shiloh Road</b><br>Woodville Pike to SR 28<br>Project cost: \$64,183        |



# 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 2019...

- \$14.5M in revenues from partners (ODOT, OPWC, Clermont County Commissioners, Clermont County Engineer, Water Resources, Village of Amelia, Union Township, Miami Township, Clermont County CIC, Children’s Hospital and Stonelick Township)
- \$15.8 M expended on 21 Active Projects located across 5 townships, 1 city and 1 village
- Completed projects
 

	Total Cost:
SR 32 & Bell’s Lane Improvements	\$ 5,340,593
SR 28/Branch Hill-Guinea @ JerLes	\$ 3,705,089
Amelia West Main Intersection	\$ 1,959,150
Ninemile-Tobasco Bridge	\$ 1,226,232
2016 Landslide Repairs	\$ 333,276

## 2019 Highlight...

After more than a decade of planning and intentional investment in a critical corridor for the movement of people, goods and services throughout our entire region...

### THE CINCINNATI ENQUIRER

CINCINNATI.COM

MONDAY, NOVEMBER 11, 2019

## ODOT allocates \$61.2M for Ohio 32 work

The \$61.2M allocation of ODOT funds will be combined with \$11.5M of ODOT safety funds and \$10.0M of local funds to allow for completion of the next six phases of the Eastern Corridor SR 32 project. The construction is planned to start in 2021 and continue into 2026.

## 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 John Becker**  
Mr. Becker represents the 65th 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

## SR 32 CORRIDOR IMPROVEMENTS: PLANNING + PARTNERSHIPS = PROGRESS



Product of State & Local Partnerships





**Price Road  
Bridge No. C76-2.08  
Miami 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**  
4009 Filager Road  
Batavia, Ohio 45103  
513-732-8869



