

2015 ANNUAL REPORT

"Improving your commute."



PATRICK J. MANGER, P.E., P.S.

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Dear Commissioners:

Per the Ohio Revised Code Section 5543.02, I hereby present the 2015 Annual Report for your review. This report provides information as to the condition of our roads, bridges and culverts, as well as estimates the probable amount of funds needed to maintain, repair and/or construct roads, bridges or culverts during the 2016 calendar year. This year's annual report is an overview of all the projects administered and/or completed by the Clermont County Engineer's Office in 2015.

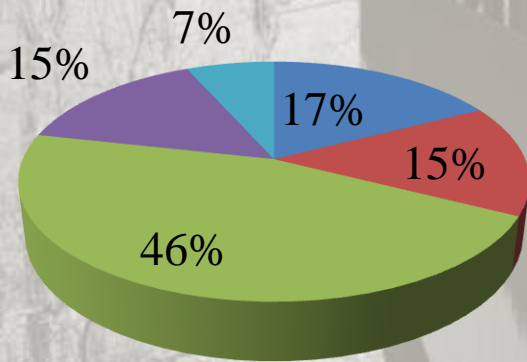
The desire to expand the existing county road network (384.6 miles) is very much an important aspect of the County Engineer's Office. However, ensuring the long term effectiveness of our existing transportation system is vital. The key to accomplishing both requires a thorough capital improvement strategy, a strong maintenance plan and the dedication to execute both. The results of this commitment are contained in this report.

Sincerely,

Patrick J. Manger, P.E.-P.S.

Capital Improvement Costs

- County Road Resurfacing
- Landslide Repair
- Bridge/Culvert Replacements
- Branch Hill/Filager Road Reconstruction
- Snow/Ice Removal

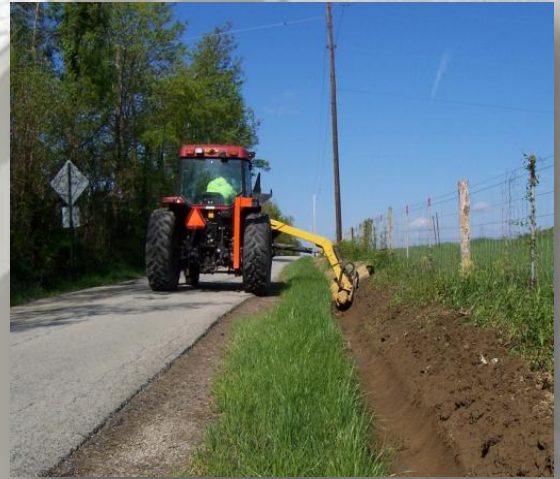


Clermont County's Highway Operations department, home to over 60 full time and part time employees, worked around the clock in 2015 investing over 18,000 man hours on various projects that included constructing bridges, paving, ditching county roads and much more! Nearly \$144,000 was spent to replace outdated equipment for the highway department.



Did you know?
Clermont County's Highway Operations Department set out on 15 different occasions for snow and ice removal, costing nearly \$500,000 for salt alone!

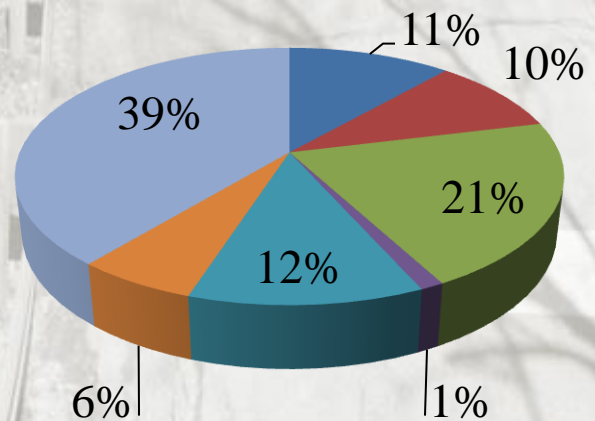
Clermont county consists almost 400 miles of intricate roadway, over 400 bridges and nearing 2,200 culverts. A total amount of \$9,421,000 was spent in 2015 to resurface, rehab, replace and maintain county roads, bridges and culverts.



Did you know?
Clermont County's lone historic covered bridge rehabilitation project completed in early 2015. The structure was rehabbed using new materials as well as those from the original 1800s construction.

Highway Maintenance

- County Road Maintenance
- County Road Ditches
- Bridge/Culvert Maintenance
- County Work Orders
- Berming
- Guardrail
- Potholes



Annual Road Condition Report

Miles	384.4
Average Age of Road	10.6 Years
Average Condition Rating <i>(Pavement Condition Rating is out of 100 with 100 being new pavement.)</i>	64.756



For a full list of roads and conditions, contact the Clermont County Engineer's Office.

Final result of a new, prestressed box beam bridge.

Annual Bridge Condition Report

Number of Bridges	402
Bridges Rehabbed or Replaced in 2015	15
Average Bridge Rating <i>(9-New Bridge, 4-Posted Loading, 1-Critical)</i>	7.221
Number of Load Restricted Bridges <i>(Legal load limit for a bridge is 40 tons, otherwise must be posted.)</i>	37
Number of Bridges Posted <20 Ton	5

For a full list of bridges and conditions, contact the Clermont County Engineer's Office.

County crews working to replace a critical culvert with new concrete pipe.



Annual Culvert Condition Report

Number of Culverts	2121
Average Condition Rating <i>(9-Excellent, 5-Fair, 1-Critical Failure)</i>	6.85
Number of Critical Pipes	27

For a full list of culverts and conditions, contact the Clermont County Engineer's Office.

2015 BRIDGE PROGRAM

ROAD NAME	BRIDGE NO.	TOWNSHIP	PROJECT COST
Mt Pisgah Road	C90-0.71	Pierce	\$414,000
Jackson Pike Bridge Deck	C62-5.36	Jackson	\$995,000
Belfast Road	T169-1.55	Stonelick	\$55,900
Clover Road	C05-3.96	Williamsburg	\$83,800
Caudill Road	T126-0.32 and 0.36	Jackson	\$261,600
Loveland Miamiville Road	C75-1.02	Miami	\$89,100
Clermontville Laurel	C31-3.63	Monroe	\$65,100
Lewis North Road	T164-0.14	Miami	\$77,900
Elklick Road	C44-0.50	Batavia	\$82,600
Twelve Mile Road	C126-0.35	Ohio	\$121,300
Stonelick Williams Corner Rd	C116-0.96	Stonelick	\$906,000
Felicity Cedron Road	C45-3.26	Franklin	\$396,000
Old 52	T960-0.10	Pierce	\$343,000
Linton Road	T192-1.46	Goshen	\$344,900
PROJECT TOTALS	15 Bridges	10 Townships	\$4,207,450

2015 LANDSLIDE PROGRAM

ROAD NAME	ROAD NO.	TOWNSHIP	PROJECT COST
Wolfpen Pleasant Hill	C132	Miami	\$300,000
Elklick	C44	Batavia	\$175,000
BearCreek	T15	Washington	\$200,000
Tealtown Road	C123	Union	\$90,000
Clermontville Laurel	C31	Monroe	\$300,000
Shinkles Ridge	C109	Franklin	\$140,000
Laurel Moscow	C65	Washington	\$170,000
PROJECT TOTALS	7 Landslides	6Townships	\$1,375,000



Completed Landslide project on Wolfpen-Pleasant Hill Road in 2015



Completed Landslide project on Tealtown Road in 2015

2015 RESURFACING PROGRAM

ROAD NAME	FROM	TO	MILES	PROJECT COST
Bethel Maple	Sodom Road	SR 774	3.116	\$280,000
Bolender	SR 756	Chilo Cemetery	2.34	\$150,000
Chilo Cemetery	SR 222	Neville Penn	2.36	\$150,000
Clermontville Laurel	US 52	Spruce Hill Lane	0.936	\$110,000
Hill Station	Goshen Road	Warren County Line	1.988	\$300,000
Hunt Road	Marathon-Edenton	Brown County Line	1.923	\$190,000
McKeever Road	SR 32	Village of Williamsburg	2.988	\$325,000
Old SR 28	SR 28	Goshen Road	0.67	\$90,000
PROJECT TOTALS	8 Roads		16.321 Miles	\$1,595,000



Mt. Pisgah Road and bridge improvements completed in 2015.

2015 ROAD IMPROVEMENTS

PROJECT	DESCRIPTION	PROJECT COST
Branch Hill Guinea Drainage Project	This project includes roadway and shoulder widening with accompanying drainage improvements along Branch Hill Guinea Pike from Branch Hill Miamiville to Branch Hill Loveland Road. Final completion scheduled for summer of 2016.	\$750,000
Filager Road Reconstruction	This project will widen the road in various places for safe passing lanes. Additional drainage improvements as well as sight distance and safety improvements will also be made.	\$610,000
PROJECT TOTALS		\$1,360,000



Branch Hill Guinea project nearing completion.

2016 BRIDGE PROGRAM

ROAD NAME	BRIDGE NO.	TOWNSHIP	PROJECT COST
Williamsburg Bantam Road	C130-0.73	Tate	\$36,000
Crane Schoolhouse Road	CC38-10	Tate	\$88,300
Sharps Cutoff Road	CC108-4	Jackson	\$120,000
Saltair Maple Deck Replacement	T46-1.40	Tate	\$29,500
Graves Road Bridge	T220-0.02	Stonelick	\$100,100
Clough Pike (Gunitite)	C33-0.11	Union	\$202,000
No. 9	T145-0.06	Wayne	\$200,000
Woodville Pike	C133-0.60 & 0.65	Miami	\$205,000
Obannonville Road	CC98-11	Miami	\$91,000
Clermontville Road	C31-0.41	Monroe	\$30,000
Nine Mile Tobasco Road	C95-1.15	Pierce	\$30,000
Brown Road Deck Replacement	T43-0.22	Wayne	\$40,000
Taylor Pike	C121-3.79	Wayne	\$99,000
Taylor Pike	CC121-17	Wayne	\$87,500
PROJECT TOTALS	14 Bridges	6 Townships	\$1,358,400

2016 LANDSLIDE PROGRAM

ROAD NAME	ROAD NO.	TOWNSHIP	PROJECT COST
Frank Willis Road	C50	Ohio	\$100,000
Roundbottom Road	C106	Union	\$85,000
Locust Corner Road	C73	Pierce	\$150,000
Felicity Cedron Road	C45	Franklin	\$75,000
PROJECT TOTALS	4 Landslides	4Townships	\$410,000

2016 RESURFACING PROGRAM

ROAD NAME	FROM	TO	MILES	PROJECT COST
Frank Willis Road	US 52	Franklin-Laurel Rd	2.456	\$375,000
Bethel New Richmond Rd	New Richmond line	SR 222	4.688	\$625,000
Old SR 32	Batavia Village	Brown County Line	5.789	\$1,600,000
Branch Hill Loveland Rd	Loveland Corp	Branch Hill-Guinea	1.848	\$150,000
Clermontville Laurel Road	US 52	SR 232	3.937	\$300,000
Elklick Road	SR 222	Dead End	3.399	\$280,000
Lakin Chapel Road	Swings Corner-Pt Isabel	SR 133	0.44	\$75,000
Newtonsville Road (FDR)	Full Depth Repair			\$100,000
Taylor Pike	SR 133	SR 133	5.326	\$420,000
Woodville Pike	SR 28	SR 132	2.708	\$550,000
PROJECT TOTALS	10 Roads		30.591 Miles	\$4,475,000