

# Annual Report 2019



**Timothy J. Schumm, P.E., P.S.**  
**Henry County Engineer**

**Annual Report 2019**

**February 2020**

## **Engineer's Staff**

Tim Schumm, P.E., P.S.  
*County Engineer*

Daniel Jenkins, M.S.  
*GIS Coordinator*

Clark Schlatter  
*Deputy Engineer*

Steve Knipp  
*Bridge Inspector*

Nick Rettig  
*Deputy Engineer*

Katrina Meyer  
*Account Clerk*

Nancy Johnston  
*Tax Map Assistant*

Phil Baden  
*Superintendent*

## **2019 Recap**

The Highway Department was kept busy by the construction of numerous culverts and bridges as well as the road maintenance program which involved crack sealing, pothole repair and chip sealing.

Several roads in the County were paved or widened by contract. These projects were funded by OPWC at 50%. Federal funds were also utilized for bridge painting and centerline striping. In total, the County received \$1,145,960 in grants for these projects.

The Engineer's Office and Tax Map Office was kept busy reviewing deeds, creating GIS maps, issuing permits, completing bridge inspections, preparing construction plans and monitoring construction projects.

All of the hard work done by these County employees is greatly appreciated.

## **Staffing News**

In 2019, the Henry County Highway Department had one retirement. Thank you Jay Agler for your 30 years of service. Phil Baden was promoted to Highway Superintendent. Additionally, Levi Gustwiller and Jordan Fisher were hired as Maintenance Worker I's. Justin Niese left as County Surveyor and accepted a position at ODOT District 1. Nick Rettig was brought in to assist in the Engineer's Office. Nick will continue his work as the County Planning Director.



*Timothy J. Schumm  
County Engineer*

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## Bridges of Henry County

The Henry County Engineer’s Office is responsible for the maintenance of 295 bridges. These bridges are inspected every year by our office. From these inspections, the bridges rated as follows:

General Appraisal	Bridges		
9	8	Good (7-9)	146 bridges (49%)
8	68	Fair (5-6)	139 bridges (47%)
7	71	Poor (3-4)	6 bridges (2%)
6	82	Critical (0-2)	4 bridges (1%)
5	57		
4	6		
3	0		
2	0		
1	0		
0	4 (all closed)		

## ROAD MILEAGE

	Mileage
Bartlow Twp	25.905
Damascus Twp	29.005
Flatrock Twp	21.316
Freedom Twp	34.800
Harrison Twp	34.075
Liberty Twp	28.681
Marion Twp	42.226
Monroe Twp	28.515
Napoleon Twp	42.506
Pleasant Twp	27.532
Richfield Twp	36.222
Ridgeville Twp	33.453
Washington Twp	40.015
<b>Total Township Roads</b>	<b>424.251</b>
<b>Total County Roads</b>	<b>405.282</b>
<b>U.S. and State Highways</b>	<b>161.72</b>



### 2019 Budget

2019 Revenue		2019 Expenditures	
Gas Tax	\$2,939,200.28	Salaries	\$476,570.89
Motor Vehicle Reg. Fees	\$1,544,860.82	Roads & Bridge Maintenance	\$3,460,684.72
Permissive Tax	\$364,569.57	Equipment/Supplies	\$189,469.26
Napoleon Municipal Court	\$35,225.25	Construction and Materials	\$1,474,251.39
Miscellaneous	<u>\$2,485,459.81</u>	Miscellaneous	<u>\$683,598.34</u>
<b>Total</b>	<b>\$7,369,315.73</b>	<b>Total</b>	<b>\$6,284,574.60</b>

### Transportation Budget

Thanks to the signing of the transportation budget, additional revenue from the sale of gasoline and diesel will be coming to Ohio governments. The additional 10.5 cent gasoline tax and 19 cent diesel tax started on July 1, 2019. We have begun to see the additional revenue and ODOT estimates that each county may receive an additional \$1.5 million annually. Municipalities and townships will also be receiving a portion of these new funds. The County will be using the additional revenue to increase asphalt paving and do other maintenance work throughout the county.

### Snow/Ice Control

	Winter 17/18	Winter 18/19	Average Since 00/01
Total Manhours	2728	1763	2849
Material Used (tons)	2394	1973	1715
Total Cost	\$264,981.31	\$196,917.35	\$225,920.14



## Road Projects

County crews chip sealed approximately 40 miles of county roads in 2019. The 2019 paving program consisted of overlaying 3 miles of road, and relocating 1 mile of road. Also, 6 miles of road were crack sealed and 164 miles of roadway were centerline striped. Grants were obtained to help cover 50% of the costs of the resurfacing and road relocation costs (\$359,438.68) and 100% of the centerline striping costs (\$117,058.69). The 2018 Paving Program consisted of the following roads:

<u>Road</u>	<u>Section</u>	<u>Miles</u>	<u>Remarks</u>
P	Napoleon to US 6	3	Surface Course
Z/L	CR 15 to CR 14	1	Relocation
	<b>Total</b>	<b>4</b>	

## Bridges and Culverts Replaced

The Henry County Highway Department was busy constructing bridges under force account this past year. The 2019 bridge and culvert program consisted of the replacement of 2 bridges. In addition, Bridge 17c-0.10 by Florida was repainted at a cost of \$660,800.00 by KMX Painting, Inc. Inspection services were provided by Quality Control Services at a cost of \$43,897.00. Federal grants were obtained to cover 95% of the cost (\$669,462.14).



*Chip Seal*

<u>Bridge/Culvert</u>	<u>Between Roads</u>	<u>Contractor</u>
K-9.85	CR 10 and SR 109	County Forces
10c-0.50	CR K and CR L	County Forces
17c-0.10	CR Z and CR 424	KMX



*Bridge 17c-0.10*



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**WWW.HENRYCOUNTYENGINEER.COM**

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**Henry County Engineer**

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