

# Annual Report 2018



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

Annual Report 2018

February 2019

## Engineer's Staff

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

Justin Niese, PE, PS  
*Deputy Engineer/Surveyor*

Daniel Jenkins, M.S.  
*GIS Coordinator*

Clark Schlatter  
*Deputy Engineer*

Steve Knipp  
*Bridge Inspector*

Katrina Hare  
*Account Clerk*

Nancy Johnston  
*Tax Map Assistant*

Jay Agler  
*Superintendent*

## 2018 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 to centerline stripe. In total, the County received over \$273,000 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.

I respectfully submit this annual report as required by Ohio Revised Code Chapter 5543.

## Staffing News

In 2018, the Henry County Highway Department had one retirement. Rick Murray retired after 27 years of service. Todd Bockelman was hired as a Mechanic I.



*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	11	Good (7-9)	145 bridges (49%)
8	71	Fair (5-6)	142 bridges (48%)
7	63	Poor (3-4)	4 bridges (1%)
6	86	Critical (0-2)	4 bridges (1%)
5	56		
4	4		
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	28.625
Marion Twp	42.226
Monroe Twp	28.515
Napoleon Twp	42.506
Pleasant Twp	27.532
Richfield Twp	36.222
Ridgeville Twp	33.451
Washington Twp	40.015
<b>Total Township Roads</b>	<b>424.193</b>
<b>Total County Roads</b>	<b>405.485</b>
<b>U.S. and State Highways</b>	<b>161.72</b>



**2018 Budget**

<b>2018 Revenue</b>		<b>2018 Expenditures</b>	
Gas Tax	\$2,417,403.95	Salaries	\$511,153.33
Motor Vehicle Reg. Fees	\$1,518,709.34	Roads & Bridge Maintenance	\$1,706,573.77
Permissive Tax	\$365,094.51	Equipment/Supplies	\$209,898.74
Napoleon Municipal Court	\$49,458.45	Construction and Materials	\$1,224,102.99
Miscellaneous	\$442,297.90	Miscellaneous	\$708,503.17
<b>Total</b>	<b>\$4,792,964.15</b>	<b>Total</b>	<b>\$4,360,232.00</b>

**Where Does Our Revenue Come From?**

The 28 cents state gas tax is distributed per the following formulas

23.8 cents is distributed - 75% to ODOT, 10.71% to Municipalities, 9.29% to Counties and 5% to Townships

2.7 cents is distributed - 42.84% to Municipalities, 37.16% to Counties, 20% to Townships

1.0 cent is distributed - LTIP (Ohio Public Works Commission)

0.5 cents is distributed - ODNR, PUCO, The Ohio Turnpike, etc.

Motor Vehicle Registration Fee: \$20.00 per year for passenger cars, varies for other vehicles

47% is distributed to the county where the vehicle is registered

34% is distributed to location of registration within the county, i.e. village, municipality, township

9% is divided among all 88 counties based on ratio of miles of county roads in Henry County to total county road miles statewide

5% is distributed to townships based on ratio of local township road mileage to total statewide township mileage

5% is distributed to all 88 counties equally

Permissive License Plate Fees: \$20.00 per year

\$5 is distributed to location of registration either county or municipality

\$5 is distributed 50% municipality and 50% county

\$5 is distributed 70% county and 30% townships

\$5 is distributed to location of registration either municipality or township

Napoleon Municipal Court:

Depending on the section of ORC the citation was issued, the County Engineer receives a portion of the fines.

Miscellaneous:

This includes interest, equipment sales, and reimbursements from fuel sales and salt, and work completed for townships and other political subdivisions.

# Road Projects

County crews chip sealed approximately 40 miles of county roads in 2018. The 2018 paving program consisted of overlaying 3 miles of road , widening 1 mile of road and microsurfacing 4.5 miles of road. Also, 4.4 miles of road were crack sealed using 30,420 pounds of material and 138 miles of roadway were center-line striped. The 2018 Paving Program consisted of the following roads:

<u>Road</u>	<u>Section</u>	<u>Miles</u>	<u>Remarks</u>
L	SR 109 to CR 6	3	Surface Course
M	CR 3 to CR 2	1	Widen and Resurface
11c	Napoleon to CR O	1	Microsurface
O	CR 11c to US 6	2.5	Microsurface
R	CR 14b to SR 108	0.5	Microsurface
14b	Napoleon to CR R	0.5	Microsurface
<b>Total</b>		<b>8.5</b>	

# Bridges and Culverts Replaced

The Henry County Highway Department was busy constructing bridges under force account this past year. The 2018 bridge and culvert program consisted of:

<u>Bridge/Culvert</u>	<u>Between Roads</u>	<u>Contractor</u>
P3-5.30	CR 7 and CR 8	County Forces
16c-3.234	CR 15 and CR D1	County Forces
Y-10.30	CR 10b and CR 10	County Forces
11b-1.25	CR K and CR L	County Forces
N3-0.40	SR 65 and CR 3a	County Forces
S-0.70	East of CR 5b	County Forces



*Chip Seal*



*Bridge 11b-1.25*



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**WWW.HENRYCOUNTYENGINEER.COM**

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

Henry County Engineer  
 1823 Oakwood Avenue  
 Napoleon, Ohio 43545

Phone: (419) 592-2976  
 Fax: (419) 592-5508  
 E-mail: hce@henrycountyohio.com  
 Website: www.henrycountyengineer.com