

Annual Report 2020



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

2020 Recap

February 2020

Engineer's Staff

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

Daniel Jenkins, M.S.
GIS Coordinator

Mark Spiess
Project Manager

Steve Knipp
Bridge Inspector

Nick Rettig
Deputy Engineer

Katrina Meyer
Account Clerk

Nancy Johnston
Tax Map Assistant

Phil Baden
Superintendent

The past year was challenging, but the staff at the Engineer's Office, Tax Map Office and Highway Garage were up to the challenge. The Highway Department was able to construct numerous culverts and bridges as well as the road maintenance program which involved pothole repair and chip sealing.

A large project that began construction in 2020 was the New Bridge over the Maumee River. This \$10.3 million project is being funded by the help of \$6.25 million in grants. The County is teaming with ODOT to manage the project.

Vernon Nagel, Inc. is the contractor. Due to favorable weather, the north half of the bridge was constructed as well as the roundabout on SR 110. Completion of the project is expected by June 2022.

Thanks to an increase in state gas tax funding, the County was able to increase the number of miles paved. This additional revenue helped offset the loss of gas tax revenue due to the decrease in miles traveled in 2020.

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.

Timothy J. Schumm, PE, PS



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
8	62
7	71
6	90
5	52
4	5
3	0
2	0
1	0
0	4 (all closed)

Good (7-9)	144 bridges (49%)
Fair (5-6)	142 bridges (48%)
Poor (3-4)	5 bridges (2%)
Critical (0-2)	4 bridges (1%)

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
Total Township Roads	424.251
Total County Roads	405.282
U.S. and State Highways	161.72



2020 Budget

2020 Revenue

Gas Tax	\$3,614,207.26
Motor Vehicle Reg. Fees	\$1,520,052.99
Permissive Tax	\$359,351.50
Napoleon Municipal Court	\$14,984.33
Miscellaneous	\$1,009,831.65
Total	\$6,518,427.73

2020 Expenditures

Salaries	\$512,725.41
Roads & Bridge Maintenance	\$1,550,922.44
Equipment/Supplies	\$523,654.02
Construction and Materials	\$2,163,576.22
Miscellaneous	\$587,721.60
Total	\$5,338,599.69

Snow/Ice Control

	Winter 18/19	Winter 19/20	Average Since 00/01
Total Manhours	1763	1598	2786
Material Used (tons)	1973	1281	1693
Total Cost	\$196,917.35	\$182,690.78	\$223,758.67



Bridge R2-0.13



Road Projects

County crews chip sealed approximately 15.5 miles of county roads in 2020. The 2020 paving program consisted of overlaying 11 miles of road, widening 1.5 miles and microsurfacing 6 miles of road. Also, 7 miles of road were crack sealed and 27 miles of roadway were centerline striped. The 2020 Paving Program consisted of the following roads:

<u>Road</u>	<u>Section</u>	<u>Miles</u>	<u>Remarks</u>
B	19 to 17a	1.5	Widening
14	SR 18 to SR 281	2	Surface Course
V	1 to 3	2	Surface Course
X	19 to W	2.7	Surface Course
Y	19 to 16c	2.9	Surface Course
13	A to Y	1.4	Surface Course
2	SR 281 to US 6	6	Microsurfacing
	Total	18.5	

Bridges and Culverts Replaced

The Henry County Highway Department was busy constructing bridges under force account this past year. The 2020 bridge and culvert program consisted of the replacement of 4 bridges and 2 large culverts, consisting of the following structures:

<u>Bridge/Culvert</u>	<u>Between Roads</u>	<u>Contractor</u>
9b-1.85	South of SR 110	County Forces
L-14.00	CR 5 and CR 6	County Forces
R2-0.13	West of CR 6c	County Forces
Y-12.70	CR 8 and CR B	County Forces
16a-1.80	CR B and CR Y	County Forces
E-1.65	CR 10a and CR 11	Vernon Nagel



Bridge E-1.65



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Henry County Engineer

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