

Annual Report 2015



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

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February 2016

Engineer's Staff

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

Patrick McColley, P.E.
Chief Deputy Engineer

Daniel Jenkins, M.S.
GIS Coordinator

Justin Niese, E.I., S.I.
Projects Manager

Steve Knipp
Bridge Inspector

Robin Ball
Account Clerk

Nancy Johnston
Tax Map Assistant

Dave Ramey
Superintendent

Unpredictable Snow Removal Cost

The winter of 2014-2015 was another challenge for our snow removal operations. Between November 2014 and March 2015 over 3400 man hours and 1850 tons of salt/stone mix were used to remove the snow and ice. The resulting cost was over \$300,000. Even with this cost down from the previous winter, it was still above the average. With the construction of the new salt storage facility, we were able to purchase 1000 tons of salt this summer for the upcoming winter at a cost of \$68.02 per ton.



*Timothy J. Schumm
County Engineer*

The Highway Department was also 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. The Engineer's Office and Tax Map Office was kept busy reviewing deeds, creating GIS maps, issuing permits, completing bridge inspections and monitoring construction projects. All of their hard work is greatly appreciated.

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Online GIS Maps

The Engineer's office has placed a number of GIS maps online this past year and now hosts the maps on ESRI ArcOnline. Some of the published GIS maps include the parcel map, zoning map, Village of Deshler zoning map, railroad crossing map, section corner map, bridge information map, survey reference map, subdivision reference map, and road information map. The engineer's office is planning to continue placing more maps online in order to better serve the public and other public offices. The gallery can be found by pressing the GIS tab on the County Engineer's Website

ROAD MILEAGE BY TOWNSHIP

<u>Township</u>	<u>Township Roads</u>
Bartlow Twp	25.91
Damascus Twp	29.01
Flatrock Twp	21.32
Freedom Twp	34.8
Harrison Twp	34.08
Liberty Twp	28.63
Marion Twp	42.23
Monroe Twp	28.52
Napoleon Twp	42.51
Pleasant Twp	27.53
Richfield Twp	36.22
Ridgeville Twp	33.45
Washington Twp	40.02
Total Township Roads	424.23
Total County Roads	405.61
U.S. and State Highways	175

Florida Canal Bridge

The Miami and Erie canal runs alongside the Maumee River and through the Village of Florida. There is one road that crosses the river and the canal. This past year the bridge over the canal was replaced. The shut down of a major river crossing created a detour route of approximately 20 miles. Since this bridge was over the canal and near the Buckeye Trail, a more aesthetically pleasing bridge design was chosen. The completed bridge was featured in Contech's nationally distributed magazine and is currently the July featured bridge in their calendar.



Staffing News

This past year brought a new face to the engineer's office as Project Manager Derek Heitzman left to take a job with the Putnam County Engineer and Justin Niese, EI, SI was hired as his replacement. Our office wishes Derek the best with his new opportunity and is excited to have Justin on board. Justin previously worked at Bockrath and Associates.

2015 Budget

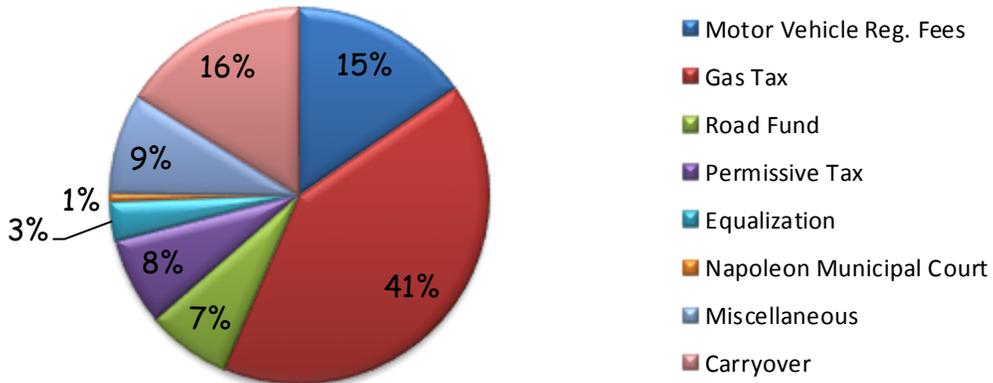
2015 Revenue

Motor Vehicle Reg. Fees	\$857,296.31
Gas Tax	\$2,297,739.54
Road Fund	\$405,409.73
Permissive Tax	\$419,175.44
Equalization	\$182,917.03
Napoleon Municipal Court	\$43,334.81
Miscellaneous	\$482,171.00
Carryover	\$903,028.40
Total	\$5,591,072.26

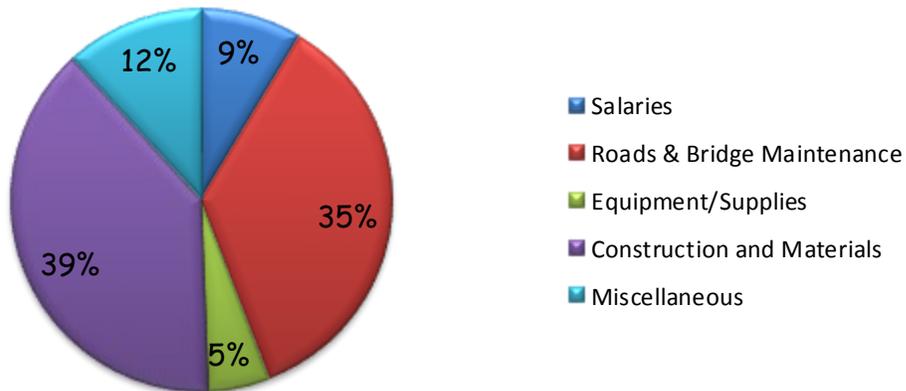
2015 Expenditures

Salaries	\$481,149.76
Roads & Bridge Maintenance	\$1,986,466.83
Equipment/Supplies	\$294,840.48
Construction and Materials	\$2,170,357.46
Miscellaneous	\$658,257.73
Total	\$5,591,072.26

2015 Revenue



2015 Expenditures





Gerken Crews Paving a County Road

Road Projects

County crews chip sealed approximately 35.5 miles of county roads in 2015. The 2015 paving program consisted of overlaying 0.5 miles of highway with a intermediate course and a surface course, overlaying 6 miles of road, widening 1 mile of road, and mirosurfacing 4.5 miles of road. Gerken Paving was the contractor for the paving and American Pavements was the contractor for the Microsurfacing. Approximately 3,698 cubic yards of asphalt was used for the 2015 Paving Program.

The 2015 Paving Program consisted of the following roads:

<u>Road</u>	<u>Section</u>	<u>Miles</u>	<u>Remarks</u>
S	CR 22 to CR 23	1	Widen Road From 12' to 16'
3	CR S3 to CR W	3.5	448 Surface Course
4	CR S3 to CR T	0.5	448 Surface Course
13	CR S to CR T	1	448 Surface Course
13A	American Rd to CR S	0.75	448 Surface Course
2	Deshler to SR 281	4.5	Microsurface
Total		11.25	

Bridges and Culverts Replaced

The Henry County Highway Department was busy constructing bridges and culverts under force account this past year. Vernon Nagel was the low bidder on bridge 17C-0.15 over the Canal in the Village of Florida. Two sets of 4 sided boxes were bid out and awarded to Mack Industries. The 2015 bridge and culvert program consisted of:



Culvert P3-3.50

<u>Bridge/Culvert</u>	<u>Between Roads</u>	<u>Contractor</u>
17C-0.15	CR 424 and CR Z	Vernon Nagel
16C-2.443	CR D1 and CR 15	County Forces
L-12.00	Int. of CR L and CR 7	County Forces
P3-3.50	US 6 and SR 109	County Forces
V-12.65	CR 12 and CR 13	County Forces



Bridge L-12.00



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WWW.HENRYCOUNTYENGINEER.COM

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