

Annual Report 2014



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

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February 2015

Engineer's Staff

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

Patrick McColley, P.E.
Chief Deputy Engineer

Daniel Jenkins, M.S.
GIS Coordinator

Derek Heitzman, P.E., 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 2013-2014 took a toll on our snow removal operations. Between November 2013 and March 2014 over 5600 man hours and 1900 tons of salt/stone mix were used to remove the snow and ice. The resulting cost was over \$450,000, the highest cost for snow removal this century. As a result of the usage of salt nationwide, the price of salt increase toward the end of 2014. For us, the cost of salt went from \$32.52 per ton to \$100.75 per ton. To allow the County to store more salt, a new salt storage building was constructed. This new building will hold about 1200 tons of salt and will allow us to purchase salt in the summer when the cost for salt is typically lower.



*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 that 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.

New River Bridge Project

There was a lot of activity with the New Maumee River Crossing Project. Stage 1, archeological assessment, and preliminary right of way plans have been competed. The stage 1 design plans show roundabouts at both ends of the bridge (Riverview Avenue and S.R. 110). More information on the River Bridge Project can be found online at www.henrycountyengineer.com/index_files/NewBridge.htm

Inside this issue:

Highway Mileage	2
Salt Storage Building	2
Staffing News	2
2014 Budget	3
Paving Projects	4
Bridges and Culverts	4

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

Salt Storage Building

Like many entities in the area the County had a hard time receiving salt bids. Thanks to the cooperation of Fulton County Engineer Frank Onweller we were able to receive salt. To address salt price fluctuations a new salt building was constructed. County forces erected a Clearspan structure. The structure is tied to concrete blocks. The new building will be able to hold approximately 1,200 tons of salt.



Staffing News

This past year was quiet with regards to retirements. The Engineer's Office had a number of retirements in 2011 and 2012 but did not have any in 2013 or 2014.

Shain Meyer joined the Highway Department in October of 2014. Shain will make an excellent addition to the Highway Department and has previous work experience in agriculture.

2014 Budget

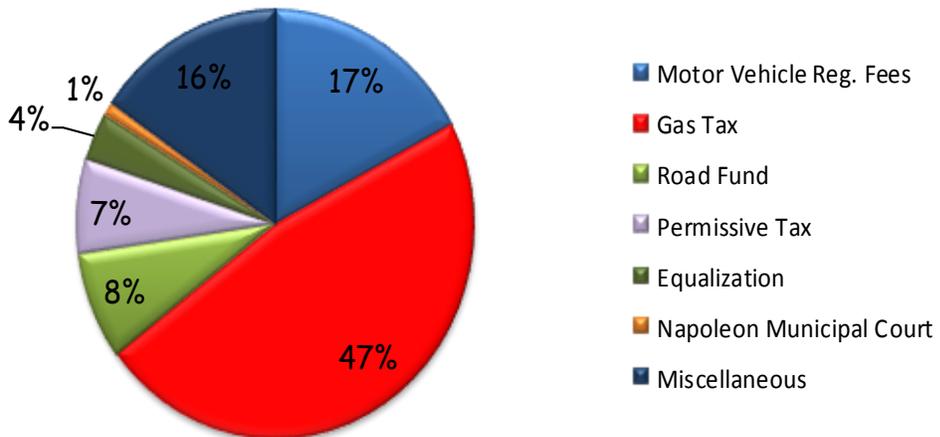
2014 Revenue

Motor Vehicle Reg. Fees	\$852,971.62
Gas Tax	\$2,334,893.50
Road Fund	\$395,996.55
Permissive Tax	\$352,789.56
Equalization	\$178,568.86
Napoleon Municipal Court	\$48,941.06
Miscellaneous	\$761,363.82
Total	\$4,925,524.97

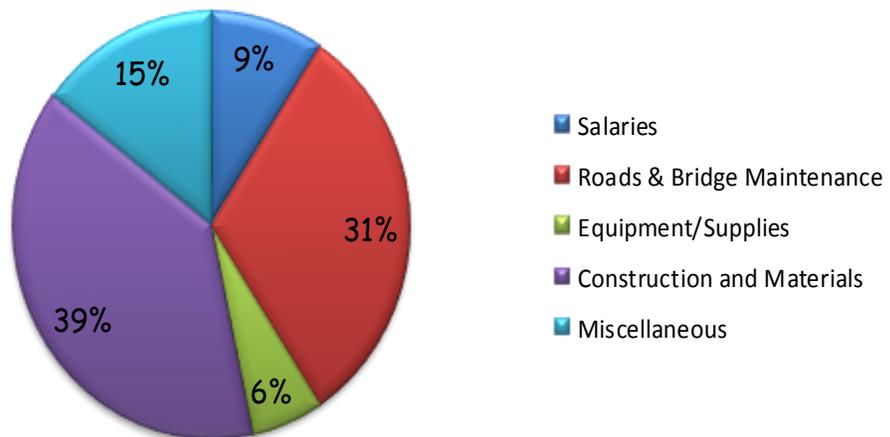
2014 Expenditures

Salaries	\$472,282.22
Roads & Bridge Maintenance	\$1,617,061.06
Equipment/Supplies	\$298,866.95
Construction and Materials	\$1,981,916.64
Miscellaneous	\$750,756.75
Total	\$5,120,883.62

2014 Revenue



2014 Expenditures



Road Projects



Full Depth Reclamation of CR W

County crews chip sealed approximately 37.4 miles of county roads in 2014. The 2014 paving program consisted of overlaying 2 miles of highway with a intermediate course and a surface course, overlaying 1 mile of road, and completing a full-depth reclamation for 1 mile of road. Gerken Paving was the contractor for the jobs. Approximately 3,237.5 cubic yards of asphalt was used for the 2014 Paving Program. The 2014 Paving Program consisted of the following roads:

<u>Road</u>	<u>Section</u>	<u>Miles</u>	<u>Remarks</u>
18	S.R. 18 to S.R. 281	2.03	Intermediate and Surface Course / Railroad Grade Imp.
G	@ Bridge G-11.00	0.06	Overlay Over Bridge
T	C.R. 8 to C.R. 9	1.01	448 Surface Course
W	S.R. 66 to C.R. 24	1.01	Full Depth Reclamation
	Total	4.11	

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 7-14.90 over South Turkeyfoot Creek. Three sets of 4 sided boxes were bid out and awarded to Mack Industries. The 2014 bridge and culvert program consisted of:



Bridge G-11.00

<u>Bridge/Culvert</u>	<u>Between Roads</u>	<u>Contractor</u>
7-14.90	U.S. 6 and C.R. P	Vernon Nagel
17-14.10	C.R. O and U.S. 24	County Forces
D-11.50	C.R. 7 and C.R. 8	County Forces
D-12.00	C.R. 7 and C.R. 8	County Forces
G-11.00	C.R. 8 and S.R. 109	County Forces
H1-1.00	S.R. 65 and C.R. 5	County Forces



Bridge 17-14.10



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WWW.HENRYCOUNTYENGINEER.COM

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