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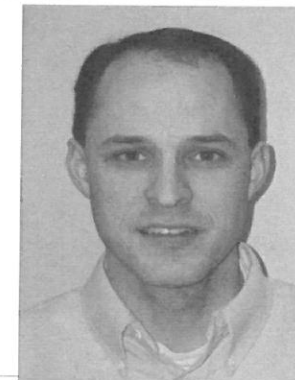
**BRIDGE SUFFICIENCY RATINGS**

Year	Poor 0-50	Fair 51-70	Good-Excellent 71-100	Year	Poor 0-50	Fair 51-70	Good-Excellent 71-100
2002	23.7%	14.3%	62.0%	2009	7.4%	8.3%	84.3%
2003	21.0%	13.8%	65.2%	2010	7.4%	7.0%	85.6%
2004	18.5%	13.5%	68.0%	2011	6.1%	7.9%	86%
2005	16.3%	12.8%	68.0%	2012	5.2%	7.4%	87.4%
2006	14.7%	8.6%	76.7%	2013	3.9%	8.3%	87.8%
2007	11.3%	9.1%	79.6%	2014	3.9%	7.4%	88.7%
2008	8.8%	8.3%	82.9%	2015	2.6%	7.4%	90%



**Defiance County Engineer  
 Annual Report  
 2015**

FROM THE DESK OF  
 WARREN J. SCHLATTER, P.E., P.S.



DEFIANCE—It is my privilege to present the Annual Report for the Office of the Defiance County Engineer for the year 2015.

I want to take this opportunity to thank the residents of Defiance County for the opportunity to serve you.

Our Highway Garage Staff replaced two county bridges and also did much of the support work for the roadside grading and widening work. There were a total of eleven culverts replaced this year. They continued with their various other duties as well (replacing berm, mowing, patching, sign replacement, roadside tree trimming and removal, snow & ice control/removal, etc.).

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

**Warren J. Schlatter**

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Harris Rd between Blanchard Road and SR 18 was widened and paved by Gerken Paving. The project began in August and was finished in September. The pavement was widened from 20' width to 24' width. Right of Way and grading had been done in previous years. The cost of this project was \$1,219,744.84 with funding from FHWA and OPWC.

This year there were several ditches regraded along Banner School Rd from Evansport Rd to SR 66. Other ditches that were regraded are: Krouse Rd, Stever Rd, Powers Rd and Buckskin Rd.

Our administrative staff manages the overall office functions and budget of the Engineer's Office. They also help with the designing, engineering and overseeing of all aspects of the construction projects. With their diligence, we were able to obtain \$1,108,614.21 in federal and state grants for this year's projects as well.

Bridge Sufficiency Ratings 4

**2015 BRIDGE WORK AND MAJOR ROAD WORK**

2015 Road Reconstruction	
Location	Cost
Harris Rd btw Bowman Rd and Blanchard Rd	\$240,113.33
Harris Rd btw Blanchard Rd and SR 18	\$979,631.51

2015 Bridge Replacement	
Location	Cost
Hoffman E. of Hill Rd	\$78,458.30
Openlander S of Jericho Rd	\$99,811.61

2015 ACTUAL INCOME & EXPENSES

<u>2015 Revenue</u>		<u>Disbursements</u>	
Permissive Tax	446,435	Salaries	1,134,237
Motor Vehicle License Tax	1,616,601	Benefits	580,466
Motor Vehicle Fuel Tax	2,356,713	Materials & Supplies	892,093
Court Fines	17,130	Equipment	169,107
Sales (Maps, Prints, etc.)	1,402	Contracted Repairs	63,098
Other	77,479	Office Expenses	1,030
Reimbursements	12,803	Other Expenses	35,033
Interest	294	Contracted Services	20,105
Transfers	4,999	Contracted Projects	1,113,815
State Reimbursements	5,678	Land Acquisition (right of way)	58,136
Note Proceeds	-	Note Payments	-
OPWC	324,909	Grants to Townships.	158,675
Federal Grants	783,705	Grant Matching Funds & FHWA	1,108,614
<b>Total Income</b>	<b>\$5,648,148</b>	<b>Total Expenditures</b>	<b>\$5,334,408</b>
Outstanding Encumbrances	59,431	Outstanding Encumbrances	52,652
2014 Carryover to 2015	901,827	2015 Carryover to 2016	1,222,345
<b>Total Disbursements</b>	<b>\$6,609,406</b>	<b>Total Disbursements</b>	<b>\$6,609,406</b>

SNOW & ICE CONTROL

Snow & Ice Control costs were some what lower during November 1, 2014 through March 1, 2015 season.

Below is a comparison of the last 3 seasons.

	2012-13	2013-14	2014-2015
Labor	\$28,293.65	\$84,556.27	\$55,220.98
Overtime	\$12,873.17	\$71,865.84	\$36,024.09
Equipment	\$81,681.91	\$248,114.73	\$163,329.99
Material	\$32,688.45	\$29,361.82	\$40,385.27
<b>Total Seasonal Cost</b>	<b>\$155,537.18</b>	<b>\$433,898.66</b>	<b>\$294,960.41</b>

2015 SIGN REPLACEMENTS

Type of Sign	Quantity
Stop Sign	7
Stop Ahead	3
Warning	14
Road Name	16
Other Regulatory	5
<b>Total</b>	<b>45</b>

Reason	Quantity
Accident	7
Vandalism	0
Stolen	20
Normal wear (Faded, cracked, upgrade, etc.)	18
<b>Total</b>	<b>45</b>

2015 ROAD RESURFACING PROGRAM

**RESURFACING:**

**County:**

Rosedale Rd	0.85 miles
Blosser Rd	2.65 miles
Whetstone Rd	1.5 miles
Harris Rd	0.87 miles
Harris Rd	3.90 miles
8,955.53 tons of asphalt applied	

**Townships**

1 Township	0.5mile
539.26 tons of asphalt applied	
<b>Total Cost:</b>	<b>\$818,798.77</b>

2015 PATCHING & REPAIR

1,033.46 tons of asphalt were used this year to patch and repair county roadways at a cost of \$132,326.42.

1,582.84 tons of asphalt were used to patch and repair township roadways in the following townships: Adams, Defiance, Hicksville, Highland, Mark, Milford, Noble, Tiffin, Richland, and Washington. The cost to the townships was \$206,270.68.

2015 CRACK SEALING

42,438 pounds of crack sealing material were applied to 21.57 miles of county roadways at a cost of \$43,923.33.

21.15 miles of township roadways were sealed using 46,594 pounds of crack sealing material under the supervision of the County Engineer's Office. The cost for township crack sealing was \$48,224.80.

2015 CHIP SEALING

4,942 tons of stone and 125,634 gallons of liquid asphalt were applied to 36.86 miles of county roadways during this year's chip sealing program. This year's cost was \$380,154.03.

72.36 miles of township roads were chip sealed using 9,544 tons of stone and 256,913 gallons of liquid asphalt at a cost of \$737,887.78. All the townships participated this year except one.

2015 PAVEMENT MARKING PROGRAM

1,635 gallons of paint were applied to county and township roads during the 2015 Pavement Marking Program at a total cost of \$89,668.22. The markings included:

Type	County	Township
Centerline	41.58 Mi.	17.05 Mi.
Edge Line	79.86 Mi.	5.75 Mi.
Stop Lines	44	2
Railroad	6	0
School Zones	3	2

2015 PERMITS

Driveway	30
Utility Occupancy	11
Excavation	0
Ditch Enclosure	2
Storm water/Sanitary Discharge	1
Special Hauling	14
R/W Occupancy	1
<b>TOTAL</b>	<b>59</b>

2015 Vegetation Control

The west half of the county was sprayed for vegetation control in 2015.

33,800 gallons were applied at a cost of \$23,795.20.

Hicksville and Noble township participated this year.

2015 Right of Way Acquisition

Additional right of way is purchased for many new projects. This year's acquisitions included:

- 0 Temporary easements
- 10 Permanent parcels totaling 6.273 acres
- Total cost: \$40,324.00