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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
1999	27.3%	13.3%	59.4%	2006	14.7%	8.6%	76.7%
2000	27.7%	13.9%	58.4%	2007	11.3%	9.1%	79.6%
2001	27.1%	16.2%	57.7%	2008	8.8%	8.3%	82.9%
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%



Defiance County Engineer Annual Report 2012

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



INSIDE THIS ISSUE:

DEFIANCE—It is my privilege to present the Annual Report for the Office of the Defiance County Engineer for the year 2012.

Our Highway Garage Staff replaced two county bridges and did much of the support work for the roadside grading and widening work. There were a total of 32 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.).

was bid. The award went to Helms & Sons Excavating, Inc out of Findlay, OH. This project will require moving a ditch and widening a road for approximately 2.5 miles. The project will start in the Spring of 2013.

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 \$1,250,349 in federal and state grants for this year's projects as well.

2012 Budget 2

Snow/Ice Control 2

Sign Replacement 2

Resurfacing/Pavement Program 3

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Bridge Sufficiency Ratings 4

This year we widened Glenburg Rd between Scott Rd and Defiance Williams County Line Rd, Elliott Rd between Christy Rd and SR 66, and Krouse Rd between Powers Rd and CR 424. SR2/West High St was widened by Gerken Paving. The funding was provided by The Village of Hicksville. Our office did the design and engineering plans.

This year our crew did some off-site clean up work at the Garden Ridge Nursery. This is to serve as mitigation work for the Defiance Ayersville Pleasant Bend Road Project.

This Fall the Defiance Ayersville Pleasant Bend Road

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

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

Warren J. Schlatter

2012 BRIDGE WORK AND MAJOR ROAD WORK

2012 Road Reconstruction	
Location	Cost
Elliott Rd btw. Christy Rd and SR 66	\$288,733
Glenburg Rd btw. Scott Rd & Defiance Williams County Line Rd	\$112,367
Krouse Rd btw. Powers Rd and CR 424	\$334,897.31
SR 2/West High St.	\$214,969.21

2012 Bridge Replacement	
Location	Cost
Mulligans Bluff Rd N. of Mud Creek Road	\$435,528.43
The Bend Rd N. of Mud Creek Road	\$581,305
Platter Creek Rd S. of Jericho Road	\$85,222
Bostater Rd W. of Flickinger Rd	\$87,956.58

2012 ACTUAL INCOME & EXPENSES

<u>2012 Revenue</u>		<u>Disbursements</u>	
Permissive Tax	428,752	Salaries	1,132,478
Motor Vehicle License Tax	1,376,701	Benefits	520,166
Motor Vehicle Fuel Tax	2,290,681	Materials & Supplies	885,584
Court Fines	22,260	Equipment	201,857
Sales (Maps, Prints, etc.)	114	Contracted Repairs	89,817
Other	82,051	Office Expenses	5,267
Reimbursements	26,198	Other Expenses	29,741
Interest	4,324	Contracted Services	30,488
Transfers	13,174	Contracted Projects	785,772
State Reimbursements	2,617	Land Acquisition (right of way)	98,890
Note Proceeds	-	Note Payments	-
OPWC	379,773	Grants to Townships.	101,288
Federal Grants	870,576	Grant Matching Funds & FHWA	1,250,349
Total Income	\$5,497,221	Total Expenditures	\$5,101,700
Outstanding Encumbrances	33,946	Outstanding Encumbrances	723,384
2009 Carryover to 2010	1,085,696	2010 Carryover to 2011	791,779
Total Disbursements	\$6,616,863	Total Disbursements	\$6,616,863

SNOW & ICE CONTROL

Snow & Ice Control costs were significantly higher during the November 1, 2011 through March 1, 2012 season.

Below is a comparison of the last 3 seasons.

	2010-11	2011-12	2012-13
Labor	\$63,175.36	\$65,675.58	\$12,586.58
Overtime	\$27,030.13	\$37,117.60	\$11,233.50
Equipment	\$164,023.45	\$169,421.13	\$44,667.04
Material	\$49,437.30	\$59,277.42	\$16,135.38
Total Seasonal Cost	\$303,666.24	\$331,491.73	\$84,622.50

2012 SIGN REPLACEMENTS

Type of Sign	Quantity
Stop Sign	41
Stop Ahead	9
Warning	32
Road Name	32
Other Regulatory	61
Total	175

Reason	Quantity
Accident	5
Vandalism	17
Stolen	41
Normal wear (Faded, cracked, upgrade, etc.)	112
Total	175

2012 ROAD RESURFACING PROGRAM

RESURFACING:

County:

Glenburg Rd 1 mile
 Elliott Rd 1 mile
 2,235.5 tons of asphalt applied

Townships

3 Townships 3.478miles
 2,766.08 tons of asphalt applied

Total Cost: \$582,360.80

2012 PATCHING & REPAIR

848.21 tons of asphalt were used this year to patch and repair county roadways at a cost of \$106,164.44.

1,505.78 tons of asphalt were used to patch and repair township roadways in the following townships: Adams, Defiance, Hicksville, Highland, Mark, Noble, Tiffin, Richland, and Washington. The cost to the townships was \$188,285.32.

2012 CRACK SEALING

32,844 pounds of crack sealing material were applied to 12.60 miles of county roadways at a cost of \$43,246.22.

24.51 miles of township roadways were sealed using 54,667 pounds of crack sealing material under the supervision of the County Engineer's Office. The cost for township crack sealing was \$39,967.06.

2012 CHIP SEALING

5,252.48 tons of stone and 143,300 gallons of liquid asphalt were applied to 42.86 miles of county roadways during this year's chip sealing program. This year's cost was \$409,741.10.

70.35 miles of township roads were chip sealed using 6,264.17 tons of stone and 229,785 gallons of liquid asphalt at a cost of \$633,056.73. All the townships participated this year.

2012 PAVEMENT MARKING PROGRAM

2,456 gallons of paint were applied to county and township roads during the 2012 Pavement Marking Program at a total cost of \$98,530.23. The markings included:

Type	County	Township
Centerline	46.71 Mi.	13.32 Mi.
Edge Line	84.41 Mi.	6.89 Mi.
Stop Lines	37	0
Railroad	3	2
School Zones	4	0

2012 PERMITS

Driveway	43
Utility Occupancy	13
Excavation	0
Ditch Enclosure	3
Storm water/Sanitary Discharge	1
Special Hauling	9
R/W Occupancy	5
TOTAL	74

2012 Vegetation Control

The east half of the county was sprayed for vegetation control in 2012. 40,000 gallons were applied at a cost of \$28,160.00. Highland and Tiffin township participated this year.

2012 Right of Way Acquisition

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

1 Temporary easements totaling 0.022 acres
 47 Permanent parcels totaling 19.797 acres

Total cost: \$98,890.41