

Erie County Engineer's Office 2016 ANNUAL REPORT



Cover photo: completed realignment of Boos Road in Huron Township.
Inset photo: Boos Road prior to realignment.

**OFFICE OF
ERIE COUNTY ENGINEER**
2700 COLUMBUS AVENUE
SANDUSKY OHIO 44870

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COUNTY ENGINEER

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February 2, 2017

Erie County Commissioners
2900 Columbus Avenue
Sandusky, Ohio 44870

Dear Commissioners:

Submitted herein is the Erie County Engineer's Annual Report for 2016 encompassing county highways, bridges, drainage, ditch maintenance and tax mapping. Hi-lites of the work completed throughout Erie County last year are as follows:

- We continue to maintain our county highway systems, within budget, in keeping with the demands placed upon them. In 2016, approximately 8.32 miles of our county and township roads were resurfaced and 36.15 miles were seal coated. Additionally, 547.12 miles of roadway striping was completed throughout the county as we persist in our efforts to have the safest possible roadway systems by clearly defining them. Also, our roads' rights-of-way were mowed three times during the year to maximize visibility at our intersections and beyond, while minimizing conflicts with wildlife and drifting snow.
- Asphalt resurfacing was completed by Erie Blacktop, Inc. on 97,450 s.y. (7.18 miles) of county roads at a total cost of \$1,026,792.
- Chip sealed 177,173 s.y. (12.44 miles) of county roads at a total cost of \$225,201.
- Contracted approximately 16,990 s.y. (1.12 miles) of asphalt resurfacing on Campbell Street to Gerken Paving, Inc., Napoleon, Ohio at a cost of \$275,006.
- Contracted approximately 20,497 s.y. of microsurfacing Campbell Street and Portland Road to Strawser Construction under state contract at \$55,732.
- Reconstructed berm and placed storm sewers on Bardshar Road. Contract performed by Cash Services, LLC, Milbury, Ohio at \$390,274 (\$40,000 claim outstanding).
- Completed asphalt paving of approximately 0.64 miles on Joppa and Patten Tract Roads turnpike overpasses. This work was completed by Erie Blacktop, Inc. at a final cost of \$169,769.
- Milling repairs and resurfacing were made to the Mason Road Bridge B-314 in Berlin Township at a total cost of \$13,019. Repairs were made in milling, waterproofing and placing new asphalt pavement on Bogart Road Structure Ma-222 in Margaretta Township for a total cost of \$11,347. Both projects were completed by Erie Blacktop, Inc.
- ODOT replaced Bogart Road Structure P-214 at no cost to Erie County.

- Finalized signals on Perkins Avenue with the City of Sandusky at a final cost of \$10,930 for 2016. Project finalized @ \$1,028,185 with both the City and County each picking up 10% of this Federally Funded Project.
- Berlin Township completed 35,455 s.y. (3.24 miles) of various roads were chip sealed at a total cost of \$43,184. Completed guardrail replacement on Turnpike Overpasses on Wikel Road, Chapin Road and Frailey Road using Turnpike Mitigation Grant Money at a contract cost of \$158,751. Also completed Humm Road Guardrail Replacement in Berlin Township for a final amount of \$22,997. The Chapin Road Overpass Resurfacing in Berlin Township was also finalized in the amount of \$122,003. The contract for both was completed by Erie Blacktop, Inc.
- Florence Township chip seal work was completed on 31,922 s.y. (2.80 miles) of various roads throughout the township at a total cost of \$39,493.
- Huron Township completed chip seal work throughout the township on 103,776 s.y. (8.29 miles) of various roads at a cost of \$130,800. Contracted utility relocations on Bogart Road to NORW @ \$33,219 and First Energy @ \$68,200. Contracted the right-of-way acquisitions to West Erie Realty @ \$22,060 and additionally paid \$39,991 to property owners and appraisal services to OR Colan @ \$3,030. Replaced Boos Road Structure H-435 and realigned roadway. Contract awarded to Schalk Brothers, Tiffin, Ohio and paid for by the township at a final cost of \$902,140. Erie Blacktop, Inc. completed approximately 0.20 miles of resurfacing on Fox Road, US 250 west to township line, with additional paving repairs completed on Galloway, Camp and Boos Roads at a final cost of \$51,329.
- Milan Township chip seal work was completed on 42,643 s.y. (3.74 miles) of various roads throughout the township at a final cost of \$51,842.
- Oxford Township chip seal work was completed on 6,568 s.y. (0.56 miles) of various roads throughout the township at a final cost of \$10,335.
- Perkins Township reconstruction Boston Road at a final cost of \$659,113.89. Contracted sidewalks on Didion Drive to Smith Paving, Norwalk and additionally Safe Routes to School to K.F. Construction, Clyde at a total cost of \$39,746 and \$475,000 respectively. These were both 100% Federal Funded Projects.
- Vermilion Township chip seal work was completed on 56,755 s.y. (5.08 miles) of various roads throughout the township at a final cost of \$70,455.
- Design work continues for various bridges, road resurfacing, chip seal and drainage projects to be constructed in 2017. We remain committed to pursuing grant funding whenever possible for these projects.
- Bridge inspections were completed on December 22, 2016 and the final reports are currently being prepared for submittal to the county commissioners.
- Crack sealing was completed on approximately 21.01 center lane miles of various county roads.
- Wedge coated approximately 2.00 lane miles of county and 8.68 lane miles of township roads.

- The total numbers of drainage systems currently under ditch maintenance is 123 plus the 3 joint county ditches maintained by Sandusky County remaining at a total of 126.
- 9 residential, government and commercial site plans were reviewed for compliance with our county Stormwater/Erosion Control regulations.
- Installed 812' of 6" pipe, 7 catch basins and 7 yard basin on River Road in Milan Township.
- Two (2) Speed study was completed on county roads. One study on Patten Tract Road, which showed no change, and the second study on Wahl Road near White's Landing with a change to lower the speed limit in sections from 45 mph to 35 mph. Conducted six (6) traffic volume studies. Many of these volume studies were to determine traffic volumes for various proposed township and county projects. Traffic counts allow appropriate design criteria, such as signal timing, lane and shoulder width, and pavement thickness, to be accurately determined and designed.
- Salt bids were received in 2016 for the 2017 calendar year. Detroit Salt was awarded the contract with a price of \$40.22/ton delivered.
- Tax Map department has processed 2,988 parcel transfers through December 31, 2016, 133 up from 2,855 in 2015.
- Completed 80 split reviews.

The county engineer's staff and field supervision strive to achieve high, yet achievable goals. In spite of the commissioners taking prudent and responsible measures to increase our revenues with a permissive license plate fee increase (thank you so much), we continue to be faced with financial challenges. Sinking MVGT revenue, resulting from losses of grant funding because our bridges are now in too good a condition to qualify, continues to take its toll on our working capital. We still remain focused and committed to maximizing our accomplishments within our available financial resources while serving our citizens professionally and responsibly.

This summarizes the major contributions of the Erie County Engineers to the citizens of Erie County that were accomplished during 2016.

Sincerely,



John D. Farschman, P.E., P.S.
Erie County Engineer

JDF/ceg

Xc Master File

ERIE COUNTY
ENGINEER'S OFFICE
2016
ANNUAL REPORT
FOR
HIGHWAY DEPARTMENT
BRIDGE MAINTENANCE
DITCH MAINTENANCE
TAX MAP OFFICE

2015

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**2016 SUMMARY - REVENUE & DISBURSEMENTS
K00 ACCOUNT**

(Cash Flow)

Balance as of January 1, 2016	\$ 1,262,888.48
2016 Income to Budget Total	<u>\$ 5,536,512.18</u>
Total Revenue for 2016	\$ 6,799,400.66
Total Monthly Disbursements 201	<u>\$ 5,321,865.66</u>
Balance as of December 31, 2016	\$ 1,477,535.00
Carryovers as of February 1, 2017	<u>\$ (228,417.26)</u>
Unappropriated Balance	\$ 1,249,117.74

* **Note:** Our balance as of December 2016 is a cash figure from January 1, 2016 through December 31, 2016.

2016 SUMMARY

DATE	ITEMS	CREDITS +	DEBITS -	BALANCE
12/31/15	Total Brought Forward	(per financial statement 12/31/15)		1,262,888.48
01/05/16	Fine	591.96	0.00	1,263,480.44
01/06/16	Pay In	2,544.00	0.00	1,266,024.44
01/13/16	Pay In	435.00	0.00	1,266,459.44
01/13/16	Intercompany Transter	1,140.00	0.00	1,267,599.44
01/14/16	Fine	4,607.68	0.00	1,272,207.12
01/15/16	Intercompany Transfer	243.55	0.00	1,272,450.67
01/16/16	Auto Registration	148,115.47	0.00	1,420,566.14
01/16/16	Permissive Tax	34,751.59	0.00	1,455,317.73
01/21/16	Pay In	2,373.00	0.00	1,457,690.73
01/27/16	Pay In	908.20	0.00	1,458,598.93
01/27/16	Gas Tax 2/16	125,124.17	0.00	1,583,723.10
01/27/16	Add'l Gas Tax 1/16	60,005.91	0.00	1,643,729.01
01/31/16	Disbursement	0.00	345,290.42	1,298,438.59
02/02/16	Fine	283.16	0.00	1,298,721.75
02/04/16	Depository Interest	393.73	0.00	1,299,115.48
02/05/16	Pay In	181,307.25	0.00	1,480,422.73
02/09/16	Pay In	93,049.26	0.00	1,573,471.99
02/09/16	Intercompany Transfer	887.00	0.00	1,574,358.99
02/09/16	Fine	3,424.13	0.00	1,577,783.12
02/16/16	Intercompany Transfer	266.85	0.00	1,578,049.97
02/17/16	Pay In	313.00	0.00	1,578,362.97
02/23/16	Pay In	301.73	0.00	1,578,664.70
02/24/16	Auto Registration	200,606.70	0.00	1,779,271.40
02/24/16	Permissive Tax	39,271.74	0.00	1,818,543.14
02/25/16	Gas Tax 3/16	125,893.27	0.00	1,944,436.41
02/25/16	Gas Tax Add'l 2/16	65,483.87	0.00	2,009,920.28
02/26/16	Pay In	141.81	0.00	2,010,062.09
02/29/16	Disbursement	0.00	213,474.89	1,796,587.20
03/01/16	Pay In	160.55	0.00	1,796,747.75
03/02/16	Fines	195.06	0.00	1,796,942.81
03/05/16	Depository Interest	744.66	0.00	1,797,687.47
03/07/16	Pay In	310.00	0.00	1,797,997.47
03/07/16	Intercompany Transfer	2,400.00	0.00	1,800,397.47
03/15/16	Gas Tax Add'l 3/16	65,393.16	0.00	1,865,790.63
03/16/16	Pay In	606.50	0.00	1,866,397.13
03/17/16	Fines	9,102.62	0.00	1,875,499.75
03/18/16	Intercompany Transfer	252.15	0.00	1,875,751.90
03/21/16	Pay In	405.75	0.00	1,876,157.65
03/25/16	Auto Registration	230,731.32	0.00	2,106,888.97
03/25/16	Permissive Tax	38,240.81	0.00	2,145,129.78
03/29/16	Pay In	1,023.00	0.00	2,146,152.78
03/31/16	Disbursement	0.00	223,309.19	1,922,843.59
04/01/16	Gas Tax	124,595.44	0.00	2,047,439.03
04/02/16	Depository Interest	1,293.28	0.00	2,048,732.31
04/04/16	Fines	330.04	0.00	2,049,062.35
04/05/16	Pay In	1,068.50	0.00	2,050,130.85
04/05/16	Gov Deals	7,261.00	0.00	2,057,391.85
04/07/16	Pay In	826.30	0.00	2,058,218.15
04/11/16	Pay In	199.40	0.00	2,058,417.55
04/12/16	Pay In	2,612.95	0.00	2,061,030.50
04/15/16	Auto Registration	179,675.58	0.00	2,240,706.08
04/15/16	Permissive Tax	40,622.74	0.00	2,281,328.82
04/18/16	Gas Tax Add'l 4/16	54,703.45	0.00	2,336,032.27

04/19/16	Pay In	471.10	0.00	2,336,503.37
04/21/16	Pay In	30.00	0.00	2,336,533.37
04/21/16	Intercompany Transfer	154.84	0.00	2,336,688.21
04/22/16	Fine	1,823.00	0.00	2,338,511.21
04/25/16	Pay In	182.00	0.00	2,338,693.21
04/27/16	Pay In	100.00	0.00	2,338,793.21
04/28/16	Gas Tax 5/16	120,255.48	0.00	2,459,048.69
04/30/16	Disbursement	0.00	216,124.92	2,242,923.77
04/30/16	Mason Rd F-312 payment	0.00	200,000.00	2,042,923.77
05/02/16	Depository Interest	1,516.06	0.00	2,044,439.83
05/03/16	Pay In	1,018.34	0.00	2,045,458.17
05/03/16	Fines	198.16	0.00	2,045,656.33
05/05/16	Pay In	147.55	0.00	2,045,803.88
05/09/16	Gov Deals	759.00	0.00	2,046,562.88
05/10/16	Pay In	150.00	0.00	2,046,712.88
05/12/16	Pay In	85.00	0.00	2,046,797.88
05/16/16	Gas Tax Addtl 5/16	66,995.01	0.00	2,113,792.89
05/17/16	Pay In	393.88	0.00	2,114,186.77
05/19/16	Pay In	80.00	0.00	2,114,266.77
05/24/16	Pay In	100.00	0.00	2,114,366.77
05/24/16	Fines	4,781.19	0.00	2,119,147.96
05/26/16	Gas Tax 6/16	127,677.34	0.00	2,246,825.30
05/26/16	Auto Registration	179,916.05	0.00	2,426,741.35
05/26/16	Permissive Tax	36,533.00	0.00	2,463,274.35
05/27/16	Intercompany Transfer	160.26	0.00	2,463,434.61
05/31/16	Disbursement	0.00	254,868.10	2,208,566.51
06/01/16	Pay In	3,464.05	0.00	2,212,030.56
06/02/16	Pay In	260.00	0.00	2,212,290.56
06/02/16	Fines	127.52	0.00	2,212,418.08
06/06/16	Pay In	568.00	0.00	2,212,986.08
06/09/16	Pay In	45.00	0.00	2,213,031.08
06/13/16	Pay In	36.00	0.00	2,213,067.08
06/14/16	Auto Registration	197,115.48	0.00	2,410,182.56
06/14/16	Permissive Tax	40,274.13	0.00	2,450,456.69
06/16/16	Pay In	3,778.09	0.00	2,454,234.78
06/23/16	Gas Tax Addtl 6/16	69,840.04	0.00	2,524,074.82
06/24/16	Gas Tax 7/16	129,354.53	0.00	2,653,429.35
06/28/16	Pay In	163.00	0.00	2,653,592.35
06/28/16	Fines	7,199.24	0.00	2,660,791.59
06/30/16	Pay In	175.00	0.00	2,660,966.59
06/30/16	Disbursement	0.00	445,760.75	2,215,205.84
07/01/16	Depository Interest	3,071.83	0.00	2,218,277.67
07/05/16	Fines	134.40	0.00	2,218,412.07
07/07/16	Pay In	181.00	0.00	2,218,593.07
07/11/16	Pay In	483.00	0.00	2,219,076.07
07/12/16	Intercompany Transfer	9,100.00	0.00	2,228,176.07
07/15/16	Gas Tax Addtl 7/16	62,091.57	0.00	2,290,267.64
07/19/16	Pay In	369.50	0.00	2,290,637.14
07/22/16	Intercompany Transfer	189.92	0.00	2,290,827.06
07/25/16	Auto Registration	177,422.94	0.00	2,468,250.00
07/25/16	Permissive Tax	39,009.11	0.00	2,507,259.11
07/26/16	Pay In	2,322.89	0.00	2,509,582.00
07/26/16	Gas Tax 8/16	127,497.58	0.00	2,637,079.58
07/27/16	Pay In	740.00	0.00	2,637,819.58
07/28/16	Fines	2,811.25	0.00	2,640,630.83
07/31/16	Disbursement	0.00	481,424.53	2,159,206.30
08/01/16	Pay In	279.50	0.00	2,159,485.80
08/02/16	Fines	188.76	0.00	2,159,674.56

08/02/16	Intercompany Transfer	3,200.00	0.00	2,162,874.56
08/02/16	Depository Interest	422.89	0.00	2,163,297.45
08/09/16	Pay In	300.00	0.00	2,163,597.45
08/15/16	Pay In	355.46	0.00	2,163,952.91
08/16/16	Auto Registration	181,254.69	0.00	2,345,207.60
08/16/16	Permissive Tax	37,387.58	0.00	2,382,595.18
08/17/16	Gas Tax Addt'l 8/16	70,514.71	0.00	2,453,109.89
08/22/16	Pay In	296.50	0.00	2,453,406.39
08/23/16	Pay In	151,000.69	0.00	2,604,407.08
08/26/16	Pay In	351.53	0.00	2,604,758.61
08/29/16	Gas Tax 9/16	130,323.52	0.00	2,735,082.13
08/29/16	Fines	4,918.15	0.00	2,740,000.28
08/31/16	Intercompany Transfer	1,500.00	0.00	2,741,500.28
08/31/16	Disbursement	0.00	846,636.64	1,894,863.64
09/01/16	Depository Interest	946.37	0.00	1,895,810.01
09/02/16	Fine	439.04	0.00	1,896,249.05
09/07/16	Pay In	717.00	0.00	1,896,966.05
09/12/16	Pay In	113.45	0.00	1,897,079.50
09/17/16	Auto Registration	166,207.96	0.00	2,063,287.46
09/17/16	Permissive Tax	39,229.63	0.00	2,102,517.09
09/19/16	Pay In	249.25	0.00	2,102,766.34
09/19/16	Gas Tax Addt'l 9/16	74,650.25	0.00	2,177,416.59
09/26/16	Pay In	304.75	0.00	2,177,721.34
09/27/16	Gov Deals	4,950.00	0.00	2,182,671.34
09/28/16	Gas Tax 10/16	133,619.16	0.00	2,316,290.50
09/28/16	Fines	5,782.55	0.00	2,322,073.05
09/30/16	Disbursement	0.00	370,905.38	1,951,167.67
10/04/16	Pay In	321.50	0.00	1,951,489.17
10/04/16	Fines	207.90	0.00	1,951,697.07
10/04/16	Gov Deals	526.00	0.00	1,952,223.07
10/06/16	Pay In	113.00	0.00	1,952,336.07
10/11/16	Intercompany Transfer	96.00	0.00	1,952,432.07
10/12/16	Pay In	507.76	0.00	1,952,939.83
10/17/16	Gas Tax Addt'l 10/16	67,517.66	0.00	2,020,457.49
10/18/16	Pay In	433.00	0.00	2,020,890.49
10/18/16	Pay In	4,662.19	0.00	2,025,552.68
10/21/16	Intercompany Transfer	326.21	0.00	2,025,878.89
10/22/16	Auto Registration	152,599.61	0.00	2,178,478.50
10/22/16	Permissive Tax	35,495.08	0.00	2,213,973.58
10/25/16	Pay In	235.03	0.00	2,214,208.61
10/27/16	Gas Tax 11/16	131,739.53	0.00	2,345,948.14
10/31/16	Disbursement	0.00	831,999.23	1,513,948.91
11/02/16	Depository Interest	2,708.37	0.00	1,516,657.28
11/02/16	Fines	425.30	0.00	1,517,082.58
11/04/16	Pay In	347.30	0.00	1,517,429.88
11/08/16	Pay In	1,125.72	0.00	1,518,555.60
11/15/16	Pay In	242.15	0.00	1,518,797.75
11/18/16	Gas Tax Addt'l 11/16	70,087.97	0.00	1,588,885.72
11/18/16	Auto Registration	209,373.67	0.00	1,798,259.39
11/18/16	Permissive Tax	36,893.21	0.00	1,835,152.60
11/21/16	Pay In	176.25	0.00	1,835,328.85
11/22/16	Fines	5,666.63	0.00	1,840,995.48
11/23/16	Intercompany Transfer	125.66	0.00	1,841,121.14
11/29/16	Gas Tax 12/16	130,714.14	0.00	1,971,835.28
11/01/31	Disbursement	0.00	273,346.59	1,698,488.69
12/01/16	Gas Tax 12/16	27.00	0.00	1,698,515.69
12/01/16	Pay In	389.00	0.00	1,698,904.69
12/01/16	Pay In	93.00	0.00	1,698,997.69

12/01/16	Depository Interest	1,486.02	0.00	1,700,483.71
12/02/16	Fines	298.16	0.00	1,700,781.87
12/05/16	Pay In	93.00	0.00	1,700,874.87
12/05/16	Pay In	855.38	0.00	1,701,730.25
12/05/17	Intercompany Transfer	205.16	0.00	1,701,935.41
12/12/16	Pay In	322.76	0.00	1,702,258.17
12/13/16	Pay In	5,579.86	0.00	1,707,838.03
12/14/16	Fines	3,160.88	0.00	1,710,998.91
12/15/16	Pay In	803.00	0.00	1,711,801.91
12/15/16	Gas Tax Addtl 12/16	72,634.23	0.00	1,784,436.14
12/15/16	Auto Registration	137,747.59	0.00	1,922,183.73
12/15/16	Permissive Tax	33,696.33	0.00	1,955,880.06
12/20/16	Pay In	5,621.42	0.00	1,961,501.48
12/22/16	Pay In	163.00	0.00	1,961,664.48
12/22/16	Pay In	555.00	0.00	1,962,219.48
12/27/16	Pay In	63.50	0.00	1,962,282.98
12/28/16	Pay In	1,375.00	0.00	1,963,657.98
12/28/16	Gas Tax 12/16	131,876.76	0.00	2,095,534.74
12/29/16	Pay In	45.00	0.00	2,095,579.74
12/30/16	Depository Interest	680.28	0.00	2,096,260.02
12/31/16	Disbursement	0.00	618,725.02	1,477,535.00
Total		5,536,512.18	5,321,865.66	1,477,535.00

2016 SUMMARY - REVENUE & DISBURSEMENTS
Township Resurfacing Account
(Cash Flow)

Total Revenue for 2016 (Up front deposits)	\$ 518,800.00
Total Surface Treatment & Striping Disbursements 2016	<u>\$ (432,103.53)</u>
Balance as of December 31, 2016	\$ 86,696.47
Return of Monies	\$ (86,696.47)
Balance as of December 31, 2016	\$ -

*** Note:** Our balance as of December 2016 is a cash figure from January 1, 2016 through December 31, 2016.

**2016 SUMMARY
TOWNSHIP DEPOSITS**

<u>DATE</u>	<u>ITEMS</u>	<u>CREDITS +</u>	<u>DEBITS -</u>	<u>BALANCE</u>
04/21/16	Berlin Township	61,000.00	0.00	61,000.00
04/25/16	Vermilion Township	96,000.00	0.00	157,000.00
04/25/16	Florence Township	53,000.00	0.00	210,000.00
05/03/16	Perkins Township	2,600.00	0.00	212,600.00
05/05/16	Huron Township	220,000.00	0.00	432,600.00
05/10/16	Groton Township	600.00	0.00	433,200.00
05/17/16	Margaretta Township	1,000.00	0.00	434,200.00
06/02/16	Milan Township	37,000.00	0.00	471,200.00
07/11/16	Oxford Township	11,600.00	0.00	482,800.00
08/22/16	Milan Township	36,000.00	0.00	518,800.00
	Township portion-resurfacing	0.00	51,329.33	467,470.67
	Township portion-seal coat	0.00	346,108.76	121,361.91
	Township portion-pvmt marking	0.00	34,665.44	86,696.47
	Berlin Township-deposit overage returned	0.00	16,813.74	69,882.73
	Florence Township-deposit overage returned	0.00	13,506.86	56,375.87
	Groton Township-deposit overage returned	0.00	31.24	56,344.63
	Huron Township-deposit overage returned	0.00	21,826.04	34,518.59
	Margaretta Township-deposit overage returned	0.00	180.13	34,338.46
	Milan Township-deposit overage returned	0.00	10,668.85	23,669.61
	Oxford Township-deposit overage returned	0.00	290.64	23,378.97
	Perkins Township-deposit overage returned	0.00	202.14	23,176.83
	Vermilion Township-deposit overage returned	0.00	23,176.83	(0.00)
		518,800.00	518,800.00	(0.00)

[illegible]

[illegible]

**2016
SUMMARY OF
ACCOUNTS RECEIVABLE**

Total Amount Invoiced	\$ 555,642.46
Total Amount Received	<u>\$ 530,444.67</u>
Outstanding Balance Due as of 12/31/14	\$ (25,197.79)

04/06/16	Perkins Township	Deposit Road Program	\$ 2,600.00	05/03/16	\$ 2,600.00
11/30/16	Perkins Township	Refund from Deposit	\$ (202.14)	11/30/16	\$ (202.14)
04/06/16	Vermilion Township	Deposit Road Program	\$ 96,000.00	04/25/16	\$ 96,000.00
11/30/16	Vermilion Township	Refund from Deposit	\$ (23,176.83)	11/30/16	\$ (23,176.83)
12/22/16	Bliss, Suzanne	Reimb Accident	\$ 142.86		
08/15/16	Caskey, Matthew	Reimb Accident	\$ 76.92		
12/07/16	Dority, Jeffrey	Reimb Accident	\$ 2,175.10		
12/30/16	Novac, Kristian	Reimb Accident	\$ 111.32		
12/07/16	Popovic, Peter	Reimb Accident	\$ 129.26		
02/26/16	Simon, Tom	Reimb Accident	\$ 2,161.39	07/21/16	\$ 2,161.39
10/03/16	Yunn, Gerald	Reimb Accident	\$ 269.51	10/12/16	\$ 269.51
Totals			\$ 555,642.46		\$ 530,444.67
Outstanding A/R Balance					\$ (25,197.79)

Projects Bid, Contracts Awarded, and Paid in 2016 (Expenditures)

Contractor / Consultant	Projects	Initial Contract Amount	Change Orders / Revised Auditor Cert.	Liquidated Damages / Fines	Current Contract Amount	Payments To Date	Outstanding Balance
Thompson Interstate Mowing	Mowing Various Roads	\$ 33,603.21	\$ -	\$ -	\$ 33,603.21	\$ 33,603.21 (F)	\$ -
Erie Blacktop, Inc.	2016 Resurfacing Program Erie County, Ohio	\$ 1,026,118.58	\$ 52,153.12	\$ (150.00)	\$ 1,078,121.70	\$ 1,078,121.70 (F)	\$ -
Erie Blacktop, Inc.	Improving by Placing Seal Coat on Various Roads in Erie County, Ohio (2016)	\$ 576,360.66	\$ (4,876.40)	\$ (175.00)	\$ 571,309.26	\$ 571,309.26 (F)	\$ -
Oglesby Construction, Inc.	2016 Pavement Marking on Various Roads in Erie County, Ohio	\$ 158,639.95	\$ (1,387.64)	\$ -	\$ 157,252.31	\$ 157,252.31 (F)	\$ -
Strawser Construction Inc.	2016 Microsurfacing Program	\$ 55,731.75	\$ 2,685.10	\$ -	\$ 58,416.85	\$ 58,416.85 (F)	\$ -
Schalk Brothers, Inc.	Thorpe Road Structure B-214 Replacement (Rebid)	\$ 320,108.75	\$ (1,956.50)	\$ -	\$ 318,152.25	\$ 318,152.25 (F)	\$ -
Buckeye Excavating & Const.	Plank Road Structure MI-411 Replacement	\$ 199,964.00	\$ 2,355.03	\$ -	\$ 202,319.03	\$ 202,319.03 (F)	\$ -
Miller Cable Company	ERI-Perkins Avenue Signals, PID No. 79275 (Erie County Portion) (revised auditor certificate)	\$ 82,200.00	\$ (46,987.12)	\$ -	\$ 35,212.88	\$ 35,212.88 (F)	\$ -
K.E. McCartney & Assoc.	ERI-Perkins Avenue Signals, PID No. 79275 - Inspection (Erie County Portion) (revised auditor certificate)	\$ 8,200.00	\$ (5,626.41)	\$ -	\$ 2,573.59	\$ 2,573.59 (F)	\$ -
Cash Services, Inc.	Bardshar Road Storm Sewer Improvements, OPWC Project No. CE37S	\$ 444,500.50	\$ -	\$ -	\$ 444,500.50	\$ 389,473.38	\$ 55,027.12
Gerken Paving, Inc.	Campbell Street Resurfacing, ERI-CR 110-3.41, PID No. 100012 in Perkins Township, (80/20 split)	\$ 275,005.80	\$ -	\$ -	\$ 275,005.80	\$ 253,445.07	\$ 21,560.73
Erie Blacktop, Inc.	ERI-VAR Turnpike Mitigation 2017, PID 101910 in Erie County (100% Federal)	\$ 314,356.50	\$ 412.03	\$ -	\$ 314,768.53	\$ 302,177.78	\$ 12,590.75
OR Colan Associates	ERI-CR 10-7.99 (Bogart Road Project) - Appraisal Services (80/20 split)	\$ 15,150.00	\$ (1,650.00)	\$ -	\$ 13,500.00	\$ 13,500.00 (F)	\$ -

Contractor / Consultant	Projects	Initial Contract Amount	Change Orders / Revised Auditor Cert.	Liquidated Damages / Fines	Current Contract Amount	Payments To Date	Outstanding Balance
West Erie Realty Solutions Ltd	ERI-CR 10-7.99 (Bogart Road Project) - Right of Way Cost Proposal (80/20 split)	\$ 110,300.00			\$ 110,300.00	\$ 106,849.00	\$ - 3,451.00
First Energy	ERI-CR 10-7.99 (Bogart Road Project) - Utility Contract #120000042834 (80/20 split)	\$ 68,200.00	\$ (43,151.02)		\$ 25,048.98	\$ 25,048.98 (F)	\$ -
NORW	ERI-CR 10-7.99 (Bogart Road Project) - Utility Contract - Water Main Relocation (80/20 split)	\$ 33,219.00	\$ (23,551.87)		\$ 9,667.13	\$ 9,667.13 (F)	\$ -
Columbia Gas of Ohio	ERI-CR 10-7.99 (Bogart Road Project) - Utility Contract - Gas Line Relocation (80/20 split)	\$ 61,411.00			\$ 61,411.00		\$ 61,411.00
Totals		\$ 3,783,069.70	\$ (71,581.68)	\$ (325.00)	\$ 3,711,163.02	\$ 3,557,122.42	\$ 154,040.60

SURVEY & FIELD WORK

The work performed by Dave Williams, our surveyor, and his crew, Amanda Buser and Mike Farrell encompasses, but is not necessarily limited to the following:

County and Township Roads, Bridge and Culvert work, Miscellaneous Drainage Projects and Property Locations for Easements. The Scope of Field Work includes: (1) Determination of centerline control (set monument boxes) (2) Topography (3) Cross Sections (4) Drainage, and further; construction layout consisting of: (1) Slope staking (2) Layout of structures (3) Setting grades and (4) Final quantity determinations. Also now collecting data countywide using GPS instruments.

Also, County and Township Road Resurfacing Projects and determination of total quantities completed.

Assist in Traffic Studies, pavement marking and signage.

Survey Office Work for the general public which consists of: (1) Researching Lot splits (2) Verification of closure of all Subdivision Plats and lots (3) Research the Right-Of-Way (4) and assist the Public when, and as necessary.

The Survey Department researches records for centerline; records fieldwork notes; and writes all easements for the County Engineer or other County Officials.

BRIDGE REPLACEMENTS

BRIDGE REPLACEMENT AND REHABILITATION WORK

Two bridges were replaced during the year 2016:

- **H-435** on Boos Road in Huron Township
- **P-214** on Bogart Road in Perkins Township

The following pages list project data and photographs for the above structures.

MINOR BRIDGE REPAIRS AND MAINTENANCE WORK

One bridge had minor repair or maintenance work completed:

- **Ma-222** on Bogart Road in Margaretta Township – replaced bridge deck waterproofing and asphalt concrete wearing course.

FUTURE BRIDGE REPLACEMENT SCHEDULE

A breakdown of proposed bridge replacement and rehabilitation projects is shown on the following Future Bridge Replacement and Rehabilitation Schedule. A description of each bridge, along with proposed funding sources, is listed on this schedule.

Most county-maintained bridges have an ODOT general appraisal bridge rating of 6 or higher. Erie County's bridge replacement strategy is to plan for replacing or comprehensively rehabilitating a bridge once its ODOT general appraisal rating is lowered to a 5. Minor rehabilitation or preventative maintenance work may be planned for bridges with an ODOT general appraisal rating that is a 6 or higher in order to preserve or raise the general appraisal rating.

In general, bridges rated 6 or higher do not need to be replaced, and have years of serviceable life remaining.

A portion of the replacement schedule now shows a "bridge work to be determined" category. It is impossible to accurately predict when exactly condition of a bridge will result in the rating changing from a 6 to a 5. It is the intent of the "to be determined" categories to simply reserve a portion of bridge funding to address these as-yet undetermined structures as the need arises, once their ODOT general appraisal ratings reach a 5.

Please note that information on the bridge replacement schedule is considered tentative until the completion of the 2016 Bridge Report.

Structure H-435 (Boos Road over Sawmill Creek)



PROJECT DATA

Bridge Type:

Location:

Span:

Construction Period:

Construction Cost:

Funding Type:

Box Beam Fabricator:

Contractor:

Non-Composite Prestressed Concrete Box Beam

Boos Road over Sawmill Creek in Huron Twp.

90'-0" center-to-center of bearings

February 2016 – August 2016

\$ 452,578 (bridge) - \$ 902,134.30 (total roadway realignment project)

100% Huron Township funds

Prestress Services, Inc.

Schalk Brothers Inc., of Tiffin, Ohio

Structure P-214 (Bogart Road over Plum Brook)



PROJECT DATA

Bridge Type:

Location:

Span:

Construction Period:

Construction Cost:

Funding Type:

Box Culvert Fabricator:

Contractor:

Precast Reinforced Concrete Box Culvert
Bogart Road over Plum Brook in Perkins Twp.
12'-0" clear span

March 2016 – May 2016

Included in \$14,263,715.76 ODOT US 250 Improvement Project

100% ODOT funds

Mack Industries, Inc.

Miller Brothers Construction, Inc., Archbold, Ohio

CONSTRUCTION YEAR	BRIDGE NO.	ROAD	STRUCTURE FILE NO.	YEAR BUILT/ MAJOR REPAIR	BRIDGE TYPE	TOTAL LENGTH	2016 BRIDGE APPRAISAL	2016 SUFFICIENCY RATING	FUNDING SOURCE	ESTIMATED REPLACEMENT COST (IN 2016 DOLLARS)	ESTIMATED REHABILITATION COST (IN 2016 DOLLARS)	NOTES
2017	F-309	Joppa Rd.	2230496	1931	231	36'	6	79.9%	MV>	\$520,000		Funding set-aside for replacement in 2017
2017	G-306	Strecker Rd.	2230259	1940	111	20'	7	84.5%	MV>		\$30,000	Slab rehab. (force account)
2017 Total:										\$550,000		

2018	F-312	Mason Rd.	2230224	1953	112	106'	5	67.2%	MV>	\$675,000		New prestressed box beam bridge
2018 Total:										\$675,000		

2019	H-416	Scheid Rd.	2230909	1972	195	12'	6	98.9%	MV>		\$15,000	Elliptical culvert extension (force account)
2019	Ma-516	Wahl Rd.	2230984	1938	395	19'	6	90.3%	MV>	\$325,000		New precast reinforced concrete box culvert
2019	O-111	Livengood Rd.	2231794	1963	195	14'	7	99.0%	MV>		\$15,000	Elliptical culvert extension (force account)
2019	Save remaining funding for 2020									MV>	\$245,000	
2019 Total:											\$600,000	

2020	G-211*	Billings Rd.	2230771	1975	231	62'	6	96.8%	MV>	\$375,000*		New prestressed box beam bridge
2020	V-305*	Poorman Rd.	2231352	1900/1977	231	41'	6	89.0%	MV>	\$440,000*		New prestressed box beam bridge
2020	P-209	Columbus Ave.	2231174	1887	595	48	6	82.5%	MV>+LBR/ Credit Bridge	\$1,825,000		New prestressed box beam bridge
2020 Total:										\$2,640,000		

* Tentative: future bridge work and replacements to be determined on an on-going basis as a result of annual bridge inspections

NOTES ON YEAR 2016 TRAFFIC STUDIES

- Completed a total of 8 traffic studies.
- Conducted two studies to change existing speed limits on county roads. One study on Patten Tract Road, from Mason Road to Pipe Creek, showed no change. The second study, on Wahl Road near White's landing, is expected to lower the speed limit in sections to 35 mph and 45 mph.
- Conducted a total of six traffic volume studies. Many of these volume studies were to determine traffic volumes for various proposed township and county projects, especially projects with Ohio Public Works or CDBG funding. Traffic counts allow appropriate design criteria, such as signal timing, lane and shoulder width, and pavement thickness, to be accurately determined and designed.

TRAFFIC STUDIES
performed by the
ERIE COUNTY ENGINEER'S OFFICE
2016

ROAD	FROM	TO	TOWNSHIP	PURPOSE	VOLUME	RESULTS & NOTES
SPEED ZONE STUDIES						
1 Wahi Road	Wilson Ave.	S. of White's Landing	Margaretta Oxford/Perkins	Speed Study	465	In progress
2 Patten Tract Road	Mason Road	Pipe Creek		Speed Study	2066	No change
TRAFFIC VOLUME STUDIES						
3 Bardshar Road	SR 101	N. Homegardner Rd.	Margaretta Perkins	Volume Study	1019	OPWC application
4 Columbus Ave.	Perkins Ave.	Strub Rd.		Volume Study	13152	OPWC application
5 Howard Drive	SR 101	Lakeside Park	Margaretta	Volume Study	816	OPWC application
6 McCartney Road	Venice Road	US 6	Margaretta	Volume Study	225	OPWC application
7 Strub Rd.	Columbus Ave.	US 250	Perkins	Volume Study	13100	OPWC application
8 Vickery Road	SR 101	County Line	Margaretta	Volume Study	782	OPWC application

ACCUMULATIVE SINCE INCEPTION STATE ISSUE
2 FUNDS INITIALLY APPROVED FOR
DISTRIBUTION POLITICAL ENTITY

ERIE COUNTY, DOES	\$ 8,737,902	21.2%
SANDUSKY, CITY	\$ 7,844,230	19.0%
ERIE COUNTY, ENG.	\$ 6,113,113	14.8%
PERKINS TWP	\$ 3,721,720	9.0%
VERMILION, CITY	\$ 3,445,539	8.4%
HURON, CITY	\$ 2,881,307	7.0%
MARGARETTA TWP	\$ 1,569,738	3.8%
KELLEYS ISLAND, VILLAGE	\$ 1,516,511	3.7%
MILAN VILLAGE	\$ 1,406,531	3.4%
HURON TWP	\$ 784,001	1.9%
VERMILION TWP	\$ 668,789	1.6%
GROTON TWP	\$ 542,998	1.3%
CASTALIA, VILLAGE	\$ 438,823	1.1%
BERLIN TWP	\$ 351,407	0.9%
BAY VIEW, VILLAGE	\$ 333,032	0.8%
FLORENCE TWP	\$ 319,459	0.8%
BERLIN HTS, VILLAGE	\$ 309,582	0.8%
OXFORD TWP	\$ 184,749	0.4%
MILAN TWP	\$ 71,387	0.2%
	<u>\$ 41,240,818</u>	<u>100.0%</u>

COMPARISON OF ACCUMULATIVE STATE ISSUE 2 FUNDS
APPROVED FOR DISTRIBUTION SINCE INCEPTION
TOWNSHIPS AND ERIE CO. HIGHWAY

TOWNSHIP	DOLLARS RECEIVED	MILES OF PAVEMENT	NUMBER OF BRIDGES
PERKINS TWP	\$3,721,720	46.086	
MARGARETTA TWP	\$1,569,738	37.809	
HURON TWP	\$784,001	25.957	
VERMILION TWP	\$668,789	21.432	
GROTON TWP	\$542,998	21.587	
BERLIN TWP	\$351,407	37.030	
FLORENCE TWP	\$319,459	29.429	
OXFORD TWP	\$184,749	23.162	
MILAN TWP	\$71,387	24.267	
TOTALS	\$8,214,248	229.729	

ERIE CO. HIGHWAY	\$6,113,113	139.979	138
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STATE ISSUE 2 DISTRIBUTION OF FUNDS

YEAR	PROJECT NO.	SUBDIVISION	DESCRIPTION	OPWC FUNDING
1991	CE216	ERIE COUNTY, DOES	WATER TANK	\$ 140,250
1992	CE303	ERIE COUNTY, DOES	PUMP STATION	\$ 62,500
1992	CE305	ERIE COUNTY, DOES	PUMP STATION	\$ 90,000
1993	CE338	ERIE COUNTY, DOES	WW PUMP STATION	\$ 70,000
1994	CE507	ERIE COUNTY, DOES	BOGART & SULFER BROOK SANITARY SEWER REPAIR	\$ 44,160
1994	CE703	ERIE COUNTY, DOES	HAYES AVE WATER MAIN REPLACEMENT	\$ 272,280
1994	CE723	ERIE COUNTY, DOES	PARKER ROAD WATERLINE REPLACEMENT	\$ 445,000
1995	CE814	ERIE COUNTY, DOES	CLEVELAND ROAD E. SEWER IMPROVEMENT	\$ 380,100
1996	CE006	ERIE COUNTY, DOES	RYE BEACH SANITARY SEWER IMPROVEMENT	\$ 89,390
1996	CE031	ERIE COUNTY, DOES	STONE RIDGE PUMP STATION REPLACEMENT	\$ 91,202
1996	CE034	ERIE COUNTY, DOES	WATER DISTRIBUTION IMPROVEMENTS	\$ 77,070
1996	CE834	ERIE COUNTY, DOES	WATER & SEWER PROJECTS CAPITALIZED INTEREST	\$ 82,573
1996	CE921	ERIE COUNTY, DOES	CLEVELAND RD. W. PUMP STA. & TRUNK SEWER REPL	\$ 87,648
1996	CE931	ERIE COUNTY, DOES	ERIE CO. SEWER DIST. WASTEWATER IMPROVEMENTS	\$ 42,784
1997	CE09A	ERIE COUNTY, DOES	ST. RT. 4 (HAYES AVENUE) WATERLINE REPLACEMENT	\$ 95,333
1997	CE26A	ERIE COUNTY, DOES	SULFUR BROOK/PIPE CREEK SIPHON IMPROVEMENTS	\$ 184,086
1999	CE14C	ERIE COUNTY, DOES	RUGGLES/MITTIWANGA SANITARY SEWER	\$ 250,000
1999	CE15C	ERIE COUNTY, DOES	RUGGLES/MITTIWANGA SANITARY SEWER	\$ 182,443
1999	CE31C	ERIE COUNTY, DOES	SOUTH COLUMBUS AVE/TAYLOR RD WATERLINE	\$ 189,715
2000	CE01D	ERIE COUNTY, DOES	MARSHALL AVENUE WATERLINE REPLACEMENT	\$ 250,000
2000	CE26D	ERIE COUNTY, DOES	COLUMBUS PARK SUBDIVISION SANITARY SEWER	\$ 250,540
2001	CE09E	ERIE COUNTY, DOES	2001 PERKINS TOWNSHIP SANITARY SEWER	\$ 320,000
2001	CE10E	ERIE COUNTY, DOES	2001 PERKINS TOWNSHIP SANITARY SEWER	\$ 172,981
2002	CE01F	ERIE COUNTY, DOES	FAIRVIEW LANES, ETC. SANITARY SEWER	\$ 324,999
2003	CE10G	ERIE COUNTY, DOES	A STREET, OLD HOMESTEAD, CHASKA BEACH SAN SEW	\$ 324,999
2004	CE33H	ERIE COUNTY, DOES	CREDIT ENHANCEMENT-COLS PARK, PERKINS TWP SEWE	\$ 128,763
2004	CE37H	ERIE COUNTY, DOES	CE - WATER DISTRICT B, CONTRACT ONE	\$ 175,000
2004	CE47H	ERIE COUNTY, DOES	HULL RD, FITZGERALD SUBD, BEACHWOOD COVE SEWER	\$ 124,076
2005	CE24I	ERIE COUNTY, DOES	CE-FAIRVIEW LANES ETC. SANITARY SEWERS	\$ 52,509
2005	CE29I	ERIE COUNTY, DOES	CE-WATER DISTRICT B - CONTRACT #2	\$ 275,000
2006	CE25J	ERIE COUNTY, DOES	A STREET SVC AREA SAN SEW-CREDIT ENHANCEMENT	\$ 118,746
2006	CE30J	ERIE COUNTY, DOES	WATER DIST. B CONTRACT 4-CREDIT ENHANCEMENT	\$ 28,500
2006	CE31J	ERIE COUNTY, DOES	WATER DIST. B CONTRACT 3- CREDIT ENHANCEMENT	\$ 275,000
2007	CE07K	ERIE COUNTY, DOES	CAMPBELL STREET WATERLINE NO. 99	\$ 325,000
2007	CE24K	ERIE COUNTY, DOES	SR4 & S. MAPLE AVENUE WATER TOWER - CE	\$ 161,504
2007	CE39K	ERIE COUNTY, DOES	WATER DISTRICT B NO.4 CREDIT ENHANCEMENT	\$ 81,895
2008	CE02L	ERIE COUNTY, DOES	CLEVELAND ROAD EAST (US 6) WATER MAIN	\$ 325,000
2008	CE23L	ERIE COUNTY, DOES	CAMPBELL STREET WATERLINE #99-CREDIT ENHANE	\$ 208,274
2009	CE30M	ERIE COUNTY, DOES	STATE ROUTE 101 WATER BOOSTER STATION	\$ 400,000
2009	CE43M	ERIE COUNTY, DOES	WASTEWATER TREATMENT PLANT PH2 CREDIT ENHANCE	\$ 400,000
2011	CE22O	ERIE COUNTY, DOES	TIFFIN AVENUE SANITARY SEWER	\$ 275,000
2012	CE14P	ERIE COUNTY, DOES	SR 60 WATER TOWER REPAIR	\$ 30,000
2013	CE26Q	ERIE COUNTY, DOES	CEDAR BROOK WATER TOWER CLEANING & PAINTING	\$ 150,000
2014	CE12R	ERIE COUNTY, DOES	2014 HURON SEWER REHABILITATION	\$ 233,582
2015	CE22S	ERIE COUNTY, DOES	SAWMILL CREEK WASTEWATER PLANT PRIMARY SCREEN	\$ 175,000
2016	CE05T	ERIE COUNTY, DOES	2016 SAWMILL CREEK TRUNK SEWER REHABILITATION	\$ 275,000
				\$ 8,737,902
1991	CE116	SANDUSKY, CITY	PERKINS AVENUE REPLACEMENT PROJECT	\$ 352,685
1991	CE333	SANDUSKY, CITY	ROAD RESURFACING	\$ 100,540
1992	CEB13	SANDUSKY, CITY	MILLS CREEK BRIDGE	\$ 33,108
1993	CE403	SANDUSKY, CITY	FILMORE ROAD, STORM	\$ 363,660
1993	CEC05	SANDUSKY, CITY	S. DEPOT AREA	\$ 133,500
1993	CE006	SANDUSKY, CITY	STREET REPAIR	\$ 222,000
1994	CE212	SANDUSKY, CITY	ROADS	\$ 158,023
1994	CEE10	SANDUSKY, CITY	SANDUSKY CITY RESURFACING PROGRAM. ADT 9280	\$ 336,000
1995	CEF03	SANDUSKY, CITY	SI-2 RESURFACING PROGRAM, 1995	\$ 264,000

YEAR	PROJECT NO.	SUBDIVISION	DESCRIPTION	OPWC FUNDING
1996	CE902	SANDUSKY, CITY	DOWNTOWN STORM SEWER DISTRICT PROJECT	\$ 292,500
1997	CE001	SANDUSKY, CITY	COMBINED SEWER SEPARATION	\$ 525,000
1997	CE026	SANDUSKY, CITY	1996/1997 RESURFACING PROGRAM	\$ 185,950
1997	CEI01	SANDUSKY, CITY	MILAN ROAD/CAMP ST. RECONSTRUCTION	\$ 395,000
1998	CE13B	SANDUSKY, CITY	1998 SCIP STREET RESURFACING PROGRAM	\$ 202,320
1999	CEK06	SANDUSKY, CITY	DECATUR, MADISON, WEST PARK, FOX, SANDUSKY, BARKER	\$ 86,475
2000	CEL12	SANDUSKY, CITY	E. ADAMS, SHELBY, WAYNE AND ERIE STREETS	\$ 91,000
2002	CEN18	SANDUSKY, CITY	PERKINS AVENUE SECTIONS A-2, B, C, D & E	\$ 315,000
2003	CE15G	SANDUSKY, CITY	ADAMS, REECE & STANFORD STREETS SEWER REHAB	\$ 300,000
2004	CE32H	SANDUSKY, CITY	MCCARTNEY RD & JACKSON ST. SANITARY SEWER REH	\$ 274,500
2005	CE11I	SANDUSKY, CITY	2005 SANDUSKY SEWER REHABILITATION	\$ 270,409
2005	CEQ07	SANDUSKY, CITY	SENECA STREET RECONSTR - MILLS TO CAMP ST.	\$ 175,000
2006	CER12	SANDUSKY, CITY	MONROE STREET RECONSTRUCTION	\$ 271,500
2007	CES13	SANDUSKY, CITY	MONROE STREET REHABILITATION PHASE 3	\$ 195,340
2007	CE08K	SANDUSKY, CITY	VENICE ROAD LIFT STATION REHABILITATION	\$ 105,825
2009	CEU22	SANDUSKY, CITY	HAYES AVENUE REHABILITATION PROJECT	\$ 400,000
2010	CE11N	SANDUSKY, CITY	CEDAR POINT ROAD WATER MAIN LOOPING	\$ 400,000
2011	CE11O	SANDUSKY, CITY	THORPE, DORN AND FERNDAL DRIVE WATERLINE	\$ 258,100
2012	CE03P	SANDUSKY, CITY	FIRST STREET WATERLINE REPLACEMENT	\$ 175,000
2012	CE32P	SANDUSKY, CITY	BIG ISLAND WATER WORKS CREDIT ENHANCEMENT	\$ 175,000
2013	CE52Q	SANDUSKY, CITY	CAMPBELL STREET RESURFACING	\$ 130,278
2014	CEZ11	SANDUSKY, CITY	WATER STREET REHABILITATION AND PAVING	\$ 306,517
2016	DET02	SANDUSKY, CITY	CALDWELL STREET RECONSTRUCTION	\$ 175,000
2016	DET08	SANDUSKY, CITY	FIFTH STREET RECONSTRUCTION	\$ 175,000
				\$ 7,844,230
1991	CE102	ERIE COUNTY, ENG.	SPROWL ROAD REPLACEMENT	\$ 230,786
1992	CE209	ERIE COUNTY, ENG.	ROADS	\$ 446,941
1992	CEA12	ERIE COUNTY, ENG.	ROAD	\$ 151,696
1993	CEB19	ERIE COUNTY, ENG.	MASON ROAD	\$ 144,500
1993	CEB27	ERIE COUNTY, ENG.	RYE BEACH ROAD RESURFACING	\$ 45,285
1994	CEE17	ERIE COUNTY, ENG.	BERLIN, GROTON, FLORENCE, OXFORD TWPS., CASTA	\$ 214,472
1996	CEH01	ERIE COUNTY, ENG.	CLEVELAND RD. W. & RYE BEACH RD. IMPROVEMENTS	\$ 247,652
1996	CEH04	ERIE COUNTY, ENG.	DARROW ROAD IMPROVEMENT	\$ 106,906
1999	CEK05	ERIE COUNTY, ENG.	WAHL ROAD BRIDGE REPLACEMENT	\$ 130,000
2000	CEL01	ERIE COUNTY, ENG.	BARNES ROAD BRIDGE REPLACEMENT, V-301	\$ 175,000
2003	CEO02	ERIE COUNTY, ENG.	DEWITT AVENUE STRUCTURE P-222 REPLACEMENT	\$ 75,075
2004	CEP03	ERIE COUNTY, ENG.	COLUMBUS AVENUE BRIDGE P-213	\$ 110,500
2005	CEQ01	ERIE COUNTY, ENG.	STRUCTURE B-418 AND O-113	\$ 175,000
2006	CER04	ERIE COUNTY, ENG.	STRUCTURE REPLACEMENTS	\$ 272,000
2007	CES01	ERIE COUNTY, ENG.	DARROW ROAD BRIDGE AND ROADWAY	\$ 275,000
2008	CET05	ERIE COUNTY, ENG.	MAPLE AVENUE STRUCTURE	\$ 325,000
2009	CEU19	ERIE COUNTY, ENG.	CAMPBELL, MASON & STRUB RESURFACING	\$ 275,000
2009	CEU33	ERIE COUNTY, ENG.	ERIE COUNTY BRIDGE REPLACEMENTS	\$ 400,000
2010	CEV11	ERIE COUNTY, ENG.	BOGART, STRECKER & PORTLAND ROAD RESURFACING	\$ 275,000
2010	CEV29	ERIE COUNTY, ENG.	BRIDGE G-401 AND P-246 REPLACEMENT	\$ 265,000
2011	CEW01	ERIE COUNTY, ENG.	RESURFACING CR 43 FROM BRIDGE P-407 TO BOGART	\$ 275,000
2012	CEX09	ERIE COUNTY, ENG.	STRECKER, BOGART & BARDSHAR RESURFACING	\$ 275,000
2013	CEY03	ERIE COUNTY, ENG.	2013 RESURFACING - STRECKER ROAD CR15	\$ 275,000
2013	CEY11	ERIE COUNTY, ENG.	PERKINS AVENUE SIGNAL REPLACEMENT	\$ 72,300
2014	CEZ02	ERIE COUNTY, ENG.	DRAINAGE, WIDENING, RESURFACING PATTEN TRACT	\$ 275,000
2015	CE37S	ERIE COUNTY, ENG.	BARDSHAR ROAD SAFETY IMPROVEMENTS	\$ 275,000
2016	CE20T	ERIE COUNTY, ENG.	ERI-CR10-7.988 BOGART RD WIDEN AND RESURFACE	\$ 325,000
				\$ 6,113,113
1992	CEC26	PERKINS, TOWNSHIP	STRUB RD. REPAVE	\$ 64,600
1993	CE508	PERKINS, TOWNSHIP	SCHILLER & MARSHALL PAVING PROJECT	\$ 248,200
1994	CE821	PERKINS, TOWNSHIP	SUBURBAN THROUGHFARE PAVING PROJECTS	\$ 170,000
1996	CEG03	PERKINS, TOWNSHIP	SUBURBAN THOROUGHFARE PAVING PHASE 2	\$ 233,810

YEAR	PROJECT NO.	SUBDIVISION	DESCRIPTION	OPWC FUNDING	
1997	CEH02	PERKINS, TOWNSHIP	PERKINS TOWNSHIP ROAD REVITALIZATION	\$	100,426
1997	CEI20	PERKINS, TOWNSHIP	RANCHWOOD SUBDIVISION REPAVING	\$	99,780
1998	CEJ16	PERKINS, TOWNSHIP	TOWNSHIP ROAD IMPROVEMENTS - 1998	\$	100,518
1999	CEK15	PERKINS, TOWNSHIP	FOX ROAD/WEST SIDE RESURFACING	\$	97,537
2001	CEM12	PERKINS, TOWNSHIP	GILCHER COURT/SOUTHGATE RESURFACING	\$	99,363
2002	CEN02	PERKINS, TOWNSHIP	SOUTHGATE ACRES & FAIRVIEW LANES PAVING	\$	102,735
2003	CEO09	PERKINS, TOWNSHIP	STONEWOOD/STONYRIDGE RESURFACING	\$	137,456
2004	CE334	PERKINS, TOWNSHIP	STORM SEWER	\$	119,000
2004	CEP06	PERKINS, TOWNSHIP	KINGSLEY ST. & CIRCLE, RAMADA ST, PIONEER TR	\$	174,720
2005	CEQ20	PERKINS, TOWNSHIP	BIRCHWOOD DRIVE AND MARSHALL AVENUE PAVING	\$	174,720
2006	CER05	PERKINS, TOWNSHIP	STRUB RD, WOODLAWN AVE, & FERRY SUBDIVISION	\$	174,950
2007	CES08	PERKINS, TOWNSHIP	BELL AVENUE, ETC. PAVING	\$	174,955
2008	CET16	PERKINS, TOWNSHIP	STRUB ROAD AND FERRY SUBDIVISION PAVING	\$	174,950
2009	CEU02	PERKINS, TOWNSHIP	LONDON RD. & NEILSON AVE PAVING	\$	274,500
2010	CEV01	PERKINS, TOWNSHIP	FAIRVIEW LANES PAVEMENT IMPROVEMENT	\$	274,500
2011	CE520	PERKINS, TOWNSHIP	COLUMBUS PARK RECONSTRUCTION	\$	275,000
2012	CEX01	PERKINS, TOWNSHIP	WEST STRUB ROAD IMPROVEMENT	\$	175,000
2014	CE42R	PERKINS, TOWNSHIP	WEST STRUB ROAD PAVEMENT IMPROVEMENT	\$	275,000
				\$	3,721,720
1990	CE121	VERMILION, CITY	DECATUR STREET REPLACEMENT PROJECT	\$	70,087
1994	CE716	VERMILION, CITY	WASTEWATER PUMP STATION TELEMTRY	\$	38,250
1994	CE808	VERMILION, CITY	ELBERTA BEACH SANITARY SEWER REHABILITATION	\$	224,000
1997	CE002	VERMILION, CITY	PARK DR. LIFT STATION/FORCE MAIN IMPROVEMENTS	\$	75,000
1997	CE01A	VERMILION, CITY	SEWER REHAB - HIGHBRIDGE RD. AND V.O.L.	\$	100,000
1997	CE910	VERMILION, CITY	WEST RIVER ROAD SANITARY RELIEF SEWER	\$	127,550
1998	CE01B	VERMILION, CITY	PARK DRIVE LIFT STATION IMPROVEMENTS	\$	112,100
1999	CE09C	VERMILION, CITY	RIVERSIDE DRIVE SANITARY SEWER	\$	230,702
2000	CE04D	VERMILION, CITY	PUMP STATION REHAB - CONTRACT B	\$	250,000
2002	CE10F	VERMILION, CITY	SANITARY SEWER REPLACEMENT AREA E	\$	324,999
2003	CE402	VERMILION, CITY	WESTLAKE WATERMAIN	\$	0
2007	CE01K	VERMILION, CITY	AREA K SANITARY SEWER REHABILITATION	\$	324,999
2008	CE03M	VERMILION, CITY	ELBERTA BEACH SANITARY SEWER REHABILITATION	\$	400,000
2010	CE24N	VERMILION, CITY	NOKOMIS SANITARY SEWER	\$	167,852
2012	CE05P	VERMILION, CITY	ROMPS PUMP STATION SSO ELIMINATION	\$	325,000
2013	CE45Q	VERMILION, CITY	HIGHBRIDGE ROAD BRIDGE	\$	325,000
2014	CE05R	VERMILION, CITY	JERUSALEM ROAD RESURFACING	\$	175,000
2016	DET10	VERMILION, CITY	HIGHBRIDGE ROAD BRIDGE REPLACEMENT	\$	175,000
				\$	3,445,539
1994	CE220	HURON, CITY	WATER SUPPLY	\$	106,250
1994	CE510	HURON, CITY	BERLIN ROAD PAVING	\$	282,738
1994	CE603	HURON, CITY	MAIN STORMSEWER(GOW DITCH)REPLACEMENT	\$	171,000
1997	CEG11	HURON, CITY	CLEVELAND ROAD WEST IMPROVEMENTS	\$	238,587
1997	CEI11	HURON, CITY	ADAMS AVENUE BRIDGE REPLACEMENT	\$	63,917
1999	CEK14	HURON, CITY	BOGART ROAD CULVERT REPLACEMENT	\$	91,662
2000	CEL04	HURON, CITY	RIVER ROAD IMPROVEMENTS	\$	180,000
2001	CEM14	HURON, CITY	CLEVELAND ROAD BRIDGE REPLACEMENT	\$	126,625
2002	CEN04	HURON, CITY	BOGART ROAD WIDENING AND RESURFACING	\$	174,000
2003	CE320	HURON, CITY	WATER PLANT IMPROVEMENTS	\$	91,000
2003	CEO11	HURON, CITY	RIVERSIDE DRIVE RECONSTRUCTION PHASE 1	\$	174,000
2004	CEP02	HURON, CITY	RIVERSIDE DRIVE RECONSTRUCTION PHASE 2	\$	211,000
2009	CEU25	HURON, CITY	CLEVELAND RD RESURFACE & COVE #2 BRIDGE	\$	275,000
2010	CEV02	HURON, CITY	CLEVELAND ROAD & COVE 2 BRIDGE	\$	275,000
2013	CE10Q	HURON, CITY	JIM CAMPBELL BOULEVARD RECONSTRUCTION	\$	245,528
2015	CE03S	HURON, CITY	RYE BEACH ELEVATED WATER STORAGE TANK	\$	175,000
				\$	2,881,307

PROJECT		SUBDIVISION	DESCRIPTION	OPWC FUNDING	
YEAR	NO.				
1993	CEB28	MARGARETTA TOWNSHIP	HEYWOOD ROAD IMPROVEMENT	\$	66,600
1993	CEC27	MARGARETTA TOWNSHIP	INDUSTRIAL PARK ROAD DEVELOPE	\$	165,000
1993	CED28	MARGARETTA TOWNSHIP	MAPLE AVENUE REPAIR	\$	118,720
1994	CEF26	MARGARETTA TOWNSHIP	MAPLE AVENUE, PHASE II	\$	101,952
1995	CE936	MARGARETTA TOWNSHIP	RESURFACE - PHASE I	\$	65,932
1997	CE039	MARGARETTA TOWNSHIP	RESURFACE - PHASE II	\$	67,375
1997	CEI16	MARGARETTA TOWNSHIP	BILLINGS RD/PARKER RD/WINKEL'S SUBD.	\$	42,750
1999	CEK13	MARGARETTA TOWNSHIP	VICKERY ROAD IMPROVEMENT	\$	99,245
2000	CE17D	MARGARETTA TOWNSHIP	MAPLE AVENUE WIDEN AND RESURFACE	\$	59,675
2001	CEM05	MARGARETTA TOWNSHIP	MAPLE STREET SECTION E-1 RESURFACING	\$	98,840
2003	CE18G	MARGARETTA TOWNSHIP	MAPLE AVE RD & STORM DRAINAGE BOGART TO 101	\$	137,274
2004	CE13H	MARGARETTA TOWNSHIP	HOMEGARDNER ROAD WIDENING & RESURFACING PH 1	\$	101,000
2004	CE31H	MARGARETTA TOWNSHIP	MAPLE AVENUE W&R SECTION 103 F-1	\$	67,500
2007	CE03K	MARGARETTA TOWNSHIP	HOMEGARDNER ROAD WIDENING & RESURFACING PH 2	\$	100,000
2009	CEU24	MARGARETTA TOWNSHIP	HOMEGARDNER RD WIDENING & RESURFACING PH 3	\$	106,750
2010	CEV28	MARGARETTA, TOWNSHIP	HOMEGARDNER ROAD SECTION C PHASE 4	\$	103,000
2013	CE06Q	MARGARETTA, TOWNSHIP	OLD RAILROAD ROAD REPAIR PHASE I	\$	29,125
2016	CE43T	MARGARETTA, TOWNSHIP	MICROSURFACE VARIOUS ROADS	\$	39,000
				\$	1,569,738
1992	CEC24	KELLEY'S ISLAND, VILLAGE	WOODFORD RD REHAB	\$	34,644
1993	CED27	KELLEYS ISLAND, VILLAGE	LAKE SHORE DRIVE IMPROVEMENT	\$	134,272
1996	CE914	KELLEYS ISLAND, VILLAGE	WATERLINE REPL.-CHAPPEL, WOODFORD, & ADDISON	\$	117,600
1998	CE05B	KELLEYS ISLAND, VILLAGE	WATER PLANT IMPROVEMENTS	\$	317,900
2001	CE36E	KELLEYS ISLAND, VILLAGE	E. LAKESHORE DRIVE IMPROVEMENTS	\$	324,999
2001	CE37E	KELLEYS ISLAND, VILLAGE	E. LAKESHORE DRIVE IMPROVEMENTS	\$	115,320
2006	CE08J	KELLEY'S ISLAND, VILLAGE	DIVISION STREET STORM DRAINAGE IMPR. PH 1	\$	171,776
2007	CE18K	KELLEYS ISLAND, VILLAGE	LAKESHORE DRIVE WATERLINE REPLACEMENT	\$	300,000
				\$	1,516,511
1992	CE326	MILAN, VILLAGE	SANITARY SEWER	\$	42,210
1994	CE627	MILAN, VILLAGE	ELEVATED TANK REPLACEMENT	\$	175,000
1994	CE725	MILAN, VILLAGE	INDIAN ACRES SANITARY SEWER & LIFT STATION	\$	157,854
1997	CE03A	MILAN, VILLAGE	LOCKWOOD AVE. ST. REHAB & SANITARY SEWER	\$	244,750
1997	CE908	MILAN, VILLAGE	WELL NUMBER 3 REPLACEMENT	\$	51,600
1999	CE08C	MILAN, VILLAGE	CHURCH STREET WATERLINE REPLACEMENT	\$	49,895
1999	CE803	MILAN, VILLAGE	WEST FRONT & LIBERTY STREET WATERLINE PROJECT	\$	52,000
2000	CE12D	MILAN, VILLAGE	MAIN STREET STORM SEWER	\$	128,000
2001	CE11E	MILAN, VILLAGE	MILAN MANOR STORM SEWER REPLACEMENT	\$	174,999
2002	CE16F	MILAN, VILLAGE	BROAD STREET WATERLINE	\$	39,500
2003	CE13G	MILAN, VILLAGE	WILCOXSON STREET SANITARY SEWER REPLACEMENT	\$	131,000
2009	CEU36	MILAN, VILLAGE	SWAN AND LIBERTY STREET REPLACEMENT PHASE I	\$	159,723
				\$	1,406,531
1993	CE509	HURON TOWNSHIP	CAMP ROAD PAVING	\$	107,100
1995	CEF10	HURON TOWNSHIP	JEFFRIES ROADS IMPROVEMENT	\$	68,425
1997	CE025	HURON TOWNSHIP	HURON TOWNSHIP SUBDIVISION RESURFACING	\$	42,486
2000	CEL18	HURON TOWNSHIP	FOX ROAD IMPROVEMENTS	\$	216,180
2004	CE01H	HURON TOWNSHIP	FOX ROAD IMPROVEMENTS	\$	174,985
2005	CE05I	HURON TOWNSHIP	BOOS ROAD	\$	174,825
				\$	784,001
1993	CE540	VERMILION TOWNSHIP	WEST LAKE ROAD WATER MAIN REPLACEMENT	\$	300,000
1997	CEI05	VERMILION TOWNSHIP	KNEISEL ROAD CULVERT REPLACEMENT	\$	64,375
2005	CE03I	VERMILION TOWNSHIP	THOMPSON ROAD STORM SEWER REPLACEMENT	\$	67,093
2008	CE22L	VERMILION TOWNSHIP	KNEISEL ROAD RESURFACING	\$	74,400
2009	CEU35	VERMILION TOWNSHIP	COEN ROAD AND STORM SEWER REPLACEMENT PHASE 2	\$	68,921
2010	CEV34	VERMILION, TOWNSHIP	FRAILEY ROAD RESURFACING	\$	94,000
				\$	668,789

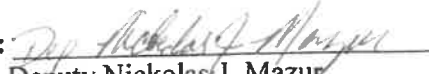
YEAR	PROJECT NO.	SUBDIVISION	DESCRIPTION	OPWC FUNDING	
1992	CE209	GROTON TOWNSHIP	HARRIS ROAD	\$	98,870
1994	CEE17	GROTON TOWNSHIP	TAR & CHIP	\$	29,536
1997	CT910	GROTON TOWNSHIP	BILLINGS ROAD	\$	213,112
2010	CEV35	GROTON TOWNSHIP	RESURFACING BILLINGS ROAD SECTION E	\$	201,480
				\$	542,998
1998	CE40B	CASTALIA, VILLAGE	LUCAS STREET STORM SEWER IMPROVEMENTS	\$	41,890
1999	CEO17	CASTALIA, VILLAGE	LUCAS STREET IMPROVEMENTS	\$	40,570
2003	CEK17	CASTALIA, VILLAGE	CEMENT AVENUE RECONSTRUCTION	\$	199,006
2009	CEU37	CASTALIA, VILLAGE	LOWELL STREET RESURFACING	\$	62,615
2011	CE42O	CASTALIA, VILLAGE	DEPOT AND WATER STREET RESURFACING	\$	94,742
				\$	438,823
1993	CED08	BERLIN TOWNSHIP	ANDRESS ROAD CULVERT REPLACEMENT	\$	20,198
1994	CEC25	BERLIN TOWNSHIP	CHAPIN RD. AND DRAINAGE	\$	29,155
2001	CEM08	BERLIN TOWNSHIP	BERLIN ROAD REPAIRS AND EARTH RETENTION	\$	174,990
2004	CE06H	BERLIN TOWNSHIP	BELLAMY ROAD WIDENING	\$	85,064
2009	CE12M	BERLIN TOWNSHIP	REIGER ROAD	\$	42,000
				\$	351,407
1993	CE335	BAY VIEW, VILLAGE	ROAD RECONSTRUCTION	\$	160,000
1993	CT512	BAY VIEW, VILLAGE	SUNSET PLAZA REHAV	\$	91,072
2003	CE07G	BAY VIEW, VILLAGE	STORM SEWER PUMP REPLACEMENT	\$	81,960
				\$	333,032
1993	CEB21	FLORENCE TOWNSHIP	CLARY ROAD	\$	86,837
1993	CED05	FLORENCE TOWNSHIP	DEAN ROAD GRADE REPAIR	\$	89,100
1997	CEI02	FLORENCE TOWNSHIP	FURNACE ROAD	\$	85,992
2008	CE21L	FLORENCE TOWNSHIP	GREEN ROAD DRAINAGE	\$	57,530
				\$	319,459
1991	CE337	BERLIN HEIGHTS, VILLAGE	DRAINAGE	\$	3,700
2002	CEN10	BERLIN HEIGHTS, VILLAGE	EAST MAIN STREET	\$	205,920
2011	CE28O	BERLIN HEIGHTS, VILLAGE	LAKE STREET DRAINAGE	\$	99,962
				\$	309,582
1992	CE511	OXFORD TOWNSHIP	WOOD ROAD IMPROVEMENT	\$	50,157
1993	CEB30	OXFORD TOWNSHIP	HARRIS ROAD	\$	38,107
1996	CE925	OXFORD TOWNSHIP	HUBER ROAD HILL IMPROVEMENT	\$	25,814
1998	CEJ08	OXFORD TOWNSHIP	DELEMATRE ROAD REPAIR	\$	32,464
2000	CE34D	OXFORD TOWNSHIP	PERU CENTER CULVERT	\$	38,207
				\$	184,749
1993	CED07	MILAN TOWNSHIP	DRAINAGE NOT ELIGIBLE	\$	37,387
1993	CEB29	MILAN TOWNSHIP	BERLIN STREET	\$	34,000
				\$	71,387

OFFICE OF
ERIE COUNTY ENGINEER
2700 COLUMBUS AVENUE
SANDUSKY OHIO 44870

JOHN D. FARSCHMAN, P.E., P.S.
COUNTY ENGINEER

PHONE (419) 627-7710
FAX (419) 625-9622

TO: John D. Farschman, P.E., P.S.
Erie County Engineer

FROM: 
Deputy Nickolas J. Mazur

Summary of Weight and Measure Activity for 2016

The following contains a summary of all overload, over dimensional, and other traffic violations.
The summary entails activity from Jan 1, 2016 through Dec 31, 2016.

Month	# of Overloads	Fines	Total LBS Over Weight
January	5	\$5,161.00	135800
February	8	\$11,530.00	323,000
March	5	\$5,429.00	144,800
April	10	\$11,628.00	323,300
May	4	\$5,013.00	137,100
June	1	\$901.00	24,700
July	5	\$5,909.40	165,980
August	6	\$5,208.00	141,600
September	6	\$5,788.00	160,700
October	7	\$7,292.00	205,900
November	9	\$8,922.00	252,500
December	7	\$10,978.00	313,200
YEARLY TOTAL	73	\$83,759.40	2,328,580

Average Fine : \$1,147.39

Average Overload: 31,898 LBS

*Fines do NOT include Court or Restitution Fees.

14 Citations issued for non-overweight violations, including over dimensional and miscellaneous traffic offenses.

2016 Citations

Citation #	Company	ORC	Overload LBS	Fine	Crt Cost	Date
288812	Chris Helms	5577.04E	42100	\$1,423.00	\$90.00	01/07/16
288813	Dearborn	4513.34E/5577.04E	35100	\$1,413.00	\$90.00	01/13/16
288814	Kaplan	4513.34E/5577.04E	11600	\$533.00	\$85.00	01/14/16
288815	Perishable Dist	5577.04B1	9800	\$326.00	\$90.00	01/21/16
288816	Northern steel	4513.34E/5577.04E	37200	\$1,466.00	\$90.00	01/27/16
5	January		135800	\$5,161.00	\$445.00	
288817	Meldrum	4513.34E/5577.04B3	38200	\$1,496.00	\$90.00	02/02/16
288818	Element Bulk	5577.04E	47000	\$1,570.00	\$100.00	02/03/16
288819	Capital City	5577.04E	66600	\$2,158.00	\$85.00	02/05/16
288821	PI&I	4513.34E/5577.04E	26800	\$1,154.00	\$90.00	02/12/16
288822	Northern steel	4513.34E/5577.04E	39300	\$1,494.00	\$95.00	02/19/16
288823	Deep Woods	4513.34E/5577.04E	57100	\$1,898.00	\$85.00	02/23/16
288824	C&G	5577.04E	12300	\$529.00	\$85.00	02/26/16
288825	TLX	4513.34E/5577.04E	35700	\$1,231.00	\$90.00	02/29/16
8	February		323000	\$11,530.00	\$720.00	
288676	A&M	4513.34E/5577.04E	42900	\$1,602.00	\$95.00	03/01/16
288677	Steel Transport	4513.34E/5577.04E	10500	\$605.00	\$100.00	03/09/16
288678	Diggers Excav.	5577.02	46100	\$1,543.00	\$95.00	03/17/16
288679	Huron Cement	5577.04D4	18000	\$700.00	\$90.00	03/18/16
288681	Universal Truck	5577.04E	27300	\$979.00	\$85.00	03/29/16
5	March		144800	\$5,429.00	\$465.00	
288682	BEAVER EXC	4513.34E/5577.04E	34600	\$1,328.00	\$100.00	04/01/16
288683	Enviro Manage	5577.04D2	20200	\$766.00	\$90.00	04/05/16
288684	MAXIM	4513.34E/5577.04E	69300	\$2,369.00	\$100.00	04/06/16
288686	SolidFoundation	5577.02	24400	\$892.00	\$85.00	04/13/16
288687	Grac Glen Farm	5577.02	28100	\$1,003.00	\$85.00	04/13/16
288691	Republic	5577.02	25200	\$916.00	\$95.00	04/19/16
288692	PAHOA	4513.34E/5577.04E	33500	\$1,320.00	\$95.00	04/19/16
288693	H & L	4513.34E/5577.04E	38600	\$1,343.00	\$85.00	04/22/16
288694	Great Lakes Demo	5577.02	41300	\$1,399.00	\$100.00	04/22/16
288695	Breeden	5577.04B2	8100	\$292.00	\$90.00	04/29/16
10	April		323300	\$11,628.00	\$925.00	
288696	D & L	4513.34E/5577.04E	33400	\$1,292.00	\$100.00	05/10/16
288697	Jeffers	4513.34E/5577.04E	48300	\$1,739.00	\$100.00	05/11/16
288699	H ARCHER	5577.02	28900	\$1,027.00	\$95.00	05/20/16
288702	Kaplan	5577.04E	26500	\$955.00	\$85.00	05/27/16
4	May		137100	\$5,013.00	\$380.00	

2016 Citations

288705	SC BALLARD	5577.02	24700	\$901.00	\$85.00	06/21/16
1	June		24700	\$901.00	\$85.00	
288706	CHASE	4513.34e/5577.04b2	13100	\$683.00	\$100.00	07/06/16
288707	Northern steel	5577.04B3	29300	\$1,039.00	\$100.00	07/06/16
288708	Keen	5577.04E	47600	\$1,588.00	\$85.00	07/08/16
288710	ES Wagner	5577.02	49300	\$1,639.00	\$95.00	07/14/16
288711	Cargo Transport.	5577.02	26680	\$960.40	\$85.00	07/15/16
5	July		165980	\$5,909.40	\$465.00	
288712	SHAW	5577.02	31000	\$1,090.00	\$85.00	08/01/16
288714	Republic	5577.02	15300	\$619.00	\$90.00	08/15/16
288715	Carter	5577.02	24700	\$901.00	\$90.00	08/19/16
288716	Rampart Hydro	5577.02	24400	\$892.00	\$85.00	08/24/16
288717	WM Dauch	5577.02	35800	\$1,234.00	\$85.00	08/25/16
288718	Jennite	5577.04D2	10400	\$472.00	\$100.00	08/29/16
6	August		141600	\$5,208.00	\$535.00	
288719	HIGH-TECH	5577.02/4503.21a	35100	\$1,323.00	\$85.00	09/07/16
288720	Aydin Express	5577.02	28100	\$1,003.00	\$85.00	09/20/16
288721	C&G	5577.04E	38700	\$1,321.00	\$100.00	09/21/16
288722	FFT	5577.04E	7300	\$276.00	\$85.00	09/27/16
288723	MOSSER	5577.02	32800	\$1,144.00	\$85.00	09/29/16
288724	Republic	5577.02	18700	\$721.00	\$90.00	09/30/16
6	September		160700	\$5,788.00	\$530.00	
299426	N & S	4513.34E/5577.04E	60500	\$2,105.00	\$100.00	10/06/16
299427	Republic	5577.02	10700	\$481.00	\$90.00	10/07/16
299428	Diggers Excav.	5577.02	16900	\$667.00	\$90.00	10/10/16
299429	Best Supply	5577.04D4	10900	\$487.00	\$100.00	10/13/16
299430	B&B	5577.02	22100	\$823.00	\$90.00	10/14/16
299431	PAHOA	5577.04E	58300	\$1,774.00	\$90.00	10/24/16
299432	ASAP PLUS INC	5577.02	26500	\$955.00	\$85.00	10/31/16
7	October		205900	\$7,292.00	\$645.00	

2016 Citations

299433	KAPlan	5577.04E	32300	\$1,129.00	\$100.00	11/01/16
299434	Celadon	5577.02	19500	\$745.00	\$85.00	11/01/16
299435	Archuleta	5577.02	36100	\$1,243.00	\$85.00	11/01/16
299436	Moser trucking	5577.02	38900	\$1,327.00	\$85.00	11/01/16
299437	CRST	5577.02	27300	\$979.00	\$85.00	11/02/16
299438	MDG LOGISTICS	5577.02	33600	\$1,168.00	\$85.00	11/02/16
299439	Lemberg Transp.	5577.02	42800	\$1,444.00	\$85.00	11/04/16
299440	Buckeye crane llc	5577.04D2b	6300	\$256.00	\$85.00	11/11/16
299441	RB Logistics	5577.02	15700	\$631.00	\$85.00	11/11/16

9	November		252500	\$8,922.00	\$780.00	
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299442	Red Cap	4513.34E/5577.04E	34700	\$1,331.00	\$100.00	12/06/16
299443	Kendera	5577.02	28600	\$1,018.00	\$95.00	12/12/16
299444	C&G	5577.04E	51700	\$1,711.00	\$95.00	12/16/16
299445	Illini Drilling	5577.02	76800	\$2,464.00	\$85.00	12/20/16
299446	AYR Motor Exp	5577.02	27900	\$997.00	\$85.00	12/21/16
299447	Peters Used Equip	5577.02	54600	\$1,797.00	\$85.00	12/21/16
299448	Safeway	5577.04e/.05b	38900	\$1,660.00	\$95.00	12/21/16

7	December		313200	\$10,978.00	\$640.00	
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73	TOTALS		2328580	\$83,759.40	\$6,615.00	
	AVERAGES		31898.35616	\$1,147.39	\$90.62	

2016

ERIE COUNTY DITCH MAINTENANCE ANNUAL REPORT

This was another productive year for improvements made to Erie County Maintenance ditches, tile systems and subdivisions under the care of this department. There were 33,873 linear feet of ditch reshaped, realigned, dipped and/or had debris removed to allow for normal flow as well as to provide adequate freeboard for tile outlets. There were 11,098 linear feet of brush trimming and clearing. Also 65 rock structures were installed which required 288 ton of stone being placed. Additionally 3,850 linear feet of various size tiles were repaired or replaced. (Check the following chart for a work summary of all projects)

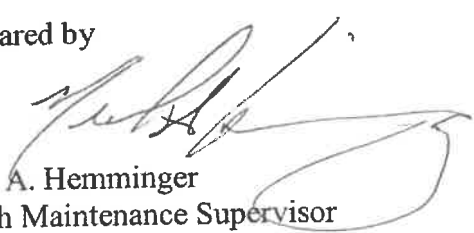
The mowing program started in mid-summer continuing thru early winter when weather permitted. Thirty-Eight ditches in the amount of 224,743 lineal feet have been completed. This mowing program allows for a more economical application of herbicides by not wasting the solution on last year's dead vegetation and still allows for wildlife nesting and habitat utilization.

Ditch Maintenance has 52 subdivisions with 46 detention basins that need regular spraying and maintenance. Twenty Four of the detention basins were again targeted this year to address persistent and hard to control noxious weeds such as cattail and phragmite along with broadleaf and woody vegetation. This was accomplished with a rigorous spray and mowing program of over 284,000 sq. ft. of combined area. The end result is a stand of grass which keeps the banks protected from erosion and manageable for continued maintenance.

New equipment was purchased for the spraying program this year. A (XUV625i) J D Gator with a 90 gallon spray tank in the bed with a spray wand and a boomless rear sprayer for hands free application worked very well for the program.

This department manages and maintains 126 projects that include 3 joint county projects, which have a combined maintenance base of over \$15 million dollars.

Prepared by



Neil A. Hemminger
Ditch Maintenance Supervisor

2016 MAINTENANCE PROJECT WORK SUMMARY

NAME	NO.	WORK KEY															
ADAMS	19	2	4	5	7	20	21	41	40	66							
ANGELS PATH SUBD 1,2	118	2	4	5	7	32	46	20	17	35	21						
ANGELS POINTE SUBD. NO 1	135	2	4	5	7	46	32	20	35								
ARLINGTON HTS SUBD	85	2	4	5	7	41											
ATLANTIC AVE SUBD	60	2	4	5	7	32	46	3	33	41							
ATLANTIC AVE SUBD-2	76	2	4	5	7	3	32	53	46	41	43						
B & O	31	2	4	5	7	3	32	33	15	21	36	40	41				
BEATTY	36	2	4	5	7	40	3	66	20	21	36						
BEHNKE DITCH	111	2	4	5	7	41											
BLACK TILE	90	2	4	5	7	36	20	21	12	40							
BONE CREEK STORM	132	2	4	5	7	21	41	66									
BOOS DITCH	50	2	4	5	7	46											
BOOS TILE	64	2	4	5	7												
BRENNER	108	2	4	5													
BROWN-KUEBELER	17	2	4	5	7	33											
BURDETTE-WOOD	137	2	4	5	7	20	32	36	40								
CAMPBELL ST STORM SEW	105	2	4	5	7	46											
CASWELL	20	2	4	5	7	33	66										
CHAPPEL CREEK SUBD	81	2	4	5	7												
CHARLES SMITH DITCH	59	2	4	5	7	23	20	34	47	40	66						
CHURCH TILE	30	2	4	5	7												
CLAYTON	15	2	4	5	7	34	36	21	3	20	40	46	47	66			
COHA TILE	125	2	4	5	7												
COUNTRY ACRES SUBD	61	2	4	5	7												
COUNTRY CLUB TILE SUBD	44	2	4	5	7	46											
CREEKSIDE CIRCLE SUBD	62	2	4	5	7												
CROLL	43	2	4	5	7	3	36	40									
DAHS SUBD-2	115	2	4	5	7	46	20										
DAUCH	46	2	4	5	7	3	32	36									
DECHANT SUBD	77	2	4	5	7												
DEERWALK SUBD	79	2	4	5	7												
DELEMATRE	32	2	4	5	7	32	34	40	47								
DENMAN	22	2	4	5	7	33											
DILDINE	7	2	4	5	7												
EAGLE CREST SUBD-1	96	2	4	5	7	32											
EAGLE CREST SUBD-2	103	2	4	5	7	32	46										
EAGLE CREST SUBD-3	116	2	4	5	7	46	53										
EDISON RIDGE SUBD	67	2	4	5	7	46	14	40	32	41							
EDISON RIDGE SUBD-4	84	2	4	5	7	20	32	14	35	40	41						
EDSON CREEK	128	2	4	5	7	20	21	36	33	79							
ESTUARY SUBD	73	2	4	5	7	32											
EVERETT TILE	65	2	4	5	7												
FAIRVIEW LANES	14	2	4	5	7	41											
FICHEL	23	2	4	5	7	66											
FOUR SEASONS SUBD	78	2	4	5	7	46	36	20									
HERBER TILE	54	2	4	5	7	36	40	3	71								
HERMES	25	2	4	5	7	32	15	20	35								
HINDE	6	2	4	5	7												
HOFFMAN	34	2	4	5	7	20	21										
HUFF ROAD DITCH	112	2	4	5	7	15	20	21	36	40							
HUMM TILE	33	2	4	5	7	40	46										

2016 MAINTENANCE PROJECT WORK SUMMARY

NAME	NO.	WORK KEY															
HUMM TILE II	126	2	4	5	7	40											
HURON GREEN SUBD	98	2	4	5	7	36	34	46	20	40							
HURON RIVER EST SUBD	63	2	4	5	7	20	21	46	47								
JOHNSON DITCH & TILE	55	2	4	5	7	3	40										
KALAHARI	122	2	4	5	7	12	21	40	46	32	53	55	70				
KARBLER	109	2	4	5													
KNOTT-HUNTER	21	2	4	5	7	33											
KOB	13	2	4	5	7	21	1	32	36	66	40	20	67	41	65		
LAKECREST STM	138	2	4	5	7	46	47	79									
LAKEFIELD MANOR DEV	93	2	4	5	7												
LAYNE TILE	48	2	4	5	7												
MILLER RD TILE	53	2	4	5	7												
MILLWOOD SUBD	117	2	4	5	7	20	32										
MIX	9	2	4	5	7	34											
MUSHCASH	3	2	4	5	7												
NESSELHAUF	11	2	4	5	7	66	21										
NICKLES TILE	39	2	4	5	7												
ORCHARD COURT SUBD	89	2	4	5	7	46											
PLUMBROOK HILLS SUBD	71	2	4	5	7	46											
PLUMBROOK OAKS	40	2	4	5	7	21	3	33	46	20	36	40	53	66	65	67	
PORTLAND RD TILE	57	2	4	5	7	20	21	40	35	71							
QUARRY LAKE IND PRK	86	2	4	5	7	32	41	46									
ROLLING ACRES SUBD	69	2	4	5	7												
RYE BEACH	88	2	4	5	7												
SANCTUARY	136	2	4	5	7	40	46										
SANDUSKY CEMENT	12	2	4	5	7	3	33	41									
SANDY ACRES EST.	119	2	4	5	7	46	20	3	41								
SASSAFRAS SUBD	66	2	4	5	7	46	41	53									
SCHERER TILE	26	2	4	5	7												
SCHLESSMAN	35	2	4	5	7	3	40	41	15	20	32	36					
SCHLESSMAN-TOMMAS	42	2	4	5	7												
SCHNEE-CLAYTON	45	2	4	5	7	66											
SCHNEE-ZENDRY	28	2	4	5	7	41	65	67									
SCHWEINFURTH	4	2	4	5	7												
SEBOLT	129	2	4	5	7	33											
SHAKER HIGHLANDS	121	2	4	5	7	46											
SHEROD	127	2	4	5	7												
SONGWOOD RES SUB-1	92	2	4	5	7	40	46	74									
SONGWOOD RES SUB-2	110	2	4	5	7	3	21	36	46	53	66						
STARR-HEIMBERGER	8	2	4	5	7	20	21										
STEWART-THORNE	2	2	4	5	7	34											
STEWART-THORNE - B	80	2	4	5	7	34											
STIERHOFF TILE	107	2	4	5	7												
STONE-CLAYTON	27	2	4	5	7	15	20	21	23	32	36	40	78				
STRICKFADEN	16	2	4	5	7	15	34	40	20	21	41						
SWEETBRIAR STORM	74	2	4	5													
TAILRACE	29	2	4	5	7												
TAYLOR BROOK SUBD	83	2	4	5	7												
TAYLOR DITCH	24	2	4	5	7	3	21	46	66	74							
TAYLOR TILE	38	2	4	5	7	20	21	33	36	40							

2016 MAINTENANCE PROJECT WORK SUMMARY

NAME	NO.	WORK KEY															
THE RESERVE SUB-7	104	2	4	5	7	32	41	46	43								
THE RESERVE SUB-8,9	114	2	4	5	7	32	41	43									
THE RESERVE SUB-10	123	2	4	5	7	32	46	14	20	36	40	41	21	36			
TIMBERLAKE SUBD 3	70	2	4	5	7	46	20	21	32	34	40						
TIMBERLAKE SUBD-4	100	2	4	5	7	32	46										
TOMMAS DITCH	82	2	4	5	7												
TRINTER	18	2	4	5	7	20	21	33	37	60							
TWIN OAKS SUBD	87	2	4	5	7	14	20	32	40	41							
TWIN OAKS SUBD-4	113	2	4	5	7	20	14	46	32	41							
UNITED CHURCH HOMES	72	2	4	5	7	20	41	46									
VILLAGE HILL ESTATES I	133	2	4	5	7	20	21	32	34	40							
VINYARD SUBD. & WINE ST.	134	2	4	5	7	21	46	20	41	32	40						
WAHL DITCH	5	2	4	5	7												
WAHL TILE	52	2	4	5	7												
WAHL (JOINT CO.)	130	2	4	5													
WASHBURN DITCH	1	2	4	5	7	3	20	21	35	36	40	66					
WASHBURN TILE	49	2	4	5	7	20	21	36	40	70							
WHITES LANDING	47	2	4	5	7	21	49	50	33	66							
WHITES LANDING DIKE	102	2	4	5	7	3	21	32	36	40	20	66	33	47			
WILLARD MCCONNLEY	68	2	4	5	7	40	41	66									
WILLOW LAKE SUBD	124	2	4	5	7	3	20	41	43	46							
WINDAMERE SUBD 1	99	2	4	5	7	53	32	46	34	41							
WINDAMERE SUBD 2,3,4	106	2	4	5	7	41	20	46	53								
WINKLER	10	2	4	5	7												
WOBSER	41	2	4	5	7	32	66										
126																	

PERTINENT WORK KEY REFERENCE FOR PREVIOUS LIST			
CODE	DESCRIPTION	CODE	DESCRIPTION
1	ADMINISTRATION 6 YR UPDATE WORK	42	MOW DIVERSION
2	ADMINISTRATION GENERAL	43	MOW RETENTION BASIN
3	ADMINISTRATION OTHER	44	OBSTRUCTION REMOVAL
4	ADMINISTRATION PAY-IN	45	OUPS LOCATE LAYOUT
5	ADMINISTRATION MAINT RECORDS UPDATE	46	OUPS LOCATE(S)
6	ANIMAL GUARD(S) INSTALLATION	47	OUTLET PIPE REPAIR
7	ANNUAL INSPECTION	48	OUTLET PIPE REPLACEMENT
8		49	PUMP INTAKE CLEANING/ INSPECT PUMPS
9	BANK REPAIR RIP RAP	50	PUMP MAINTENANCE
10	BANK REPAIR SLUFFING	51	PUMP REPAIR
11	BRUSH REMOVAL	52	RECEIVED FOR MAINTENANCE
12	CATCH BASIN CLEANING	53	RETENTION BASIN CLEANING
13	CATCH BASIN INSTALLATION	54	RETENTION BASIN CULVERT GRD INST.
14	CATCH BASIN REPAIR	55	RETENTION BASIN REPAIR
15	CHANNEL DIP OUT	56	RETENTION BASIN SPRAYING
16	CHANNEL REALIGNMENT	57	RIP RAP STRUCTURE
17	CHANNEL RECONSTRUCTION	58	R-O-W CLEARING
18	CHANNEL SILT BAR REMOVAL	59	R-O-W ESTABLISHMENT
19	CHANNEL SLATE REMOVAL	60	SEEDING
20	CONSTRUCTION INSPECTION	61	SIX YEAR UPDATE
21	CONTRACTOR MEETING	62	SHALE BAR/ SILT BAR REMOVAL
22	CULVERT INSTALLATION	63	SPOIL LEVELING
23	CULVERT REPAIR	64	SPRAY AQUATIC VEG
24	DESIGN PLANS REVIEW	65	SPRAY BOTTOM GRASS
25	DESIGN SURVEY	66	SPRAY BRUSH
26	DIVERSION INSTALLATION	67	SPRAY CATTAILS/ PHRAGMITES
27	DIVERSION MOWING	68	STUMP REMOVAL
28	DIVERSION REPAIR	69	STUMP TREATMENT
29	DIVERSION SEEDING	70	TILE CLEANING
30	ELECTRIC INVOICE PAYMENT	71	TILE INSTALLATION
31	EMERGENCY RESPONSE	72	TILE REPAIR
32	INSPECTION SPOT	73	TRASH REMOVAL
33	Site Investigation	74	TREE REMOVAL
34	INVESTIGATE DRAINAGE PROBLEM	75	WATERSHED MAP UPDATE
35	INVESTIGATE REPAIR(S) NEEDED	76	CONSTRUCTION LAYOUT
36	LANDOWNER MEETING	78	REMOVE FALLEN TREE LIMB
37	LAWN REPAIR	79	SCHEDULE B UPDATE
38	LAWN SEEDING	80	SURFACE DITCH INSTALLATION
39	MAINT ASSESSMENT COLLECTION	81	TOP SOIL INSTALLATION
40	MISC.	82	SPOIL HAULING
41	MOW BANK & BERM	83	MULCHING

2016 LEDGER SUMMARY

DITCH	NO.	LABOR R000-R01	MATERIAL S R000-R02	FUEL R000-R02	CO. EQUIPMENT R000-R03	SUB CONT. R000-R05	UTILITES R000-R09	MISC	TOTAL EXP	REC.	BAL.
WASHBURN DITCH	1	\$1,813.99	\$62.33	\$33.82	\$13.18	\$10,532.64			\$12,455.96	\$2,275.56	(\$14,960.85)
STEWART-THORNE	2	\$262.80	\$12.05	\$0.82	\$13.18	\$232.47			\$521.32	\$3,094.18	\$6,786.99
MUSHCASH	3	\$232.78	\$12.05	\$0.33	\$13.18	\$229.55			\$487.89	\$1,408.74	\$5,978.53
SCHWEINFURTH	4	\$212.76	\$12.05		\$13.18	\$13.18			\$251.17	\$724.00	\$4,159.37
WAHL DITCH	5	\$212.76	\$12.05		\$13.18	\$167.68			\$405.67	\$1,307.48	\$4,023.79
HINDE	6	\$292.82	\$12.05	\$1.55	\$13.18	\$13.18			\$332.78	\$184.18	\$473.84
DILDINE	7	\$232.78	\$12.05	\$0.33	\$13.18	\$13.93			\$272.27	\$256.15	\$5,189.14
STARR-HEIMBERGER	8	\$332.85	\$12.05	\$1.96	\$13.18	\$4,557.31			\$4,917.35	\$1,277.61	(\$1,426.64)
MIX	9	\$342.86	\$12.05	\$2.83	\$13.18	\$15.08			\$386.00	\$490.67	\$169.85
WINKLER	10	\$242.78	\$12.05	\$0.49	\$13.18	\$13.36			\$281.86	\$905.73	\$166.43
NESSER-HAUF	11	\$292.82	\$12.05	\$1.44	\$13.18	\$161.79			\$481.28	\$527.95	\$121.41
SANDUSKY CEMENT	12	\$342.86	\$12.05	\$2.77	\$13.18	\$164.98			\$535.84	\$1,026.49	\$434.60
KOB	13	\$1,153.52	\$53.65	\$19.76	\$13.18	\$181.79			\$1,421.90	\$851.44	(\$11,341.97)
FAIRVIEW LANES	14	\$332.85	\$12.05	\$2.46	\$13.18	\$694.08			\$1,054.62	\$1,156.97	\$2,870.27
CLAYTON	15	\$893.29	\$32.85	\$14.56	\$13.18	\$4,719.59			\$5,673.47	\$7,955.41	(\$6,105.70)
STRICKFADEN	16	\$793.24	\$12.05	\$11.97	\$13.18	\$884.66			\$1,715.10	\$734.84	\$1,820.99
BROWN-KUEBELER	17	\$312.83	\$12.05	\$2.05	\$13.18	\$18.63			\$358.74	\$1,238.95	\$12,592.19
TRINTER	18	\$573.04	\$12.05	\$7.56	\$13.18	\$1,783.16			\$2,388.99	\$3,375.95	(\$15,856.02)
ADAMS	19	\$422.91	\$12.05	\$4.23	\$13.18	\$1,425.78			\$1,878.15	\$2,564.66	(\$1,781.52)
CASWELL	20	\$352.87	\$22.45	\$3.06	\$13.18	\$13.82			\$405.38	\$678.84	\$38.57
KNOTT-HUNTER	21	\$272.81	\$12.05	\$1.15	\$13.18	\$362.02			\$661.21	\$742.29	(\$2,217.06)
DENMAN	22	\$282.81	\$12.05	\$1.31	\$13.18	\$18.81			\$328.16	\$2,590.32	\$131.06
FICHTEL	23	\$342.85	\$12.05	\$2.49	\$13.18	\$357.42			\$727.99	\$526.88	\$4,510.01
TAYLOR DITCH	24	\$442.94	\$12.05	\$4.24	\$13.18	\$1,356.99	\$54.38		\$1,883.78	\$4,679.79	(\$6,883.39)
HERMES	25	\$472.97	\$12.05	\$4.63	\$13.18	\$2,474.54			\$2,977.37	\$306.17	\$70.10
SCHERER TILE	26	\$295.75	\$12.05	\$0.33	\$19.77	\$13.18			\$341.08	\$351.06	\$347.47
STONE-CLAYTON	27	\$3,024.92	\$12.05	\$55.12	\$13.18	\$18,259.37			\$21,364.64	\$7,828.84	\$431.15
SCHNEE-ZENDRY	28	\$372.89	\$27.65	\$3.54	\$13.18	\$1,391.23			\$1,808.49	\$3,305.54	\$1,015.63
TAILRACE	29	\$232.78	\$12.05	\$0.33	\$13.18	\$13.43			\$271.77	\$365.22	\$2,361.37
CHURCH TILE	30	\$232.78	\$12.05	\$0.33	\$13.18	\$18.95			\$277.29	\$3,181.47	\$7,386.05
B & O	31	\$963.38	\$12.05	\$15.38	\$13.18	\$1,020.29			\$2,024.28	\$1,815.68	\$5,341.60
DELEMATRE	32	\$352.86	\$12.05	\$2.73	\$13.18	\$1,675.77			\$2,056.59	\$3,184.85	\$5,166.81
HUMM TILE	33	\$312.85	\$12.05	\$1.72	\$13.18	\$13.18			\$352.98	\$3,186.20	(\$4,158.93)
HOFFMAN	34	\$372.89	\$12.05	\$3.08	\$13.18	\$1,439.07			\$1,840.27	\$10,727.27	(\$876.85)
SCHLESSMAN	35	\$873.29	\$12.05	\$13.14	\$13.18	\$7,436.03			\$8,347.69	\$630.72	(\$7,012.86)
BEATTY	36	\$653.11	\$35.45	\$8.62	\$13.18	\$6,382.71			\$7,093.07	\$1,890.80	(\$4,023.38)
TAYLOR TILE	38	\$883.29	\$12.05	\$13.85	\$13.18	\$6,225.50			\$7,147.87	\$3,289.26	(\$5,203.57)
NICKLES TILE	39	\$232.78	\$12.05	\$0.33	\$13.18	\$13.93			\$272.27	\$165.64	\$87.77
PLUMBROOK OAKS	40	\$1,423.69	\$17.25	\$25.71	\$13.18	\$2,160.56			\$3,640.39	\$1,026.28	\$7,775.45

2016 LEDGER SUMMARY

DITCH	NO.	LABOR R000-R01	MATERIAL S R000-R02	FUEL R000-R02	CO. EQUIPMENT R000-R03	SUB CONT. R000-R05	UTILITES R000-R09	MISC	TOTAL EXP	REC.	BAL.
WOBSE	41	\$352.87	\$19.85	\$3.09	\$13.18	\$480.68			\$869.67	\$205.78	\$1,523.98
SCHLESSMAN-TOMMAS	42	\$212.76	\$12.05		\$13.18	\$13.18			\$251.17	\$859.98	(\$1,078.55)
CROLL	43	\$412.93	\$12.05	\$3.36	\$13.18	\$1,295.11			\$1,736.63	\$8,146.07	(\$50,283.46)
COUNTRY CLUB TILE SUBD	44	\$272.81	\$12.05	\$1.15	\$13.18	\$14.13			\$313.32	\$269.43	\$1,730.84
SCHNEE-CLAYTON	45	\$252.79	\$12.05	\$0.91	\$13.18	\$728.18			\$1,007.11	\$768.03	\$3,750.47
DAUCH	46	\$382.91	\$12.05	\$3.20	\$13.18	\$183.18			\$594.52	\$545.03	\$1,237.97
WHITES LANDING	47	\$1,443.88	\$13.09	\$24.16	\$713.18	\$10,356.44	\$1,580.39		\$14,131.14	\$5,951.08	\$6,153.45
LAYNE TILE	48	\$232.78	\$12.05	\$0.33	\$13.18	\$13.24			\$271.58	\$450.21	\$460.73
WASHBURN TILE	49	\$603.07	\$12.05	\$7.02	\$13.18	\$489.52			\$1,124.84	\$5,029.51	\$5,015.06
BOOS DITCH	50	\$232.78	\$12.05	\$0.33	\$13.18	\$278.49			\$536.83	\$2,560.09	\$1,301.73
WAHL TILE	52	\$232.78	\$12.05	\$0.33	\$13.18	\$14.46			\$272.80	\$102.99	\$1,499.21
MILLER RD TILE	53	\$232.78	\$12.05	\$0.33	\$13.18	\$13.18			\$271.52	\$435.88	\$1,928.00
HERBER TILE	54	\$873.26	\$12.05	\$14.01	\$13.18	\$163.83			\$1,076.33	\$218.83	(\$4,719.95)
JOHNSON DITCH & TILE	55	\$302.85	\$12.05	\$1.73	\$13.18	\$211.62			\$541.43	\$866.63	\$3,712.68
PORTLAND RD TILE	57	\$613.08	\$12.05	\$7.42	\$13.18	\$16,764.18			\$17,409.91	\$1,029.41	(\$17,653.84)
CHARLES SMITH	59	\$553.01	\$14.65	\$6.35	\$13.18	\$2,716.48			\$3,303.67	\$3,786.17	\$2,606.30
ATLANTIC AVE SUBD	60	\$412.95	\$12.05	\$4.25	\$13.18	\$273.70			\$716.13	\$1,421.64	\$7,869.07
COUNTRY ACRES SUBD	61	\$232.78	\$12.05	\$0.33	\$13.18	\$18.11			\$276.45	\$218.12	(\$2,932.86)
CREEKSIDE CIRCLE SUBD	62	\$232.78	\$12.05	\$0.33	\$13.18	\$13.18			\$271.52	\$322.27	\$5,531.34
HURON RIVER EST SUBD	63	\$362.88	\$12.05	\$3.00	\$13.18	\$198.18			\$589.29	\$1,140.02	\$423.40
BOOS TILE	64	\$232.78	\$12.05	\$0.33	\$13.18	\$13.18			\$271.52	\$80.00	\$1,346.19
EVERETT TILE	65	\$292.82	\$12.05	\$1.55	\$13.18	\$13.18			\$332.78	\$120.78	\$4,359.15
SASSAFRAS SUBD	66	\$683.11	\$12.05	\$9.43	\$13.18	\$317.19			\$1,034.96	\$420.31	\$10,839.64
EDISON RIDGE SUBD	67	\$503.01	\$12.05	\$6.11	\$13.18	\$498.70			\$1,033.05	\$2,533.72	\$10,769.51
WILLARD MCCONNLEY	68	\$402.89	\$12.05	\$3.97	\$13.18	\$625.48			\$1,057.57	\$921.52	\$114.20
ROLLING ACRES SUBD	69	\$262.80	\$12.05	\$0.82	\$13.18	\$13.18			\$302.03	\$85.74	\$3,342.81
TIMBERLAKE SUBD 3	70	\$1,043.43	\$12.05	\$17.34	\$13.18	\$2,886.20			\$3,972.20	\$1,503.94	\$2,005.48
PLUMBROOK HILLS SUBD	71	\$292.84	\$12.05	\$1.68	\$13.18	\$13.18			\$332.93	\$154.54	\$4,172.36
UNITED CHURCH HOMES	72	\$412.92	\$12.05	\$4.28	\$13.18	\$483.70			\$926.13	\$989.19	\$5,153.60
ESTUARY SUBD	73	\$302.83	\$12.05	\$1.76	\$13.18	\$15.48			\$345.30	\$504.85	\$1,653.97
SWEETBRIAR STORM SEW	74	\$212.76	\$12.05		\$13.18	\$17.94			\$255.93	\$1,918.05	\$23,140.59
ATLANTIC AVE SUBD-2	76	\$513.04	\$12.05	\$6.21	\$13.18	\$273.70			\$818.18	\$1,425.06	\$4,596.44
DECHANT SUBD	77	\$242.78	\$12.05	\$0.49	\$13.18	\$13.18			\$281.68	\$177.24	\$4,047.17
FOUR SEASONS SUBD	78	\$763.21	\$12.05	\$11.20	\$13.18	\$1,421.44			\$2,221.08	\$6,885.70	(\$19,669.06)
DEERWALK SUBD	79	\$232.78	\$12.05	\$0.33	\$13.18	\$13.18			\$271.52	\$396.09	\$1,959.93
STEWART-THORNE - B	80	\$262.80	\$12.05	\$0.82	\$13.18	\$13.18			\$302.03	\$355.41	(\$1,747.68)
CHAPPEL CREEK SUBD	81	\$282.81	\$12.05	\$1.26	\$13.18	\$13.18			\$322.48	\$288.00	\$1,589.66
TOMMAS	82	\$212.76	\$12.05		\$13.18	\$523.45			\$761.44	\$274.93	(\$816.78)
TAYLOR BROOK SUBD	83	\$252.80	\$12.05	\$0.78	\$13.18	\$13.18			\$291.99	\$166.59	\$4,222.04

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DITCH	NO.	LABOR R000-R01	MATERIAL S R000-R02	FUEL R000-R02	CO. EQUIPMENT R000-R03	SUB CONT. R000-R05	UTILITES R000-R09	MISC	TOTAL EXP	REC.	BAL.
EDISON RIDGE SUBD-4	84	\$442.97	\$12.05	\$4.69	\$13.18	\$113.18			\$586.07	\$236.07	\$7,608.14
ARLINGTON HTS SUBD	85	\$252.80	\$12.05	\$0.78	\$13.18	\$483.70			\$762.51	\$159.30	\$2,046.62
QUARRY LAKE IND PRK	86	\$402.92	\$12.05	\$3.95	\$13.18	\$669.22			\$1,101.32	\$2,051.69	\$15,575.48
TWIN OAKS SUBD	87	\$322.87	\$12.05	\$2.20	\$13.18	\$821.65			\$1,171.95	\$2,970.92	\$23,042.72
RYE BEACH	88	\$232.78	\$12.05	\$0.33	\$13.18	\$463.45			\$721.79	\$314.69	(\$358.38)
ORCHARD COURT SUBD	89	\$322.86	\$12.05	\$2.32	\$13.18	\$13.18			\$363.59	\$700.20	\$7,805.32
BLACK TILE	90	\$683.13	\$12.05	\$7.66	\$13.18	\$2,555.18			\$3,271.20	\$1,274.79	\$6,563.08
SONGWOOD RES SUB-1	92	\$312.85	\$12.05	\$1.97	\$13.18	\$813.18			\$1,153.23	\$457.20	\$3,091.10
LAKEFIELD MANOR DEV	93	\$262.80	\$12.05	\$0.82	\$13.18	\$14.87			\$303.72	\$766.33	\$21,703.77
EAGLE CREST SUBD-1	96	\$302.85	\$12.05	\$1.86	\$13.18	\$17.55			\$347.49	\$1,321.69	\$8,636.35
HURON GREEN SUBD	98	\$1,153.47	\$12.05	\$18.02	\$13.18	\$15.97			\$1,212.69	\$2,331.26	\$10,694.44
WINDAMERE SUBD 1	99	\$342.88	\$12.05	\$2.59	\$13.18	\$348.70			\$719.40	\$329.59	\$22,378.73
TIMBERLAKE SUBD-4	100	\$342.89	\$12.05	\$2.66	\$13.18	\$13.18			\$383.96	\$1,419.55	\$8,079.36
WHITES LANDING DIKE	102	\$2,875.42	\$35.03	\$57.59	\$3.91	\$2,998.92			\$5,970.87	\$4,712.27	\$25,624.19
EAGLE CREST SUBD-2	103	\$382.91	\$12.05	\$3.49	\$13.18	\$13.18			\$424.81	\$1,693.09	\$12,858.76
THE RESERVE SUB-7	104	\$462.99	\$12.05	\$4.49	\$13.18	\$405.46	\$54.38		\$952.55	\$1,811.28	\$9,241.49
CAMPBELL ST STORM SEW	105	\$262.80	\$12.05	\$1.01	\$13.18	\$13.18			\$302.22	\$807.70	\$9,418.18
WINDAMERE SUBD 2.3.4	106	\$693.19	\$12.05	\$9.80	\$13.18	\$491.87			\$1,220.09	\$2,661.81	\$24,152.64
STIERHOFF TILE	107	\$232.78	\$12.05	\$0.33	\$13.18	\$13.66			\$272.00	\$337.22	\$6,501.08
BRENNER	108					\$3.18			\$3.18	\$782.15	\$3,575.30
KARBLER	109					\$126.88			\$126.88	\$216.89	\$956.31
SONGWOOD RES SUB-2	110	\$663.12	\$12.05	\$8.65	\$13.18	\$813.18			\$1,510.18	\$693.71	\$6,347.18
BEHNKE	111	\$252.80	\$12.05	\$0.82	\$13.18	\$514.20			\$793.05	\$570.42	\$2,143.81
HUFF RD DITCH	112	\$683.12	\$12.05	\$9.61	\$13.18	\$3,398.98			\$4,116.94	\$401.02	\$2,841.78
TWIN OAKS SUBD-4	113	\$332.87	\$12.05	\$2.41	\$13.18	\$486.05			\$846.56	\$1,138.42	\$4,048.09
THE RESERVE SUB-8.9(LEISU	114	\$322.87	\$12.05	\$2.18	\$13.18	\$300.58	\$54.38		\$705.24	\$1,077.83	\$4,809.90
DAHS SUBD-2	115	\$633.15	\$12.05	\$8.01	\$13.18	\$13.18			\$679.57	\$922.18	(\$957.95)
EAGLE CREST SUBD-3	116	\$503.02	\$12.05	\$6.08	\$13.18	\$721.72			\$1,256.05	\$1,453.79	\$3,008.27
MILLWOOD SUBD	117	\$292.83	\$12.05	\$1.69	\$13.18	\$398.70			\$718.45	\$1,047.79	\$6,123.46
ANGEL'S PATH SUBD 1,2	118	\$1,073.53	\$12.05	\$16.96	\$13.18	\$1,884.91			\$3,000.63	\$2,748.80	\$10,099.38
SANDY ACRES EST	119	\$1,003.44	\$12.05	\$15.05	\$13.18	\$799.20			\$1,842.92	\$2,974.49	\$4,106.21
SHAKER HIGHLANDS	121	\$332.88	\$12.05	\$2.50	\$13.18	\$199.82			\$560.43	\$1,431.64	\$12,568.57
KALAHARI RESORT	122	\$1,483.74	\$12.05	\$22.50	\$13.18	\$6,233.18			\$7,764.65	\$793.10	(\$4,021.90)
THE RESERVE 10	123	\$993.39	\$12.05	\$17.33	\$13.18	\$198.70			\$1,234.65	\$1,526.22	\$7,316.03
WILLOW LAKE	124	\$462.98	\$12.05	\$4.95	\$13.18	\$1,605.02			\$2,098.18	\$2,163.61	\$2,830.25
COHA TILE	125	\$262.80	\$12.05	\$0.82	\$13.18	\$13.18			\$302.03	\$250.19	\$1,213.16
HUMM TILE II	126	\$252.80	\$12.05	\$0.74	\$13.18	\$13.18			\$291.95	\$2,642.40	(\$3,368.40)
SHEROD	127	\$242.78	\$12.05	\$0.49	\$13.18	\$132.18			\$400.68	\$716.62	\$567.03
EDSON CREEK	128	\$613.06	\$12.05	\$7.15	\$13.18	\$2,473.84			\$3,119.28	\$2,090.49	(\$881.91)

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2016 LEDGER SUMMARY

DITCH	NO.	LABOR R000-R01	MATERIAL S R000-R02	FUEL R000-R02	CO. EQUIPMENT R000-R03	SUB CONT. R000-R05	UTILITES R000-R09	MISC	TOTAL EXP	REC.	BAL.
SEBOLT	129	\$262.80	\$12.05	\$1.01	\$13.18	\$16.08			\$305.12	\$1,391.31	(\$9,068.67)
WAHL JT CTY	130					\$5.33			\$5.33	\$25.86	\$206.14
BONE CREEK	132	\$312.84	\$12.05	\$1.89	\$13.18	\$483.70			\$823.66	\$588.02	\$10,469.63
VILLAGE HILL ESTATES 1	133	\$673.12	\$12.05	\$9.57	\$13.18	\$954.22			\$1,662.14	\$5,060.03	\$5,672.75
VINEYARDS SUBD. & WINE S	134	\$1,663.86	\$12.05	\$29.76	\$13.18	\$3,884.22			\$5,603.07	\$2,687.26	\$1,004.84
ANGEL'S POINT SUBD 1	135	\$543.08	\$12.05	\$6.60	\$13.18	\$13.18			\$588.09	\$751.40	\$2,340.83
SANCTUARY	136	\$753.21	\$12.05	\$11.04	\$13.18	\$13.18			\$802.66	\$1,835.17	\$528.46
BURDETTE-WOODS	137	\$673.12	\$12.05	\$9.55	\$13.18	\$547.68			\$1,255.58	\$2,348.52	\$64.66
LAKECREST STM	138	\$372.88	\$12.05	\$3.16	\$13.18	\$278.01			\$679.28	\$3,121.23	\$23,837.33
126		\$63,493.20	\$1,683.85	\$747.09	\$2,318.46	\$154,695.35	\$1,743.53		\$224,681.48	\$205,166.12	\$333,433.78

MAINTENANCE SUMMARY FOR FY 2016	
MAINTENANCE OPERATIONS	
GENERAL INFORMATION	TOTALS
NEW PROJECTS RECEIVED FOR MAINTENANCE FY 2016	0
TOTAL PROJECTS ON MAINTENANCE	126
MILES ON MAINTENANCE	
OPEN DITCH	58.26
TILE	47.86
DIKES	0.33
TOTAL MILES	106.45
MISCELLANEOUS/PARAMETER PROJECTS ON MAINTENANCE	
CATCH BASINS	1412
PUMP STATIONS	3
RETENTION / DETENTION PONDS	46
SUBDIVISIONS	52
PROJECTS TREATED WITH HERBICIDE APPLICATION FOR BRUSH, CATTAILS AND AQUATIC WEEDS*	
DITCH TREATMENT	
BRUSH / WEED TREATMENT	
GALLONS OF SOLUTION APPLIED	4280
AMOUNT OF ACRES TREATED	31
CATTAILS / AQUATIC WEEDS / NUISANCE AREAS	
GALLONS OF SOLUTION APPLIED	675
AMOUNT OF ACRES TREATED	8
RETENTION / DETENTION POND TREATMENT	
BRUSH / WEED TREATMENT	
GALLONS OF SOLUTION APPLIED	450
AMOUNT OF ACRES TREATED	6
CATTAILS / AQUATIC WEEDS / NUISANCE AREAS	
GALLONS OF SOLUTION APPLIED	467
AMOUNT OF ACRES TREATED	10
NUMBER OF RETENTION / DETENTION PONDS TREATED	35
GENERAL	
TILE OUTLET PIPES INSTALLED	34
TILE OUTLET PIPE ANIMAL GUARDS INSTALLED	16
RIP RAP EROSION CONTROL STRUCTURES INSTALLED	65
TONS STONE USED	287.5
DITCHES CLEANED/RECONSTRUCTED*	21
TOTAL MILES	6.42
BRUSH REMOVAL MILES	2.1
LBS. FESCUE SEED USED FOR SEEDING/RESEEDING (ESTIMATED)	1500
SCHEDULE "B" PARCELS CHECKED/UPDATED/CORRECTED	415
ANNUAL INSPECTIONS COMPLETED	30
CATCH BASINS REPAIRED / INSTALLED	0
FEET OF CULVERT INSTALLED	0
CULVERTS REPAIRED	8
BRIDGES REPAIRED	1
6 YEAR UPDATES COMPLETED*	0
FEET OF TILE REPAIRED/REPLACED	3850
OUPS LOCATES COMPLETED FOR MAINTENANCE PROJECTS	318
AVERAGE COST ALL MAINT. PER MILE of Ditch/Tile/Dike ("R" FUNDS)	\$2,087.34
DEPT. FULL TIME EMPLOYEES	1
DEPT. PART-TIME/SEASONAL EMPLOYEES	0
VEHICLES ASSIGNED TO DITCH MAINTENANCE DEPT.	1
TOTAL ASSESSMENT COLLECTION FOR FY 2016	
TAXBASE FOR ALL MAINTAINED PROJECTS	\$15,360,257.74
TOTAL PROJECTS TO ASSESS FOR MAINTENANCE IN FY 2016	126
TOTAL TO COLLECT ON 2016 TAX DUPLICATE	\$205,166.12
6 YEAR UPDATES TO COMPLETE	
TOTAL REIMBURSEMENTS & COSTS ("R" FUNDS)	
TOTAL ALL COSTS ("R" FUNDS INCLUDING REIMBURSEMENTS)	\$224,681.48

MAINTENANCE DITCH SUMMARY

DITCH NAME	NO.	NEW ACC NO.	ACTIVITY NO.	ACTUAL BASE (COST)	20% OF ACTUAL BASE	DATE ACC	DITCH	TILE	C. B.	DIKES	R.B. SUBD	LAST 6 YR
ADAMS	19	R000-A19	08.7019	\$12,756.47	\$ 2,551.29	28-Aug-75	8,400					May-00
ANGEL'S PATH SUBD #1,2	118	R100-A18	08.7118	\$484,474.27	\$ 96,894.85	12-Dec-02		12,993	37		5	Dec-02
ANGELS POINTE SUBD. NO	135	R100-A35	08.7135	\$100,084.00	\$ 20,016.80	28-Jul-06		2,009	27		1	Jul-06
ARLINGTON HTS SUBD	85	R000-A85	08.7085	\$15,929.48	\$ 3,185.90	12-Oct-95	1,025	495	3		1	May-03
ATLANTIC AVE SUBD	60	R000-A60	08.7060	\$71,079.15	\$ 14,215.83	5-May-90		1,987	8		1	Mar-02
ATLANTIC AVE SUBD-2	76	R000-A76	08.7076	\$70,880.16	\$ 14,176.03	27-Oct-94		3,691	19		1	Sep-02
B & O	31	R000-A31	08.7031	\$22,795.02	\$ 4,559.00	4-Aug-81	6,201	500				Aug-81
BEATTY	36	R000-A36	08.7036	\$10,812.92	\$ 2,162.58	4-May-78	9,275					Mar-00
BEHNKE DITCH	111	R100-A11	08.7111	\$55,524.94	\$ 11,104.99	19-Oct-06	1,450	429	4			Oct-06
BLACK TILE	90	R000-A90	08.7090	\$113,707.38	\$ 22,741.48	29-Jul-99		3,504	18			Jul-99
BONE CREEK	132	R100-A23	08.7132	\$98,000.00	\$ 19,600.00	30-Jun-05		792	20		1	Jun-05
BOOS DITCH	50	R000-A50	08.7050	\$13,517.17	\$ 2,703.43	6-Aug-87	6,791					Oct-12
BOOS TILE	64	R000-A64	08.7064	\$9,294.95	\$ 1,858.99	21-May-92		535	4			Apr-04
BRENNER	108	R100-A08	08.7108	\$24,617.74	\$ 4,923.55	SAND CO						
BROWN-KUEBELER	17	R000-A17	08.7017	\$45,823.29	\$ 9,164.66	6-Jun-74	14,500					Jan-04
BURDETTE-WOOD	137	R100-A37	08.7137	\$157,000.79	\$ 31,400.16	12-Nov-12	4,382		490			Aug-13
CAMPBELL ST STORM SEW	105	R100-A05	08.7105	\$163,034.97	\$ 32,606.99	26-Sep-02		2,840	20			Sep-02
CASWELL	20	R000-A20	08.7020	\$3,304.11	\$ 660.82	26-Feb-77	2,300					Oct-12
CHAPPEL CREEK SUBD	81	R000-A81	08.7081	\$106,635.00	\$ 21,327.00	10-Jul-95		3,185	14		1	Mar-02
CHARLES SMITH DITCH	59	R000-A59	07.07059	\$31,523.92	\$ 6,304.78	10-Aug-89	11,750					Aug-89
CHURCH TILE	30	R000-A30	08.7030	\$34,086.29	\$ 6,817.26	28-May-81		2,584	18			Dec-03
CLAYTON	15	R000-A15	08.7015	\$39,552.35	\$ 7,910.47	17-May-73	40,779					May-00
COHA TILE	125	R100-A25	08.7125	\$8,589.91	\$ 1,717.98	28-Aug-97		2,430	1			Aug-97
COUNTRY ACRES SUBD	61	R000-A61	08.7061	\$4,783.95	\$ 956.79	7-Mar-91		500	2		1	Jun-00
COUNTRY CLUB TILE SUBD	44	R000-A44	08.7044	\$5,630.86	\$ 1,126.17	26-Jun-86		898	2			Feb-02
CREEKSIDE CIRCLE SUBD	43	R000-A62	08.7062	\$25,636.86	\$ 5,127.37	24-Apr-91		1,033	11			Nov-03
CROLL	62	R000-A43	08.7043	\$39,446.55	\$ 7,889.31	20-May-85	655	5,354	5			Oct-12
DAHS SUBD (S.M.F.)	115	R100-A15	08.7115	\$121,018.82	\$ 24,203.76	10-Jan-02		4,416	18		1	Jan-02
DAUCH	46	R000-A46	08.7046	\$11,103.77	\$ 2,220.75	13-Dec-84	2,020					Apr-00
DECHANT SUBD	77	R000-A77	08.7077	\$17,725.96	\$ 3,545.19	17-Nov-94		2,062	4		1	Dec-03
DEERWALK SUBD	79	R000-A79	08.7079	\$19,804.77	\$ 3,960.95	4-May-95		1,041	5		1	May-02
DELEMATRE	32	R000-A32	08.7032	\$31,683.85	\$ 6,336.77	3-Dec-81	12,564					Jun-03
DENMAN	22	R000-A22	08.7022	\$13,963.95	\$ 2,792.79	4-Aug-77	5,750					Oct-02
DILDINE	7	R000-A07	08.7007	\$12,470.18	\$ 2,494.04	25-Feb-65	3,800					May-04
EAGLE CREST SUBD	96	R000-A96	08.7096	\$82,284.89	\$ 16,456.98	24-Nov-97	1,000	2,249	8		1	Nov-03
EAGLE CREST SUBD-2	103	R100-A03	08.7103	\$116,764.72	\$ 23,352.94	2-Mar-00		5,022	17		1	Mar-00
EAGLE CREST SUBD-3	116	R100-A16	08.7116	\$70,079.20	\$ 14,015.84	25-Apr-02		2,120	11		2	Ap-02
EDISON RIDGE SUBD	67	R000-A67	08.7067	\$105,569.22	\$ 21,113.84	18-Feb-93		5,761	46		1	Mar-02
EDISON RIDGE SUBD-4	84	R000-A84	08.7084	\$40,738.72	\$ 8,147.74	7-Sep-95		2,044	14		1	Dec-03
EDSON CREEK	128	R100-A28	08.7128	\$14,959.14	\$ 2,991.83	26-Jul-01	3,440					Jul-01
ESTUARY SUBD	73	R000-A73	08.7073	\$30,814.01	\$ 6,162.80	2-Jun-94		1,606	6			Sep-02
EVERETT TILE	65	R000-A65	08.7065	\$22,032.23	\$ 4,406.45	1-Aug-94		899	5			Apr-04
FAIRVIEW LANES	14	R000-A14	08.7014	\$8,369.17	\$ 1,673.83	31-Jan-72	2,700					Jun-02

1/25/2017

16 ANN REPORT SUMMARY

MAINT DITCH SUM

DITCH NAME	NO.	NEW ACC NO.	ACTIVITY NO.	ACTUAL BASE (COST)	20% OF ACTUAL BASE	DATE ACC	DITCH	TILE	C. B.	DIKES	R.B. SUBD	LAST 6 YR
FICHTEL	23	R000-A23	08.7023	\$22,569.97	\$ 4,513.99	4-Aug-77	3,500					Aug-04
FOUR SEASONS SUBD	78	R000-A78	08.7078	\$141,605.40	\$ 28,321.08	10-Apr-95		6,445	20		1	Mar-02
HERBER TILE	54	R000-A54	08.7054	\$7,644.28	\$ 1,528.86	10-Sep-90		1,410	2			Jun-00
HERMES	25	R000-A25	08.7025	\$12,250.42	\$ 2,450.08	3-Oct-77	2,376					Sep-04
HINDE	6	R000-A06	08.7006	\$4,561.05	\$ 912.21	1-Aug-63	1,100					May-98
HOFFMAN	34	R000-A34	08.7034	\$152,469.69	\$ 30,493.94	29-Jul-82	2,909	2,570	7			Jul-13
HUFF RD DITCH	112	R100-A12	08.7112	\$39,538.75	\$ 7,907.75	8-May-03	1,940					May-03
HUMM TILE	33	R000-A33	08.7033	\$52,436.62	\$ 10,487.32	12-Jul-82		5,383	10			Oct-12
HUMM TILE II	126	R100-A26	08.7126	\$26,187.56	\$ 5,237.51	20-Aug-98		1,680	4			Aug-98
HURON GREEN SUBD	98	R000-A98	08.7098	\$334,391.28	\$ 66,878.26	16-Apr-98		13,082	111	1	1	Apr-04
HURON RIVER EST SUBD	63	R000-A63	08.7063	\$78,240.59	\$ 15,648.12	26-Sep-91		2,660	8		1	Sep-02
JOHNSON DITCH & TILE	55	R000-A55	08.7055	\$27,791.41	\$ 5,558.28	28-Jan-90	1,800	800	6			Jun-00
KALAHARI RESORT	122	R100-A22	08.7122	\$3,937,769.98	\$ 787,554.00	29-Apr-04		12,426	103		1	Apr-04
KARBLER	109	R100-A09	08.7109	\$5,066.14	\$ 1,013.23	SAND CO						
KNOTT-HUNTER	21	R000-A21	08.7021	\$23,546.99	\$ 4,709.40	4-Aug-77	3,155					Jun-04
KOB	13	R000-A13	08.7013	\$4,361.56	\$ 872.31	23-Nov-70	3,000					Oct-12
LAKECREST STM	138	R100-A38	08.7138	\$993,173.00	\$ 198,634.60	23-Oct-08		5,055	33		1	Oct-08
LAKEFIELD MANOR DEV SU	93	R000-A93	08.7093	\$133,255.10	\$ 26,651.02	15-May-97		2,859	8		1	May-97
LAYNE TILE	48	R000-A48	08.7048	\$3,475.93	\$ 695.19	5-Dec-85		501	3			Feb-02
MILLER RD TILE	53	R000-A53	08.7053	\$14,529.56	\$ 2,905.91	10-Dec-87		1,489	5			May-00
MILLWOOD SUBD	117	R100-A17	08.7117	\$82,733.21	\$ 16,546.64	24-Oct-02		2,589	17	1	1	Oct-02
MIX	9	R000-A09	08.7009	\$2,356.80	\$ 471.36	5-Aug-68	720					Aug-98
MUSHCASH	3	R000-A03	08.7003	\$20,790.68	\$ 4,158.14	11-Oct-61	2,360					Oct-04
NESSELHAUF	11	R000-A11	08.7011	\$2,629.88	\$ 525.98	5-Aug-68	1,950	560	4			Apr-89
NICKLES TILE	39	R000-A39	08.7039	\$3,011.22	\$ 602.24	27-Jun-83		1,125	11			Oct-12
ORCHARD COURT SUBD	89	R000-A89	08.7089	\$46,680.00	\$ 9,336.00	16-May-96		1,395			1	Oct-02
PLUMBROOK HILLS SUBD	71	R000-A71	08.7071	\$20,605.27	\$ 4,121.05	2-Dec-93		1,048	9		1	Dec-03
PLUMBROOK OAKS SUBD	40	R000-A40	08.7040	\$191,293.97	\$ 38,258.79	6-Jul-00		5,651	47	2	2	Jul-00
PORTLAND RD TILE	57	R000-A57	08.7057	\$6,896.32	\$ 1,379.26	11-Aug-88		2,462	6			Oct-12
QUARRY LAKE IND PRK	86	R000-A86	08.7086	\$410,055.74	\$ 82,011.15	19-Oct-95	1,282	4,832	47		1	Sep-02
ROLLING ACRES SUBD	69	R000-A69	08.7069	\$17,084.88	\$ 3,416.98	30-Sep-93		2,310	9		1	Dec-03
RYE BEACH	88	R000-A88	08.7088	\$7,627.13	\$ 1,525.43	24-Jul-97	200					Feb-04
SANCTUARY	136	R100-A36	08.7136	\$333,304.00	\$ 66,660.80	30-Aug-07	1,400	11,895	41	2	2	Aug-07
SANDUSKY CEMENT	12	R000-A12	08.7012	\$5,177.70	\$ 1,035.54	8-Aug-68	3,300					May-03
SANDY ACRES EST	119	R100-A19	08.7119	\$102,355.00	\$ 20,471.00	29-May-03		4,258	28		1	May-03
SASSAFRAS SUBD	66	R000-A66	08.7066	\$71,326.05	\$ 14,265.21	17-Dec-92		1,125	9		1	Sep-02
SCHERER TILE	26	R000-A26	08.7026	\$2,925.54	\$ 585.11	6-Feb-78		500				Oct-12
SCHLESSMAN	35	R000-A35	08.7035	\$6,234.27	\$ 1,246.85	8-Jul-82	7,935					Oct-12
SCHLESSMAN-TOMMAS	42	R000-A42	08.7042	\$4,299.88	\$ 859.98	11-Aug-83	750					Oct-12
SCHNEE-CLAYTON	45	R000-A45	08.7045	\$14,942.95	\$ 2,988.59	26-Nov-84	13,360					Nov-84
SCHNEE-ZENDRY	28	R000-A28	08.7028	\$15,305.68	\$ 3,061.14	3-Apr-80	14,746					Oct-12
SCHWEINFURTH	4	R000-A04	08.7004	\$3,669.86	\$ 733.97	20-Jun-63	2,900					Oct-12
SEBOLT	129	R100-29	08.7129	\$7,065.76	\$ 1,413.15	28-Mar-02	1,400					Mar-02
SHAKER HIGHLANDS	121	R100-A21	08.7121	\$114,285.65	\$ 22,857.13	11-Mar-04		3,350	25		1	Mar-04
SHEROD	127	R100-A27	08.7127	\$7,375.51	\$ 1,475.10	14-Jun-01	1,400					Jun-01

Ditch Maint Dept

MAINT DITCH SUM

(EXCL BREENER, KARBLER, WAHL)

16 Pay 2017 Assessments in accordance with section 6137.03 Of the Ohio Revised Code				
DITCH	NO	TOWNSHIP	TOTAL ASSESS %	AMT TO ASSESS
ADAMS	19	VERMILION	20.00%	\$2,551.29
ANGEL'S PATH SUBD	118	PERKINS	0.40%	\$1,937.90
ANGELS POINTE SUBD. NO 1	135	PERKINS	0.75%	\$750.63
ARLINGTON HTS SUBD	85	BERLIN	1.00%	\$159.29
ATLANTIC AVE SUBD	60	PERKINS	1.50%	\$1,066.19
ATLANTIC AVE SUBD-2	76	PERKINS	2.00%	\$1,417.60
B & O	31	PERKINS	7.00%	\$1,595.65
BEATTY	36	HURON	20.00%	\$2,162.58
BEHNKE DITCH	111	GROTON	1.50%	\$832.87
BLACK TILE	90	VERMILION	1.00%	\$1,137.07
BONE CREEK STORM SEWER	132	PERKINS	0.60%	\$588.00
BOOS DITCH	50	HURON	20.00%	\$2,703.43
BOOS TILE	64	HURON	0.75%	\$69.71
BRENNER (JT CTY)	108	SAND. CO.	2.00%	\$492.35
BROWN-KUEBELER	17	MARGARETTA	1.00%	\$458.23
BURDETTE-WOOD	137	GROTON	1.50%	\$2,355.01
CAMPBELL ST STORM SEW	105	PERKINS	0.50%	\$815.17
CASWELL	20	GROTON	20.00%	\$660.82
CHAPPEL CREEK SUBD	81	VERMILION	0.75%	\$799.76
CHARLES SMITH DITCH	59	GROTON / OXFORD	12.00%	\$3,782.87
CHURCH TILE	30	BERLIN	5.00%	\$1,704.31
CLAYTON	15	GROTON / OXFORD	20.00%	\$7,910.47
COHA TILE	125	FLORENCE	2.90%	\$249.11
COUNTRY ACRES SUBD	61	BERLIN	20.00%	\$956.79
COUNTRY CLUB TILE SUBD	44	HURON	7.00%	\$394.16
CREEKSIDE CIRCLE SUBD	62	MILAN	1.25%	\$320.46
CROLL	43	VERMILION	20.00%	\$7,889.31
DAHS SUBD-2	115	PERKINS	3.00%	\$2,766.58
DAUCH	46	HURON	5.00%	\$555.19
DECHANT SUBD	77	OXFORD	1.00%	\$177.26
DEERWALK SUBD	79	PERKINS	2.00%	\$396.10
DELEMATRE	32	OXFORD	10.00%	\$3,168.39
DENMAN	22	FLORENCE	20.00%	\$2,792.79
DILDINE	7	HURON	0.50%	\$62.35
EAGLE CREST SUBD-1	96	HURON	1.50%	\$1,234.27
EAGLE CREST SUBD-2	103	HURON	1.45%	\$1,693.09
EAGLE CREST SUBD-3	116	HURON	2.00%	\$1,401.58
EDISON RIDGE SUBD	67	MILAN	2.40%	\$2,533.66
EDISON RIDGE SUBD-4	84	MILAN	1.00%	\$407.39
EDSON CREEK	128	VERMILION	15.00%	\$2,243.87
ESTUARY SUBD	73	MILAN	1.50%	\$462.21
EVERETT TILE	65	HURON	0.50%	\$110.16
FAIRVIEW LANES	14	PERKINS	14.00%	\$1,171.68
FICHTEL	23	VERMILION	2.50%	\$564.25
FOUR SEASONS SUBD	78	HURON	5.00%	\$7,080.27
HERBER TILE	54	PERKINS	15.00%	\$1,146.64
HERMES	25	PERKINS	5.00%	\$612.52

DITCH	NO	TOWNSHIP	TOTAL ASSESS %	AMT TO ASSESS
HINDE	6	PERKINS	10.00%	\$456.11
HOFFMAN	34	HURON	3.50%	\$5,336.44
HUFF RD DITCH	112	BERLIN	1.00%	\$395.39
HUMM TILE	33	BERLIN	6.00%	\$3,146.20
HUMM TILE II	126	BERLIN	10.00%	\$2,618.76
HURON GREEN SUBD	98	HURON	0.70%	\$2,340.74
HURON RIVER EST SUBD	63	HURON	1.50%	\$1,173.61
JOHNSON DITCH & TILE	55	PERKINS	3.00%	\$833.74
KALAHARI RESORT	122	PERKINS / HURON	0.03%	\$1,181.33
KARBLER (JT CTY)	109	SAND. CO.	5.00%	\$253.31
KNOTT-HUNTER	21	FLORENCE	15.00%	\$3,532.05
KOB	13	PERKINS	20.00%	\$872.31
LAKECREST STM	138	PERKINS	0.10%	\$993.17
LAKEFIELD MANOR DEV	93	HURON	0.25%	\$333.14
LAYNE TILE	48	BERLIN	12.00%	\$417.11
MILLER RD TILE	53	PERKINS	3.00%	\$435.89
MILLWOOD SUBD	117	MILAN	1.25%	\$1,034.17
MIX	9	MARGARETTA	15.00%	\$353.52
MUSHCASH	3	MARGARETTA	4.00%	\$831.63
NESELHAUF	11	PERKINS	20.00%	\$525.98
NICKLES TILE	39	HURON	5.00%	\$150.56
ORCHARD COURT SUBD	89	PERKINS	1.00%	\$466.80
PLUMBROOK HILLS SUBD	71	HURON	0.75%	\$154.54
PLUMBROOK OAKS	40	HURON	0.50%	\$956.47
PORTLAND RD TILE	57	OXFORD	20.00%	\$1,379.26
QUARRY LAKE IND PRK	86	MARGARETTA	0.50%	\$2,050.28
ROLLING ACRES SUBD	69	FLORENCE	0.50%	\$85.42
RYE BEACH	88	HURON	10.00%	\$762.71
SANCTUARY	136	HURON	0.55%	\$1,833.17
SANDUSKY CEMENT	12	MARGARETTA	20.00%	\$1,035.54
SANDY ACRES EST	119	PERKINS	2.50%	\$2,558.88
SASSAFRAS SUBD	66	VERMILION	0.75%	\$534.95
SCHERER TILE	26	MARGARETTA	12.00%	\$351.06
SCHLESSMAN	35	HURON	20.00%	\$1,246.85
SCHLESSMAN-TOMMAS	42	OXFORD	20.00%	\$859.98
SCHNEE-CLAYTON	45	GROTON / OXFORD	5.00%	\$747.15
SCHNEE-ZENDRY	28	OXFORD	20.00%	\$3,061.14
SCHWEINFURTH	4	MARGARETTA	20.00%	\$733.97
SEBOLT DITCH	129	FLORENCE	20.00%	\$1,413.15
SHAKER HIGHLANDS	121	PERKINS	1.25%	\$1,428.57
SHEROD DITCH	127	VERMILION	9.50%	\$700.67
SONGWOOD RES SUB-1	92	HURON	1.50%	\$582.92
SONGWOOD RES SUB-2	110	HURON	1.50%	\$693.72
STARR-HEIMBERGER	8	HURON	10.00%	\$1,282.23
STEWART-THORNE	2	OXFORD	20.00%	\$3,080.94
STEWART-THORNE - B	80	OXFORD	20.00%	\$355.42
STIERHOFF TILE	107	HURON	1.25%	\$424.04
STONE-CLAYTON	27	OXFORD	20.00%	\$7,580.04
STRICKFADEN	16	HURON	5.00%	\$733.78
SWEETBRIAR STORM SEWER	74	KELLEY'S ISLAND	0.15%	\$1,921.34

DITCH	NO	TOWNSHIP	TOTAL ASSESS %	AMT TO ASSESS
TAILRACE	29	MARGARETTA	2.50%	\$211.32
TAYLOR BROOK SUBD	83	PERKINS	1.25%	\$277.57
TAYLOR DITCH	24	PERKINS	6.00%	\$5,811.27
TAYLOR TILE	38	HURON	10.00%	\$5,082.05
THE RESERVE 10	123	PERKINS	2.00%	\$1,026.28
THE RESERVE SUB-7	104	PERKINS	1.40%	\$1,773.62
THE RESERVE SUB-8,9	114	PERKINS	1.25%	\$1,102.11
TIMBERLAKE SUBD 3	70	PERKINS	2.50%	\$1,430.31
TIMBERLAKE SUBD-4	100	PERKINS	2.30%	\$1,412.89
TOMMAS DITCH	82	OXFORD	20.00%	\$463.41
TRINTER	18	VERMILION	20.00%	\$1,813.97
TWIN OAKS SUBD	87	MILAN	1.00%	\$1,479.29
TWIN OAKS SUBD-4	113	MILAN	1.75%	\$1,091.36
UNITED CHURCH HOMES	72	PERKINS	1.50%	\$659.88
VILLAGE HILL ESTATES PH. 1	133	MARGARETTA	2.00%	\$5,060.00
VINEYARDS SUBD. & WINE ST.	134	VERMILION	1.35%	\$3,012.36
WAHL DITCH	5	MARGARETTA	15.00%	\$1,972.27
WAHL JOINT COUNTY	130	SAND. CO.	3.00%	\$5.92
WAHL TILE	52	MARGARETTA	3.25%	\$295.45
WASHBURN DITCH	1	HURON	20.00%	\$2,505.15
WASHBURN TILE	49	VERMILION	10.00%	\$5,132.13
WHITES LANDING	47	MARGARETTA	12.00%	\$4,635.59
WHITES LANDING DIKE	102	MARGARETTA	0.20%	\$3,874.18
WILLARD MCCONNLEY	68	VERMILION	15.00%	\$1,140.70
WILLOW LAKE	124	HURON	1.50%	\$2,561.75
WINDAMERE SUBD 1	99	PERKINS	0.30%	\$338.77
WINDAMERE SUBD 2,3,4	106	PERKINS	1.25%	\$2,543.68
WINKLER	10	BERLIN	20.00%	\$954.72
WOBSER	41	GROTON	2.50%	\$210.16
126			TOTAL	\$200,449.59

GLOSSARY OF TERMS USED IN THIS DITCH MAINTENANCE REPORT	
C.B.	CATCH BASIN
DIVERSION	A DRAINAGE CHANNEL FOR DIVERTING SURFACE WATER RUNOFF AWAY FROM AN AREA.
MAINTENANCE ASSESSMENT	THE ESTIMATED COST OF MAINTENANCE FOR EACH PROJECT THAT IS ELIGIBLE UNDER THE <i>OHIO REVISED CODE 6141 & 6147</i> .
"R" FUNDS	THE ACCOUNT FOR EACH INDIVIDUAL MAINTENANCE PROJECT. IT IS REPLENISHED THROUGH ASSESSMENTS TO BENEFITING LANDOWNERS AS PER SCHEDULE "B" UNDER AUTHORITY OF THE <i>OHIO REVISED CODE SECTION 6137</i> .
R.B.	RETENTION BASIN (USED TO CONTROL RUN-OFF AND SILT.)
RETENTION BASIN	A POND USED TO CONTROL SEDIMENT AND FLOW FROM A LARGE DRAINAGE AREA MAINLY IN SUBDIVISIONS.
SCHEDULE "B"	A LIST OF NAMES, PARCEL NUMBERS, ACRES BENEFITED FOR EACH PARCEL OF PROPERTY DRAINING INTO A MAINTENANCE PROJECT, PARCEL DESCRIPTIONS, ETC. THIS LIST IS REQUIRED TO BE KEPT AND MAINTAINED BY THE <i>OHIO REVISED CODE SECTION 6137</i> .
SIX YR. UPDATE	A REVIEW OF THE TOTAL COSTS TO REDO THE ENTIRE PROJECT AT THE CURRENT COSTS. AS A RESULT, THE MAINTENANCE ASSESSMENT TAX BASES ARE BASED ON CURRENT COSTS. THIS REQUIRES A LEGAL HEARING BEFORE THE CO. COMMISSIONERS AS REQUIRED IN THE <i>OHIO REVISED CODE SECTION 6137.11</i> .
STRUCTURE	A LINED CHUTE CONSISTING OF LARGE LIMESTONE TO PREVENT EROSION OF DITCH BANKS AT A POINT WHERE A LARGE AMOUNT OF SURFACE RUN OFF ENTERS THE CHANNEL.
SUBD.	SUBDIVISION.
TAX BASE	THE AMOUNT EACH INDIVIDUAL MAINTENANCE PROJECT IS BASED ON FOR ASSESSMENTS. THIS AMOUNT IS THE TOTAL COST OF THE PROJECT WHEN IT IS PLACED ON THE MAINTENANCE PROGRAM. UNDER THE <i>OHIO REVISED CODE SECTION 6137</i> , THE AMOUNT COLLECTED CAN NOT EXCEED 20% OF THE ORIGINAL COST.

Respectfully Submitted,


 Neil A. Hemminger, Ditch Maintenance Supervisor

THE ERIE COUNTY TAX MAP DEPARTMENT

2016 ANNUAL REPORT

At the Erie County Tax Map Office, we continue to maintain a dual mapping system. We update both the digital maps as well as the paper maps on a daily basis. This provides the citizens of Erie County the most comprehensive information available for each parcel.

Listed below are our monthly transfer totals. Real estate transfers are one of the most important jobs performed in the Tax Map Office, allowing the public to have day-to-day access of property owner information in the county.

Parcel Transfers for 2016:

January	233
February	250
March	324
April	281
May	297
June	302
July	302
August	324
September	295
October	296
November	333
December	279
Total:	3516

Splits/Combinations/New Surveys/Plats Total Filed 2014 : 255

Splits/Combinations/New Surveys/Plats Total Filed 2015 : 176

Splits/Combinations/New Surveys/Plats Total Filed 2016 : 152

Submitted by,



Amanda S. Buser, P.S.
Office Archives Technician