

# SUPPLEMENTAL ANNUAL REPORT

## 2015-2016



**EATON COUNTY**  
**ROAD COMMISSION**

1112 Reynolds Road | Charlotte, MI 48813 | 517-543-1630

[www.eatoncountyroad.com](http://www.eatoncountyroad.com)

Version 3-17





## SUPPLEMENTAL ANNUAL REPORT

OCTOBER 1, 2015 – SEPTEMBER 30, 2016

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### ***Board of Eaton County Road Commissioners***



Dorothy E.  
Maxwell

CHAIR

*Term expires:*  
12-31-2019

Duane A.  
Eldred

VICE CHAIR

*Term expires:*  
12-31-2019

Timothy J.  
Lamoreaux

MEMBER

*Term expires:*  
12-31-2016

Benjamin S.  
Lyons

MEMBER

*Term expires:*  
12-31-2020

Darrell R.  
Tennis

MEMBER

*Term expires:*  
12-31-2016

**BLAIR E. BALLOU, P.E., *ENGINEER-MANAGER***

**LORI N. FRIEDLIS, CPA, *FINANCE DIRECTOR***



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# INTRODUCTION

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The Eaton County Road Commission was established in 1912 by resolution of the County Board of Supervisors and charged by law with the duty “to keep in reasonable repair, so that they shall be reasonably safe and convenient for public travel, all county roads, bridges, and culverts that are under their care and control, and which are open to public travel.”



State law also requires the Road Commission to permit and regulate certain activities in road right-of-way, authorizes the Road Commission to set reasonable standards for adopting new roads into the county system and to enforce state restrictions on vehicle size and weight on county roads.

Over the past 105 years, the Eaton County road system has grown to include 391 miles that are now designated as Primary roads. Passage of the McNitt Act in 1931 abolished the old township road system and transferred over 650 miles of township roads to the Road Commission. These old township roads, together with over 120 miles of subdivision streets built since that time,



make up what is now the 781 mile system of County Local roads. Overall, 57%, or 673 miles, of all Eaton County roads are paved, with the remaining 500 miles being gravel surfaced but otherwise unimproved.

Routine maintenance by Road Commission workers is organized into four service areas. Crews

working in the southeast and southwest areas of the County operate out of the main garage in Charlotte. The northwest quarter of the County is served by the crew based in Vermontville, and the northeast area covered by workers from our garage in Delta Township.

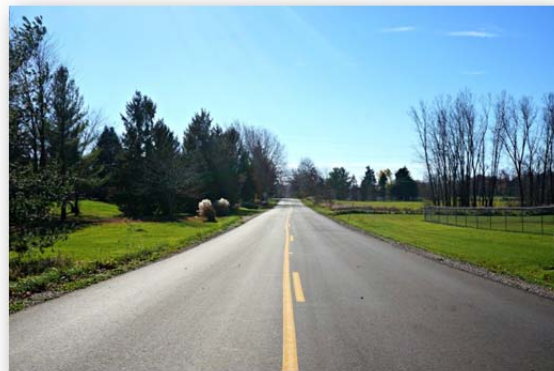


While the Road Commission continues to use its own forces for emergency and minor repairs, and most of the routine maintenance of snow removal, gravel blading and seal coating, all construction and most other heavy maintenance work is performed by private contractors selected through competitive bids. Many other routine maintenance operations that require specialized equipment such as mowing, pavement markings and street sweeping are also provided by private firms. The dollar amount contracted with private companies in fiscal year 2015-2016 equaled 59% of the total expenditures for road maintenance and construction.

On Primary Roads in 2016 the Road Commission completed a project to partially reconstruct and resurface St. Joe Highway from Canal Road to Creyts Road using Federal USTP grant funds for 81.85% of the \$670,000 construction cost of the project.

The Primary Road resurfacing program in 2016 included 66 miles of sealcoating with a fog seal cover and 3.8 miles of asphalt overlay work.

No Primary Road bridges were replaced in 2016.



On Local Roads in 2016, the second year of the 12-year road rehabilitation millage program, the Road Commission repaired and resurfaced 27.8 miles of paved Local Roads and re-graded and re-graveled 29.8 miles of unimproved Local Roads. While those projects are noted in the following pages, a separate supplemental report regarding the millage program projects with supporting information is available.

On Local Road bridges in 2016, the Road Commission was able to remove and replace the St. Joe Highway bridge over the Sebewa Creek in Sunfield Township using State and Federal Critical Bridge funds to pay 95% of the \$705,000 construction costs. Sunfield Township and the Road Commission shared equally the \$164,000 local costs of the project.



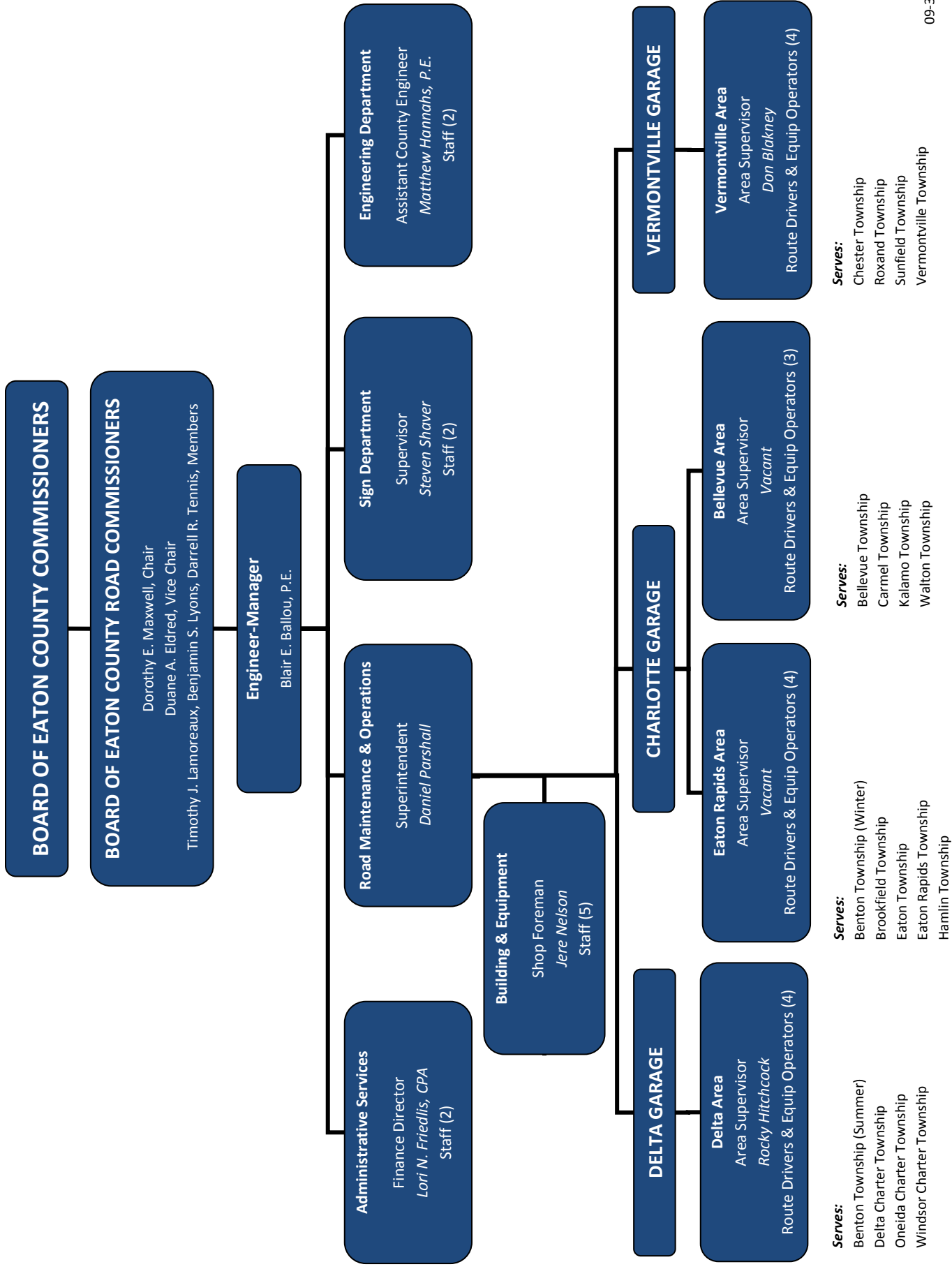
While the Road Commission's first priority is public safety on all county roads, we continue to work towards keeping the existing good roads in Eaton County in good condition, rather than deferring needed maintenance in order to pay for the construction of new paved roads.

Recognizing the need for long range planning for improvements on the county road system, the Road Commission participates in the Tri-County Regional Planning Commission planning process, and actively competes for Federal and State grant funds and other local government funds for specific improvement projects whenever possible.

The Road Commission welcomes comments, suggestions and discussion on both programs and specific projects at any time.







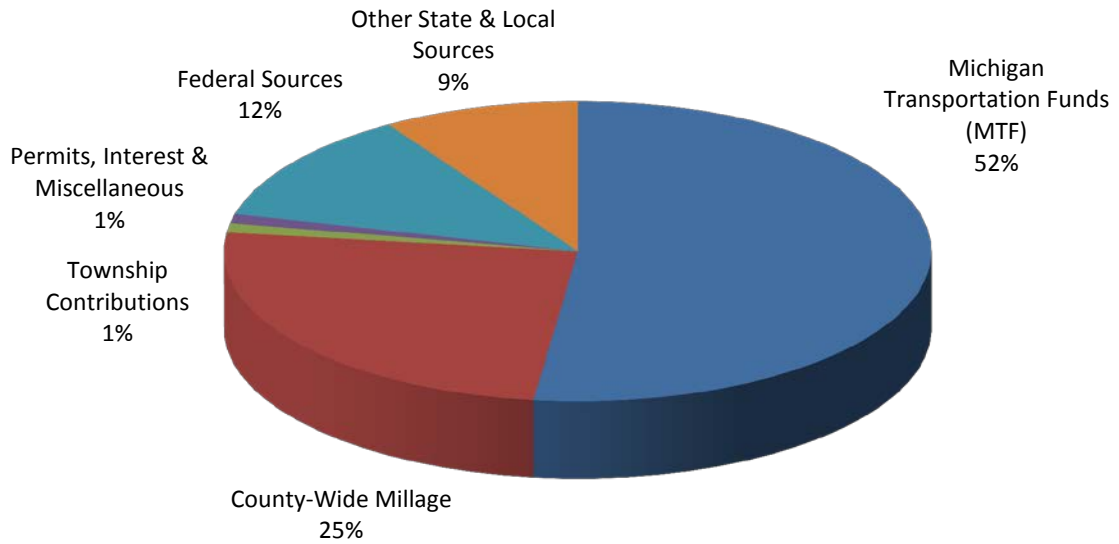


# FINANCIAL SUMMARY

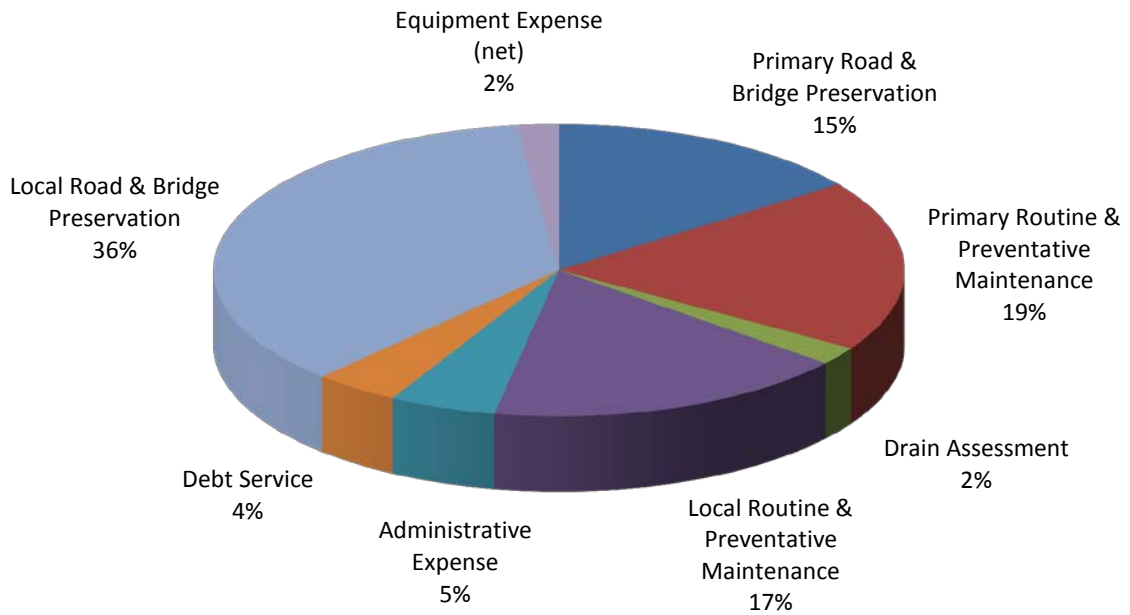
	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
	ACTUAL	ACTUAL	ACTUAL	ACTUAL	BUDGET
<b>REVENUES</b>					
County-Wide Millage	\$ -	\$ -	\$ 3,790,275	\$ 3,964,993	\$ 3,964,067
Permit Revenue	77,540	80,116	76,449	75,358	75,000
Intergovernmental:					
Federal Sources	1,614,966	3,212,498	2,215,891	1,872,677	1,319,235
Michigan Transportation Funds	7,695,041	7,871,876	8,057,044	8,315,167	9,981,169
Other State Sources	328,866	900,246	1,605,878	1,437,457	140,834
Township Contributions	773,359	500,127	228,788	190,786	475,875
Other Local Sources	18,997	172,475	45,295	34,263	-
Charges for Services	-	-	-	10	-
Interest and Rentals	728	9,043	6,350	16,582	13,765
Other Revenue	184,348	114,989	249,115	102,666	129,413
Proceeds from Sale of Bonds	2,595,000	-	-	-	-
<b>Total Revenues</b>	<b>\$ 13,288,845</b>	<b>\$ 12,861,370</b>	<b>\$ 16,275,085</b>	<b>\$ 16,009,959</b>	<b>\$ 16,099,358</b>
<b>EXPENDITURES</b>					
Primary Roads and Bridges:					
Construction/Capacity Improvements	\$ 353,283	\$ 4,674	\$ 3,931	\$ -	\$ -
Preservation/Structural Improvements	1,873,205	4,836,894	4,234,000	2,243,254	2,543,102
Routine Maintenance	1,496,039	2,138,219	1,529,171	1,522,790	2,300,000
Preventative Maintenance	1,617,157	1,376,719	1,537,339	1,456,166	1,500,000
Local Roads and Bridges:					
Construction/Capacity Improvements	-	-	-	-	-
Preservation/Structural Improvements	972,042	428,351	4,333,585	5,533,196	5,419,228
Routine Maintenance	2,002,286	2,168,422	2,622,198	2,601,549	3,000,000
Preventative Maintenance	132,862	164,736	29,086	18,235	-
Equipment Expense (net)	(312,783)	(57,828)	19,545	232,099	-
Administration (net)	796,698	843,614	819,702	830,648	850,000
Maintenance Service for Other Units	197,481	129,478	81,678	74,024	100,000
Non-Road Projects	1,716	245,280	36,976	-	-
Capital Outlay (net)	(186,888)	247,952	247,190	48,814	538,000
Debt Service	3,170,166	571,400	549,847	533,495	517,282
Drain Assessment	376,007	242,823	282,733	277,045	350,000
<b>Total Expenditures</b>	<b>\$ 12,489,271</b>	<b>\$ 13,340,734</b>	<b>\$ 16,326,981</b>	<b>\$ 15,371,315</b>	<b>\$ 17,117,612</b>
Net Revenues (Expenditures)	799,574	(479,364)	(51,896)	638,644	(1,018,254)
Fund Balance at Beginning of Year	4,969,120	5,768,694	5,289,330	5,237,434	5,876,078
<b>Fund Balance at End of Year</b>	<b>\$ 5,768,694</b>	<b>\$ 5,289,330</b>	<b>\$ 5,237,434</b>	<b>\$ 5,876,078</b>	<b>\$ 4,857,824</b>



## REVENUE

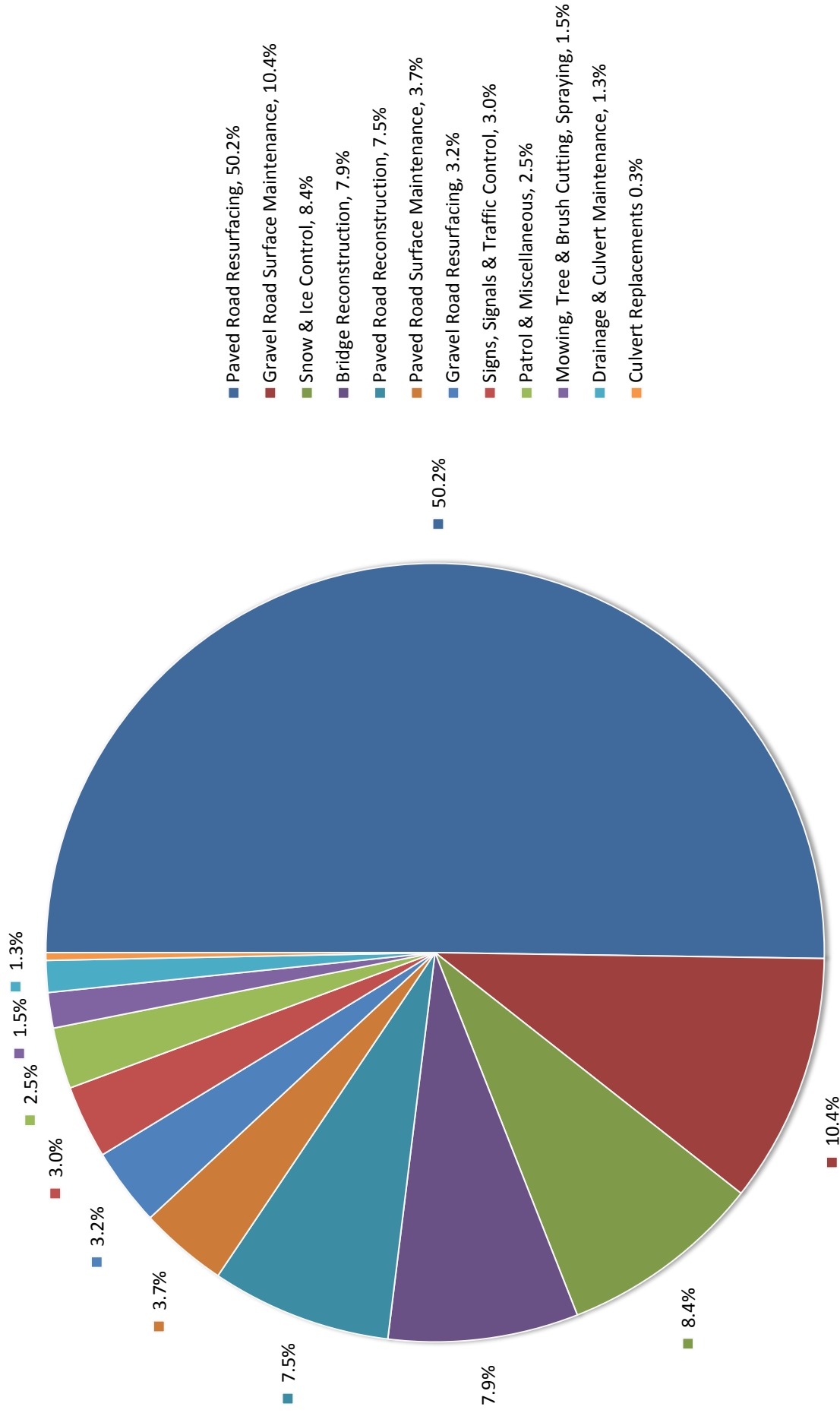


## EXPENDITURES

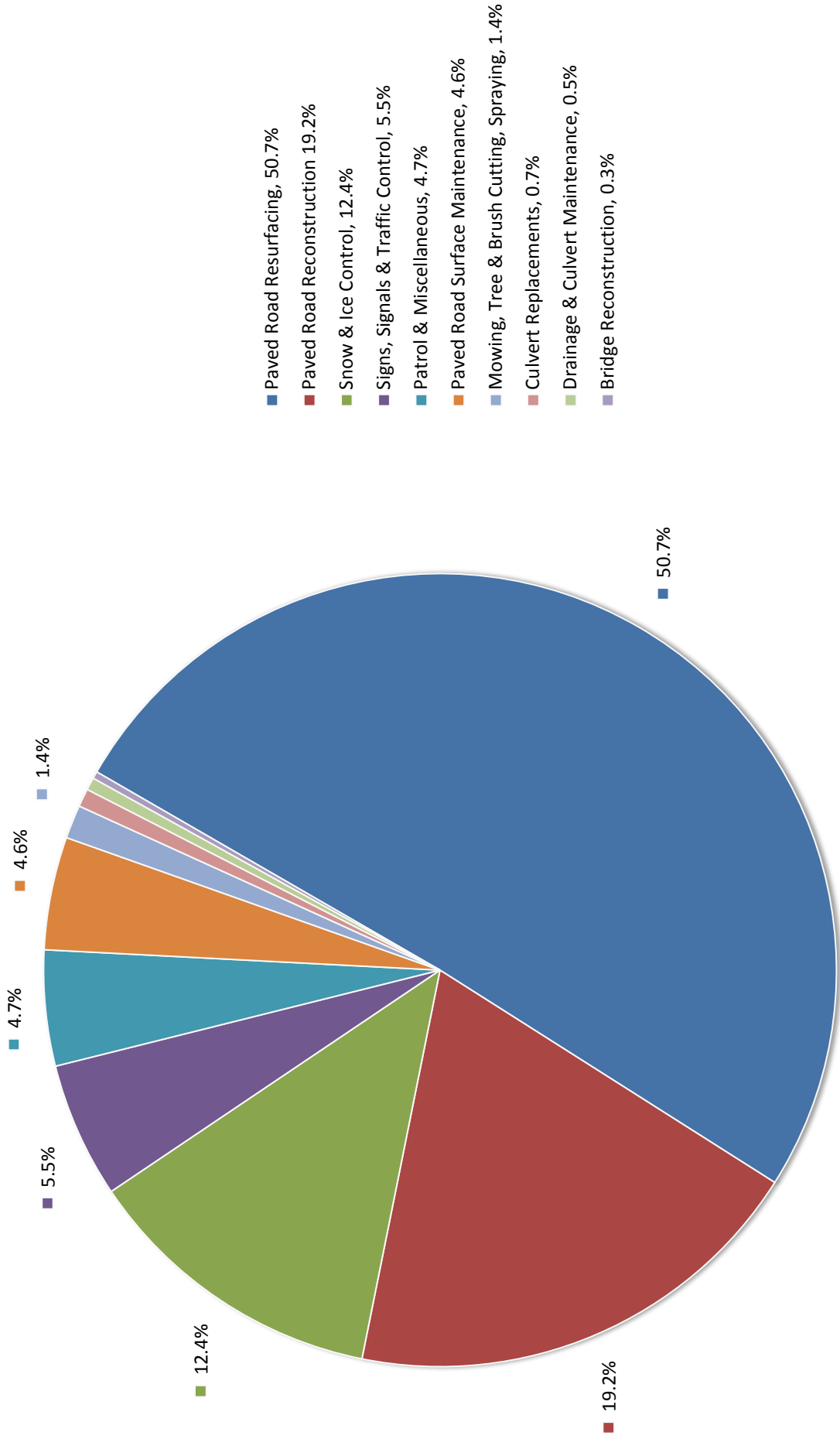




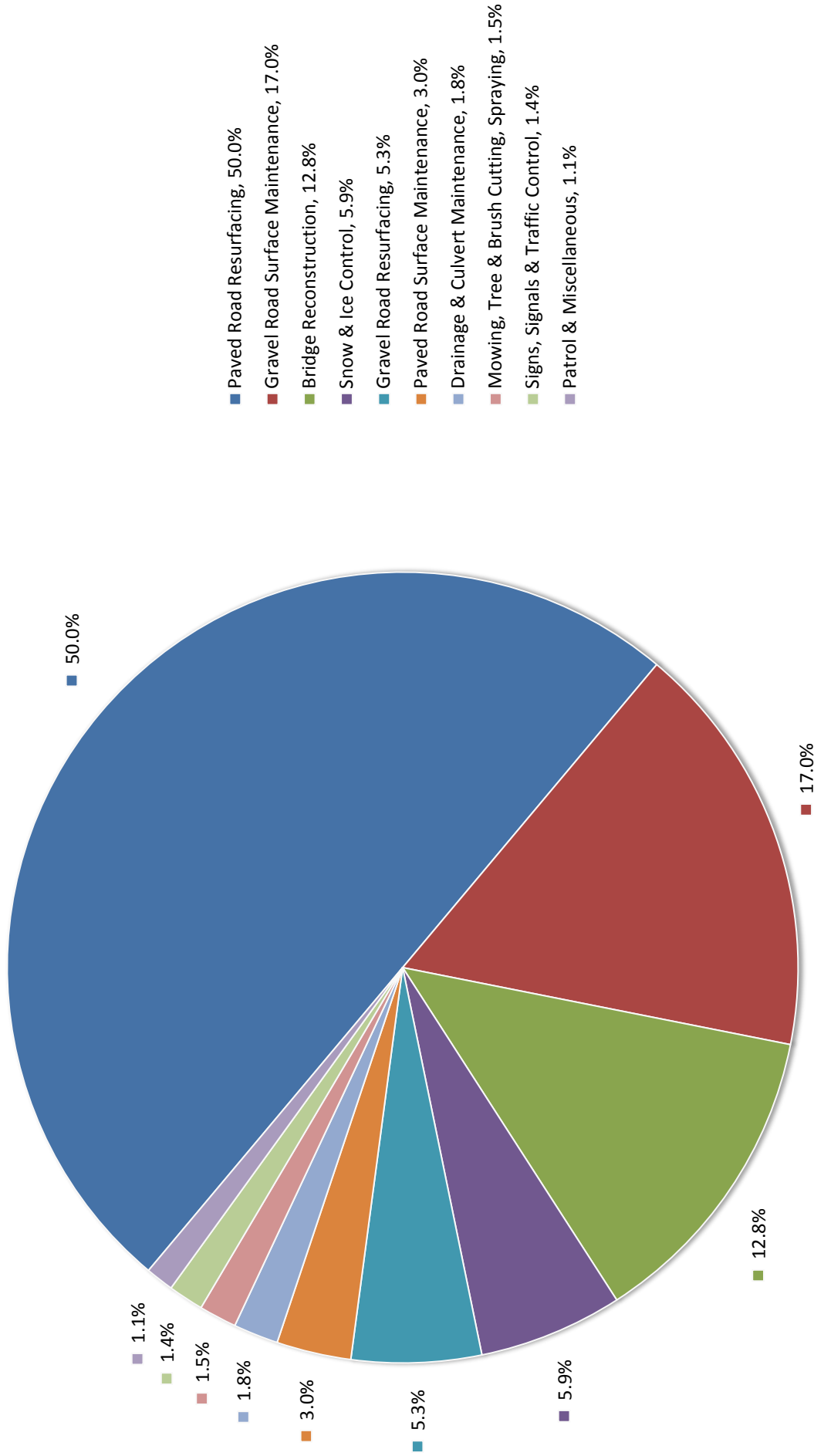
# OVERALL PRIMARY AND LOCAL ROAD AND BRIDGE EXPENDITURES



# PRIMARY ROAD AND BRIDGE EXPENDITURES



# LOCAL ROAD AND BRIDGE EXPENDITURES





# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### SUMMARY

Primary Roads:

Total Construction/Capacity Improvement Projects	\$	-
Total Preservation/Structural Improvement Projects	\$	2,243,254
Total Preventative Maintenance Projects	\$	<u>1,456,166</u>
<b>Total Primary Road and Bridge Projects</b>	<b>\$</b>	<b><u><u>3,699,420</u></u></b>

Local Roads:

Total Construction/Capacity Improvement Projects	\$	-
Total Preservation/Structural Improvement Projects	\$	5,533,196
Total Preventative Maintenance Projects	\$	<u>18,235</u>
<b>Total Local Road and Bridge Projects</b>	<b>\$</b>	<b><u><u>5,551,431</u></u></b>

**Grand Total** **\$** **9,250,851**



# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### BELLEVUE TOWNSHIP

#### **Primary Roads:**

Assyria Hwy, Pease to Curtis <i>2016 Sealcoat</i>	2.07 mi	\$	37,198
Ionia Rd, Five Point to Bellevue village limit <i>2015 Sealcoat</i>	4.17 mi	\$	1,133
Love Hwy, Pease to village limit <i>2016 Sealcoat</i>	0.50 mi	\$	13,231
Pease Rd, M-78 to Assyria <i>2016 Sealcoat</i>	1.52 mi	\$	26,477

#### **Local Roads:**

Alpha Dr, Sand to Sand <i>2015 Local Road Millage Paved Road Resurface</i>	0.22 mi	\$	21,854
Baseline Hwy at the I-69 overpass <i>2015 Local Road Millage Paved Road Resurface</i>	0.27 mi	\$	533
Edgewood Rd, Battle Creek to Reynolds <i>2016 Local Road Millage Paved Road Resurface</i>	1.01 mi	\$	95,760
Pease Rd, Follett to the curve <i>2016 Local Road Millage Regravel</i>	2.11 mi	\$	36,600
Reynolds Rd, W Butterfield to the county line <i>2015 Local Road Millage Regravel</i>	1.62 mi	\$	13,685

**Bellevue Township Total** \$ 246,471

**Bellevue Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### BENTON TOWNSHIP

#### **Primary Roads:**

Cochran Rd, Pinch to Needmore <i>2016 Sealcoat</i>	1.94 mi	\$	36,485
Doane Hwy, Otto to M-100 <i>2015 Sealcoat</i>	2.99 mi	\$	661
Hartel Rd, Kinsel to King <i>2015 Sealcoat</i>	1.54 mi	\$	944
Oneida Rd, Doane to Oneida Twp line <i>2015 Sealcoat</i>	0.44 mi	\$	198
Otto Rd, Kinsel to Doane <i>2016 Sealcoat</i>	5.52 mi	\$	100,086
Vermontville Hwy, Cochran to city limit <i>2016 Sealcoat</i>	4.18 mi	\$	101,938
Windsor Hwy, M-100 to Royston <i>2016 Sealcoat</i>	1.00 mi	\$	22,831

#### **Local Roads:**

Benton Rd, Santee to Needmore <i>2016 Local Road Millage Paved Road Resurface</i>	0.94 mi		101622
Gresham Hwy, M-100 to Royston <i>2015 Local Road Millage Paved Road Resurface</i>	0.99 mi	\$	1,755
Pinch Hwy, Otto to Oneida <i>2016 Local Road Millage Regravel</i>	1.01 mi	\$	18,799
Stewart Rd, Kinsel to end of pavement <i>2016 Local Road Millage Regravel</i>	0.42 mi	\$	8,090

**Benton Township Total** \$ 393,409

**Benton Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### BROOKFIELD TOWNSHIP

#### **Primary Roads:**

Bellevue Hwy, Brookfield to township line <i>2016 Sealcoat</i>	2.01 mi	\$	29,491
Bellevue Hwy, Thuma to Royston <i>2015 Sealcoat</i>	1.00 mi	\$	4,683
Cochran Rd over the East Page Drain <i>2015 Culvert Replacement</i>		\$	2,143
Cochran Rd, Baseline to Five Point <i>2016 Sealcoat</i>	6.07 mi	\$	87,960
Narrow Lake Rd over the Wilton Intercounty Drain <i>2015 Culvert Replacement</i>		\$	7,957

#### **Local Roads:**

Brookfield Rd, Bellevue to Mahan <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	100,670
Coats Rd, Narrow Lake to end of pavement <i>2015 Local Road Millage Paved Road Resurface</i>	0.80 mi	\$	497
Hunt Hwy, Coats to Lake <i>2015 Local Road Millage Paved Road Resurface</i>	0.33 mi	\$	731
Nye Hwy, Cochran to Sherman <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	8,383

**Brookfield Township Total** \$ 242,515

**Brookfield Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### CARMEL TOWNSHIP

#### **Primary Roads:**

Ainger Rd, Five Point to Kalamo <i>2016 Sealcoat</i>	2.01 mi	\$	29,523
Beech Hwy, Wheaton to city limit <i>2016 Sealcoat</i>	0.50 mi	\$	9,858
Chester Rd, Kalamo to Lawrence <i>2015 Sealcoat</i>	2.02 mi	\$	1,458
Five Point Hwy, Maurer to Matthews <i>Culvert Installation</i>		\$	38,712
Wheaton Rd, Valley to M-79 <i>2016 Sealcoat</i>	1.14 mi	\$	24,306

#### **Local Roads:**

Broadway Hwy, Cochran to end of pavement <i>2015 Local Road Millage Paved Road Resurface</i>	1.19 mi	\$	235
Gregory Ln, Battle Creek to Carlisle <i>2016 Local Road Millage Paved Road Resurface</i>	0.20 mi	\$	16,207
Joan Dr, Gregory to Battle Creek <i>2016 Local Road Millage Paved Road Resurface</i>	0.13 mi	\$	12,500
Stine Rd, Battle Creek to Lawrence <i>2016 Local Road Millage Regravel</i>	3.10 mi	\$	47,860
Stine Rd, Battle Creek to Five Point <i>2016 Sealcoat</i>	1.01 mi	\$	18,235

**Carmel Township Total** \$ 198,894

**Carmel Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### CHESTER TOWNSHIP

**Primary Roads:**

Vermontville Hwy, Bradley to Cochran <i>2016 Sealcoat</i>	6.13 mi	\$	143,811
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**Local Roads:**

Allegan Rd, Dow to M-50 <i>2015 Local Road Millage Paved Road Resurface</i>	1.44 mi	\$	611
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Gresham Hwy, Wheaton to Cochran <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	19,343
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Kinsel Hwy, Wheaton to Clinton Trail <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	107,304
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<b>Chester Township Total</b>		\$	271,069
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<b>Chester Township Contributions</b>		\$	-
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# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### DELTA TOWNSHIP

#### **Primary Roads:**

Canal Rd, St. Joe to Mt. Hope <i>2016 Asphalt Overlay</i>	1.00 mi	\$	95,646
Davis Hwy, Canal to Guinea <i>2016 Sealcoat</i>	1.01 mi	\$	32,352
Mt. Hope Hwy, Lansing to Old Lansing <i>2016 Asphalt Overlay</i>	0.20 mi	\$	21,778
Old Lansing Rd, Mt. Hope to Waverly <i>2016 Asphalt Overlay</i>	0.17 mi	\$	15,284
Old River Trail, Canal to Webster <i>2016 Asphalt Overlay</i>	0.70 mi	\$	80,832
Snow Rd, I-496 to St. Joe <i>2015 Asphalt Overlay</i>	0.44 mi	\$	1,695
Snow Rd, I-496 to St. Joe <i>2016 Pavement Repair</i>		\$	7,755
Snow Rd at Michigan and St. Joe <i>2016 Signal Modernization</i>		\$	11,794
Snow Rd, I-496 to Mt. Hope <i>2016 Asphalt Overlay</i>	0.50 mi	\$	70,563
St. Joe Hwy, Marketplace to Canal <i>2015 Reconstruct</i>	0.40 mi	\$	485,873
St. Joe Hwy, Canal to Creyts <i>2016 Resurface</i>	1.00 mi	\$	754,836
St. Joe Hwy, Royston to Nixon <i>2015 Sealcoat</i>	0.95 mi	\$	264
Webster Rd, Armstrong to Delta River <i>2015 Asphalt Overlay</i>	0.45 mi	\$	7,769
Willow Hwy, Elmwood to Waverly <i>2017 Asphalt Overlay</i>	1.50 mi	\$	9,543

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### DELTA TOWNSHIP CONTINUED

#### **Local Roads:**

Appaloosa Way, Delta River to E Broadmoor <i>2015 Local Road Millage Paved Road Resurface</i>	0.28 mi	\$	477
Arabian Circle, W Broadmoor to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.06 mi	\$	394
Arlene Dr, Dibble to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.28 mi	\$	2,673
Barnestable Ln, W Broadmoor to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.06 mi	\$	394
Baywood Blvd, Delta River to Broadmoor <i>2015 Local Road Millage Paved Road Resurface</i>	0.05 mi	\$	4,957
Blanche Ave, Woodhaven to Dibble <i>2016 Local Road Millage Paved Road Resurface</i>	0.16 mi	\$	16,321
Bretton Rd, Elizabeth to Saginaw <i>2015 Local Road Millage Paved Road Resurface</i>	0.25 mi	\$	252
E Broadmoor Dr, Arabian to Baywood <i>2015 Local Road Millage Paved Road Resurface</i>	0.37 mi	\$	43,823
W Broadmoor Dr, Arabian to Baywood <i>2015 Local Road Millage Paved Road Resurface</i>	0.42 mi	\$	44,874
Canyon Trl, Sagebrush to Willow <i>2016 Local Road Millage Paved Road Resurface</i>	0.38 mi	\$	54,261
Carriage Hill, E Broadmoor to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	11,021
Central Circle, Creyts to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.56 mi	\$	163,865
Chieho Dr, Creyts to Chris J <i>2016 Local Road Millage Paved Road Resurface</i>	0.21 mi	\$	19,387
Chris J Dr, Karen Lee to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.22 mi	\$	24,911
Cindy Dr, Karen Lee to Chieho <i>2016 Local Road Millage Paved Road Resurface</i>	0.18 mi	\$	22,370

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### DELTA TOWNSHIP CONTINUED

Claiborne Dr, Arlene to Dibble <i>2015 Local Road Millage Paved Road Resurface</i>	0.12 mi	\$	1,837
Clinton Rd, Delta River to Vermont <i>2015 Local Road Millage Paved Road Resurface</i>	0.22 mi	\$	1,149
Clydesdale Rd, E Broadmoor to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.27 mi	\$	1,295
Cobblestone Ln, Stoney Brook to Stoney Brook <i>2016 Local Road Millage Paved Road Resurface</i>	0.36 mi	\$	38,921
Davis Hwy, Centerline to township line <i>2015 Local Road Millage Paved Road Resurface</i>	0.18 mi	\$	71,029
Davis Hwy, Royston to Nixon <i>2016 Local Road Millage Paved Road Resurface</i>	0.95 mi	\$	150,172
Dibble Rd, Michigan to Saginaw <i>2015 Local Road Millage Paved Road Resurface</i>	0.58 mi	\$	6,515
Dibble Blvd, St. Joe to Michigan <i>2016 Local Road Millage Paved Road Resurface</i>	0.51 mi	\$	71,516
Dickson Rd, Jerryson to Nixon <i>2015 Local Road Millage Paved Road Resurface</i>	0.22 mi	\$	191
Eddie Dr, Karen Lee to Chieho <i>2016 Local Road Millage Paved Road Resurface</i>	0.18 mi	\$	25,293
Elizabeth Rd, Maycroft to Robins <i>2015 Local Road Millage Paved Road Resurface</i>	0.17 mi	\$	897
Empire Way, Westland to Westland <i>2016 Local Road Millage Paved Road Resurface</i>	0.41 mi	\$	69
Flintrock Dr, Cobblestone to Stoney Brook <i>2016 Local Road Millage Paved Road Resurface</i>	0.36 mi	\$	40,985
Foal St, Pinto to Appaloosa <i>2015 Local Road Millage Paved Road Resurface</i>	0.13 mi	\$	394
Gettysburg Dr, Vicksburg to Roundtop <i>2015 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	333

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### DELTA TOWNSHIP CONTINUED

Gull Rd, Meadowview to Harvest <i>2016 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	13,841
Harpers Way, Shiloh to Roanoke <i>2015 Local Road Millage Paved Road Resurface</i>	0.26 mi	\$	2,405
Harrison Ct, Worthmore to Karen Lee <i>2016 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	22,906
Harvest Ln, Gull to Otis <i>2016 Local Road Millage Paved Road Resurface</i>	0.65 mi	\$	77,201
Jerryson Dr, St. Joe to Dickson <i>2015 Local Road Millage Paved Road Resurface</i>	0.23 mi	\$	568
Jolly Rd, Williams to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.38 mi	\$	276
Karen Lee Dr, Creyts to Chris J <i>2016 Local Road Millage Paved Road Resurface</i>	0.21 mi	\$	25,399
E Libbie Dr, Old Lansing to W Libbie <i>2015 Local Road Millage Paved Road Resurface</i>	0.21 mi	\$	383
Malpaso Ln, Sagebrush to Canyon <i>2016 Local Road Millage Paved Road Resurface</i>	0.26 mi	\$	38,393
Marcia Dr, Claiborne to Michigan <i>2015 Local Road Millage Paved Road Resurface</i>	0.15 mi	\$	1,837
Marys Way, Meadowview to Harvest <i>2016 Local Road Millage Paved Road Resurface</i>	0.11 mi	\$	11,379
Maycroft Rd, Saginaw to Elizabeth <i>2015 Local Road Millage Paved Road Resurface</i>	0.25 mi	\$	1,795
Meade Dr, Shiloh north 455' <i>2015 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	309
Meadowview Dr, Gull to St. Joe <i>2016 Local Road Millage Paved Road Resurface</i>	0.32 mi	\$	42,985
Meister Ln, Delta River to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	788

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### DELTA TOWNSHIP CONTINUED

Michelle Circle, Meadowview to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.05 mi	\$	10,817
Oakcrest Dr, Meadowview to Harvest <i>2016 Local Road Millage Paved Road Resurface</i>	0.11 mi	\$	13,966
Otis St, Dibble to curb ending <i>2016 Local Road Millage Paved Road Resurface</i>	0.12 mi	\$	12,124
Parkside Rd, Sunnydale to Schoolhouse <i>2016 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	11,490
Pebble Pl, Cobblestone to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.04 mi	\$	6,479
Picketts Way, Meade to Rapidan <i>2016 Local Road Millage Paved Road Resurface</i>	0.32 mi	\$	33,477
Pinto Circle, Belgian to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.29 mi	\$	394
Rapidan Dr, Picketts to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	2,053
Rapidan Dr, St. Joe to Picketts <i>2016 Local Road Millage Paved Road Resurface</i>	0.08 mi	\$	9,210
Roanoke Way, Roundtop to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.21 mi	\$	607
Rockbridge Rd, Nixon to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.24 mi	\$	37,157
Roundtop Rd, Gettysburg north 470' <i>2015 Local Road Millage Paved Road Resurface</i>	0.09 mi	\$	276
Sagebrush, Canyon to Malpaso <i>2016 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	9,231
San Gabriel Ln, Canyon to Willow <i>2016 Local Road Millage Paved Road Resurface</i>	0.16 mi	\$	25,312
Schoolhouse Rd, Parkside to Windy Ridge <i>2016 Local Road Millage Paved Road Resurface</i>	0.14 mi	\$	19,710

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

---

### DELTA TOWNSHIP CONTINUED

Shiloh Way, Rapidan to Harpers <i>2015 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	1,165
Skyway Ln, Old Lansing to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.11 mi	\$	5,644
Stone Ridge Dr, Saginaw to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.20 mi	\$	1,417
Stoney Brook Dr, St. Joe to Rockbridge <i>2016 Local Road Millage Paved Road Resurface</i>	0.48 mi	\$	91,406
Sunnydale, Parkside to Windy Ridge <i>2016 Local Road Millage Paved Road Resurface</i>	0.14 mi	\$	19,840
Thomas L Parkway, Saginaw to Arlene <i>2015 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	856
Vermont St, Delta River to Clinton <i>2015 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	1,184
Vicksburg Dr, Roundtop SW 900' <i>2015 Local Road Millage Paved Road Resurface</i>	0.18 mi	\$	790
Westland Way, Empire to Creyts <i>2016 Local Road Millage Paved Road Resurface</i>	0.50 mi	\$	103
Windy Ridge, Sunnydale to Willow <i>2016 Local Road Millage Paved Road Resurface</i>	0.18 mi	\$	27,337

**Delta Township Total** \$ 2,999,070

**Delta Township Contributions** \$ 129,191

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

---



### EATON TOWNSHIP

#### **Primary Roads:**

Brookfield Rd, Narrow Lake to M-50 <i>2015 Sealcoat</i>	1.25 mi	\$	477
Five Point Hwy, Marshall to Royston <i>2015 Sealcoat</i>	6.02 mi	\$	1,394
Hartel Rd, Kinsel to Island <i>2015 Sealcoat</i>	2.01 mi	\$	1,382
Island Hwy, Charlotte city limit to Royston <i>2015 Sealcoat</i>	5.29 mi	\$	3,420
Narrow Lake Rd, Five Point to Brookfield <i>2015 Sealcoat</i>	2.45 mi	\$	1,259
Stewart Rd, M-50 to Packard <i>2016 Sealcoat</i>	2.04 mi	\$	35,670

#### **Local Roads:**

Benton Rd, Packard to end of pavement <i>2015 Local Road Millage Paved Road Resurface</i>	0.09 mi	\$	21,240
Broadway Hwy, Tubbs to Sherman <i>2016 Local Road Millage Paved Road Resurface</i>	0.31 mi	\$	29,135
Brookfield Rd, Five Point to Narrow Lake <i>2016 Local Road Millage Regravel</i>	1.75 mi	\$	27,010
Brookfield Rd Bridge, over the Battle Creek River <i>2015 Critical Bridge Replacement</i>		\$	181,079
Eaton Green Rd, M-50 to Twelve Oaks <i>2015 Local Road Millage Paved Road Resurface</i>	0.46 mi	\$	76,817
Ford Hwy, Perkey to Hartel <i>2016 Local Road Millage Regravel</i>	1.01 mi	\$	16,014
Kalamo Hwy, Tubbs to Brookfield <i>2015 Local Road Millage Paved Road Resurface</i>	1.04 mi	\$	1,129
Perkey Rd, Island to Kinsel <i>2016 Local Road Millage Regravel</i>	2.01 mi	\$	32,388

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### EATON TOWNSHIP CONTINUED

Stewart Rd, Packard to Kinsel <i>2016 Local Road Millage Regravel</i>	1.02 mi	\$	16,072
Tubbs Rd, Broadway to Kalamo <i>2016 Local Road Millage Paved Road Resurface</i>	1.13 mi	\$	104,550
Twelve Oaks Dr, 300' east of Eaton Green to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.13 mi	\$	17,764

<b>Eaton Township Total</b>		\$	566,800
<b>Eaton Township Contributions</b>		\$	17,282

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

---

### EATON RAPIDS TOWNSHIP

#### **Primary Roads:**

Canal Rd, Wilbur to Island <i>2015 Sealcoat</i>	2.02 mi	\$	827
Columbia Hwy, Smith to M-99 <i>2016 Sealcoat</i>	1.01 mi	\$	29,124
Five Point Hwy, Royston to .44 miles east and Whittum to Eaton Rapids city limit <i>2015 Sealcoat</i>	0.97 mi	\$	874
Island Hwy, Royston to Canal <i>2015 Sealcoat</i>	2.96 mi	\$	2,066
Island Hwy, Canal to Smith <i>2016 Sealcoat</i>	1.02 mi	\$	18,611
Royston Rd, M-50 to Five Point <i>2015 Sealcoat</i>	1.59 mi	\$	8,401
Royston Rd, M-50 to Island <i>2016 Sealcoat</i>	2.44 mi	\$	51,343
Smith Rd, Island to Columbia <i>2016 Sealcoat</i>	1.00 mi	\$	19,031

#### **Local Roads:**

Barnes Hwy, Arch to Eaton Rapids city limit <i>2015 Local Road Millage Paved Road Resurface</i>	1.01 mi	\$	1,429
Barnes Hwy, Arch to Waverly <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	120,110
Gunnell Rd, Island to Columbia <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	16,833
Petrieville Hwy, M-99 to Arch <i>2015 Local Road Millage Paved Road Resurface</i>	0.69 mi	\$	495

**Eaton Rapids Township Total** \$ 269,144

**Eaton Rapids Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### HAMLIN TOWNSHIP

#### **Primary Roads:**

Bellevue Hwy, Royston to Waverly <i>2016 Sealcoat</i>	6.18 mi	\$	86,253
Five Point Hwy, .44 mile east of Royston to Whittum <i>2015 Sealcoat</i>	1.86 mi	\$	532
Royston Rd, Five Point to Bellevue <i>2015 Sealcoat</i>	3.85 mi	\$	16,219

#### **Local Roads:**

Durfee Rd, Clinton Trail to Spicerville <i>2016 Local Road Millage Paved Road Resurface</i>	0.90 mi	\$	97,668
Freeman Rd, Spicerville to Five Point <i>2015 Local Road Millage Paved Road Resurface</i>	0.85 mi	\$	159,744
Houston Rd, Kinneville to VFW <i>2015 Local Road Millage Paved Road Resurface</i>	0.76 mi	\$	7,375
Royston Rd, Westgate to Bellevue <i>2016 Local Road Millage Paved Road Resurface</i>	0.23 mi	\$	24,743
Westgate Hwy, Royston to Bellevue <i>2016 Local Road Millage Paved Road Resurface</i>	0.33 mi	\$	30,358
Whittum Rd over Spring Brook <i>2017 Critical Bridge Replacement</i>		\$	9,050
Wilson Rd over Willow Creek <i>2015 Culvert Replacement</i>		\$	4,049

**Hamlin Township Total** \$ 435,991

**Hamlin Township Contributions** \$ 1,981

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### KALAMO TOWNSHIP

**Primary Roads:**

Five Point Hwy, Curtis to Ionia <i>2016 Sealcoat</i>	3.02 mi	\$	54,818
Five Point Hwy, Ionia to Lacey Lake <i>2015 Sealcoat</i>	2.08 mi	\$	552
Ionia Rd, Five Point to Kinsel <i>2016 Sealcoat</i>	6.06 mi	\$	105,209
Kalamo Hwy, Curtis to Swift <i>2015 Sealcoat</i>	4.60 mi	\$	1,753

**Local Roads:**

Lacey Lake Rd, M-79 to Carlisle <i>2015 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	312
Lacey Lake Rd, Kalamo to end of pavement <i>2016 Local Road Millage Paved Road Resurface</i>	1.12 mi	\$	113,170
Section Rd, Five Point to Kalamo <i>2016 Local Road Millage Regravel</i>	2.01 mi	\$	33,090

**Kalamo Township Total** \$ 308,904

**Kalamo Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### ONEIDA TOWNSHIP

#### **Primary Roads:**

Benton Rd, M-43 to Eaton <i>2015 Sealcoat</i>	1.04 mi	\$	211
Cochran Rd, Needmore to M-43 <i>2015 Sealcoat</i>	5.05 mi	\$	769
Mt. Hope Hwy, Cochran to Oneida <i>2016 Sealcoat</i>	3.00 mi	\$	73,991
Oneida Rd, Mt. Hope to Benton Twp line <i>2015 Sealcoat</i>	2.01 mi	\$	563

#### **Local Roads:**

E Andre Dr, W Andre to Saginaw <i>2016 Local Road Millage Paved Road Resurface</i>	0.35 mi	\$	31,078
W Andre Dr, E Andre to E Andre <i>2016 Local Road Millage Paved Road Resurface</i>	0.29 mi	\$	18,381
Eaton Hwy, Benton to Lawson <i>2016 Local Road Millage Regravel</i>	2.50 mi	\$	6,591
Lawson Rd, Jefferson to Eaton <i>2015 Local Road Millage Paved Road Resurface</i>	1.02 mi	\$	2,473
Legend Dr, M-43 to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	22,966
Manor House Dr, Pepperkorn to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.03 mi	\$	3,500
Oneida Rd, RR crossing to Eaton <i>2015 Local Road Millage Paved Road Resurface</i>	0.73 mi	\$	1,058
Partlow St, Jefferson to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.26 mi	\$	276
Pepperkorn Dr, Legend to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	37,644
Saginaw Hwy, Oneida to M-43 <i>2016 Local Road Millage Paved Road Resurface</i>	1.23 mi	\$	119,917

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### ONEIDA TOWNSHIP CONTINUED

Shady Pines Dr, Woodspointe to Sweetwater <i>2016 Local Road Millage Paved Road Resurface</i>	0.16 mi	\$	24,243
Sweetwater Dr, Shady Pines to Saginaw <i>2016 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	22,867
Will-O-Way Ln, W Andre to E Andre <i>2016 Local Road Millage Paved Road Resurface</i>	0.08 mi	\$	7,460
Woodspointe Dr, Shady Pines to Sweetwater <i>2016 Local Road Millage Paved Road Resurface</i>	0.19 mi	\$	24,776

**Oneida Township Total** \$ 199,501

**Oneida Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### ROXAND TOWNSHIP

**Primary Roads:**

Dow Rd, M-50 to St. Joe <i>2015 Sealcoat</i>	2.50 mi	\$	575
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**Local Roads:**

Boyer Rd, Needmore to Strange <i>2015 Local Road Millage Paved Road Resurface</i>	1.01 mi	\$	183,281
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Boyer Rd, Strange to Mt. Hope <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	162,482
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Gates Rd, Saginaw to its dead end <i>2015 Local Road Millage Regravel</i>	1.73 mi	\$	544
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<b>Roxand Township Total</b>		\$	346,882
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<b>Roxand Township Contributions</b>		\$	-
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# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### SUNFIELD TOWNSHIP

#### **Primary Roads:**

Dow Rd, M-43 to Eaton <i>2016 Sealcoat</i>	1.08 mi	\$	26,564
Sunfield Rd, Eaton to village limit <i>2016 Sealcoat</i>	0.25 mi	\$	6,076
Sunfield Rd, Mt. Hope to M-43 <i>2015 Sealcoat</i>	3.01 mi	\$	726

#### **Local Roads:**

Bismark Hwy, Ionia to Round Lake <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	93,296
Cedar St, M-66 to Smith <i>2016 Local Road Millage Paved Road Resurface</i>	0.14 mi	\$	14,323
Kalamazoo St, M-66 to Smith <i>2016 Local Road Millage Paved Road Resurface</i>	0.14 mi	\$	11,495
Maple St, M-66 to Smith <i>2016 Local Road Millage Paved Road Resurface</i>	0.14 mi	\$	11,872
Milburn St, Reese to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.04 mi	\$	85
Reese St, Maple to Milburn <i>2016 Local Road Millage Paved Road Resurface</i>	0.16 mi	\$	14,295
Shaytown Rd, Clinton Trail to .22 mile south of Saginaw <i>2016 Local Road Millage Regravel</i>	2.30 mi	\$	51,075
Smith St, Maple to Kalamazoo <i>2016 Local Road Millage Paved Road Resurface</i>	0.10 mi	\$	9,467
St. Joe Hwy bridge over the Sebewa Creek <i>2016 Critical Bridge Replacement</i>		\$	850,550
St. Joe Hwy, Ionia to its dead end <i>2015 Local Road Millage Paved Road Resurface</i>	1.10 mi	\$	296

**Sunfield Township Total** \$ 1,090,120

**Sunfield Township Contributions** \$ 40,875

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### VERMONTVILLE TOWNSHIP

**Primary Roads:**

Allegan Rd, Vermontville to Brown <i>2016 Asphalt Overlay</i>	1.19 mi	\$	123,262
Ionia Rd, Lake to village limit <i>2016 Sealcoat</i>	2.38 mi	\$	45,830
Nashville Hwy, Curtis to Ionia <i>2015 Sealcoat</i>	2.64 mi	\$	1,192

**Local Roads:**

Allegan Rd, Shaytown to Dow <i>2015 Local Road Millage Paved Road Resurface</i>	1.27 mi	\$	489
Allegan Rd, Brown to Shaytown <i>2016 Local Road Millage Paved Road Resurface</i>	1.27 mi	\$	144,382

**Vermontville Township Total** \$ 315,155

**Vermontville Township Contributions** \$ -

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

---

### WALTON TOWNSHIP

#### **Primary Roads:**

Ainger Rd Structure over the Dillon Drain <i>2015 Deck Replacement</i>		\$	15,105
Ainger Rd, Battle Creek to I-69 <i>2016 Sealcoat</i>	2.21 mi	\$	47,132
Marshall Rd, Baseline to Olivet city limit <i>2017 Joint Repair and Asphalt Overlay</i>	1.20 mi	\$	3,957
Marshall Rd, Nye to Olivet village limit <i>2015 Joint Repair and Asphalt Overlay</i>	2.90 mi	\$	488,749

#### **Local Roads:**

Butterfield Hwy, Weeks to Oxby <i>2015 Local Road Millage Paved Road Resurface</i>	1.03 mi	\$	972
Matthews Rd, Osborn to Marshall <i>2016 Local Road Millage Paved Road Resurface</i>	1.50 mi	\$	145,123
McDonald Rd, Griffin to its end <i>2016 Local Road Millage Regravel</i>	1.23 mi	\$	25,531
Nye Hwy, Matthews to Cochran <i>2015 Local Road Millage Regravel</i>	1.02 mi	\$	539
Weeks Rd, Butterfield to Butterfield <i>2015 Local Road Millage Paved Road Resurface</i>	0.12 mi	\$	634

**Walton Township Total** \$ 727,742

**Walton Township Contributions** \$ 1,458

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### WINDSOR TOWNSHIP

#### **Primary Roads:**

Bishop Hwy, Creyts to Waverly <i>2015 Sealcoat</i>	2.00 mi	\$	415
Canal Rd, Vermontville to Wilbur <i>2015 Sealcoat</i>	2.00 mi	\$	727
Guinea Rd, Billwood to Lansing <i>2016 Sealcoat</i>	0.68 mi	\$	18,995
Guinea Rd, Davis to Billwood <i>2016 Sealcoat</i>	0.97 mi	\$	25,029
Hart Hwy, Creyts to Williams <i>2015 Sealcoat</i>	1.01 mi	\$	368
Williams Rd, Hart to Jolly <i>2015 Sealcoat</i>	0.96 mi	\$	320
Windsor Hwy, Royston to Canal <i>2016 Sealcoat</i>	3.02 mi	\$	62,579

#### **Local Roads:**

Bridge St, end of prior project to its end <i>2016 Local Road Millage Paved Road Resurface</i>	0.65 mi	\$	72,695
Burke Hwy, Michigan to Waverly <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	18,254
Davis Hwy, Lansing to Delta Twp line <i>2015 Local Road Millage Paved Road Resurface</i>	0.13 mi	\$	56,281
Dimondale Hwy, village limit east 1200' <i>2015 Local Road Millage Paved Road Resurface</i>	0.23 mi	\$	22,120
Empire Way, Davis to township line <i>2016 Local Road Millage Paved Road Resurface</i>	0.03 mi	\$	34
McCabe Dr, Creyts to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.11 mi	\$	14,153
Nixon Rd, Oak to Davis <i>2015 Local Road Millage Paved Road Resurface</i>	0.46 mi	\$	127

# 2015-2016

## PRIMARY AND LOCAL ROAD IMPROVEMENTS

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### WINDSOR TOWNSHIP CONTINUED

Pats Dr, Lansing to the attribute change <i>2016 Local Road Millage Paved Road Resurface</i>	0.07 mi	\$	8,821
Ransom Hwy, Michigan to Waverly <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	18,440
Riverside Dr, M-99 to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.41 mi	\$	358
Rossman Hwy, Canal to Smith <i>2016 Local Road Millage Paved Road Resurface</i>	1.00 mi	\$	102,140
Walnut Hwy, Canal to its end <i>2015 Local Road Millage Paved Road Resurface</i>	0.57 mi	\$	565
Wilbur Hwy, Michigan to Waverly <i>2016 Local Road Millage Regravel</i>	1.00 mi	\$	17,495

**Windsor Township Total** \$ 439,916

**Windsor Township Contributions** \$ -



# 2015-2016 PRIMARY ROAD ROUTINE MAINTENANCE

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## SUMMARY BY TOWNSHIP

<u>TOWNSHIP</u>	<u>ROAD COMMISSION COST</u>	<u>MILES</u>	<u>AVERAGE COST PER MILE</u>
Bellevue	\$ 59,926	18.40	\$ 3,257
Benton	92,899	28.13	3,302
Brookfield	50,773	18.41	2,758
Carmel	84,926	23.36	3,636
Chester	45,300	13.70	3,307
Delta	442,396	55.85	7,921
Eaton	102,043	25.99	3,926
Eaton Rapids	78,319	24.09	3,251
Hamlin	67,265	26.47	2,541
Kalamo	59,471	18.30	3,250
Oneida	65,417	23.51	2,783
Roxand	58,971	20.72	2,846
Sunfield	61,526	22.80	2,699
Vermontville	76,961	17.51	4,395
Walton	74,734	23.00	3,249
Windsor	101,863	31.54	3,230
Total Primary Maintenance	<b>\$ 1,522,790</b>	<b>391.78</b>	<b>\$ 3,887</b>

# 2015-2016 LOCAL ROAD ROUTINE MAINTENANCE

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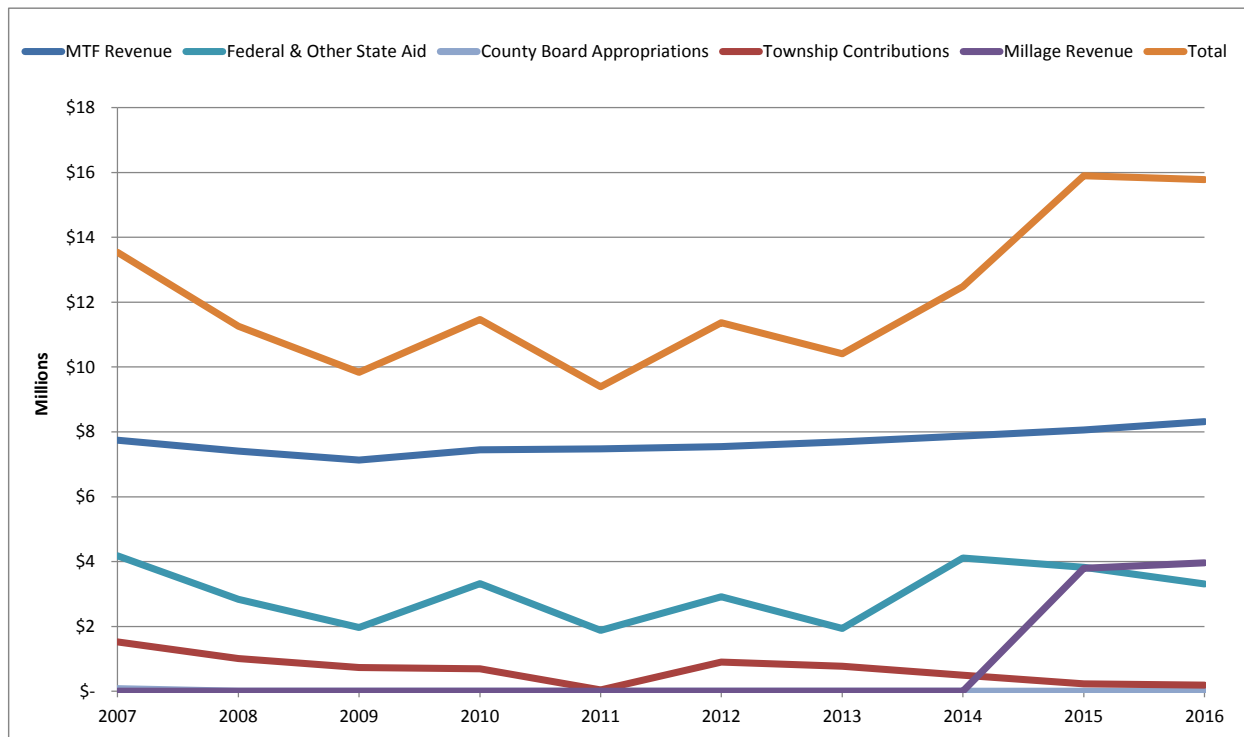
## SUMMARY BY TOWNSHIP

<b>TOWNSHIP</b>	<b>ROAD COMMISSION COST</b>	<b>MILES</b>	<b>AVERAGE COST PER MILE</b>
Bellevue	\$ 151,127	48.67	\$ 3,105
Benton	114,579	33.62	3,408
Brookfield	198,235	54.02	3,670
Carmel	150,999	42.25	3,574
Chester	162,742	48.62	3,347
Delta	310,359	111.59	2,781
Eaton	154,520	42.17	3,664
Eaton Rapids	190,150	43.29	4,392
Hamlin	129,946	44.82	2,899
Kalamo	145,079	47.62	3,047
Oneida	123,584	40.40	3,059
Roxand	148,931	44.59	3,340
Sunfield	149,961	37.41	4,009
Vermontville	157,533	42.13	3,739
Walton	151,853	47.71	3,183
Windsor	161,951	52.89	3,062
<b>Total Local Maintenance</b>	<b>\$ 2,601,549</b>	<b>781.80</b>	<b>\$ 3,328</b>

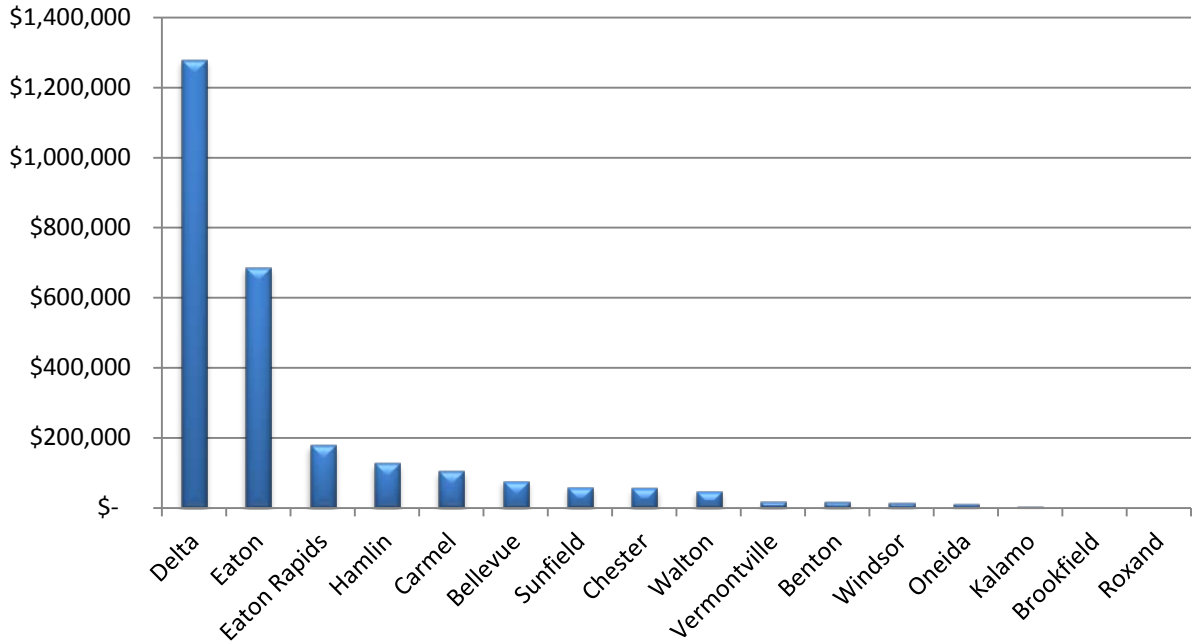
# TEN YEAR HISTORY

## MTF REVENUE, TOWNSHIP CONTRIBUTIONS, COUNTY BOARD APPROPRIATIONS AND MILLAGE REVENUE

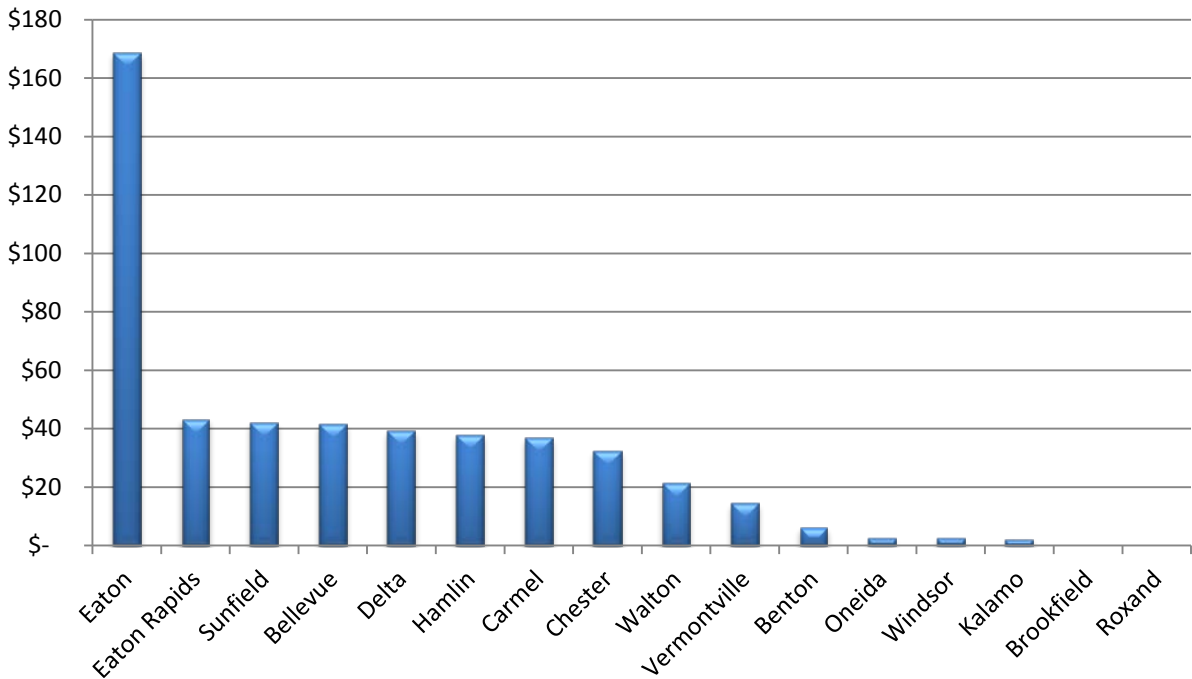
YEAR	EATON COUNTY SHARE OF MTF	FEDERAL & OTHER STATE AID	COUNTY BOARD APPROP.	TOWNSHIP CONTR.	MILLAGE PROCEEDS	TOTAL	TOWNSHIP CONTR. AS % OF MTF
2007	7,742,677	4,183,260	85,957	1,528,846	-	13,540,740	19.7%
2008	7,406,648	2,841,462	-	1,006,718	-	11,254,828	13.6%
2009	7,128,770	1,972,174	-	737,984	-	9,838,928	10.4%
2010	7,448,713	3,317,154	-	697,087	-	11,462,954	9.4%
2011	7,475,999	1,877,891	-	42,128	-	9,396,018	0.6%
2012	7,545,228	2,920,113	-	902,228	-	11,367,569	12.0%
2013	7,695,041	1,943,833	-	773,359	-	10,412,233	10.1%
2014	7,871,876	4,112,744	-	500,127	-	12,484,747	6.4%
2015	8,057,044	3,821,769	-	228,788	3,790,275	15,897,876	2.8%
2016	8,315,167	3,310,134	-	190,786	3,964,993	15,781,080	2.3%



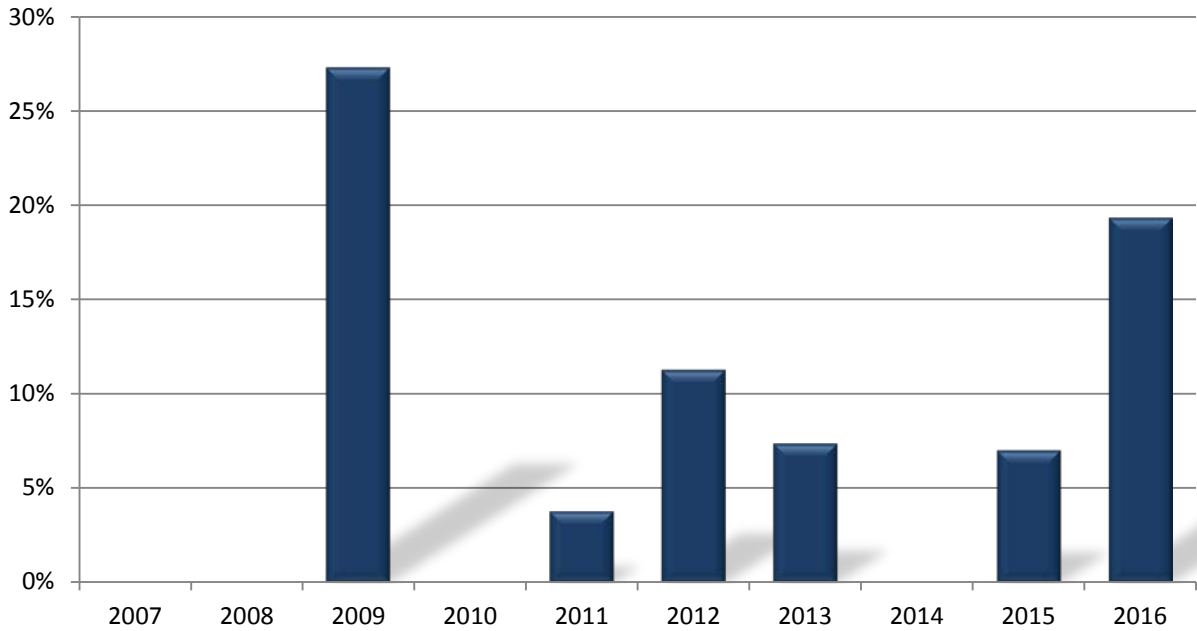
### Five Year Township Contributions by Dollar to Primary and Local Roads



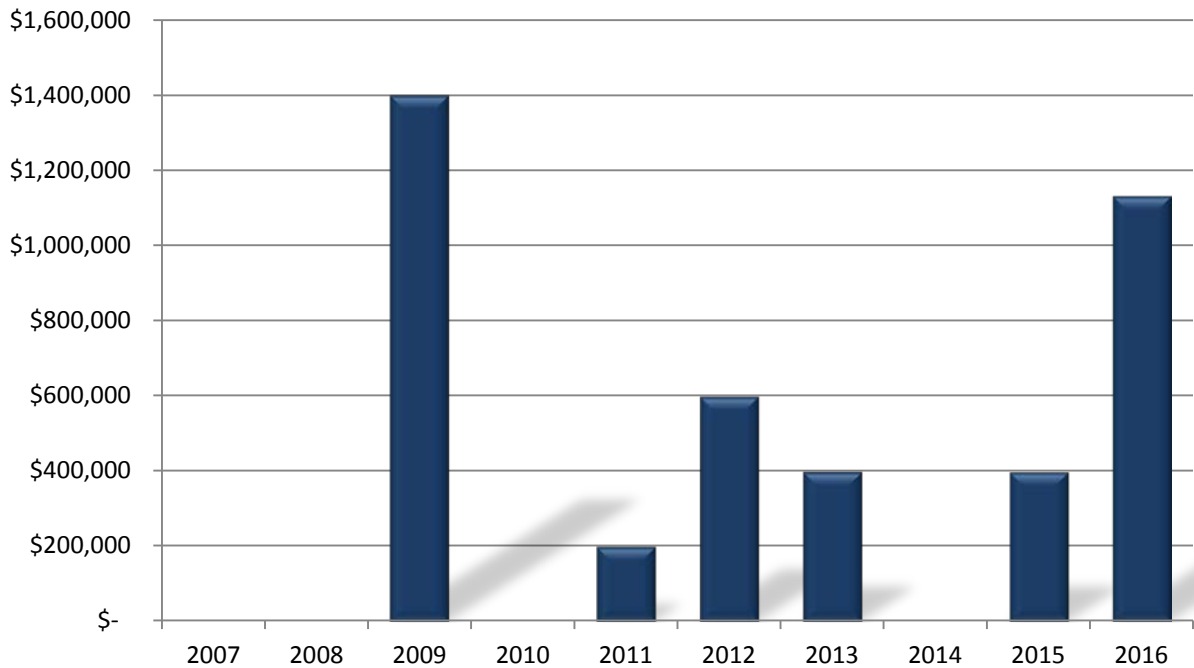
### Five Year Township Contributions Per Capita to Primary and Local Roads



**TRANSFERS FROM PRIMARY ROAD FUND TO LOCAL ROAD FUND  
AS A PERCENT OF TOTAL PRIMARY MTF DISTRIBUTIONS  
2007-2016**

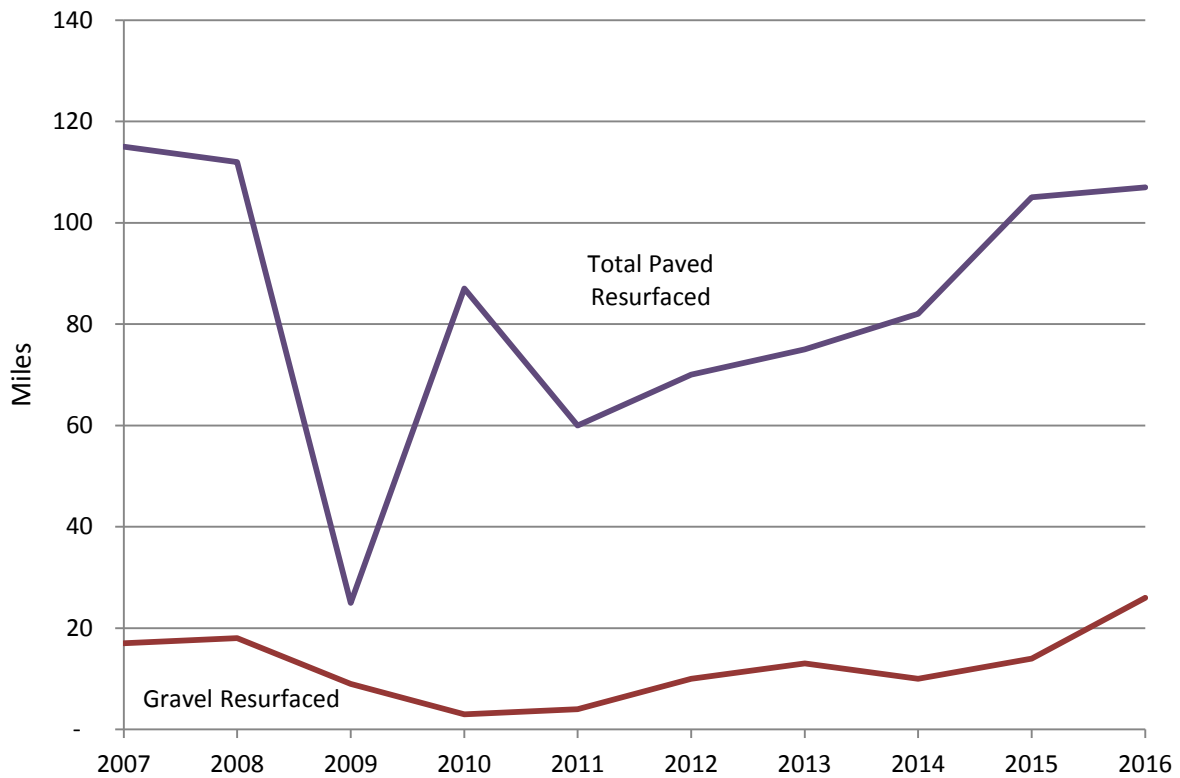


**DOLLAR TRANSFERS FROM PRIMARY ROAD FUND TO LOCAL  
ROAD FUND  
2007-2016**



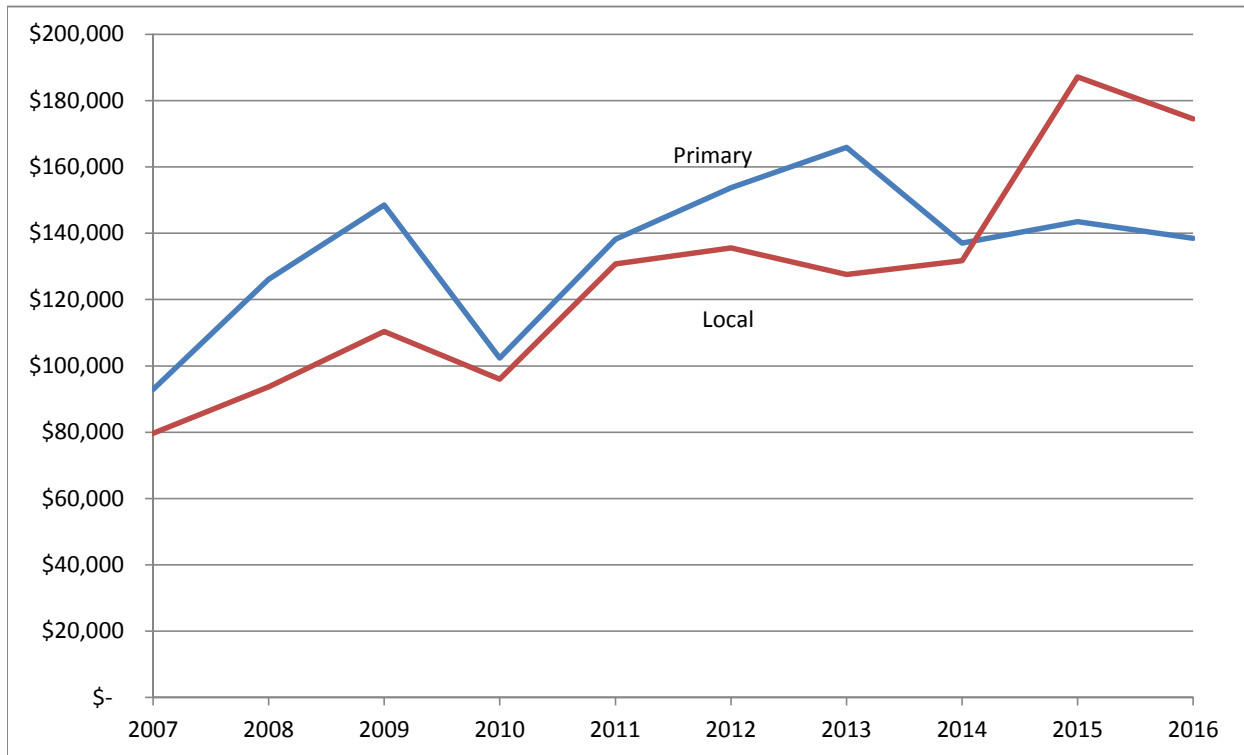
# TEN YEAR HISTORY ROAD RESURFACING

<u>YEAR</u>	<u>PRIMARY PAVED MILES RESURFACED</u>	<u>LOCAL PAVED MILES RESURFACED</u>	<u>TOTAL MILES RESURFACED</u>	<u>LOCAL MILES GRAVELLED</u>
2007	86	29	115	17
2008	97	15	112	18
2009	2	23	25	9
2010	87	-	87	3
2011	56	4	60	4
2012	61	9	70	10
2013	66	9	75	13
2014	76	6	82	10
2015	77	28	105	14
2016	77	30	107	26



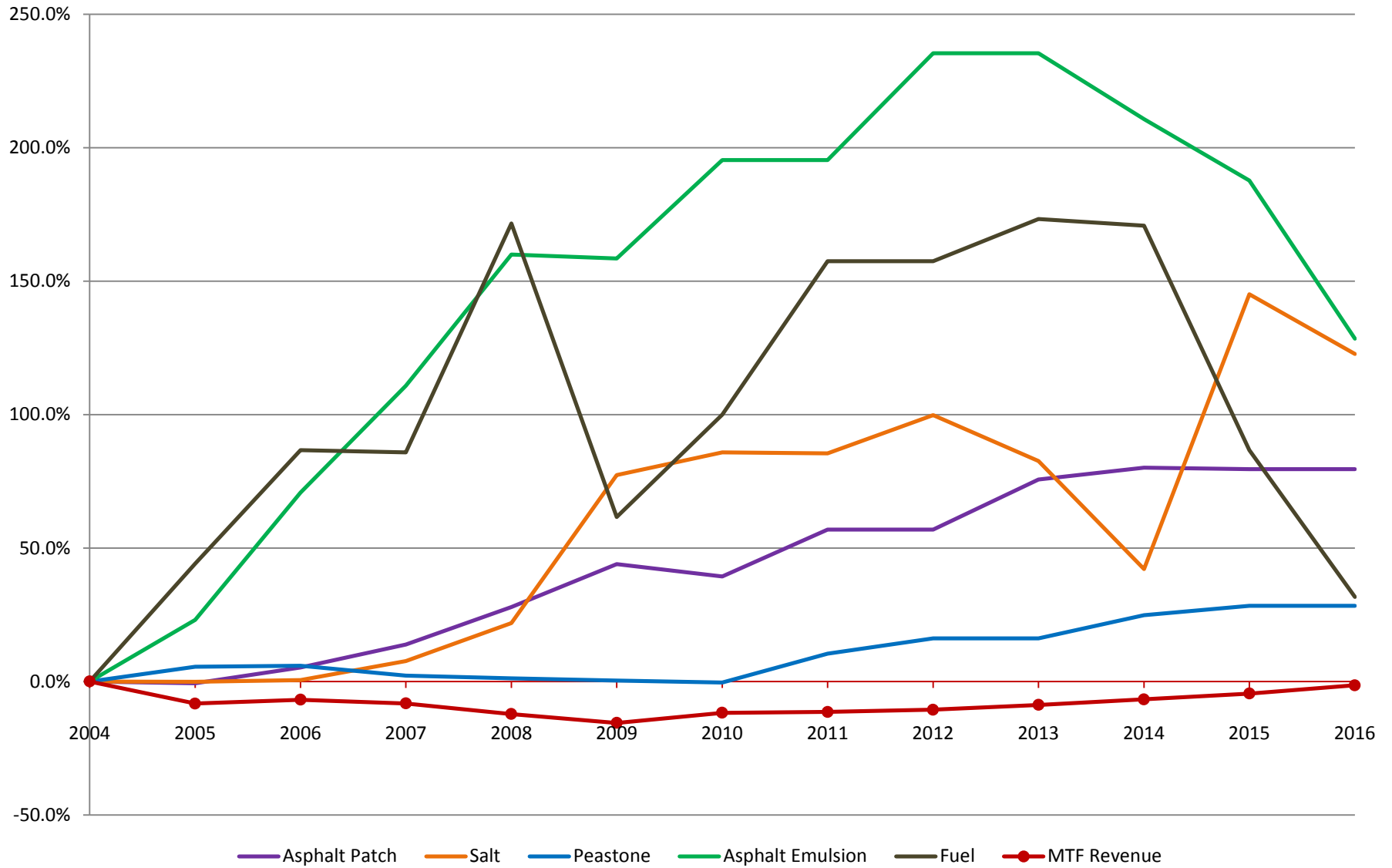
# ANNUAL POTHOLE PATCHING COSTS

YEAR	PRIMARY TONS	LOCAL TONS	TOTAL TONS	PRIMARY COST	LOCAL COST	TOTAL COST	AVG COST/MILE OF PRIMARY	AVG COST/MILE OF LOCAL	AVG COST/TON OF COLD PATCH
2007	380	179	559	\$ 92,925	\$ 79,671	\$ 172,596	\$ 243	\$ 290	\$ 309
2008	269	206	475	126,126	93,649	219,775	330	341	463
2009	304	226	530	148,508	110,430	258,938	389	402	489
2010	168	182	350	102,375	96,049	198,424	262	349	567
2011	217	270	487	138,209	130,727	268,936	354	465	552
2012	208	236	444	153,715	135,620	289,335	393	483	652
2013	258	215	473	165,932	127,585	293,517	424	454	621
2014	228	243	471	137,026	131,731	268,757	350	468	571
2015	246	341	587	143,466	187,172	330,638	366	665	563
2016	244	331	575	138,506	174,466	312,972	354	620	544

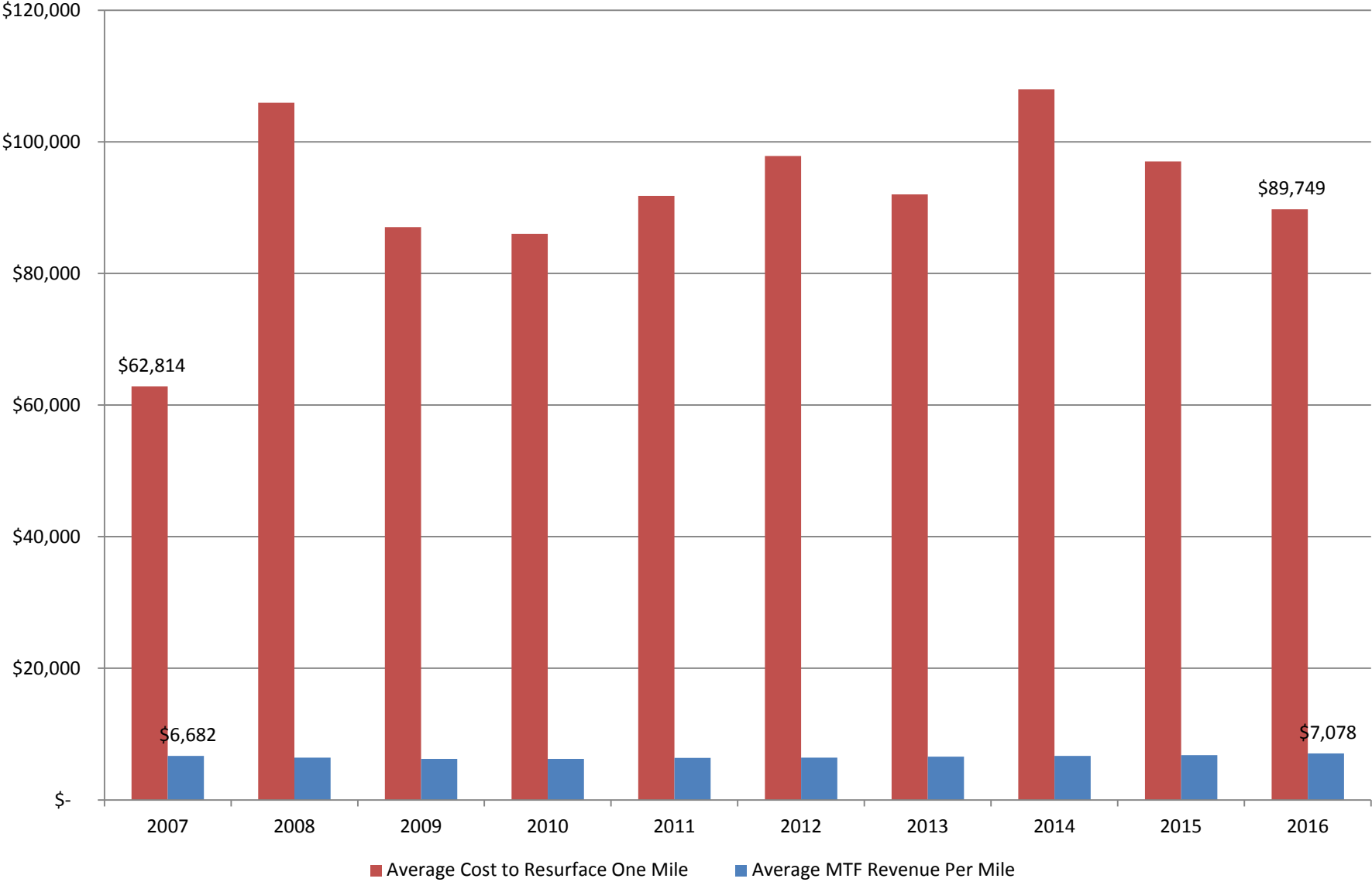


# MATERIAL COST TRENDS

## BASE YEAR: 2004

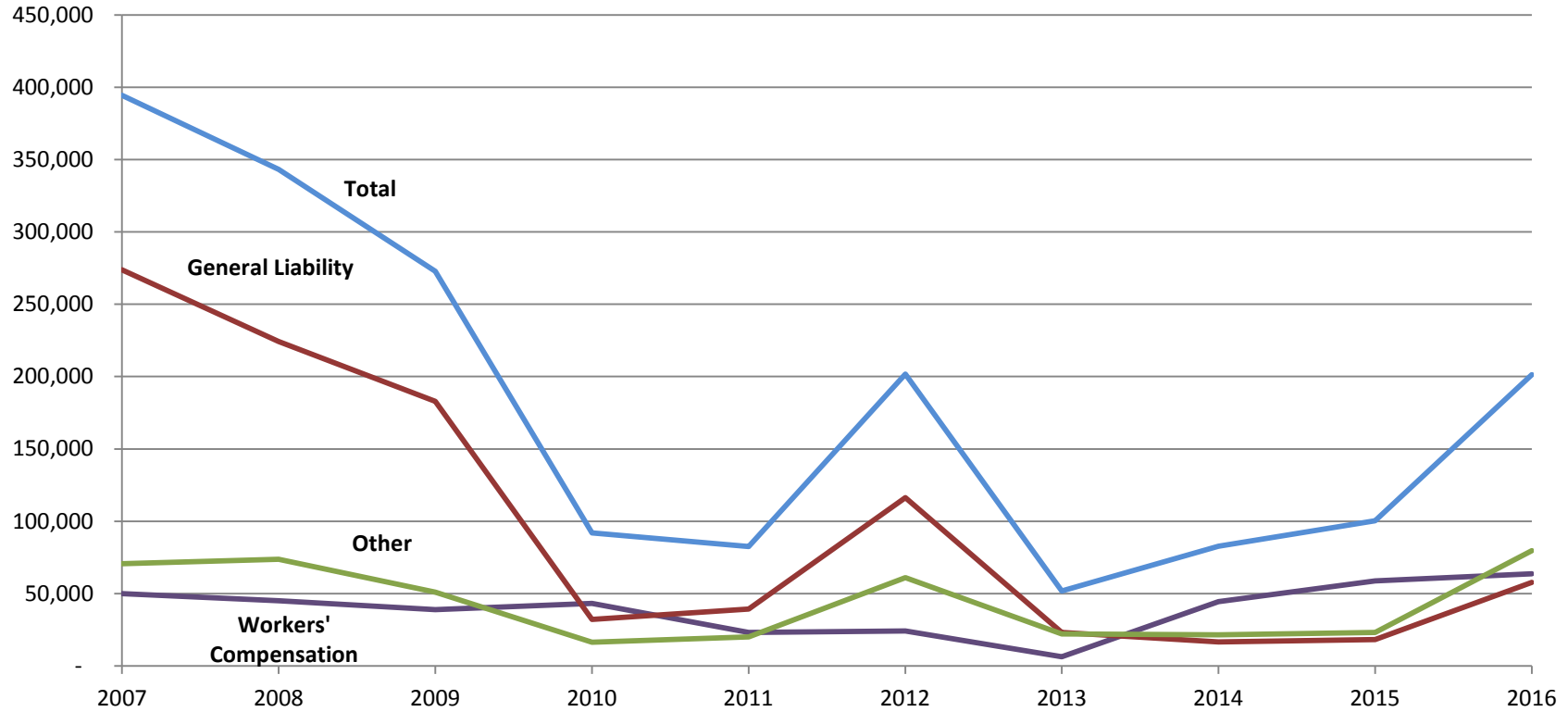


# PAVING COST TRENDS PER MILE



# ANNUAL INSURANCE COSTS

YEAR	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Workers' Compensation	50,000	45,145	38,937	43,319	23,124	24,163	6,418	44,578	58,825	63,787
General Liability	273,832	224,354	182,841	32,247	39,346	116,336	23,275	16,655	18,277	57,852
Other	70,595	73,770	51,018	16,496	20,093	61,149	22,187	21,554	23,278	79,673
<b>Total</b>	<b>394,427</b>	<b>343,269</b>	<b>272,796</b>	<b>92,062</b>	<b>82,563</b>	<b>201,648</b>	<b>51,880</b>	<b>82,787</b>	<b>100,380</b>	<b>201,312</b>



# SUMMARY OF PERMIT DEPARTMENT OPERATIONS

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<b>Permit Type</b>	<b>Number Issued</b>	<b>Amount Collected</b>
Annual Permits/Cab Cards	305	
Single Move Permits	441	
Driveway Permits	192	
Utility Permits	122	
Building Move Permits	-	
Tap In Permits	-	
Road Bore	39	
		\$ 68,958
Highway Permits/Bituminous Road Cuts	16	\$ 6,400
Accident/Sign Damages Recovered		\$ 1,847
Highway Permits/Miscellaneous (no charge)	45	
<b>Total Permit Fees Collected</b>		<b>\$ 77,205</b>

# 2015-2016 CAPITAL OUTLAY

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## EQUIPMENT AND BUILDING PURCHASES

### **Buildings and Yard & Storage**

Carbon Monoxide Controllers & Sensors - Delta	\$ 3,017
Total Building and Yard & Storage	<u>\$ 3,017</u>

### **Road Equipment**

3 Dodge 1500 Pickups	\$ 68,998
1 Chevrolet Pickup	28,115
2 Chevrolet Small Dump Trucks	65,112
2 Freightliner Tandem Trucks (equipment only)	171,874
John Deere Loader	106,658
Radio Equipment	5,744
2 Samsung Mobile Phones	300
Rebuilt Transmissions/Engines and Repairs - various vehicles	60,832
Total Road Equipment	<u>\$ 507,633</u>

### **Engineering Equipment**

Xerox Color Printer	\$ 2,719
Xerox Copier	5,569
Total Shop Equipment	<u>\$ 8,288</u>

### **Shop Equipment**

Used Forklift	\$ 7,750
Total Shop Equipment	<u>\$ 7,750</u>

<b>Total 2015-2016 Capital Outlay Expense</b>	<b><u>\$ 526,688</u></b>
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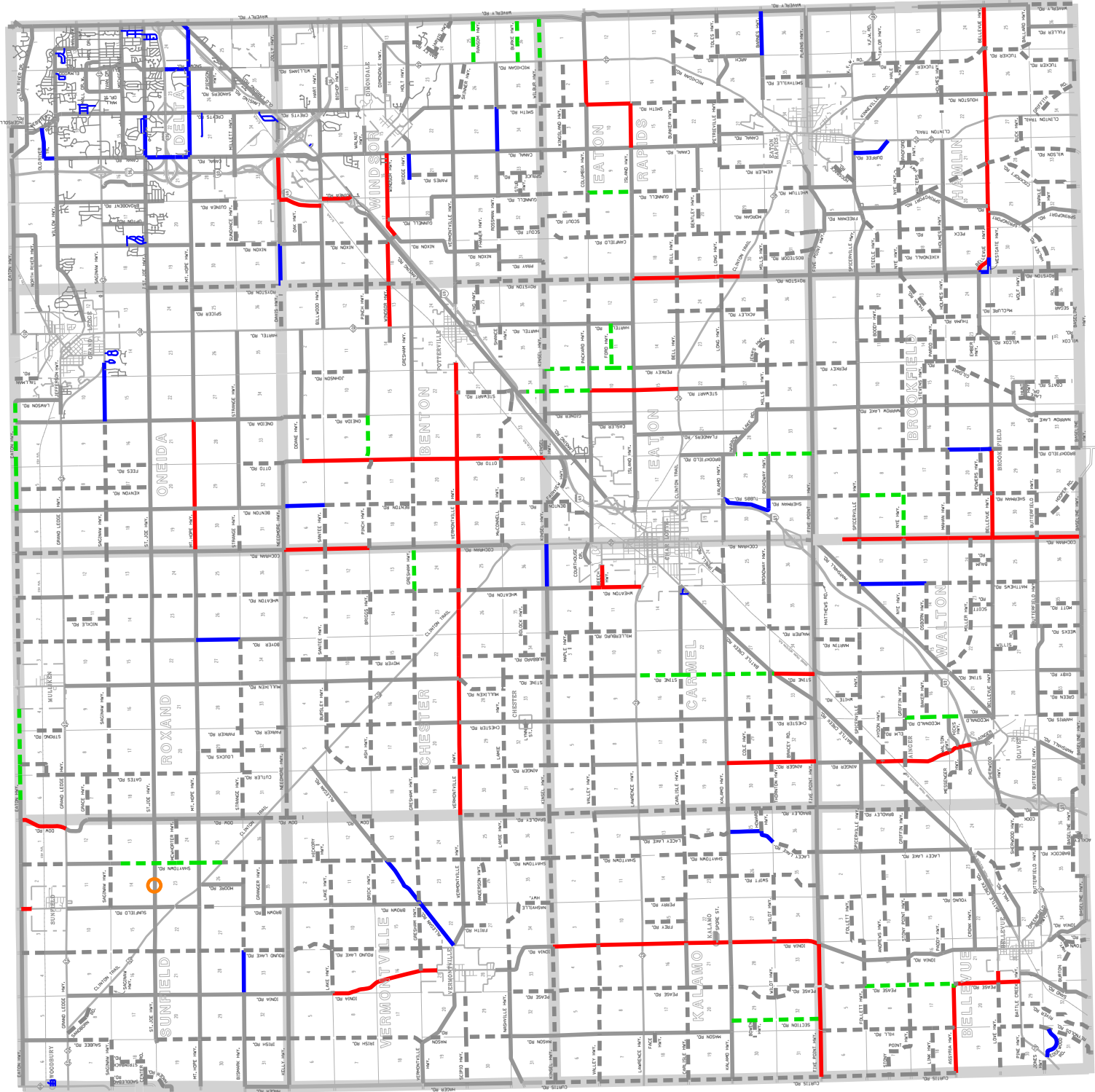
# STATUS OF ROAD MILEAGE JANUARY 1, 2017

TOWNSHIP	PRIMARY ROADS		TOTAL MILES PRIMARY	LOCAL ROADS		PLATTED STREETS		TOTAL MILES LOCAL	TOTAL MILES IN TWP	TOTAL MILES PAVED	TOTAL PERCENT PAVED	TOTAL MILES GRAVEL
	PAVED	GRAVEL		PAVED	GRAVEL	PAVED	GRAVEL					
Bellevue	18.40	-	18.40	3.66	44.78	0.23	-	48.67	67.07	22.29	33.23%	44.78
Benton	28.13	-	28.13	7.02	26.60	-	-	33.62	61.75	35.15	56.92%	26.60
Brookfield	18.41	-	18.41	9.19	44.83	-	-	54.02	72.43	27.60	38.11%	44.83
Carmel	23.36	-	23.36	8.26	33.66	0.33	-	42.25	65.61	31.95	48.70%	33.66
Chester	13.70	-	13.70	4.52	43.97	-	0.13	48.62	62.32	18.22	29.24%	44.10
Delta	55.85	-	55.85	8.98	7.37	94.60	0.64	111.59	167.44	159.43	95.22%	8.01
Eaton	25.99	-	25.99	19.28	18.61	4.28	-	42.17	68.16	49.55	72.70%	18.61
Eaton Rapids	24.09	-	24.09	7.59	35.70	-	-	43.29	67.38	31.68	47.02%	35.70
Hamlin	26.47	-	26.47	13.06	31.66	-	0.10	44.82	71.29	39.53	55.45%	31.76
Kalamo	18.30	-	18.30	8.26	39.10	0.26	-	47.62	65.92	26.82	40.69%	39.10
Oneida	23.51	-	23.51	16.19	14.55	9.47	0.19	40.40	63.91	49.17	76.94%	14.74
Roxand	20.72	-	20.72	10.07	34.52	-	-	44.59	65.31	30.79	47.14%	34.52
Sunfield	22.80	-	22.80	12.95	23.74	0.72	-	37.41	60.21	36.47	60.57%	23.74
Vermontville	17.51	-	17.51	3.56	38.57	-	-	42.13	59.64	21.07	35.33%	38.57
Walton	23.00	-	23.00	12.29	35.42	-	-	47.71	70.71	35.29	49.91%	35.42
Windsor	31.54	-	31.54	16.19	25.80	10.60	0.30	52.89	84.43	58.33	69.09%	26.10
<b>TOTAL</b>	<b>391.78</b>	<b>-</b>	<b>391.78</b>	<b>161.07</b>	<b>498.88</b>	<b>120.49</b>	<b>1.36</b>	<b>781.80</b>	<b>1,173.58</b>	<b>673.34</b>	<b>57.37%</b>	<b>500.24</b>

# EATON COUNTY, MICHIGAN

## 2016 PROJECTS

- ASPHALT OVERLAY
- - - REGRAVEL
- SINGLE SEAL AND FOG
- BRIDGE REPLACEMENT

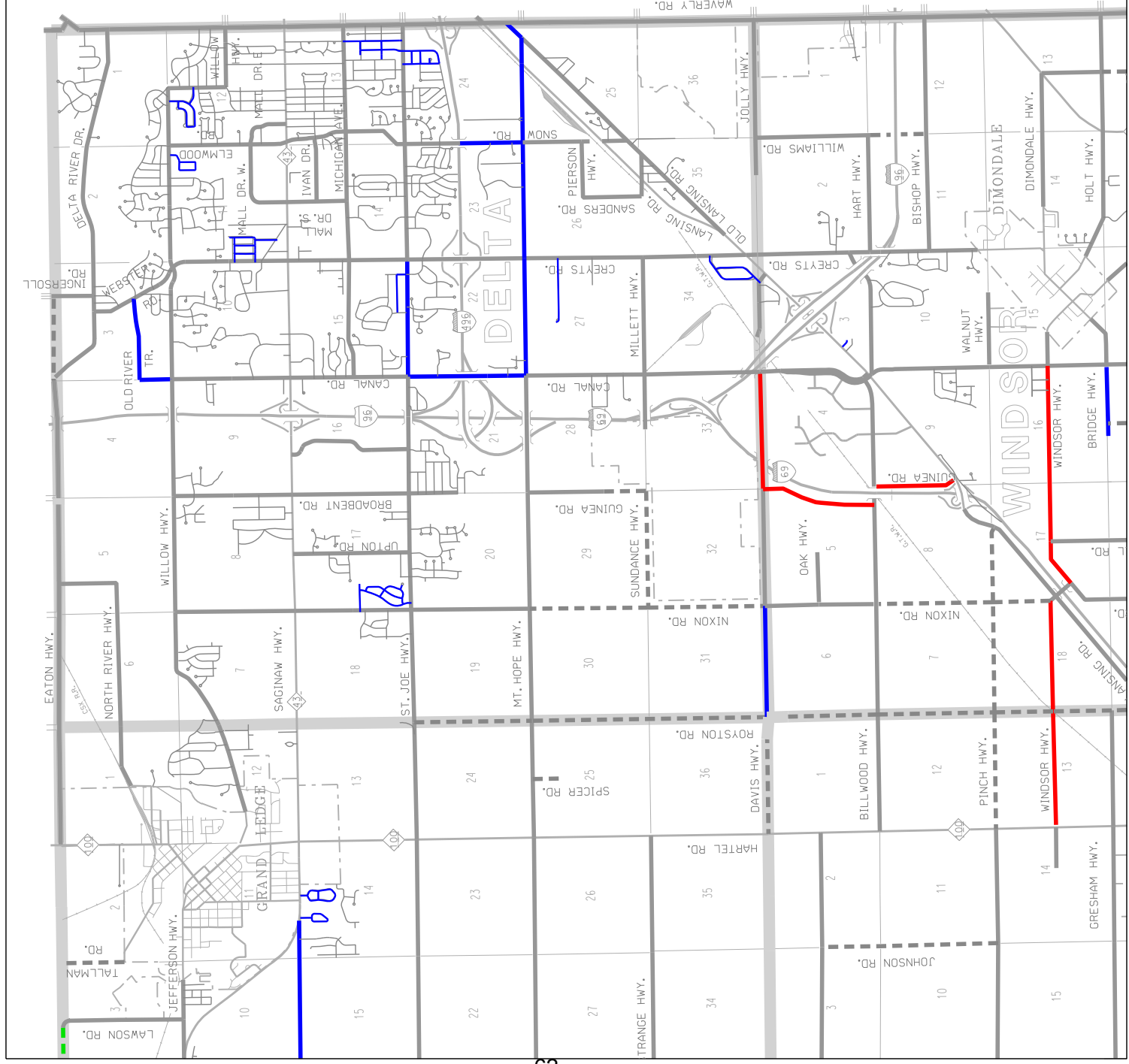


DECEMBER 31, 2016

# EATON COUNTY, MICHIGAN

## 2016 URBAN AREA PROJECTS

- ASPHALT OVERLAY
- REGRAVEL
- SINGLE SEAL AND FOG



DECEMBER 31, 2016