

BAY COUNTY ROAD COMMISSION

2016

One Hundred and Seventeenth

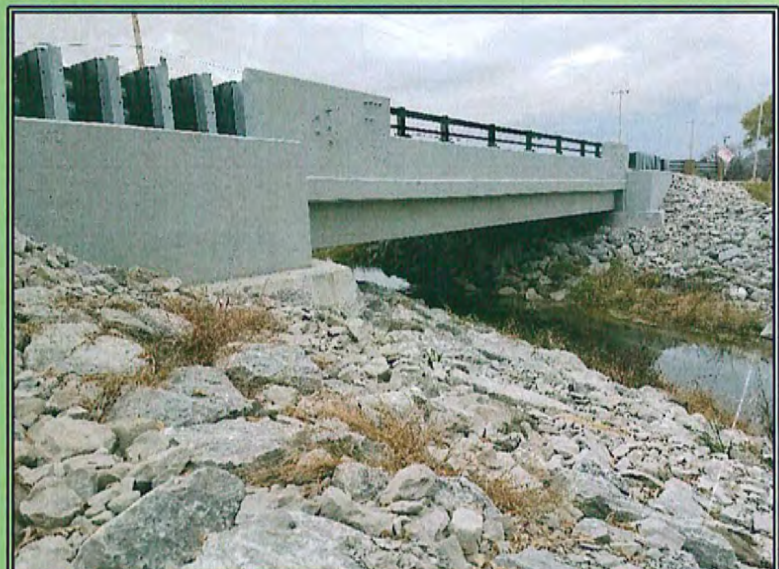
ANNUAL REPORT



Midland Road Bridge Construction



Midland Road Bridge Before



Midland Road Bridge After

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Engineer-Manager Report

Attached is the 117th Annual Report for the Board of County Road Commissioners, County of Bay (BCRC). This report presents a brief summary of services the BCRC provided in 2016, as well as, revenues and expenditures as they apply to the 2016 fiscal year. Please see Exhibit A on Page 2 of this letter for specific accounting information.

The report for 2016 mirrors those of the past six years, with a few exceptions. Operationally, the BCRC was able to maintain the number of personnel employed, both field and administrative staff, at about 54 throughout 2016. This has been a consistent number over the past six years, down from 72 in 2005. Michigan Transportation Fund (MTF) revenue, which represents the BCRC's primary operating funds for the 2016 reporting year, were only \$88,161 more than those received in 2003. In simple terms, the BCRC was buying at 2016 prices with year 2003 dollars. Costs associated with materials and equipment continue to escalate as our revenues remain essentially flat. Primary road conditions continue to deteriorate as we have not been able to fund a substantial County-wide Paving Program since 2005, due to the stagnant MTF revenues. To further highlight our current financial situation, the BCRC has moved to an "as-needed" protocol with regard to equipment replacement. Instead of following our historic equipment replacement schedule, which allowed us to replace equipment prior to it becoming a maintenance liability, we now review our needs, along with the funding available any given year, to make equipment replacement decisions. Typically, older equipment is less efficient and requires more maintenance equating to higher repair costs.

Our staff continues to receive compliments for their maintenance efforts throughout Bay County. BCRC crews, which provide snow plowing, concrete road repair/patching, ditch clean-out, emergency signing, Michigan Department of Transportation (MDOT) trunkline general and contract maintenance, and many other road related services continuously receive accolades and high marks for their workmanship. Even though our funding continues to decline, our service to Bay County has not.

During 2016, in-house staff completed design and construction engineering for several road projects. Further, our crews continue to complete road reconstruction and rehabilitation projects, along with drainage improvement projects throughout Bay County. They completed the projects in a timely and efficient manner, saving the costs associated with hiring a third-party contractor. In addition, we utilized BCRC crews to complete various components of Federal-Aid projects. In these cases, the use of BCRC manpower resulted in substantial savings to the Bay County Road Commission. These practices will continue in 2017 and future years.

We enter 2017 with a substantial list of project needs with no substantial increase in funding. **The unfunded road and bridge needs within Bay County are well over \$100,000,000** and will continue to grow with the current funding levels. We worked alongside the County Road Association (CRA) to push the legislature to increase road funding, which they did in mid-2016. Starting in January 2017, the BCRC will begin to receive an increase in MTF funding. By the end of 2021, estimates from the State show an overall increase of \$4.0 mil over our current MTF allocations. This, however, is predicated on the State, each year, transferring \$200 mil from the General Fund into the MTF in 2019, 2020 and 2021. Road owning agencies are extremely skeptical this will occur. Therefore, we continue to struggle to maintain our roads and bridges and continue our efforts to communicate those problems to the State legislature. We continuously look for ways to reduce costs, identify and secure additional roadway funding (through grant opportunities) and work with the Townships to address road needs. We continually review our policies or institute new policies in an ongoing effort to achieve financial stability and provide the best possible road system for Bay County.

James C. Lillo, P.E.
Engineer-Manager
June 2, 2017

EXHIBIT A

Bay County Residents: 107,771
 Road Commission Employees: 53
 Commissioners: 3

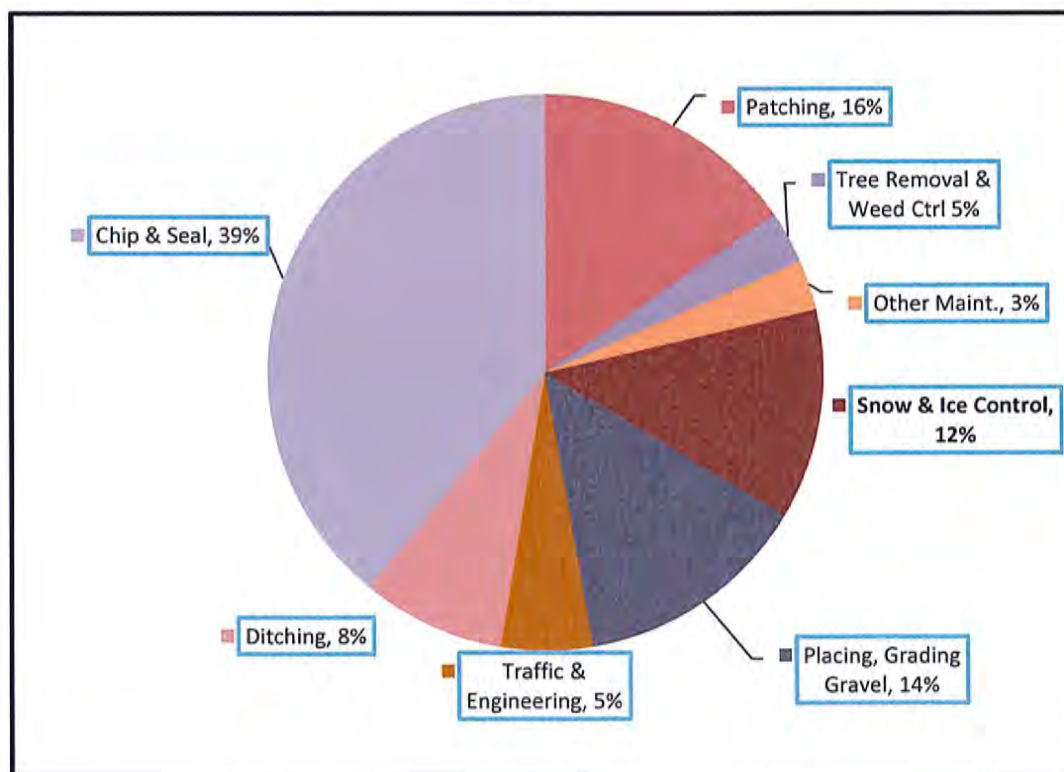
Townships served: 14

Bangor	Kawkawlin
Beaver	Merritt
Frankenlust	Monitor
Fraser	Mt. Forest
Garfield	Pinconning
Gibson	Portsmouth
Hampton	Williams

Total Revenue	\$14,228,499
MI Transportation Fund (MTF)	\$8,107,448
Federal Revenue	\$136,788
State Trunkline/Other	\$3,589,570
Township Contributions	\$1,873,381
Miles of 2016 Hvy Mtn. Projects	65.08
Miles of Local Roads Chip/Seal	51.75
Building Better Local Road Used	\$210,000
Primary Heavy Mtn Projects	\$1,207,376
Local Heavy Mtn Projects	\$1,314,860
Bridge Improvements	\$1,357,991
Tons of Salt Used	8,919

Expense Categories for Local Road Maintenance:

	<u>% of Total</u>	<u>Amount for 2016</u>		
Patching	16%	\$524,811	Total Miles of Road	1,035
Tree Removal & Weed Cont.	3%	104,834	Miles of Primary Road	369
Other Maint.	3%	98,434	Miles of Local Road	666
Snow & Ice Control (17% in 2015)	12%	417,116	Miles of Paved Road	891
Placing, Grading Gravel	14%	465,584	Bridges	77
Traffic & Engineering	5%	148,203		
Ditching	8%	285,025		
Chip & Seal	<u>39%</u>	<u>1,330,554</u>		
Total	100%	<u>\$3,374,561</u>		



Mission Statement



Our mission is to maintain a county road system that is safe and convenient for public travel. We will strive to provide the highest quality, cost-effective services to maintain and improve our road system.

Our work is a co-operative effort - a partnership between employees, residents, townships, and other government units.

Our policy is to be available and responsive to the needs of the citizens of Bay County.

Our Philosophy is to create an environment where all employees:

- Support working together and are involved in the organization process .
- Are properly trained and informed to help them achieve their full potential.
- Are willing to listen to and treat each other with respect.
- Are willing to be pro-active and utilize problem solving - cost reduction techniques.
- Engage in continuous improvement and education in all aspects of our mission.
- Are proud to be members of the Road Commission team.

BAY COUNTY ROAD COMMISSION – Safety and Service

Board of County Road Commissioners

The Bay County Board of Road Commissioners consists of three commissioners who are elected by a majority of the voting public. The road commissioners serve six-year staggered terms (one road commissioner being elected every two years). Their compensation, fixed by the Bay County Board of Commissioners, is paid from road funds on a salary basis.

The Board is the policy-making body of the Bay County Road Commission and is responsible for establishing budget priorities and managing Motor Transportation Funds (MTF) received on an annual basis of approximately \$7.7 million. The Board holds regularly scheduled public meetings as well as frequent public hearings to communicate with township officials and county residents on a variety of road and safety issues.



RICHARD S.
GROMASKI
Chairman

Mr. Richard (Dick) Gromaski has served as Chairman since January 2011 and had been Vice-Chairman since 2007. He is a graduate of Pinconning area schools and a lifelong resident of Bay County. He was the owner and operator of Dick's Super Service in Fraser Township for 38 years and served as Fraser Township Supervisor for 16 years. He enjoys family, friends, and serving the community.

ELECTED TERM
2013 - 2018



EDWARD L. RIVET
Vice Chairman

ELECTED TERM
2015- 2020



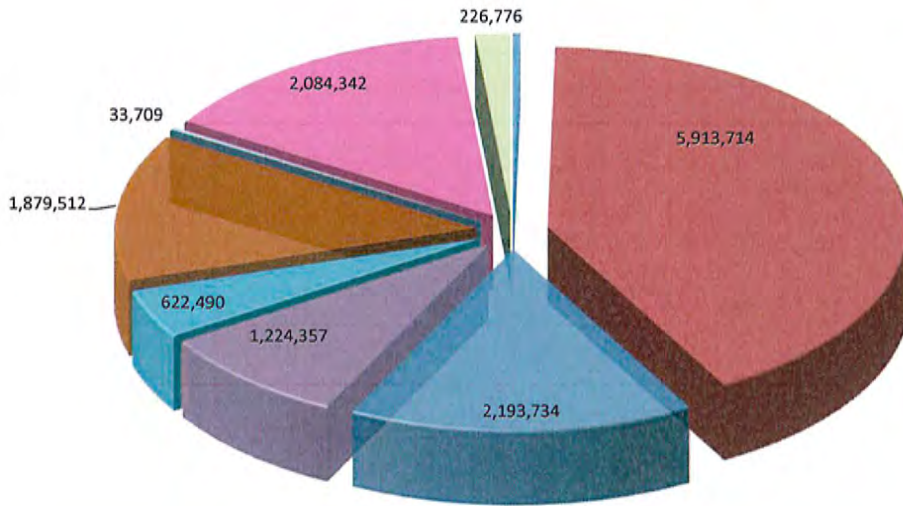
MICHAEL G. RIVARD
Member

ELECTED TERM
2011 - 2016

Map of Township and City Boundaries

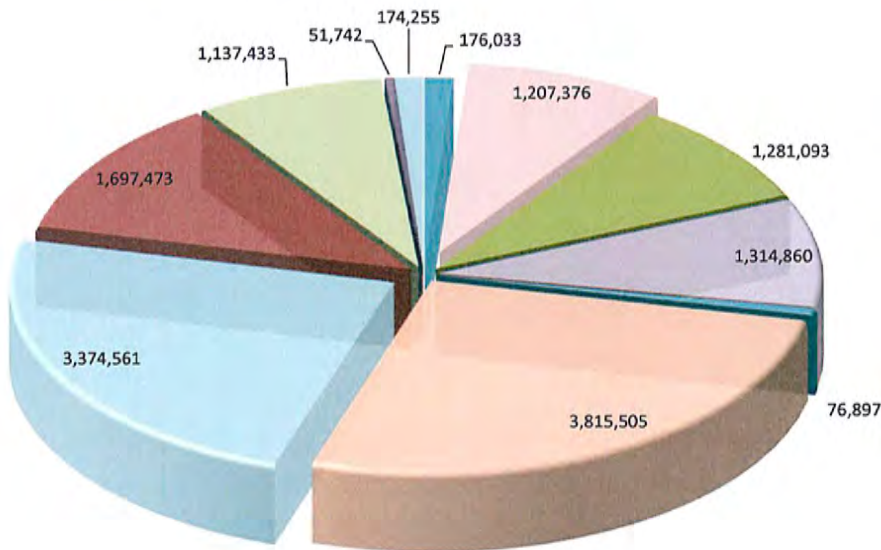


REVENUES



- INTEREST EARNED- \$ 49,865 0.4%
- MTF PRIMARY- \$ 5,913,714 41.6%
- MTF LOCAL- \$ 2,193,734 15.4%
- STATE & FED. GRANTS- \$ 1,224,357 8.6%
- OTHER STATE FD PA 252- \$ 622,490 4.4%
- STATE TRUNKLINES- \$ 1,879,512 13.2%
- GAIN ON DISPOSAL- \$ 33,709 0.2%
- LOCALLY RAISED FUNDS- \$ 2,084,342 14.6%
- PERMITS, ROYALTIES, MISC.- \$ 226,776 1.6%

EXPENSES



- CONSTRUCTION- \$ 176,033 1.2%
- HEAVY MAINT. PRIMARY - \$ 1,207,376 8.4%
- BRIDGES PRIMARY - \$ 1,281,093 9.0%
- HEAVY MAINT. LOCAL- \$ 1,314,860 9.2%
- BRIDGES LOCAL - \$ 76,897 0.5%
- ROUTINE MAINT. PRIMARY - \$ 3,815,505 26.6%
- ROUTINE MAINT. LOCAL- \$ 3,374,561 23.6%
- STATE TRUNKLINE MAINT. - \$ 1,697,473 11.9%
- ADMINISTRATION - \$ 1,137,433 8.0%
- OTHER - \$ 51,742 .4%
- CAPITAL OUTLAY-NET - \$ 174,255 1.2%

**BAY COUNTY ROAD COMMISSION
COMBINED BALANCE SHEET
ALL FUND TYPES AND ACCOUNT GROUPS
DECEMBER 31, 2016**

General
Operating

ASSETS

Cash and Cash Equivalents-	
On Deposit with Banks	\$ 231,539
On Deposit with County Treasurer	2,655,491
State Motor Transportation Funds	1,427,613
State Trunkline Maintenance	336,263
State Transportation Dept.-Other	433
Township Road Agreements	456,074
Due from County General Fund	-
Accounts Receivable	199,373
Inventories - Road Materials	494,252
- Equipment Parts and Materials	263,198
Prepaid Expenses	148,552
Interest Receivable	-
Deferred Federal Aid	1,918
Fixed Assets Net of Accumulated Depreciation	-
Amount to be Provided for Retirement of General Long-Term Debt	-
 Total Assets	 <u><u>\$ 6,214,706</u></u>

LIABILITIES AND FUND EQUITY

<u>Liabilities</u>	
Accounts Payable	371,303
Notes Payable - Short Term	-
Accrued Liabilities	60,299
Deferred Revenue	-
Advances from State	-
Deferred Revenue - Township Road Agreements:	258,373
Accrued Sick Leave & Vacation	-
Total Liabilities	689,975
 <u>Fund Equity:</u>	
Investment in General Fixed Assets	-
Fund Balance:	-
Primary -	2,576,006
Local -	-
County Road -	2,948,725
Total Fund Balances	5,524,731
 Total Liabilities and Fund Equity	 <u><u>\$ 6,214,706</u></u>

Account Groups		Total (Memo Only)
Fixed Assets	Long-Term Debt	December 31, 2015
\$ -	\$ -	\$ 231,539
-	-	2,655,491
-	-	1,427,613
-	-	336,263
-	-	433
-	-	456,074
-	-	-
-	-	199,373
-	-	494,252
-	-	263,198
-	-	148,552
-	-	-
-	-	1,918
2,290,166	-	2,290,166
-	881,105	881,105
-	-	-
<u>\$ 2,290,166</u>	<u>\$ 881,105</u>	<u>\$ 9,385,977</u>
\$ -	\$ -	\$ 371,303
-	-	-
-	-	60,299
-	-	-
-	-	-
-	-	258,373
-	881,105	881,105
-	881,105	1,571,080
-	-	-
2,290,166	-	2,290,166
-	-	-
-	-	2,576,006
-	-	-
-	-	2,948,725
-	-	5,524,731
-	-	-
<u>\$ 2,290,166</u>	<u>\$ 881,105</u>	<u>\$ 9,385,977</u>

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2016

STATEMENT OF REVENUES & EXPENSES BY FUND

DESCRIPTION	PRIMARY ROAD FUND	LOCAL ROAD FUND	ROAD COMM. FUND.	TOTAL
REVENUE:				
MICHIGAN TRANSPORTATION FUND	\$ 5,913,713	\$ 2,193,735	\$ -	\$ 8,107,448
STATE OTHER FUNDING	1,398,813	311,245		1,710,058
FEDERAL REVENUE	36,185	-	100,604	136,789
COUNTY RAISED REVENUE	-	2,084,341	-	2,084,341
STATE TRUNKLINE	-	-	1,879,512	1,879,512
GAIN ON DISPOSAL OF EQUIPMENT	-	-	33,709	33,709
INTEREST EARNED	24,434	-	25,431	49,865
MISCELLANEOUS REVENUE	23,044	17,326	24,845	65,215
OTHER	-	9,684	151,877	161,561
TOTAL REVENUE	\$ 7,396,189	\$ 4,616,331	\$ 2,215,978	\$ 14,228,498
EXPENDITURES:				
CONSTRUCTION	\$ 176,033	\$ -	\$ -	\$ 176,033
HEAVY MAINTENANCE	1,207,375	1,314,860	-	2,522,235
HEAVY MAINT. STRUCTURES	1,281,094	76,897	-	1,357,991
ROUTINE MAINTENANCE	3,815,505	3,374,561	-	7,190,066
ADMINISTRATIVE	655,376	482,056	-	1,137,432
STATE TRUNKLINE	-	-	\$ 1,697,473	1,697,473
EQUIPMENT ACCOUNT	(107,039)	(120,300)	(74,003)	(301,342)
OTHER	-	-	293,923	293,923
TOTAL OPERATING EXPENDITURES	\$ 7,028,344	\$ 5,128,074	\$ 1,917,393	\$ 14,073,811
NON-OPERATING EXPENDITURES:				
NET CAPITAL OUTLAY	-	-	174,255	174,255
DEBT PRINCIPAL PAYMENT	-	-	57,524	57,524
INTEREST EXPENSE	-	-	1,637	1,637
TOTAL EXPENDITURES	\$ 7,028,344	\$ 5,128,074	\$ 2,150,809	\$ 14,307,227
INCREASE (DECREASE) IN AVAILABLE OPERATING FUND				
	367,845	(511,743)	65,169	\$ (78,729)
BEGINNING FUND BALANCE 01/01/16	\$ 2,719,904	\$ -	\$ 2,883,555	\$ 5,603,459
ADJUSTMENT TO FUND BALANCE INTRA-FUND TRANSFER	(511,743)	511,743	-	-
ENDING BALANCE 12/31/16	\$ 2,576,006	\$ -	\$ 2,948,724	\$ 5,524,730

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2016

STATEMENT OF REVENUES

Calendar Years 2016-2013

	2016	2015	2014	2013
MICHIGAN TRANSPORTATION FUND				
County Primary Road Fund	\$5,913,713	\$5,794,203	\$5,637,562	\$5,611,305
County Local Road Fund	2,193,735	2,140,292	2,058,739	2,030,500
Total MTF	8,107,448	7,934,495	7,696,301	7,641,805
STATE GRANTS				
Other State Funding PA 252	622,491	1,033,088	836,632	-
State Bridge Money and Tire Grant	1,087,567	-	262,385	406,365
Total State Grants	1,710,058	1,033,088	1,099,017	406,365
FEDERAL AID REVENUE				
Surface Tran. Program (STP)	136,789	2,134,645	1,196,769	2,245,247
Total Federal Aid Revenue	136,789	2,134,645	1,196,769	2,245,247
COUNTY RAISED REVENUE				
City & Village Contributions	-	-	-	-
Township Contributions	1,873,380	2,105,451	2,486,322	2,394,515
Other Contributions	210,961	-	-	-
Total County Raised Revenue	2,084,341	2,105,451	2,486,322	2,394,515
TRUNKLINE MAINTENANCE	1,688,708	1,615,371	1,591,009	1,731,068
TRUNKLINE NON-MAINTENANCE	190,804	2,050	33,012	274,740
MISCELLANEOUS REVENUE				
Permit Fees	65,215	57,866	42,155	49,099
Salvage Sales	2,967	3,004	7,897	9,152
Interest Earned	49,865	(6,543)	56,526	51,406
Royalty Revenue	9,684	59,845	87,846	106,224
Sundry Refunds	7,378	7,845	978	-
Land & Building Sales	-	-	-	20
Gain on Disposal of Equipment	33,709	5,000	2,625	12,000
Other Revenues	141,532	-	-	227,000
Total Miscellaneous Revenue	310,350	127,017	198,027	454,901
TOTAL REVENUE	<u>\$14,228,498</u>	<u>\$14,952,117</u>	<u>\$14,300,457</u>	<u>\$15,148,641</u>

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2016

STATEMENT OF EXPENDITURES

Calendar Years 2016-2013

	2016	2015	2014	2013
OPERATING EXPENDITURES				
CONSTRUCTION				
Primary Road System	\$176,033	\$2,206,860	\$141,477	\$ 1,864,088
Local Road System	-	-	-	-
Total Construction	176,033	2,206,860	141,477	1,864,088
HEAVY MAINTENANCE				
Primary Road System	1,207,375	1,832,692	3,544,761	3,117,026
Primary Bridge & Structures	1,281,094	394,164	33,004	30,107
Total Primary Heavy Maintenance	2,488,469	2,226,856	3,577,765	3,147,133
Local Road System	1,314,860	1,606,138	1,950,782	1,296,951
Local Bridge & Structures	76,897	14,035	13,594	5,636
Total Local Heavy Maintenance	1,391,757	1,620,173	1,964,376	1,302,587
Total Heavy Maintenance	3,880,226	3,847,029	5,542,141	4,449,720
ROUTINE MAINTENANCE				
Primary Road System	2,629,359	1,242,184	908,119	1,056,494
Snow Removal and Ice Control	782,847	681,698	1,025,794	1,087,519
Traffic Control	403,299	346,174	373,639	315,171
Total Primary Maintenance	3,815,505	2,270,056	2,307,552	2,459,184
Local Road System	2,786,502	2,154,517	3,148,369	2,725,987
Snow Removal and Ice Control	417,116	471,643	626,666	445,110
Traffic Control	170,943	111,375	153,086	143,216
Total Local Maintenance	3,374,561	2,737,535	3,928,121	3,314,313
Total Routine Maintenance	7,190,066	5,007,591	6,235,673	5,773,497
ADMINISTRATIVE EXPENSE	1,137,432	1,246,043	942,483	822,614
STATE TRUNKLINE MAINTENANCE	1,506,614	1,646,998	1,512,658	1,731,068
STATE TRUNKLINE NON-MAINTENANCE	190,859	2,059	33,012	274,740

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2016

STATEMENT OF EXPENDITURES

Calendar Years 2016-2013

	2016	2015	2014	2013
EQUIPMENT EXPENSE				
*Direct Expense	1,017,268	968,540	1,035,059	1,042,207
*Indirect Expense	876,413	879,302	666,818	775,833
*Operating Expense	254,985	279,165	524,524	517,503
Total Equipment Expense	2,148,666	2,127,007	2,226,401	2,335,543
*Credit to Equipment Expense	(2,450,008)	(2,178,618)	(2,524,652)	(2,434,307)
Net Equipment Expense	(301,342)	(51,611)	(298,251)	(98,764)
TOTAL OPERATING EXPENDITURES	\$ 13,779,888	\$ 13,904,969	\$ 14,109,193	\$ 14,816,963
NON-OPERATING EXPENDITURES				
CAPITAL OUTLAY				
Land	\$ -	\$ -	\$ -	\$ -
Buildings	49,623	-	67,624	59,120
Road Equipment	570,328	377,370	49,515	355,820
Shop, Engineers, & Office Equipment	12,936	-	98,124	54,105
Yards & Storage	7,260	-	-	14,900
Equipment Retirement	(1,999)	-	-	-
Depreciation and Depletion	(463,893)	(530,002)	(548,853)	(605,382)
Net Capital Outlay	174,255	(152,632)	(333,590)	(121,437)
DEBT PRINCIPAL PAYMENT	57,524	55,932	54,384	59,161
OTHER EXPENSE	293,923	338,903	304,808	22,192
INTEREST EXPENSE	1,637	3,229	4,777	-
TOTAL EXPENDITURES	\$ 14,307,227	\$ 14,150,401	\$ 14,139,572	\$ 14,776,879

**Direct Expense-Mechanics Wages, fringe benefits and repair parts.*

**Indirect Expense-Garage supervision, storage cost, insurances, utilities, garage building maintenance, yard maintenance and building depreciation.*

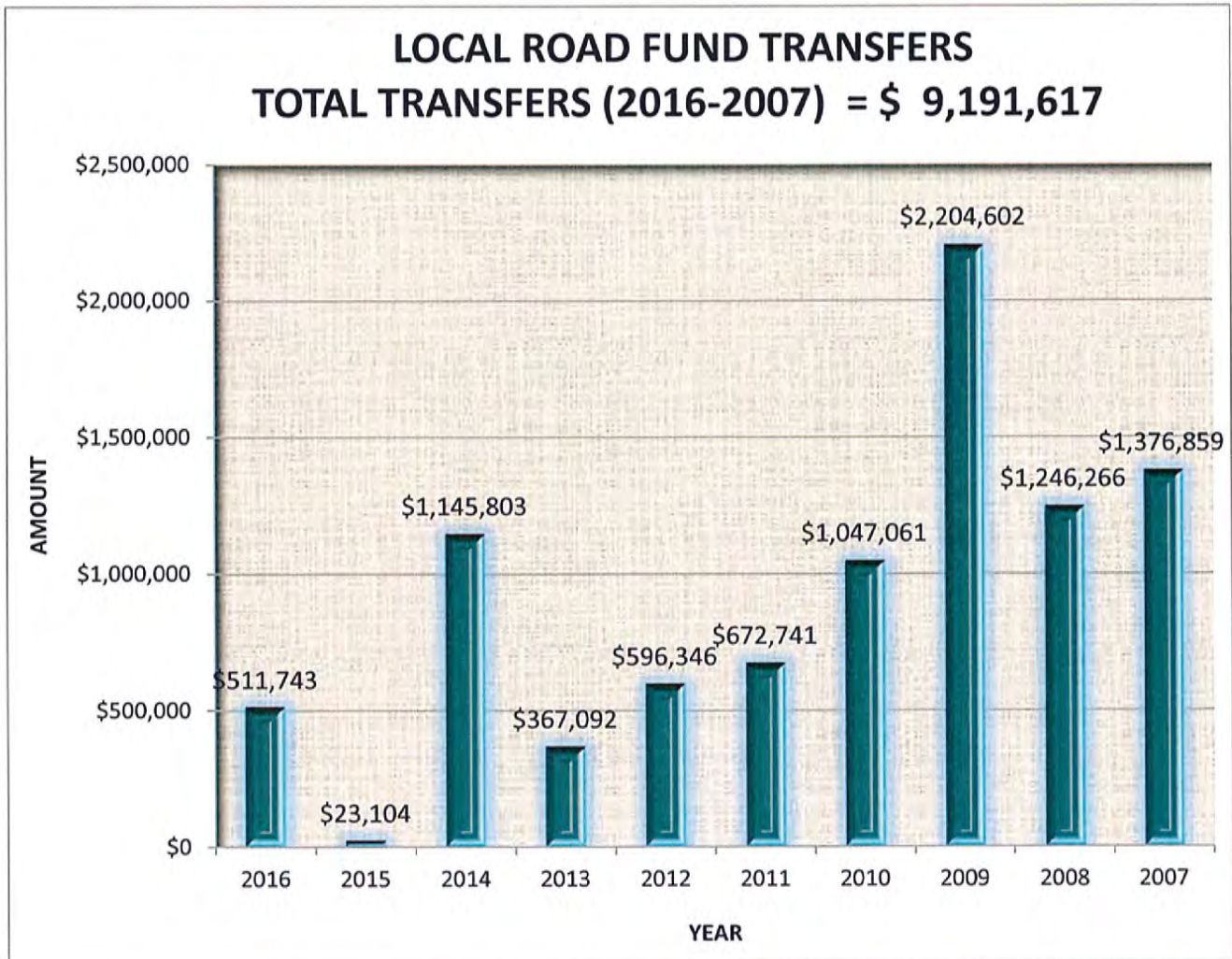
**Operating Expense-Gasoline, diesel, oil, grease, and anti-freeeze.*

**Credit to Equipment Expense-Equipment rental charged against construction, maintenance and heavy maintenance projects.*

STATEMENT OF CHANGES IN FUND BALANCE

Calendar Years 2016-2013

	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>
TOTAL REVENUES	\$ 14,228,498	\$ 14,952,117	\$ 14,300,457	\$ 15,148,641
TOTAL EXPENDITURES	\$ 14,307,227	\$ 14,150,401	\$ 14,139,572	\$ 14,776,879
EXCESS OF REVENUE OVER (UNDER) EXPENDITURES	<u>\$ (78,729)</u>	<u>\$ 801,716</u>	<u>\$ 160,885</u>	<u>\$ 371,762</u>
FUND EQUITY - JANUARY 1	\$ 5,603,460	\$ 4,801,744	\$ 4,640,859	\$ 4,269,097
Adjustment	\$ -	\$ -	\$ -	\$ -
FUND EQUITY - DECEMBER 31	<u>\$ 5,524,731</u>	<u>\$ 5,603,460</u>	<u>\$ 4,801,744</u>	<u>\$ 4,640,859</u>



BAY COUNTY ROAD COMMISSION

2016 - 2013

TOWNSHIP PAYMENTS

PAID CONTRIBUTIONS ON ROAD AGREEMENTS				
TOWNSHIP	2016	2015	2014	2013
BANGOR	9,665	44,141	39,651	5,666
BEAVER	186,393	188,628	269,269	206,096
FRANKENLUST	242,758	224,470	179,774	192,932
FRASER	190,553	214,584	253,338	162,013
GARFIELD	78,718	61,655	61,234	60,844
GIBSON	23,188	28,594	24,290	8,067
HAMPTON	92,573	46,473	283,822	52,386
KAWKAWLIN	241,977	464,086	147,390	175,823
MERRITT	121,402	79,525	72,456	81,662
MONITOR	42,858	18,803	309,805	325,809
MT. FOREST	5,524	29,479	30,194	7,077
PINCONNING	90,379	134,756	122,311	63,345
PORTSMOUTH	333,033	115,282	21,984	185,323
WILLIAMS	214,360	149,706	187,738	160,445
TOTALS	\$1,873,381	\$1,800,182	\$2,003,256	\$1,687,488

TOWNSHIP MAINTENANCE REPORT

MILEAGE: 369.28 666.10

PRIMARY LOCAL

Bangor Township		\$547,260.40	\$221,541.54
Beaver Township		\$157,793.50	\$154,196.65
Frankenlust Township		\$487,255.55	\$195,669.34
Fraser Township		\$177,178.21	\$222,573.71
Garfield Township		\$116,665.35	\$188,068.61
Gibson Township		\$124,955.64	\$135,927.17
Hampton Township		\$357,106.09	\$173,259.80
Kawkawlin Township		\$220,119.91	\$353,175.68
Merritt Township		\$147,605.76	\$189,059.52
Monitor Township		\$366,390.93	\$251,328.08
Mt. Forest Township		\$157,183.68	\$179,018.49
Pinconning Township		\$506,672.89	\$192,025.25
Portsmouth Township		\$179,215.85	\$410,028.69
Williams Township		\$270,101.50	\$508,688.45

Total Maintenance Expenditures	\$	3,815,505.26	3,374,560.98
Less Routine Maintenance Township Cont	\$	0.00	(1,023,713.89)
Total Maintenance Expenditures	\$	3,815,505.26	2,350,847.09
2016 Original Budget	\$	2,530,000.00	2,100,000.00
Budget vs. Actual Costs	\$	(1,285,505.26)	(250,847.09)

TOWNSHIP MAINTENANCE REPORT

ALL TOWNSHIPS

PRIMARY **LOCAL**
 MILEAGE: 369.28 666.10

DESCRIPTION OF WORK

Dust Control	\$0.00	\$144,906.07
Placing Gravel	\$16,412.14	\$45,287.04
Blading & Grading	\$23,432.88	\$275,390.65
Chip & Seal	\$11,663.44	\$603.78
AMZ Patching	\$25,293.46	\$77,196.68
Seal Blend	\$94,258.92	\$193,273.90
Surface Maintenance	\$270,464.15	\$254,340.50
Crack & Joint Sealing	\$153.15	\$0.00
Shoulder Maintenance	\$112,469.06	\$80,655.74
Curb & Gutter	\$0.00	\$0.00
Trees & Shrubs	\$91,823.73	\$80,073.41
Drainage & Backslope	\$367,803.63	\$279,297.24
Ditch Clean Out	\$4,520.41	\$5,727.26
Roadside Cleanup	\$91,278.78	\$14,407.72
Grass & Weed Control	\$235,439.37	\$24,760.80
Brush Cutting	\$4,422.40	\$3,739.17
Culvert / Underdrain Maintenance	\$0.00	\$0.00
Guard Rail & Post	\$0.00	\$0.00
Sweeping & Flushing	\$8,597.62	\$2,416.81
Winter Maintenance	\$782,847.39	\$414,331.04
Winter Maintenance Patrol	\$0.00	\$0.00
Bridge Structures	\$0.00	\$0.00
Traffic Signs	\$405,443.41	\$143,768.14
Engineering Services	\$297.15	\$1,887.28
Field Supervision	\$131,964.41	\$2,547.88
Roadway Inspection	\$3,325.03	\$0.00

BCRC Projects	\$1,133,594.73	\$1,329,949.87
Sub-Total of Maint. Expenditures	3,815,505.26	3,374,560.98
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	0.00	(1,023,713.89)
Total Maintenance Expenditures	3,815,505.26	2,350,847.09
2016 Original Budget	2,530,000.00	2,100,000.00
Budget vs. Actual Costs	(1,285,505.26)	(250,847.09)

TOWNSHIP MAINTENANCE REPORT

BANGOR TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	31.4	44.01
DESCRIPTION OF WORK		
Dust Control	\$ -	\$ -
Placing Gravel	-	137.58
Blading & Grading	791.27	501.90
Chip & Seal	-	-
AMZ Patching	5,871.35	1,971.83
Seal Blend	4,136.30	25,712.82
Surface Maintenance	69,641.60	36,150.22
Crack & Joint Sealing	-	-
Shoulder Maintenance	2,476.78	2,259.87
Curb & Gutter	-	-
Trees & Shrubs	17,790.61	14,765.99
Cleaning Drainage Structures	69,600.29	70,615.30
Ditch Clean Out	770.12	758.31
Roadside Cleanup	27,233.00	5,725.54
Grass & Weed Control	19,747.14	1,234.24
Brush Cutting		
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	2,947.69	1,602.85
Winter Maintenance	103,206.29	43,778.93
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	69,062.03	12,675.85
Engineering Services	-	507.85
Field Supervision	19,142.85	966.85
Roadway Inspection	434.70	-
BCRC Projects	\$ 134,408.38	\$ 2,175.61
Sub-Total of Maint. Expenditures	547,260.40	221,541.54
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	-
Total Maintenance Expenditures	547,260.40	221,541.54
2016 Original Budget	375,263.00	192,405.00
Budget vs. Actual Costs	\$ (171,997.40)	\$ (29,136.54)

TOWNSHIP MAINTENANCE REPORT

BEAVER TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 24.18 44.81

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	1,146.93	-
Blading & Grading	6,031.46	572.42
Chip & Seal	213.07	-
AMZ Patching	-	8,855.09
Seal Blend	-	6,432.73
Surface Maintenance	13,797.07	7,681.18
Crack & Joint Sealing	-	-
Shoulder Maintenance	1,060.45	-
Curb & Gutter	-	-
Trees & Shrubs	1,890.57	11,616.97
Cleaning Drainage Structures	31,679.14	10,485.48
Ditch Clean Out	-	-
Roadside Cleanup	2,886.79	1,248.71
Grass & Weed Control	13,764.91	556.93
Brush Cutting	145.16	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	61,971.53	28,478.42
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	16,825.87	3,263.68
Engineering Services	-	165.33
Field Supervision	4,734.08	589.93
Roadway Inspection	-	-
BCRC Projects	\$ 1,646.47	\$ 74,249.78
Sub-Total of Maint. Expenditures	157,793.50	154,196.65
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(72,835.72)
Total Maintenance Expenditures	157,793.50	81,360.93
2016 Original Budget	144,297.00	125,770.00
Budget vs. Actual Costs	\$ (13,496.50)	\$ 44,409.07

TOWNSHIP MAINTENANCE REPORT

FRANKENLUST TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 13.35 33.09

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 1,401.45
Placing Gravel	-	3,490.33
Blading & Grading	1,205.89	6,075.11
Chip & Seal	9,941.69	-
AMZ Patching	1,399.84	606.99
Seal Blend	7,568.98	33,445.53
Surface Maintenance	7,206.34	8,565.07
Crack & Joint Sealing	153.15	-
Shoulder Maintenance	350.34	391.17
Curb & Gutter	-	-
Trees & Shrubs	2,055.74	2,178.20
Cleaning Drainage Structures	40,677.92	24,786.34
Ditch Clean Out	-	-
Roadside Cleanup	1,512.74	393.05
Grass & Weed Control	14,274.38	2,218.59
Brush Cutting	-	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	48,067.41	25,617.79
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	23,274.01	30,606.23
Engineering Services	-	-
Field Supervision	5,995.09	153.14
Roadway Inspection	-	-

BCRC Projects	\$ 323,572.03	\$ 55,740.35
Sub-Total of Maint. Expenditures	487,255.55	195,669.34
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(55,740.35)
Total Maintenance Expenditures	487,255.55	139,928.99
2016 Original Budget	132,920.00	114,835.00
Budget vs. Actual Costs	\$ (354,335.55)	\$ (25,093.99)

TOWNSHIP MAINTENANCE REPORT

FRASER TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	29.44	56.62
DESCRIPTION OF WORK		
Dust Control	\$ -	\$ 3,540.07
Placing Gravel	1,137.63	223.26
Blading & Grading	-	8,203.09
Chip & Seal	-	-
AMZ Patching	1,329.30	10,620.81
Seal Blend	8,608.67	106.54
Surface Maintenance	16,331.17	21,023.44
Crack & Joint Sealing	-	-
Shoulder Maintenance	7,296.49	5,478.37
Curb & Gutter	-	-
Trees & Shrubs	8,831.12	2,236.29
Cleaning Drainage Structures	10,588.38	6,324.29
Ditch Clean Out	-	-
Roadside Cleanup	489.06	-
Grass & Weed Control	23,583.99	1,690.99
Brush Cutting	-	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	798.39	-
Winter Maintenance	56,122.78	29,058.60
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	15,144.96	6,028.39
Engineering Services	-	-
Field Supervision	10,313.66	-
Roadway Inspection	-	-
BCRC Projects	\$ 16,602.61	\$ 128,039.57
Sub-Total of Maint. Expenditures	177,178.21	222,573.71
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(114,532.02)
Total Maintenance Expenditures	177,178.21	108,041.69
2016 Original Budget	173,689.00	158,835.00
Budget vs. Actual Costs	\$ (3,489.21)	\$ 50,793.31

TOWNSHIP MAINTENANCE REPORT

GARFIELD TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	24.5	41.59
DESCRIPTION OF WORK		
Dust Control	\$ -	\$ 27,868.09
Placing Gravel	694.32	7,782.37
Blading & Grading	128.07	65,203.53
Chip & Seal	-	-
AMZ Patching	-	-
Seal Blend	7,544.14	-
Surface Maintenance	7,458.26	6,930.18
Crack & Joint Sealing	-	-
Shoulder Maintenance	6,103.13	25,108.01
Curb & Gutter	-	-
Trees & Shrubs	2,635.02	8,460.94
Cleaning Drainage Structures	11,648.67	11,391.31
Ditch Clean Out	-	-
Roadside Cleanup	604.96	-
Grass & Weed Control	14,960.46	828.66
Brush Cutting	1,750.80	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	366.69	-
Winter Maintenance	43,001.93	32,549.30
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	7,587.08	1,797.64
Engineering Services	-	148.58
Field Supervision	9,936.04	-
Roadway Inspection	-	-
BCRC Projects	\$ 2,245.78	\$ -
Sub-Total of Maint. Expenditures	116,665.35	188,068.61
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	-
Total Maintenance Expenditures	116,665.35	188,068.61
2016 Original Budget	139,511.00	116,725.00
Budget vs. Actual Costs	\$ 22,845.65	\$ (71,343.61)

TOWNSHIP MAINTENANCE REPORT

GIBSON TOWNSHIP

	MILEAGE:	PRIMARY 16.97	LOCAL 46.64
DESCRIPTION OF WORK			
Dust Control		\$ -	\$ 32,244.35
Placing Gravel		154.37	3,790.82
Blading & Grading		1,127.82	53,872.07
Chip & Seal		-	-
AMZ Patching		941.52	-
Seal Blend		9,692.29	1,126.94
Surface Maintenance		14,907.36	5,292.72
Crack & Joint Sealing		-	-
Shoulder Maintenance		6,688.91	6,877.43
Curb & Gutter		-	-
Trees & Shrubs		14,349.44	2,995.96
Cleaning Drainage Structures		4,604.74	4,760.35
Ditch Clean Out		-	-
Roadside Cleanup		402.89	-
Grass & Weed Control		9,586.96	1,102.65
Brush Cutting		-	-
Culvert / Underdrain Maintenance		-	-
Guard Rail & Post		-	-
Sweeping & Flushing		336.29	-
Winter Maintenance		46,612.25	20,711.82
Winter Maintenance Patrol		-	-
Bridge Structures		-	-
Traffic Signs		7,947.56	3,152.06
Engineering Services		-	-
Field Supervision		7,603.24	-
Roadway Inspection		-	-
BCRC Projects		\$ -	\$ -
Sub-Total of Maint. Expenditures		124,955.64	135,927.17
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>		-	-
Total Maintenance Expenditures		124,955.64	135,927.17
2016 Original Budget		120,412.00	130,875.00
Budget vs. Actual Costs		\$ (4,543.64)	\$ (5,052.17)

TOWNSHIP MAINTENANCE REPORT

HAMPTON TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 20.87 64.99

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	284.30	-
Blading & Grading	-	1,371.55
Chip & Seal	-	-
AMZ Patching	10,060.76	13,210.86
Seal Blend	1,375.93	14,880.15
Surface Maintenance	21,438.64	25,061.60
Crack & Joint Sealing	-	-
Shoulder Maintenance	8,386.86	4,429.86
Curb & Gutter	-	-
Trees & Shrubs	317.44	1,380.60
Cleaning Drainage Structures	1,084.70	5,191.02
Ditch Clean Out	-	-
Roadside Cleanup	22,794.58	3,340.19
Grass & Weed Control	10,481.28	512.61
Brush Cutting	481.11	2,785.02
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	1,908.39	-
Winter Maintenance	47,461.18	-
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	34,414.23	11,286.92
Engineering Services	-	-
Field Supervision	15,020.71	-
Roadway Inspection	2,615.27	-

BCRC Projects	\$ 178,980.71	\$ 89,809.42
Sub-Total of Maint. Expenditures	357,106.09	173,259.80
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(57,123.96)
Total Maintenance Expenditures	357,106.09	116,135.84
2016 Original Budget	143,395.00	231,420.00
Budget vs. Actual Costs	\$ (213,711.09)	\$ 115,284.16

TOWNSHIP MAINTENANCE REPORT

KAWKAWLIN TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 28.77 50.32

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 2,591.07
Placing Gravel	2,390.25	10,013.86
Blading & Grading	7,326.04	8,068.06
Chip & Seal	-	-
AMZ Patching	-	-
Seal Blend	15,556.90	29,480.76
Surface Maintenance	10,359.50	21,790.15
Crack & Joint Sealing	-	-
Shoulder Maintenance	3,349.66	-
Curb & Gutter	-	-
Trees & Shrubs	12,277.91	15,170.28
Cleaning Drainage Structures	28,416.93	17,718.68
Ditch Clean Out	359.75	83.81
Roadside Cleanup	2,580.32	-
Grass & Weed Control	21,571.14	4,604.31
Brush Cutting	-	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	61,243.41	31,877.81
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	28,668.42	12,264.06
Engineering Services	74.28	991.24
Field Supervision	6,238.37	-
Roadway Inspection	-	-

BCRC Projects	\$ 19,707.03	\$ 198,521.59
Sub-Total of Maint. Expenditures	220,119.91	353,175.68
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(210,829.42)
Total Maintenance Expenditures	220,119.91	142,346.26
2016 Original Budget	178,054.00	142,500.00
Budget vs. Actual Costs	\$ (42,065.91)	\$ 153.74

TOWNSHIP MAINTENANCE REPORT

MERRITT TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 17.44 56.49

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	6,046.99	6,820.97
Blading & Grading	-	18,830.40
Chip & Seal	227.59	-
AMZ Patching	-	4,765.71
Seal Blend	4,264.68	25,209.87
Surface Maintenance	14,010.89	9,722.55
Crack & Joint Sealing	-	-
Shoulder Maintenance	11,575.39	3,770.67
Curb & Gutter	-	-
Trees & Shrubs	-	-
Cleaning Drainage Structures	23,270.52	8,218.31
Ditch Clean Out	-	-
Roadside Cleanup	8,838.08	365.05
Grass & Weed Control	15,417.28	2,120.43
Brush Cutting	481.11	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	416.19
Winter Maintenance	30,659.05	30,569.61
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	22,091.44	8,735.94
Engineering Services	-	-
Field Supervision	10,585.21	82.46
Roadway Inspection	137.53	-

BCRC Projects	\$ -	\$ 69,431.36
Sub-Total of Maint. Expenditures	147,605.76	189,059.52
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(44,943.76)
Total Maintenance Expenditures	147,605.76	144,115.76
2016 Original Budget	120,664.00	158,475.00
Budget vs. Actual Costs	\$ (26,941.76)	\$ 14,359.24

TOWNSHIP MAINTENANCE REPORT

MONITOR TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 53.83 59.04

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 4,559.00
Placing Gravel	916.70	5,280.03
Blading & Grading	2,236.39	12,721.78
Chip & Seal	719.46	-
AMZ Patching	4,872.64	5,102.49
Seal Blend	14,531.13	17,646.93
Surface Maintenance	25,292.75	34,605.76
Crack & Joint Sealing	-	-
Shoulder Maintenance	9,415.96	387.57
Curb & Gutter	-	-
Trees & Shrubs	6,178.15	1,160.16
Cleaning Drainage Structures	57,375.77	59,247.45
Ditch Clean Out	735.16	-
Roadside Cleanup	6,540.53	2,356.44
Grass & Weed Control	26,881.45	481.21
Brush Cutting	954.15	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	86,313.56	65,375.87
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	85,081.46	16,060.76
Engineering Services	-	-
Field Supervision	5,604.98	-
Roadway Inspection	-	-

BCRC Projects	\$ 32,740.69	\$ 26,342.63
Sub-Total of Maint. Expenditures	366,390.93	251,328.08
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	-
Total Maintenance Expenditures	366,390.93	251,328.08
2016 Original Budget	343,389.00	216,985.00
Budget vs. Actual Costs	\$ (23,001.93)	\$ (34,343.08)

TOWNSHIP MAINTENANCE REPORT

MT. FOREST TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 27.14 41.85

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 50,398.60
Placing Gravel	853.38	4,883.57
Blading & Grading	1,572.67	62,160.37
Chip & Seal	-	-
AMZ Patching	-	-
Seal Blend	11,990.34	-
Surface Maintenance	14,976.28	7,172.52
Crack & Joint Sealing	-	-
Shoulder Maintenance	9,178.46	10,179.94
Curb & Gutter	-	-
Trees & Shrubs	4,300.17	2,521.94
Cleaning Drainage Structures	9,124.04	7,438.39
Ditch Clean Out	-	119.71
Roadside Cleanup	227.16	-
Grass & Weed Control	16,620.04	-
Brush Cutting	-	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	1,316.83	-
Winter Maintenance	37,606.29	21,100.12
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	17,915.41	3,365.53
Engineering Services	222.87	-
Field Supervision	7,881.98	-
Roadway Inspection	-	-

BCRC Projects	\$ 23,397.76	\$ 9,677.80
Sub-Total of Maint. Expenditures	157,183.68	179,018.49
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(5,524.00)
Total Maintenance Expenditures	157,183.68	173,494.49
2016 Original Budget	152,776.00	117,455.00
Budget vs. Actual Costs	\$ (4,407.68)	\$ (56,039.49)

TOWNSHIP MAINTENANCE REPORT

PINCONNING TOWNSHIP

	MILEAGE:	PRIMARY 28.44	LOCAL 56.33
DESCRIPTION OF WORK			
Dust Control		\$ -	\$ 18,426.32
Placing Gravel		490.54	2,661.66
Blading & Grading		-	20,768.97
Chip & Seal		561.63	-
AMZ Patching		125.12	13,793.36
Seal Blend		6,391.25	-
Surface Maintenance		17,978.37	30,577.06
Crack & Joint Sealing		-	-
Shoulder Maintenance		8,477.76	9,819.22
Curb & Gutter		-	-
Trees & Shrubs		12,501.69	10,262.67
Cleaning Drainage Structures		18,319.35	5,223.61
Ditch Clean Out		307.40	3,404.73
Roadside Cleanup		292.66	-
Grass & Weed Control		14,450.13	2,736.19
Brush Cutting		-	-
Culvert / Underdrain Maintenance		-	-
Guard Rail & Post		-	-
Sweeping & Flushing		923.34	397.77
Winter Maintenance		50,255.48	24,585.77
Winter Maintenance Patrol		-	-
Bridge Structures		-	-
Traffic Signs		20,926.74	14,059.37
Engineering Services		-	-
Field Supervision		11,851.58	-
Roadway Inspection		-	-
BCRC Projects		\$ 342,819.85	\$ 35,308.55
Sub-Total of Maint. Expenditures		506,672.89	192,025.25
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>		-	(23,809.64)
Total Maintenance Expenditures		506,672.89	168,215.61
2016 Original Budget		196,771.00	158,030.00
Budget vs. Actual Costs		\$ (309,901.89)	\$ (10,185.61)

TOWNSHIP MAINTENANCE REPORT

PORTSMOUTH TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 18.03 34.91

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	-
Blading & Grading	-	-
Chip & Seal	-	603.78
AMZ Patching	692.93	5,268.91
Seal Blend	2,598.31	21,227.66
Surface Maintenance	27,226.05	17,725.99
Crack & Joint Sealing	-	-
Shoulder Maintenance	25,630.96	11,075.88
Curb & Gutter	-	-
Trees & Shrubs	1,748.01	-
Cleaning Drainage Structures	10,877.78	8,063.93
Ditch Clean Out	-	167.08
Roadside Cleanup	13,255.68	978.74
Grass & Weed Control	12,048.65	5,967.88
Brush Cutting	481.11	-
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	42,922.84	26,970.78
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	29,615.94	8,590.16
Engineering Services	-	-
Field Supervision	11,980.06	165.57
Roadway Inspection	137.53	-

BCRC Projects	\$ -	\$ 303,222.33
Sub-Total of Maint. Expenditures	179,215.85	410,028.69
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(259,843.54)
Total Maintenance Expenditures	179,215.85	150,185.15
2016 Original Budget	124,746.00	113,010.00
Budget vs. Actual Costs	\$ (54,469.85)	\$ (37,175.15)

TOWNSHIP MAINTENANCE REPORT

WILLIAMS TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 34.92 35.41

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 3,877.12
Placing Gravel	2,296.73	202.59
Blading & Grading	3,013.27	17,041.40
Chip & Seal	-	-
AMZ Patching	-	13,000.63
Seal Blend	-	18,003.97
Surface Maintenance	9,839.87	22,042.06
Crack & Joint Sealing	-	-
Shoulder Maintenance	12,477.91	877.75
Curb & Gutter	-	-
Trees & Shrubs	6,947.86	7,323.41
Cleaning Drainage Structures	50,535.40	39,832.78
Ditch Clean Out	2,347.98	1,193.62
Roadside Cleanup	3,620.33	-
Grass & Weed Control	22,051.56	706.11
Brush Cutting	128.96	954.15
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	-	-
Sweeping & Flushing	-	-
Winter Maintenance	67,403.39	33,656.22
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	26,888.26	11,881.55
Engineering Services	-	74.28
Field Supervision	5,076.56	589.93
Roadway Inspection	-	-
BCRC Projects	\$ 57,473.42	\$ 337,430.88
Sub-Total of Maint. Expenditures	270,101.50	508,688.45
Less Routine Maintenance Township Contributions <i>(For Chip/Seal Projects and Dust Control if applicable)</i>	-	(178,531.48)
Total Maintenance Expenditures	270,101.50	330,156.97
2016 Original Budget	184,113.00	122,680.00
Budget vs. Actual Costs	\$ (85,988.50)	\$ (207,476.97)

2016 LOCAL CONSTRUCTION

Project #	Road Name	Description	Total Costs

TOTAL 2016 LOCAL CONSTRUCTION COSTS

\$0.00

2016 PRIMARY CONSTRUCTION

Project #	Road Name	Description	Total Costs
114002	Garfield Road	Reconstruction	\$53,999.52
114100	Garfield Road		\$118,179.28

2016 PRELIMINARY/DESIGN ENGINEERING PROJECTS

Project #	Road Name	Description	Total Costs
116002	New Road Engineering Services As Needed		\$3,854.44

PE- Preliminary/Design Engineering
 CE - Construction Engineering

TOTAL 2016 PRIMARY PROJECT COSTS

\$176,033.24

2016 LOCAL BRIDGE STRUCTURES

Project #	Description	Total Costs
016500	Countywide Bridge Inspections 10'-20'	\$59,416.34
016501	Countywide Bridge Inspections >20'	\$13,108.94
016502	Hunter Road Bridge	\$4,371.72

TOTAL 2016 LOCAL BRIDGE STRUCTURES COSTS \$76,897.00

2016 PRIMARY BRIDGE STRUCTURES

Project #	Description	Total Costs
114500	Midland Road Bridge Reconstruction	\$939,241.75
114501	Seven Mile Road	\$300,338.98
116500	Countywide Bridge Inspections 10'-20'	\$31,844.08
116501	Countywide Bridge Inspections >20'	\$9,668.86

TOTAL 2016 PRIMARY BRIDGE STRUCTURES COSTS \$1,281,093.67

2016 PRIMARY HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
111101	North Union	Euclid	2 Mile	Reconstruction of 2 Lane Road	\$10,048.68
111102	Salzburg	3 Mile	4 Mile	Reconstruction of 2 Lane Road	\$1,711.99
111103	Ricoma Beach	3 Mile	End	Reconstruction of 2 Lane Road	\$310.88
112105	Salzburg	Mackinaw	4 Mile	Reconstruction of 2 Lane Road	\$19,532.37
113014	Patterson	Wheeler	Wilder	Reconstruction of 2 Lane Road	\$615.00
113015	Old Kawkawlin	M-13	State Park	Reconstruction of 2 Lane Road	\$68,814.62
114300	Various			Countywide Road Sign Replacement	\$22,759.35
115012	Farley	M-138	Cass	HMA Overlay	\$27,932.69
115013	Cass	Jones	Farley	HMA Overlay	\$27,932.69
115014	Cass	M-15	Jones	HMA Overlay	\$495,539.15
115206	Mackinaw	Linwood	Anderson	Repair Culverts	\$54,394.95
115207	Midland	7 Mile	8 Mile	Extend the Elliptical	\$72,399.10
115220	Erickson	Flajole	End	Ditching	\$7,209.95
116001	Midland	Bridge 674	Fraser	Design the Reconstruction of Road	\$5,054.45
116003	Carter	Linwood	Beaver	Design the Reconstruction of Road	\$5,778.78
116004	State Park	Entrance	Wilder	Design Rehabilitation of Road	\$10,031.50
116005	3 Mile	M-84	Amelith	Reconstruction of 2 Lane Road	\$67,825.40
116006	State	Wilder	Wheeler	Light Crack Seal, Overband	\$6,962.65
116007	Hotchkiss	3 Mile	M-84	Light Crack Seal, Overband	\$1,882.33
116008	Standish	M-61	Whitefeather	Moderate Crack Seal, Overband	\$29,699.47
116009	11 Mile	Cody Estey	Pinconning	Light Crack Seal, Overband	\$1,253.63
116011	Midland	3 Mile	4 Mile	Light Crack Seal, Overband	\$1,334.61
116012	Salzburg	4 Mile	3 Mile	Light Crack Seal, Overband	\$1,067.45
116013	3 Mile	Amelith	Freeland	Heavy Crack Seal, Overband	\$12,400.42
116014	2 Mile	M-13	Wilder	Moderate Crack Seal, Overband	\$5,429.66
116028	Linwood Beach	N. Boutell	Lebourdais	Survey and Design	\$23,753.88
116200	Garfield	Parish	River	Ditch Clean Out	\$24,860.71
116201	Wheeler	2 Mile	Monitor	Ditch Clean Out	\$12,480.10
116202	Carter	Cottage Grove	Parish	Ditch Clean Out	\$18,721.58
116203	Ricoma Beach	State Park	End	Provide Drainage Outlet	\$23,500.44
116204	Midland	7 Mile	Fraser	Install Storm Sewer	\$32,491.88
116205	11 Mile	Cody Estey	Pinconning	Ditch Clean Out	\$3,297.21
116206	State Park	Wilder	Wheeler	Remove & Replace Catchbasin	\$14,605.21
116207	Mackinaw	Pinconning	Cody Estey	Remove & Replace Cross Culvert	\$4,133.48
116208	Midland	Fraser	7 Mile	Replace Cross Culvert	\$28,495.10
116216	Beaver	7 Mile	Fraser	Remove & Replace Cross Culvert	\$18,922.01
116400	Various			Herbicide Spray	\$7,391.44
117038	Garfield	Beaver	Seidlers	Cold Mill & Pave with HMA	\$12,833.10
117039	Pine	Munger	German	Crush & Shape existing HMA	\$23,967.89

TOTAL 2016 PRIMARY HEAVY MAINT. COSTS

\$1,207,375.80

2016 LOCAL HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
015016	Old	3 Mile	End	Crush & shape, & place aggregate	\$190.14
015076	Neuman	7 Mile	8 Mile	Crush & shape, & place aggregate	\$4,940.98
015081	2 Mile	Boyscout	Beaver	Crush & shape, & place aggregate	\$29,845.87
015083	Clara	Kaiser Tower	End	Crush & shape, & place aggregate	\$4,519.13
015084	1st	Center	End	Crush & shape, & place aggregate	\$4,519.13
015085	2nd	Center	End	Crush & shape, & place aggregate	\$4,519.13
015086	3rd	Center	End	Crush & shape, & place aggregate	\$4,519.14
015087	4th	Center	End	Crush & shape, & place aggregate	\$4,519.15
015088	5th	Center	End	Crush & shape, & place aggregate	\$4,519.15
015089	York	Cass	End	Crush & shape, & place aggregate	\$1,939.09
015090	Sandra	Michigan	End	Crush & shape, & place aggregate	\$1,939.09
015091	Sarah	Michigan	End	Crush & shape, & place aggregate	\$1,939.08
015092	Paradise	Michigan	End	Crush & shape, & place aggregate	\$1,939.08
015093	Seminole	Michigan	End	Crush & shape, & place aggregate	\$1,939.08
0150AA	Columbian	Midland	End	Crush & shape, & place aggregate	\$190.13
0150DD	8 Mile	Freeland	Delta	Work w/ others to Improve	\$122,150.30
015200	Frankenlust	Amelith	Delta	Ditch Cleanout	\$426.14
015213	Seidlers	Garfield	9 Mile	Remove & Replace Culvert	\$1,968.88
015217	Ridge	Wagner	Knight	Remove & Replace Culvert	\$92,864.05
015706	Various			Discretionary	\$2,095.36
016005	Flajole	Salzburg	Fisher	Place Aggregate	\$22,184.25
016020	Various			Seal Blend	\$2,343.51
016031	Newberg	Mackinaw	I-75	Crush & shape, & place aggregate	\$40,458.66
016035	Neuman	M-13	Mackinaw	Crush & shape, & place aggregate	\$26,086.51
016039	Briggs	Kinney	North	Place Aggregate	\$1,453.90
016040	Schnettler			Place Aggregate	\$21,826.72
016042	Wetters	7 Mile	End	Crush & shape, & place aggregate	\$14,948.90
016043	Wetters	7 Mile	End	Crush & shape, & place aggregate	\$4,320.77
016044	Cottage Grove	7 Mile	End	Crush & shape, & place aggregate	\$14,527.43
016046	N. Boutell	7 Mile	End	Crush & shape, & place aggregate	\$15,131.83
016047	River	Mackinaw	Fraser	Crush & shape, & place aggregate	\$24,899.89
016048	9 Mile	Whitefeather	Mount Forest	Crush & shape, & place aggregate	\$14,872.92
016049	Garfield	Cody Estey	Mount Forest	Crush & shape, & place aggregate	\$20,214.44
016050	Neuman	8 Mile	9 Mile	Crush & shape, & place aggregate	\$19,919.58
016051	Mount Forest	Garfield	End	Crush & shape, & place aggregate	\$9,849.85
016052	Erickson	Tower Beach	End	Crush & shape, & place aggregate	\$22,087.98
016053	Cody Estey	Maloney	End	Crush & shape, & place aggregate	\$13,927.41
016054	Bay Shore	Cody Estey	End	Crush & shape, & place aggregate	\$3,414.43
016055	Lapan	Shore	End	Crush & shape, & place aggregate	\$20,753.50
016056	Mount Forest	M-13	Elevator	Crush & shape, & place aggregate	\$9,148.50
016057	Mount Forest	Fraser	Mackinaw	Crush & shape, & place aggregate	\$4,416.84
016058	Bowker	M-138	Russell	Place Aggregate	\$4,506.15
016059	Russell	Bowker	Briggs	Place Aggregate	\$32,480.64
016066	Nebobish	Boutell	Jones	Light Crack Seal, Overband	\$1,344.07
016067	Charles	Pine	Orchard	Light Crack Seal, Overband	\$535.60
016068	Wilderness	Orchard	End	Light Crack Seal, Overband	\$1,786.33
016069	Wallinda	Borton	End	Light Crack Seal, Overband	\$1,892.20

2016 LOCAL HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	
016071	Nebobish	Orchard	Boutell	Light Crack Seal, Overband	\$4,148.27
016072	Wagner	M-25	Borton	Moderate Crack Seal, Overband	\$2,951.04
016074	Michigan	Amelith	Freeland	Crush & shape, & place aggregate	\$129,920.42
016076	Rail Trail	Youngs Ditch	Scheurman	Moderate Crack Seal, Overband	\$2,141.76
016077	Brookside Sub.			Moderate Crack Seal, Overband	\$3,371.15
016078	Brookside Sub. #2			Moderate Crack Seal, Overband	\$15,076.65
016079	Brookside Sub. #3			Moderate Crack Seal, Overband	\$4,497.76
016080	Fraser	Salzburg	US-10	Crush & shape, & place aggregate	\$38,471.76
016087	North Union	7 Mile	Fraser	Crush & shape, & place aggregate	\$3,507.13
016089	Mount Forest	Mackinaw	Fraser	Crush & shape, & place aggregate	\$43,202.19
016093	Court	Midland	End	Add Cul-de-sac	\$5,628.02
016094	Val	North Union	End	Add Cul-de-sac	\$5,166.65
016095	Carter	Erickson	Townline 16	Place Aggregate	\$31,526.17
016096	Newberg	8 Mile	Garfield	Place Aggregate	\$29,687.15
016100	Stevenson	8 Mile	9 Mile	Place Aggregate	\$18,679.70
016102	9 Mile	Newberg	Anderson	Place Aggregate	\$66,755.07
016103	9 Mile	Almeda Beach	Townline 16	Place Aggregate	\$8,165.67
016104	Rogers	Anderson	North	Place Aggregate	\$3,742.93
016105	Bay Mid Line	Townline 16	South	Place Aggregate	\$4,868.59
016200	Rogers	Wheeler	Wilder	Ditch Cleanout	\$8,729.26
016201	Rogers	Wheeler	Wilder	Remove & Replace Culvert	\$2,741.28
016204	9 Mile	River	Seidlers	Remove & Replace Culvert	\$6,279.08
016205	9 Mile	River	Parish	Remove & Replace Culvert	\$6,947.26
016206	11 Mile	River	Seidlers	Remove & Replace Culvert	\$6,745.20
016207	Saunders	Brown	End	Remove & Replace Culvert	\$6,105.16
016208	Cottage Grove	11 Mile	Garfield	Remove & Replace Culvert	\$5,461.32
016209	Bay Shore	Cody Estey	End	Remove & Replace Culvert	\$11,275.53
016211	Flajole	Stevenson	M-61	Replace Failed Cross Culvert	\$2,693.91
016212	Bay Mid Line	Erickson	Townline 16	Ditch Cleanout	\$12,145.05
016213	Stevenson	9 Mile	8 Mile	Replace Failed Cross Culvert	\$3,810.63
016214	Ott	8 Mile	7 Mile	Remove & Replace Culvert	\$4,988.31
016215	Gaertner	Salzburg	End	Remove & Replace Culvert	\$41,949.26
016216	State	Wheeler	End	Remove & Replace Culvert	\$3,094.21
016218	Chilson	North Union	End	Remove & Replace Culvert	\$13,021.63
016219	Townline 16	M-13	Mackinaw	Replace Failed Cross Culvert	\$5,825.61
016220	Peters Beach	Elevator	End	Replace Failed Cross Culvert	\$3,662.48
016227	Elevator	Cody Estey	Mount Forest	Replace Failed Cross Culvert	\$4,931.59
	Shared Project with Saginaw County Road Commission				\$10,842.60
	Shared Project with Midland County Road Commission				\$71,287.39

TOTAL 2016 LOCAL HEAVY MAINT. COSTS

\$1,314,859.75

2016 PRIMARY CHIP SEAL

Project #	Road Name	From Location	To Location	Description	Total Costs

TOTAL 2016 PRIMARY CHIP SEAL COSTS

\$0.00

2016 LOCAL CHIP SEAL

Project #	Road Name	From Location	To Location	Description	Total Costs
016003	4 Mile	Hotchkiss	Delta	Double Seal	\$26,870.64
016004	Fraser	Delta	Hotchkiss	Double Seal	\$28,869.71
016006	North Union	9 Mile	Garfield	Single Seal	\$12,787.09
016007	8 Mile	Wheeler	Townline 14	Single Seal	\$13,208.01
016008	11 Mile	Wheeler	Townline 14	Single Seal	\$12,798.49
016009	Townline 14	Garfield	11 Mile	Single Seal	\$12,638.05
016011	11 Mile	Wheeler	Wilder	Double Seal	\$42,379.10
016013	Fraser	Beaver	Kaw. River	Single Seal	\$28,388.73
016014	Townline 14	7 Mile	8 Mile	Single Seal	\$13,134.62
016015	Wetters	M-13	End	Double Seal	\$23,838.42
016016	Bond	River	Schmidt	Double Seal	\$32,094.11
016017	Schmidt	Bond	M-13	Double Seal	\$50,585.60
016018	Mosher	Beaver	Seidlers	Double Seal	\$63,614.73
016021	Kitchen	Fraser	I-75	Single Seal	\$11,623.85
016022	Anderson	Mackinaw	Fraser	Single Seal	\$13,175.86
016023	Erickson	M-13	Tower Beach	Single Seal	\$9,851.44
016024	Fraser	Kitchen	Erickson	Single Seal	\$13,161.30
016025	Elevator	Linwood	Anderson	Single Seal	\$13,755.56
016026	Anderson	M-13	Mackinaw	Single Seal	\$6,122.58
016027	Anderson	M-13	Kaiser	Single Seal	\$6,578.36
016028	Prevo	M-13	Kaiser	Single Seal	\$5,146.34
016029	Townline 16	Mackinaw	Fraser	Single Seal	\$15,329.57
016030	Erickson	Mackinaw	Fraser	Double Seal	\$30,726.84
016032	Briggs	M-138	Kinney	Single Seal	\$13,067.49
016033	Cotter	M-138	Russell	Single Seal	\$11,984.32
016034	Cass	Farley	Cotter	Single Seal	\$19,658.92
016036	Nolet	M-138	Russell	Single Seal	\$12,019.28
016037	Madajski	M-138	Finn	Single Seal	\$4,729.02
016038	Birch	M-138	End	Single Seal	\$2,792.48
016061	Knodt	Callahan	End	Single Seal	\$7,712.69
016062	Callahan	Knodt	Cass	Single Seal	\$36,374.35
016063	Cass	Cotter	End	Single Seal	\$4,435.61
016064	Cotter	Cass	M-25	Single Seal	\$15,229.15
016065	Youngs Ditch	Cotter	Farley	Single Seal	\$23,349.93
016081	Boutell	8 Mile	9 Mile	Single Seal	\$11,598.15
016082	Cottage Grove	Carter	11 Mile	Single Seal	\$14,141.30
016083	Bay Mid Line	Parish	Linwood	Single Seal	\$1,027.16
016084	11 Mile	Seidlers	Parish	Single Seal	\$21,992.66
016085	Flajole	Cottage Grove	Linwood	Single Seal	\$11,798.48
016086	Flajole	River	Parish	Single Seal	\$13,692.03
016088	Neuman	7 Mile	8 Mile	Double Seal	\$35,308.55
016090	German	M-15	Knight	Single Seal	\$19,916.14
016091	Jones	Youngs Ditch	German	Single Seal	\$19,199.16
01600M	Lincoln	Russell	Bullock	Single Seal	\$16,907.33
01600N	Burns	Cass	Youngs Ditch	Single Seal	\$11,293.26
01600O	Bullock	German	End	Single Seal	\$9,515.49

TOTAL 2016 LOCAL CHIP SEAL COSTS

\$824,421.95