

BAY COUNTY ROAD COMMISSION

2020

One Hundred and Twenty-First

ANNUAL REPORT



2021 Double Wing Truck

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Engineer-Manager's Report

Attached is the 121th Annual Report for the Board of County Road Commissioners, County of Bay (BCRC). This report is a brief summary of services the BCRC provided in 2020, including revenues and expenditures realized during the 2020 fiscal year. Please see Exhibit A on Page 2 of this report for specific accounting information.

Operationally, our staffing level has remained steady at or around 53 employees for the past several years. Michigan Transportation Fund (MTF) revenue, which represents the BCRC's primary operating and maintenance funding source, did not meet the anticipated level for 2020, due to the COVID pandemic. Revenues from the MTF remained approximately the same as for 2019. Of the 23.5 miles of road rehabilitation scheduled for 2020, only 13.5 miles were completed, directly attributed to the COVID pandemic's negative impact on MTF revenue. Our hope, MTF revenues rebound by 2022 and we are able to fund and complete road and bridge improvement projects at pre-pandemic levels. We continue to make significant strides in our ability to properly maintain and improve the overall transportation system. Further, the BCRC was able to maintain its equipment replacement schedule, despite the reduction in revenue. However, we do expect longer lead times to receive purchased equipment, as the supply chain has not yet recovered to its pre-COVID efficiency.

Our staff continues to receive compliments for their maintenance efforts throughout Bay County. BCRC crews, which provide snow plowing, concrete road repair/patching, address drainage issues, emergency signing and a host of other services, continually receive accolades and high marks for their workmanship, especially from the Michigan Department of Transportation (MDOT). These complimentary remarks are regularly heard during Board meetings from many of the Township officials. Our commitment to Bay County's motoring public remains strong.

BCRC engineering staff continue to complete the design for BCRC and MDOT/Federal-Aid projects in-house. Further, our construction engineering staff continue to complete the inspection and administrative duties associated with BCRC and MDOT/Federal-Aid road rehabilitation, bridge and drainage improvement projects. In both cases, the use of BCRC employees result in substantial savings to the BCRC. We expect these practices to continue in 2021 and beyond.

We enter 2021 with a substantial list of project needs. This is the last year we expect to receive an increase in MTF revenue, due to the road funding legislation passed in 2016. Although 10 miles of road construction was eliminated in 2021, those projects are included in the Board approved 2021 budget. The 2021 budget includes over 17 miles of hard-surface paving and the replacement of five bridges.

The BCRC's 10-Year Road Asset Management Plan is due in 2021. This plan will be crucial in guiding this agency to identify the "right fix, at the right time" for its roads and bridges. It will also assist staff and the Board in "right-sizing" the overall road and bridge system to adequately and efficiently move traffic. We continuously look for ways to reduce costs, identify and secure road and bridge grant funding and work with the Townships to address road needs. We diligently review our policies and procedures, institute new when necessary, in an ongoing effort to cost-effectively use the revenues we receive and provide the best possible road and bridge system for Bay County.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "James C. Lillo".

James C. Lillo, P.E.
Engineer-Manager
July 12, 2021

EXHIBIT A

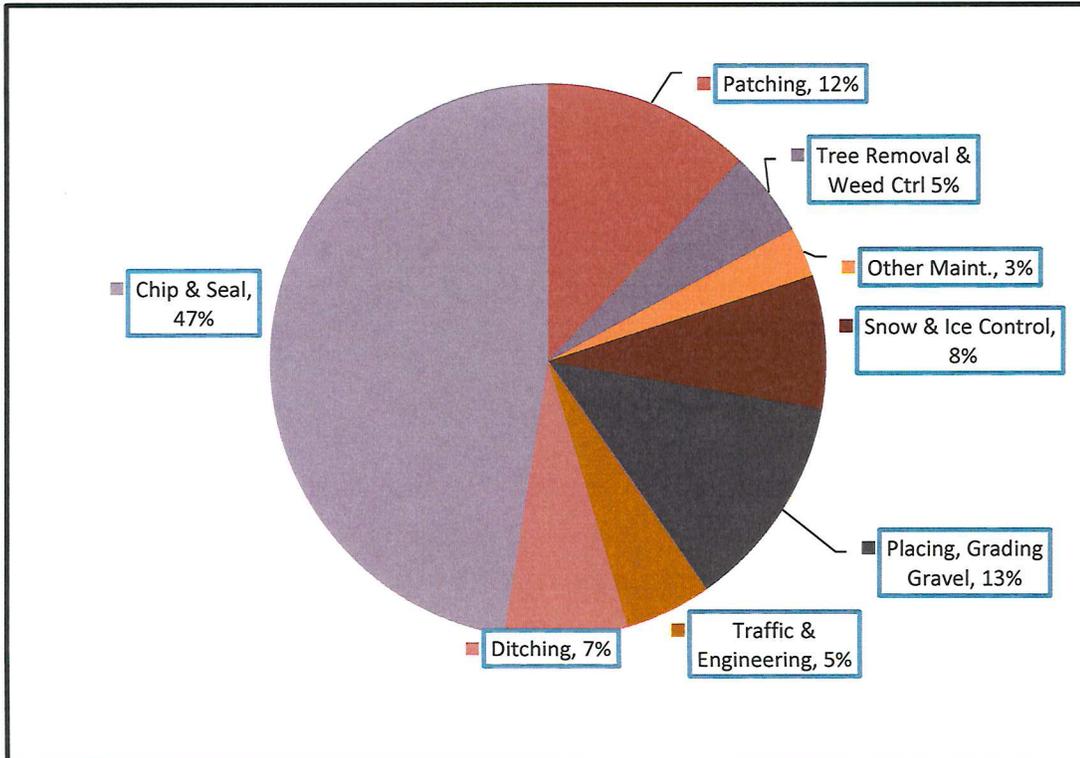
Bay County Residents:	102,550
Road Commission Employees:	53
Commissioners:	3
 Townships served:	 14
Bangor	Kawkawlin
Beaver	Merritt
Frankenlust	Monitor
Fraser	Mt. Forest
Garfield	Pinconning
Gibson	Portsmouth
Hampton	Williams

Total Revenue	\$23,898,708
MI Transportation Fund (MTF)	\$12,642,429
Federal Revenue	\$3,319,795
State Trunkline/Other	\$2,033,799
Township Contributions	\$2,374,166
Miles of 2020 Hvy Maint. Projects	49.21
Miles of Chip/Seal Projects	63.53
Building Better Local Road Used	\$240,000
Primary Heavy Maint. Projects	\$10,783,842
Local Heavy Maint. Projects	\$721,662
Bridge Inspections	\$31,960
Tons of Salt Used	7,274

Expense Categories for Local Road Maintenance:

	<u>% of Total</u>	<u>Amount for 2020</u>
Patching	12%	\$420,888
Tree Removal & Weed Control	5%	171,531
Other Maint.	3%	101,075
Snow & Ice Control (12% in 2019)	8%	269,705
Placing, Grading Gravel	13%	436,162
Traffic & Engineering	5%	173,940
Ditching	7%	249,355
Chip & Seal (38% in 2019)	<u>47%</u>	<u>1,645,940</u>
Total	100%	<u>\$3,468,596</u>

Total Miles of Road	1,034
Miles of Primary Road	371
Miles of Local Road	663
Miles of Paved Road	863
Bridges	84



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 Board of County Road Commissioners, County of Bay, consists of three members 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. The 2019 MTF equaled \$12.6 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.



EDWARD L. RIVET
Chairman

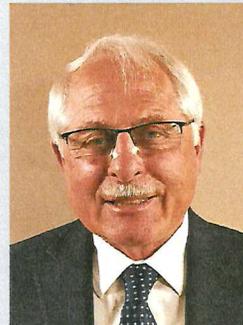
Mr. Edward (Ed) Rivet has been on the Board since 2009, was Vice-Chairman from 2011 through 2018 and, in 2019, was elected Chairman. Mr. Rivet graduated from Michigan State University and has held many township and county elected positions throughout his lifetime.

ELECTED TERM
2015 – 2020



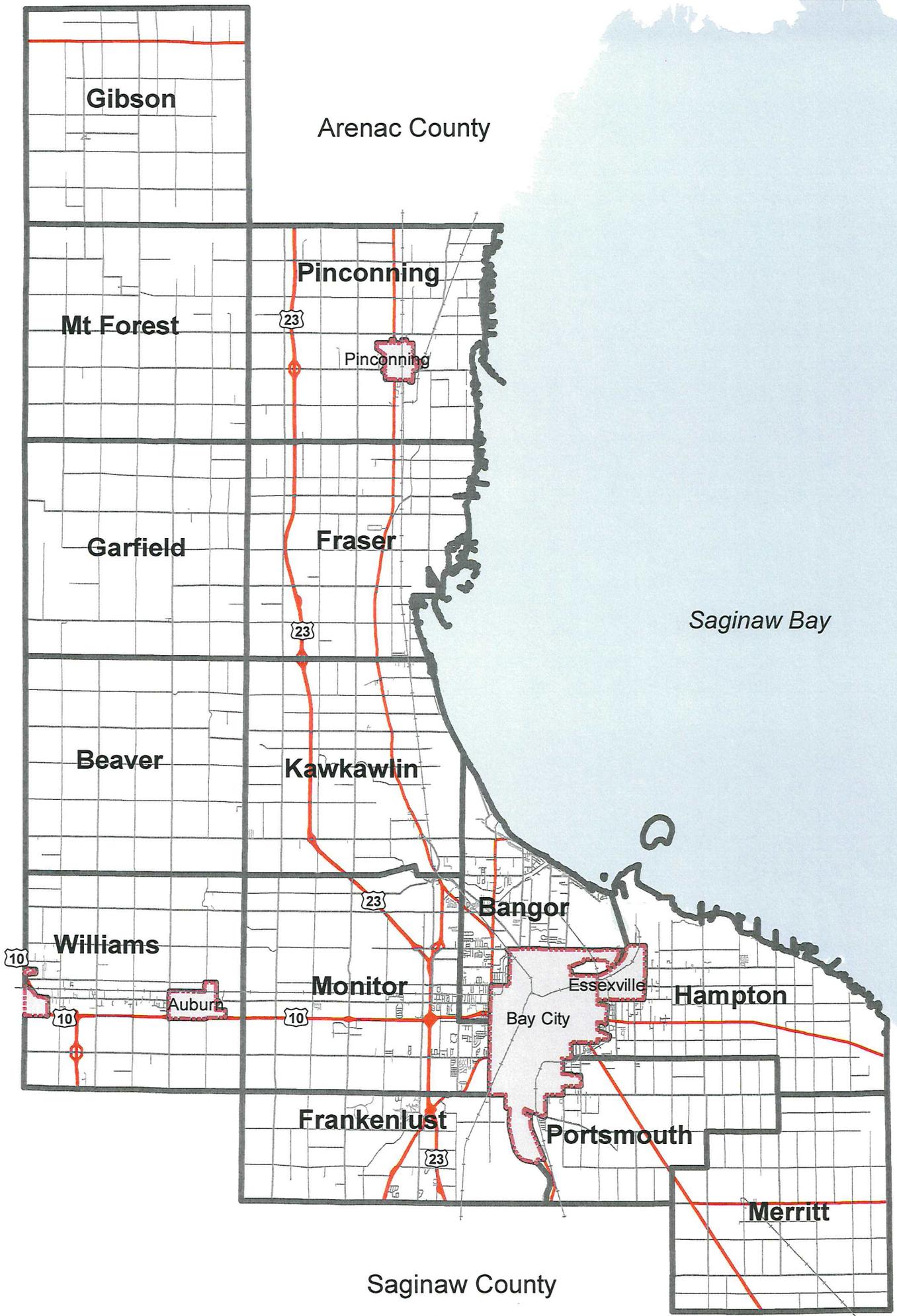
MICHAEL G. RIVARD
Vice-Chairman

ELECTED TERM
2017- 2022

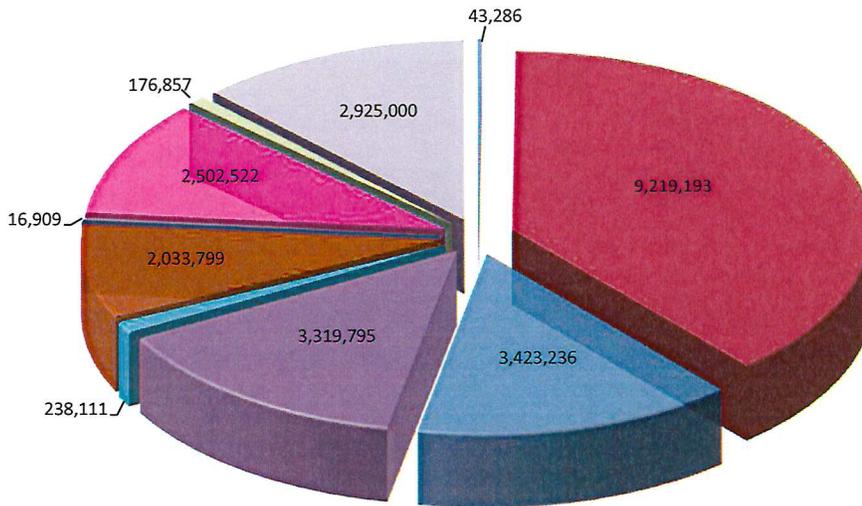


WILLIAM E. SCHUMACHER
Commissioner

ELECTED TERM
2019 - 2024

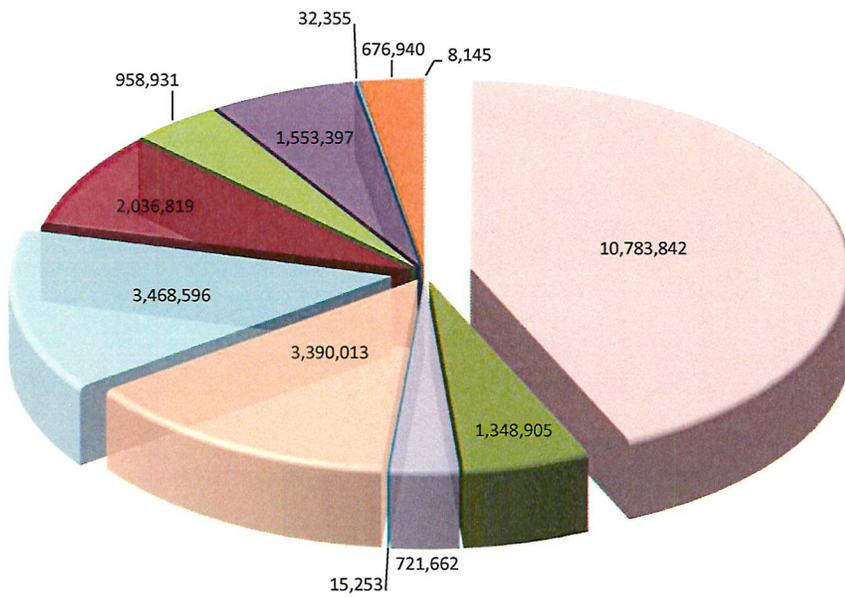


REVENUES



- INTEREST EARNED- \$ 43,286 0.2%
- MTF PRIMARY- \$ 9,219,193 38.5%
- MTF LOCAL- \$ 3,423,236 14.4%
- STATE & FED. GRANTS- \$ 3,319,795 13.9%
- OTHER STATE FD - \$ 238,111 1.0%
- STATE TRUNKLINES- \$ 2,033,799 8.5%
- GAIN ON DISPOSAL- \$ 16,909 0.1%
- LOCALLY RAISED FUNDS- \$ 2,502,522 10.5%
- PERMITS, ROYALTIES, MISC.- \$ 176,857 0.7%
- DRAIN AGREEMENTS- \$ 2,925,000 12.2%

EXPENSES



- CONSTRUCTION - \$ 8,145 .1%
- HEAVY MAINT. PRIMARY - \$ 10,783,842 43.1%
- BRIDGES PRIMARY - \$ 1,348,905 5.4%
- HEAVY MAINT. LOCAL- \$ 721,662 2.9%
- BRIDGES LOCAL - \$ 15,253 0.1%
- ROUTINE MAINT. PRIMARY - \$ 3,390,013 13.6%
- ROUTINE MAINT. LOCAL- \$ 3,468,596 13.9%
- STATE TRUNKLINE MAINT. - \$ 2,036,819 8.1%
- ADMINISTRATION - \$ 958,931 3.8%
- OTHER - \$ 1,553,397 6.2%
- CAPITAL OUTLAY-NET - \$ 32,355 0.1%
- EQUIPMENT EXPENSE- \$ 676,940 2.7%

**BAY COUNTY ROAD COMMISSION
 COMBINED BALANCE SHEET
 ALL FUND TYPES AND ACCOUNT GROUPS
 DECEMBER 31, 2020**

	<u>General Operating</u>
ASSETS	
Cash and Cash Equivalents-	
On Deposit with Banks	\$ 68,390
On Deposit with County Treasurer	3,341,215
State Motor Transportation Funds	2,100,435
State Trunkline Maintenance	148,543
State Transportation Dept.-Other	508
Township Road Agreements	207,776
Due from County General Fund	-
Accounts Receivable	83,725
Inventories - Road Materials	806,838
- Equipment Parts and Materials	273,816
Prepaid Expenses	95,048
Interest Receivable	-
Deferred Federal Aid	-
Fixed Assets Net of Accumulated Depreciation	-
Amount to be Provided for Retirement of General Long-Term Debt	-
 Total Assets	 <u><u>\$ 7,126,294</u></u>
LIABILITIES AND FUND EQUITY	
<u>Liabilities:</u>	
Accounts Payable	769,325
Notes Payable - Short Term	-
Accrued Liabilities	112,604
Deferred Revenue	-
Advances from State	490,892
Other Liabilities	20,047
Accrued Sick Leave & Vacation	-
Total Liabilities	1,392,868
<u>Fund Equity:</u>	
Investment in General Fixed Assets	-
Fund Balance:	
Primary	1,153,510
Local	4,030,160
County Road	549,756
Total Fund Balances	5,733,426
 Total Liabilities and Fund Equity	 <u><u>\$ 7,126,294</u></u>

Account Groups		Total (Memo Only)
Fixed Assets	Long-Term Debt	December 31, 2020
\$ -	\$ -	\$ 68,390
-	-	3,341,215
-	-	2,100,435
-	-	148,543
-	-	508
-	-	207,776
-	-	-
-	-	83,725
-	-	806,838
-	-	273,816
-	-	95,048
-	-	-
-	-	-
3,357,296	-	3,357,296
-	1,015,415	1,015,415
-	-	-
<u>\$ 3,357,296</u>	<u>\$ 1,015,415</u>	<u>\$ 11,499,005</u>
\$ -	\$ -	\$ 769,325
-	-	-
-	-	112,604
-	-	-
-	-	490,892
-	-	20,047
-	1,015,415	1,015,415
-	1,015,415	2,408,283
3,357,296	-	3,357,296
-	-	-
-	-	1,153,510
-	-	4,030,160
-	-	549,756
-	-	-
-	-	-
<u>\$ 3,357,296</u>	<u>\$ 1,015,415</u>	<u>\$ 11,499,005</u>

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2020

STATEMENT OF REVENUES & EXPENSES BY FUND

<u>DESCRIPTION</u>	Primary Road Fund	Local Road Fund	Road Comm. Fund	Total
<u>Revenue</u>				
Michigan Transportation Fund	\$ 9,219,193	\$ 3,423,236	\$ -	\$ 12,642,429
State Other Funding	238,111	-	-	238,111
Federal Revenue	3,319,795	-	-	3,319,795
County Raised Revenue	-	2,502,522	-	2,502,522
State Trunkline	-	-	2,033,799	2,033,799
Gain on Disposal of Equipment	-	-	16,909	16,909
Interest Earned	19,517	17,527	6,242	43,286
Miscellaneous Revenue	60,893	1,380	114,584	176,857
Other - Drain Agreements	2,925,000	-	-	2,925,000
Total Revenue	<u>\$ 15,782,509</u>	<u>\$ 5,944,665</u>	<u>\$ 2,171,534</u>	<u>\$ 23,898,708</u>
<u>Expenditures</u>				
Construction	\$ 8,145	\$ -	\$ -	\$ 8,145
Heavy Maintenance	10,783,842	721,662	-	11,505,504
Heavy Maint. Structures	1,348,905	15,253	-	1,364,158
Routine Maintenance	3,390,013	3,468,596	-	6,858,609
Administrative	754,598	204,333	-	958,931
State Trunkline	-	-	2,036,819	2,036,819
Equipment Account	262,156	270,046	144,738	676,940
Other	1,160,706	-	44,405	1,205,111
Total Operating Expenditures	<u>\$ 17,708,365</u>	<u>\$ 4,679,890</u>	<u>\$ 2,225,962</u>	<u>\$ 24,614,217</u>
<u>Non-Operating Expenditures</u>				
Net Capital Outlay	-	-	32,355	32,355
Debt Principal Payment	-	-	324,286	324,286
Interest Expense	-	-	24,000	24,000
Total Expenditures	<u>\$ 17,708,365</u>	<u>\$ 4,679,890</u>	<u>\$ 2,606,603</u>	<u>\$ 24,994,858</u>
Increase (Decrease) In Available Operating Fund	(1,925,856)	1,264,775	(435,069)	\$ (1,096,150)
Beginning Fund Balance 01/01/20	\$ 3,079,366	\$ 2,765,385	\$ 984,825	\$ 6,829,576
Adjustment to Fund Balance Intra-Fund Transfer	-	-	-	-
Ending Balance 12/31/20	<u>\$ 1,153,510</u>	<u>\$ 4,030,160</u>	<u>\$ 549,756</u>	<u>\$ 5,733,426</u>

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2020

STATEMENT OF REVENUES

Calendar Years 2020-2017

	2020	2019	2018	2017
<u>Michigan Transportation Fund</u>				
County Primary Road Fund	\$9,219,193	\$9,186,440	\$8,225,054	\$7,730,422
County Local Road Fund	3,423,236	3,407,747	3,070,009	2,870,144
Total MTF	12,642,429	12,594,187	11,295,063	10,600,566
<u>State Grants</u>				
Other State Funding PA 252	-	-	2,611,885	-
State Bridge, Tire Grant and other	238,111	763,557	-	415,476
Total State Grants	238,111	763,557	2,611,885	415,476
<u>Federal Aid Revenue</u>				
Surface Tran. Program (STP)	3,319,795	1,873,829	1,081,633	628,603
Total Federal Aid Revenue	3,319,795	1,873,829	1,081,633	628,603
<u>County Raised Revenue</u>				
City & Village Contributions	-	-	-	-
Township Contributions	2,374,166	2,238,526	1,476,400	1,295,089
Other Contributions	128,356	253,992	149,908	122,386
Total County Raised Revenue	2,502,522	2,492,518	1,626,308	1,417,475
Trunkline Maintenance	2,031,915	1,424,005	1,347,279	1,536,382
Trunkline Non-Maintenance	1,884	78,515	64,179	411,136
<u>Miscellaneous Revenue</u>				
Permit Fees	126,457	102,552	94,113	67,434
Salvage Sales	2,358	4,750	7,708	3,137
Interest Earned	43,286	125,425	97,174	67,370
Royalty Revenue	-	-	488	10,785
Sundry Refunds	279	332	534	557
Land & Building Sales	-	-	-	-
Gain on Disposal of Equipment	16,909	6,500	90,105	1,000
Drain Agreements	2,925,000	-	-	-
Other Revenues	47,763	409,929	92,475	126,807
Total Miscellaneous Revenue	3,162,052	649,488	382,597	277,090
Total Revenue	\$23,898,708	\$19,876,099	\$18,408,944	\$15,286,728

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2020

Statement of Expenditures

Calendar Years 2020-2017

	<u>2020</u>	<u>2019</u>	<u>2018</u>	<u>2017</u>
<u>Operating Expenditures</u>				
<u>Construction</u>				
Primary Road System	\$8,145	\$1,026,555	\$24,319	\$930
Local Road System	-	-	-	-
Total Construction	<u>8,145</u>	<u>1,026,555</u>	<u>24,319</u>	<u>930</u>
<u>Heavy Maintenance</u>				
Primary Road System	10,783,842	7,086,335	5,813,065	3,272,673
Primary Bridge & Structures	1,348,905	23,164	39,781	13,003
Total Primary Heavy Maintenance	<u>12,132,747</u>	<u>7,109,499</u>	<u>5,852,846</u>	<u>3,285,676</u>
Local Road System	721,662	1,835,065	555,795	1,078,541
Local Bridge & Structures	15,253	25,298	13,266	18,694
Total Local Heavy Maintenance	<u>736,915</u>	<u>1,860,363</u>	<u>569,061</u>	<u>1,097,235</u>
Total Heavy Maintenance	12,869,662	8,969,862	6,421,907	4,382,911
<u>Routine Maintenance</u>				
Primary Road System	2,417,496	2,604,127	2,542,418	2,676,968
Snow Removal and Ice Control	574,280	764,773	674,880	556,384
Traffic Control	398,237	437,371	463,891	472,575
Total Primary Maintenance	<u>3,390,013</u>	<u>3,806,271</u>	<u>3,681,189</u>	<u>3,705,927</u>
Local Road System	3,049,111	2,565,157	2,501,336	2,129,222
Snow Removal and Ice Control	268,439	376,795	233,997	246,334
Traffic Control	151,046	169,003	179,815	152,491
Total Local Maintenance	<u>3,468,596</u>	<u>3,110,955</u>	<u>2,915,148</u>	<u>2,528,047</u>
Total Routine Maintenance	6,858,609	6,917,226	6,596,337	6,233,974
Administrative Expense	958,931	1,006,266	973,376	1,060,425
State Trunkline Maintenance	2,034,935	1,430,717	1,392,680	1,534,103
State Trunkline Non-Maintenance	1,884	78,515	64,179	411,115

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2020

Statement of Expenditures

Calendar Years 2020-2017

	2020	2019	2018	2017
<u>Equipment Expense</u>				
*Direct Expense	1,515,438	1,471,423	1,151,939	1,074,058
*Indirect Expense	868,296	932,000	828,977	790,172
*Operating Expense	185,612	332,891	362,212	330,264
Total Equipment Expense	<u>2,569,346</u>	<u>2,736,314</u>	<u>2,343,128</u>	<u>2,194,494</u>
*Credit to Equipment Expense	(1,892,406)	(2,235,859)	(2,049,617)	(2,233,399)
Net Equipment Expense	<u>676,940</u>	<u>500,455</u>	<u>293,511</u>	<u>(38,905)</u>
Total Operating Expenditures	\$ 23,409,106	\$ 19,929,596	\$ 15,766,309	\$ 13,584,553
<u>Non-Operating Expenditures</u>				
<u>Capital Outlay</u>				
Land	\$ -	\$ -	\$ 7,735	\$ -
Buildings	6,759	81,652	125,189	67,639
Road Equipment	933,386	764,006	979,864	728,028
Shop, Engineers, & Office Equipment	-	-	7,996	-
Yards & Storage	-	-	-	15,438
Equipment Retirement	(8,991)	-	-	-
Depletable Assets	-	360,000	-	-
Depreciation and Depletion	(898,799)	(878,135)	(656,142)	(563,650)
Net Capital Outlay	<u>32,355</u>	<u>327,523</u>	<u>464,642</u>	<u>247,455</u>
Debt Principal Payment	324,286	0	0	0
Other Expense	1,205,111	944,669	399,374	602,805
Interest Expense	24,000	0	0	0
Total Expenditures	<u>\$ 24,994,858</u>	<u>\$ 21,201,788</u>	<u>\$ 16,630,325</u>	<u>\$ 14,434,813</u>

*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.

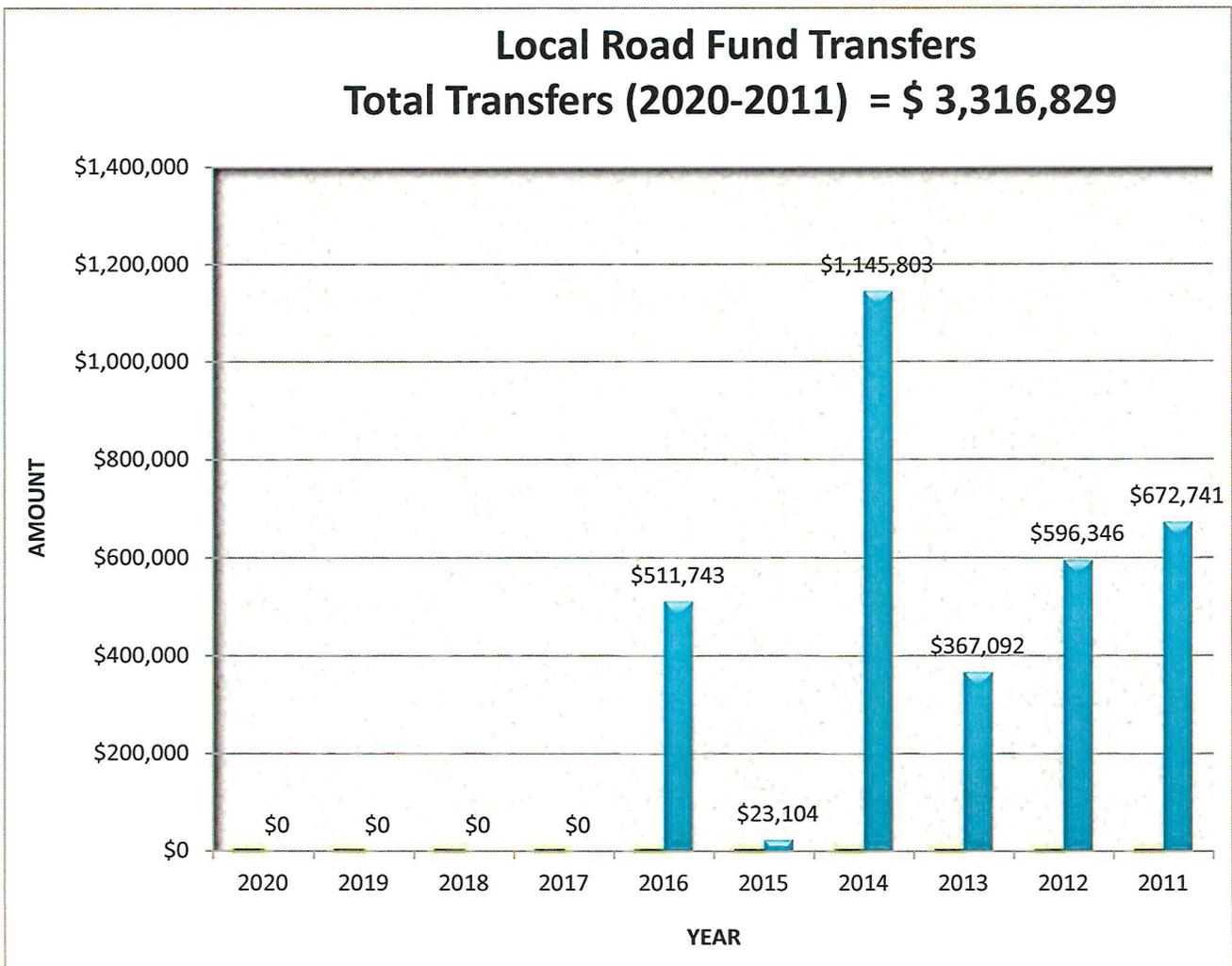
*Operating Expense-Gasoline, diesel, oil, grease, and anti-freeze.

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

STATEMENT OF CHANGES IN FUND BALANCE

Calendar Years 2020-2017

	2020	2019	2018	2017
Total Revenues	\$ 23,898,708	\$ 19,876,099	\$ 18,408,944	\$ 15,286,728
Total Expenditures	\$ 24,994,858	\$ 21,201,788	\$ 16,630,325	\$ 14,434,813
Excess of Revenue Over (Under) Expenditures	\$ (1,096,150)	\$ (1,325,689)	\$ 1,778,619	\$ 851,915
Fund Equity - January 1	\$ 6,829,576	\$ 8,155,265	\$ 6,376,646	\$ 5,524,731
Adjustment	\$ -	\$ -	\$ -	\$ -
Fund Equity - December 31	\$ 5,733,426	\$ 6,829,576	\$ 8,155,265	\$ 6,376,646



BAY COUNTY ROAD COMMISSION

2020 - 2017

TOWNSHIP PAYMENTS

TOWNSHIP	PAID CONTRIBUTIONS ON ROAD AGREEMENTS			
	2020	2019	2018	2017
BANGOR	355,629	316,049	3,053	20,487
BEAVER	154,996	186,935	139,751	51,426
FRANKENLUST	189,806	343,660	172,373	170,768
FRASER	125,718	182,294	199,926	199,464
GARFIELD	84,523	91,061	73,698	107,768
GIBSON	78,296	68,543	46,115	43,691
HAMPTON	92,234	378,237	61,138	7,300
KAWKAWLIN	408,256	89,689	139,954	340,428
MERRITT	91,826	110,026	51,459	61,263
MONITOR	161,134	106,499	61,247	35,189
MT. FOREST	24,501	64,922	41,806	39,990
PINCONNING	9,199	83,035	127,052	61,478
PORTSMOUTH	141,773	89,685	129,287	54,241
WILLIAMS	456,275	127,891	229,541	101,596
TOTALS	\$2,374,166	\$2,238,526	\$1,476,400	\$1,295,089

TOWNSHIP MAINTENANCE REPORT

MILEAGE: 370.62 663.15

PRIMARY LOCAL

Bangor Township		\$516,476.46		\$311,626.30
Beaver Township		\$231,910.11		\$283,871.72
Frankenlust Township		\$246,759.24		\$298,666.97
Fraser Township		\$165,040.28		\$200,323.77
Garfield Township		\$153,948.72		\$245,985.78
Gibson Township		\$78,769.77		\$135,173.73
Hampton Township		\$174,909.60		\$273,631.39
Kawkawlin Township		\$245,118.93		\$224,262.00
Merritt Township		\$161,676.14		\$268,655.31
Monitor Township		\$441,755.62		\$173,554.13
Mt. Forest Township		\$184,673.09		\$150,791.79
Pinconning Township		\$228,474.17		\$150,334.47
Portsmouth Township		\$167,521.22		\$248,501.80
Williams Township		\$392,979.20		\$503,216.85

Total Maintenance Expenditures	\$	3,390,012.55	3,468,596.01
2020 Original Budget	\$	3,847,751.00	2,883,972.00
Budget vs. Actual Costs	\$	457,738.45	(584,624.01)

TOWNSHIP MAINTENANCE REPORT

ALL TOWNSHIPS

PRIMARY LOCAL

MILEAGE: 370.62 663.15

DESCRIPTION OF WORK

Dust Control	\$4,462.16	\$142,118.02
Placing Gravel	\$5,939.25	\$54,957.69
Blading & Grading	\$1,800.18	\$239,086.23
Chip & Seal	\$17,439.27	\$92.51
AMZ Patching	\$25,826.18	\$76,926.46
Seal Blend	\$0.00	\$0.00
Surface Maintenance	\$448,798.56	\$343,961.18
Crack & Joint Sealing	\$8,441.09	\$0.00
Shoulder Maintenance	\$175,725.05	\$66,449.93
Curb & Gutter	\$0.00	\$0.00
Trees & Shrubs	\$91,770.41	\$141,515.29
Drainage & Backslope	\$109,212.51	\$160,160.27
Ditch Clean Out	\$136,702.76	\$89,194.42
Roadside Cleanup	\$22,981.70	\$5,287.53
Grass & Weed Control	\$185,209.20	\$30,015.41
Brush Cutting	\$35,458.96	\$15,233.10
Culvert / Underdrain Maintenance	\$138,384.84	\$2,940.42
Guard Rail & Post	\$48,572.49	\$4,278.29
Sweeping & Flushing	\$11,825.36	\$2,987.30
Winter Maintenance	\$574,652.24	\$269,705.15
Winter Maintenance Patrol	\$0.00	\$0.00
Bridge Structures	\$0.00	\$0.00
Traffic Signs	\$398,237.09	\$151,046.51
Engineering Services	\$16,988.47	\$0.00
Field Supervision	\$265,289.91	\$22,894.09
Roadway Inspection	\$681.45	\$249.52
Emergency Response	\$6,960.39	\$3,649.53
BCRC Projects	\$658,653.03	\$1,645,847.16
Sub-Total of Maint. Expenditures	3,390,012.55	3,468,596.01
2020 Original Budget	3,847,751.00	2,883,972.00
Budget vs. Actual Costs	457,738.45	(584,624.01)

TOWNSHIP MAINTENANCE REPORT

BANGOR TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 31.4 43.56

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 3,448.75
Placing Gravel	282.05	-
Blading & Grading	840.86	5,714.77
Chip & Seal	-	-
AMZ Patching	5,149.95	-
Seal Blend	-	-
Surface Maintenance	84,446.18	38,284.16
Crack & Joint Sealing	2.64	-
Shoulder Maintenance	9,864.31	707.92
Curb & Gutter	-	-
Trees & Shrubs	16,950.55	7,680.08
Cleaning Drainage Structures	38,859.70	20,707.19
Ditch Clean Out	14,017.79	141.47
Roadside Cleanup	1,566.14	118.31
Grass & Weed Control	13,045.77	2,034.73
Brush Cutting	1,931.03	-
Culvert / Underdrain Maintenance	42,534.89	2,940.42
Guard Rail & Post	114.23	-
Sweeping & Flushing	5,582.01	676.45
Winter Maintenance	77,547.89	30,933.12
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	70,850.07	5,918.78
Engineering Services	2,802.86	-
Field Supervision	30,555.45	-
Roadway Inspection	249.52	-
Emergency Response	597.88	161.39
BCRC Projects	\$ 98,684.69	\$ 192,158.76
Sub-Total of Maint. Expenditures	516,476.46	311,626.30
2020 Original Budget	573,590.00	251,501.00
Budget vs. Actual Costs	\$ 57,113.54	\$ (60,125.30)

TOWNSHIP MAINTENANCE REPORT

BEAVER TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	24.18	44.81

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	233.40
Blading & Grading	-	1,239.95
Chip & Seal	-	-
AMZ Patching	-	738.03
Seal Blend	-	-
Surface Maintenance	64,277.10	17,472.83
Crack & Joint Sealing	301.45	-
Shoulder Maintenance	7,697.40	178.79
Curb & Gutter	-	-
Trees & Shrubs	2,801.54	2,065.74
Cleaning Drainage Structures	7,558.09	2,653.62
Ditch Clean Out	23,645.45	2,433.09
Roadside Cleanup	1,624.04	147.27
Grass & Weed Control	17,315.13	2,897.64
Brush Cutting	2,691.23	976.95
Culvert / Underdrain Maintenance	22,715.93	-
Guard Rail & Post	2,671.85	456.87
Sweeping & Flushing	225.48	-
Winter Maintenance	38,022.68	11,721.39
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	23,499.94	5,994.91
Engineering Services	-	-
Field Supervision	16,378.82	-
Roadway Inspection	201.06	-
Emergency Response	282.92	-
BCRC Projects	\$ -	\$ 234,661.24
Sub-Total of Maint. Expenditures	231,910.11	283,871.72
2020 Original Budget	228,292.00	180,247.00
Budget vs. Actual Costs	\$ (3,618.11)	\$ (103,624.72)

TOWNSHIP MAINTENANCE REPORT

FRANKENLUST TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 16.5 29.94

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	858.05
Blading & Grading	-	4,065.17
Chip & Seal	-	-
AMZ Patching	4,179.68	994.69
Seal Blend	-	-
Surface Maintenance	29,708.83	20,172.54
Crack & Joint Sealing	-	-
Shoulder Maintenance	7,028.47	12,528.82
Curb & Gutter	-	-
Trees & Shrubs	6,214.04	10,691.27
Cleaning Drainage Structures	1,277.94	9,929.18
Ditch Clean Out	4,390.72	6,789.89
Roadside Cleanup	7,951.60	1,214.58
Grass & Weed Control	14,434.66	303.98
Brush Cutting	-	2,134.01
Culvert / Underdrain Maintenance	3,562.54	-
Guard Rail & Post	514.00	-
Sweeping & Flushing	1,224.90	-
Winter Maintenance	40,629.09	16,116.08
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	23,929.03	9,925.82
Engineering Services	-	-
Field Supervision	22,576.43	6,656.40
Roadway Inspection	-	-
Emergency Response	985.28	434.31
BCRC Projects	\$ 78,152.03	\$ 195,852.18
Sub-Total of Maint. Expenditures	246,759.24	298,666.97
2020 Original Budget	209,248.00	220,257.00
Budget vs. Actual Costs	\$ (37,511.24)	\$ (78,409.97)

TOWNSHIP MAINTENANCE REPORT

FRASER TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 28.39 57.67

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 4,358.72
Placing Gravel	-	2,277.15
Blading & Grading	959.32	7,300.45
Chip & Seal	99.16	92.51
AMZ Patching	-	5,703.67
Seal Blend	-	-
Surface Maintenance	18,313.66	7,673.08
Crack & Joint Sealing	-	-
Shoulder Maintenance	8,582.01	2,424.56
Curb & Gutter	-	-
Trees & Shrubs	2,087.80	8,546.69
Cleaning Drainage Structures	7,554.85	2,081.02
Ditch Clean Out	21,811.74	2,933.67
Roadside Cleanup	71.56	247.87
Grass & Weed Control	10,038.60	-
Brush Cutting	8,459.33	1,143.74
Culvert / Underdrain Maintenance	18,683.65	-
Guard Rail & Post	1,142.18	296.68
Sweeping & Flushing	416.57	-
Winter Maintenance	29,402.65	13,902.19
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	14,047.36	8,697.18
Engineering Services	-	-
Field Supervision	23,369.84	-
Roadway Inspection	-	-
Emergency Response	-	322.80
BCRC Projects	\$ -	\$ 132,321.79
Sub-Total of Maint. Expenditures	165,040.28	200,323.77
2020 Original Budget	246,796.00	243,025.00
Budget vs. Actual Costs	\$ 81,755.72	\$ 42,701.23

TOWNSHIP MAINTENANCE REPORT

GARFIELD TOWNSHIP

PRIMARY LOCAL

MILEAGE: 24.5 41.59

DESCRIPTION OF WORK

Dust Control	\$ 2,232.17	\$ 39,348.60
Placing Gravel	2,825.24	8,038.17
Blading & Grading	-	48,291.96
Chip & Seal	-	-
AMZ Patching	1,412.79	3,003.91
Seal Blend	-	-
Surface Maintenance	19,475.34	9,179.26
Crack & Joint Sealing	-	-
Shoulder Maintenance	4,863.12	617.41
Curb & Gutter	-	-
Trees & Shrubs	6,320.33	29,535.96
Cleaning Drainage Structures	9,126.88	6,290.08
Ditch Clean Out	15,234.74	-
Roadside Cleanup	837.93	-
Grass & Weed Control	13,669.95	2,767.01
Brush Cutting	5,743.25	2,334.83
Culvert / Underdrain Maintenance	7,567.62	-
Guard Rail & Post	436.48	-
Sweeping & Flushing	439.36	-
Winter Maintenance	28,220.66	15,477.01
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	13,375.11	3,901.53
Engineering Services	-	-
Field Supervision	21,151.69	-
Roadway Inspection	-	-
Emergency Response	1,016.06	372.49
BCRC Projects	\$ -	\$ 76,827.56
Sub-Total of Maint. Expenditures	153,948.72	245,985.78
2020 Original Budget	203,484.00	155,589.00
Budget vs. Actual Costs	\$ 49,535.28	\$ (90,396.78)

TOWNSHIP MAINTENANCE REPORT

GIBSON TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 16.97 46.64

DESCRIPTION OF WORK

Dust Control	\$ 2,229.99	\$ 27,282.97
Placing Gravel	860.38	14,189.36
Blading & Grading	-	35,721.64
Chip & Seal	-	-
AMZ Patching	-	-
Seal Blend	-	-
Surface Maintenance	7,813.96	11,213.06
Crack & Joint Sealing	-	-
Shoulder Maintenance	11,292.97	500.37
Curb & Gutter	-	-
Trees & Shrubs	2,322.39	23,232.37
Cleaning Drainage Structures	2,339.67	554.51
Ditch Clean Out	656.85	536.58
Roadside Cleanup	131.16	-
Grass & Weed Control	13,174.64	1,324.44
Brush Cutting	-	62.96
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	228.43	1,687.20
Sweeping & Flushing	335.00	-
Winter Maintenance	21,258.67	12,450.22
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	2,155.35	5,922.72
Engineering Services	-	-
Field Supervision	13,647.51	-
Roadway Inspection	-	-
Emergency Response	322.80	495.33
BCRC Projects	\$ -	\$ -
Sub-Total of Maint. Expenditures	78,769.77	135,173.73
2020 Original Budget	165,803.00	174,084.00
Budget vs. Actual Costs	\$ 87,033.23	\$ 38,910.27

TOWNSHIP MAINTENANCE REPORT

HAMPTON TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	20.87	64.35

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	1,520.43
Blading & Grading	-	7,929.00
Chip & Seal	-	-
AMZ Patching	1,012.49	10,145.65
Seal Blend	-	-
Surface Maintenance	34,710.65	43,794.34
Crack & Joint Sealing	-	-
Shoulder Maintenance	18,640.14	13,935.80
Curb & Gutter	-	-
Trees & Shrubs	7,826.16	870.53
Cleaning Drainage Structures	363.15	8,925.64
Ditch Clean Out	-	238.69
Roadside Cleanup	2,589.70	249.83
Grass & Weed Control	7,056.36	1,197.53
Brush Cutting	-	-
Culvert / Underdrain Maintenance	1,985.57	-
Guard Rail & Post	-	-
Sweeping & Flushing	1,322.31	282.67
Winter Maintenance	39,275.74	12,189.58
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	41,050.29	14,452.55
Engineering Services	-	-
Field Supervision	19,077.04	5,017.41
Roadway Inspection	-	-
Emergency Response	-	286.23
BCRC Projects	\$ -	\$ 152,595.51
Sub-Total of Maint. Expenditures	174,909.60	273,631.39
2020 Original Budget	234,046.00	295,158.00
Budget vs. Actual Costs	\$ 59,136.40	\$ 21,526.61

TOWNSHIP MAINTENANCE REPORT

KAWKAWLIN TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 28.01 50.86

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	786.85
Blading & Grading	-	1,405.73
Chip & Seal	277.40	-
AMZ Patching	1,327.17	6,367.67
Seal Blend	-	-
Surface Maintenance	33,309.71	37,899.91
Crack & Joint Sealing	-	-
Shoulder Maintenance	15,001.53	11,402.28
Curb & Gutter	-	-
Trees & Shrubs	4,866.11	9,403.23
Cleaning Drainage Structures	5,123.96	5,948.95
Ditch Clean Out	4,470.18	4,657.16
Roadside Cleanup	324.18	-
Grass & Weed Control	20,120.94	3,752.38
Brush Cutting	3,725.53	-
Culvert / Underdrain Maintenance	1,028.56	-
Guard Rail & Post	1,286.74	342.66
Sweeping & Flushing	-	-
Winter Maintenance	51,939.57	21,700.58
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	25,351.28	18,338.81
Engineering Services	-	-
Field Supervision	16,592.39	-
Roadway Inspection	-	-
Emergency Response	596.95	631.80
BCRC Projects	\$ 59,776.73	\$ 101,623.99
Sub-Total of Maint. Expenditures	245,118.93	224,262.00
2020 Original Budget	293,962.00	190,987.00
Budget vs. Actual Costs	\$ 48,843.07	\$ (33,275.00)

TOWNSHIP MAINTENANCE REPORT

MERRITT TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 17.44 56.49

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	5,814.52
Blading & Grading	-	33,480.62
Chip & Seal	16,502.64	-
AMZ Patching	-	7,196.82
Seal Blend	-	-
Surface Maintenance	17,375.48	39,528.49
Crack & Joint Sealing	-	-
Shoulder Maintenance	23,396.49	12,685.42
Curb & Gutter	-	-
Trees & Shrubs	2,182.78	7,198.94
Cleaning Drainage Structures	1,419.39	4,597.62
Ditch Clean Out	671.86	1,492.99
Roadside Cleanup	2,889.28	1,754.74
Grass & Weed Control	6,524.67	1,379.04
Brush Cutting	-	635.72
Culvert / Underdrain Maintenance	-	-
Guard Rail & Post	720.37	-
Sweeping & Flushing	1,469.69	94.23
Winter Maintenance	37,468.85	26,798.59
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	6,157.45	14,192.65
Engineering Services	-	-
Field Supervision	13,323.94	7,260.28
Roadway Inspection	-	-
Emergency Response	-	-
BCRC Projects	\$ 31,573.25	\$ 104,544.64
Sub-Total of Maint. Expenditures	161,676.14	268,655.31
2020 Original Budget	181,735.00	204,798.00
Budget vs. Actual Costs	\$ 20,058.86	\$ (63,857.31)

TOWNSHIP MAINTENANCE REPORT

MONITOR TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	53.83	59.04

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 842.49
Placing Gravel	-	-
Blading & Grading	-	7,073.81
Chip & Seal	262.58	-
AMZ Patching	1,139.93	3,459.93
Seal Blend	-	-
Surface Maintenance	42,050.67	23,698.67
Crack & Joint Sealing	6,511.88	-
Shoulder Maintenance	24,820.95	5,015.58
Curb & Gutter	-	-
Trees & Shrubs	12,079.12	6,284.74
Cleaning Drainage Structures	6,791.71	50,322.74
Ditch Clean Out	7,014.22	6,512.13
Roadside Cleanup	212.20	206.02
Grass & Weed Control	21,114.14	1,040.27
Brush Cutting	1,404.37	1,350.27
Culvert / Underdrain Maintenance	11,082.60	-
Guard Rail & Post	38,401.91	1,152.22
Sweeping & Flushing	-	-
Winter Maintenance	61,565.26	39,340.30
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	80,333.96	11,343.55
Engineering Services	4,130.99	-
Field Supervision	20,478.31	-
Roadway Inspection	230.87	-
Emergency Response	979.94	125.88
BCRC Projects	\$ 101,150.01	\$ 15,785.53
Sub-Total of Maint. Expenditures	441,755.62	173,554.13
2020 Original Budget	528,719.00	282,329.00
Budget vs. Actual Costs	\$ 86,963.38	\$ 108,774.87

TOWNSHIP MAINTENANCE REPORT

MT. FOREST TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	27.14	41.55

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 45,733.14
Placing Gravel	208.11	12,543.21
Blading & Grading	-	49,148.60
Chip & Seal	297.49	-
AMZ Patching	4,880.28	-
Seal Blend	-	-
Surface Maintenance	21,742.63	3,347.22
Crack & Joint Sealing	-	-
Shoulder Maintenance	4,846.60	70.30
Curb & Gutter	-	-
Trees & Shrubs	3,809.11	7,249.95
Cleaning Drainage Structures	10,464.29	6,981.07
Ditch Clean Out	24,627.91	4,389.65
Roadside Cleanup	-	-
Grass & Weed Control	14,231.12	1,932.55
Brush Cutting	4,246.62	-
Culvert / Underdrain Maintenance	562.47	-
Guard Rail & Post	789.46	-
Sweeping & Flushing	351.67	-
Winter Maintenance	30,076.77	12,887.07
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	13,766.53	3,453.79
Engineering Services	-	-
Field Supervision	13,039.50	-
Roadway Inspection	-	-
Emergency Response	306.31	-
BCRC Projects	\$ 36,426.22	\$ 3,055.24
Sub-Total of Maint. Expenditures	184,673.09	150,791.79
2020 Original Budget	212,812.00	156,855.00
Budget vs. Actual Costs	\$ 28,138.91	\$ 6,063.21

TOWNSHIP MAINTENANCE REPORT

PINCONNING TOWNSHIP

PRIMARY LOCAL

MILEAGE: 28.44 56.33

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 16,962.63
Placing Gravel	1,439.29	8,107.31
Blading & Grading	-	18,888.65
Chip & Seal	-	-
AMZ Patching	2,266.17	8,068.14
Seal Blend	-	-
Surface Maintenance	16,954.71	27,001.38
Crack & Joint Sealing	-	-
Shoulder Maintenance	8,923.93	2,219.63
Curb & Gutter	-	-
Trees & Shrubs	9,966.57	16,920.73
Cleaning Drainage Structures	8,410.00	9,217.25
Ditch Clean Out	8,796.90	15,810.38
Roadside Cleanup	646.74	-
Grass & Weed Control	11,400.23	2,840.68
Brush Cutting	4,863.27	513.79
Culvert / Underdrain Maintenance	9,185.15	-
Guard Rail & Post	1,733.15	342.66
Sweeping & Flushing	458.37	-
Winter Maintenance	28,614.74	12,646.02
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	31,042.75	10,185.17
Engineering Services	9,322.09	-
Field Supervision	23,015.49	-
Roadway Inspection	-	249.52
Emergency Response	322.80	360.53

BCRC Projects	\$ 51,111.82	\$ -
Sub-Total of Maint. Expenditures	228,474.17	150,334.47
2020 Original Budget	270,366.00	211,582.00
Budget vs. Actual Costs	\$ 41,891.83	\$ 61,247.53

TOWNSHIP MAINTENANCE REPORT

PORTSMOUTH TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	18.03	34.91

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	-
Blading & Grading	-	-
Chip & Seal	-	-
AMZ Patching	615.83	6,444.01
Seal Blend	-	-
Surface Maintenance	15,288.40	21,334.27
Crack & Joint Sealing	-	-
Shoulder Maintenance	10,084.65	3,167.87
Curb & Gutter	-	-
Trees & Shrubs	7,823.80	3,839.67
Cleaning Drainage Structures	3,254.30	5,673.61
Ditch Clean Out	1,567.31	1,158.96
Roadside Cleanup	3,545.44	1,348.91
Grass & Weed Control	7,040.91	4,029.12
Brush Cutting	827.98	3,510.06
Culvert / Underdrain Maintenance	4,608.11	-
Guard Rail & Post	372.55	-
Sweeping & Flushing	-	1,933.95
Winter Maintenance	32,407.47	23,195.91
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	22,846.71	17,531.62
Engineering Services	732.53	-
Field Supervision	14,795.58	3,960.00
Roadway Inspection	-	-
Emergency Response	1,266.53	286.23
BCRC Projects	\$ 40,443.12	\$ 151,087.61
Sub-Total of Maint. Expenditures	167,521.22	248,501.80
2020 Original Budget	193,231.00	155,898.00
Budget vs. Actual Costs	\$ 25,709.78	\$ (92,603.80)

TOWNSHIP MAINTENANCE REPORT

WILLIAMS TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 34.92 35.41

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 4,140.72
Placing Gravel	324.18	589.24
Blading & Grading	-	18,825.88
Chip & Seal	-	-
AMZ Patching	3,841.89	24,803.94
Seal Blend	-	-
Surface Maintenance	43,331.24	43,361.97
Crack & Joint Sealing	1,625.12	-
Shoulder Maintenance	20,682.48	995.18
Curb & Gutter	-	-
Trees & Shrubs	6,520.11	7,995.39
Cleaning Drainage Structures	6,668.58	26,277.79
Ditch Clean Out	9,797.09	42,099.76
Roadside Cleanup	591.73	-
Grass & Weed Control	16,042.08	4,516.04
Brush Cutting	1,566.35	2,570.77
Culvert / Underdrain Maintenance	14,867.75	-
Guard Rail & Post	161.14	-
Sweeping & Flushing	-	-
Winter Maintenance	58,222.20	20,347.09
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	29,831.26	21,187.43
Engineering Services	-	-
Field Supervision	17,287.92	-
Roadway Inspection	-	-
Emergency Response	282.92	172.54

BCRC Projects	\$ 161,335.16	\$ 285,333.11
Sub-Total of Maint. Expenditures	392,979.20	503,216.85
2020 Original Budget	305,667.00	161,662.00
Budget vs. Actual Costs	\$ (87,312.20)	\$ (341,554.85)

2020 LOCAL CONSTRUCTION

Project #	Road Name	Description	Total Costs

TOTAL 2020 LOCAL CONSTRUCTION COSTS **\$0.00**

2020 PRIMARY CONSTRUCTION

Project #	Road Name	Description	Total Costs
114100	Garfield Road	Reconstruction	\$8,145.46

TOTAL 2020 PRIMARY PROJECT COSTS **\$8,145.46**

2020 LOCAL BRIDGE STRUCTURES

Project #	Description	Total Costs
200490	Bridge Safety Inspections	\$15,252.97

TOTAL 2020 LOCAL BRIDGE STRUCTURES COSTS \$15,252.97

2020 PRIMARY BRIDGE STRUCTURES

Project #	Description	Total Costs
118036	Seven Mile Road Bridge Over Tebo Drain	\$114,233.41
119036	Anderson Road Bridge Over NB Kawkawlin	\$19,272.70
120009	Erickson Road Bridge Over Tebo Drain	\$1,075,796.91
120015	Mackinaw Road Bridge Over Johnson Drain	\$73,385.75
120016	Garfield Road Bridge Over SB Pinconning	\$49,509.37
200489	Bridge Safety Inspections	\$16,706.68

TOTAL 2020 PRIMARY BRIDGE STRUCTURES COSTS \$1,348,904.82

2020 PRIMARY HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
113015	Old Kawkawlin	M-13	State Park	Reconstruction of 2 Lane Road	\$38,970.77
116004	State Park	Entrance	Wilder	Design Rehabilitation of Road	\$29,890.63
117037	Garfield	Seidlers	River	Crush & Shape Existing HMA	\$343,238.40
118030	Chip	Mackinaw	Old Beaver	Crush & Shape	\$651,040.72
118031	Garfield	Hotchkiss	US-10	Cold Mill & Repave with HMA	\$1,097,627.57
118034	Salzburg	Garfield	11 Mile	Crush & Shape	\$680,630.58
118038	Wheeler	M-247	Patterson	Survey and Design	\$684,231.93
118054	Garfield	US-10	Midland	Widening into 3 Lanes	\$158.30
119008	Wheeler	7 Mile	Rockwell	Cold Mill & Repave with HMA	\$1,933.24
119034	11 Mile	Bentley	M-61	Crush & Shape & Repave with HMA	\$689.66
119038	Old Kawkawlin	2 Mile	State Park	Reconstruction of 2 Lane Road	\$1,854,084.36
119091	Various			Hoppler Creek Drain	\$1,218,034.48
120004	German	M-15	Bullock	HMA, Cold Mill and Crush & Shape	\$772,013.33
120005	Mackinaw	Townline 16	Cody Estey	Reconstruct, Crush & Shape	\$1,226,695.16
120006	2 Mile	Midland	Wilder	HMA, Cold Mill and Crush & Shape	\$5,417.00
120010	Old Kawkawlin	M-13	Lauria	Cold Mill & Repave with HMA	\$20,848.81
200262	Garfield	Hotchkiss	Salzburg	Install Storm Sewer	\$15,887.49
200574	Garfield	Linwood	Erickson	3R Pulverize and HMA Pave	\$43,909.08
200575	Midland	US-10	Carter	3R Pulverize and HMA Reconstruct	\$12,812.49
200576	3 Mile	M-84	Midland	3R Pulverize and HMA Pave	\$82,468.85
201074	Various			Waldo Drain Improvements	\$881,037.60
201075	Various			Tebo Erickson Project	\$1,122,221.64

TOTAL 2020 PRIMARY HEAVY MAINT. COSTS

\$10,783,842.09

2020 LOCAL HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
019004	Bis Subdivision			Place HMA	\$157,807.86
019053	Seidlers	I-75	End	Place Aggregate	\$88,105.35
019054	Schmidt	M-13	End	Place Aggregate	\$26,509.97
019055	Jose	M-13	End	Place Aggregate	\$14,625.24
019157	Pepperberry Sub.			Cold Mill and Pave	\$151,890.03
200292	Wetters	7 Mile	End	Place Aggregate	\$17,349.65
200295	Schmidt	7 Mile	8 Mile	Crush & Shape, Place Aggregate	\$88,841.56
200296	Seidlers	7 Mile	End	Crush & Shape, Place Aggregate	\$62,844.92
200551	Brown	Flajole	Standish	Crush & Shape, Place Aggregate	\$50,700.60
200552	9 Mile	M-61	County Line	Crush & Shape, Place Aggregate	\$40,381.62
200688	8 Mile	Seidlers	Schmidt	Crush & Shape, Place Chip Seal	\$22,604.73

TOTAL 2020 LOCAL HEAVY MAINT. COSTS

\$721,661.53

2020 PRIMARY CHIP SEAL

Project #	Road Name	From Location	To Location	Description	Total Costs
119066	Salzburg	11 Mile	Carter	Single Seal	\$24,493.05
119070	Killarney Beach	M-247	Athlone Beach	Double Seal	\$7,444.76
120012	Delta	M-84	Mackinaw	Single Seal	\$28,045.60
200538	Salzburg	Garfield	8 Mile	Single Seal	\$38,327.22
200539	Salzburg	3 Mile	2 Mile	Single Seal	\$19,585.61
200540	Beaver	Fraser	4 Mile	Triple Seal	\$41,129.33
200541	Wheeler	Mackinaw	3 Mile	Single Seal	\$44,256.94
200542	Kinney	Farley	Nolet	Single Seal	\$15,589.15
200543	Hotchkiss	11 Mile	Garfield	Single Seal	\$20,959.90
200544	Hotchkiss	7 Mile	Mackinaw	Single Seal	\$32,140.92
200545	11 Mile	Salzburg	Dow Entrance	Single Seal	\$18,242.65
200546	Elevator	Lebourdais	Linwood	Single Seal	\$8,605.33
200547	Zimmer	Bangor	Patterson	Single Seal	\$17,874.23
200548	Killarney Beach	M-247	Athlone Beach	Single Seal	\$33,135.10
200549	Cody Estey	11 Mile	9 Mile	Single Seal	\$32,046.76
200723	Kinney	Jones	Knight	Single Seal	\$15,984.10

TOTAL 2020 PRIMARY CHIP SEAL COSTS

\$397,860.65

2020 LOCAL CHIP SEAL

Project #	Road Name	From Location	To Location	Description	Total Costs
019010	4 Mile	Beaver	End	Double Seal	\$462.54
200384	Jose	M-13	End	Double Seal	\$12,040.17
200385	Schmidt	M-13	End	Double Seal	\$21,007.87
200386	Seidlers	I-75	End	Double Seal	\$58,381.98
200387	Cottage Grove	7 Mile	I-75	Single Seal	\$9,731.43
200502	Finn	M-25	Borton	Single Seal	\$15,784.93
200503	Finn	Borton	End	Single Seal	\$16,684.55
200504	Nebobish	Nolet	Cotter	Single Seal	\$14,502.39
200505	Borton	Finn	Nolet	Single Seal	\$32,656.07
200572	Callahan	Center	End	Single Seal	\$35,068.07
200573	North Union	7 Mile	Fraser	Single Seal	\$15,785.53
200597	Dewyse	Lincoln	Trumbull	Double Seal	\$20,238.41
200598	German	Finn	Farley	Single Seal	\$17,015.17
200599	SE Boutell	Cass	Youngsditch	Single Seal	\$14,517.89
200600	Russell	M-15	Knight	Single Seal	\$15,746.54
200601	Burns	Cass	Youngsditch	Single Seal	\$14,462.49
200602	Trumbull	Russell	German	Single Seal	\$18,624.31
200603	Finn	German	Cass	Single Seal	\$14,337.54
200604	Halstead	Jones	Knight	Single Seal	\$14,453.18
200605	Solinski	Lincoln	End	Triple Seal	\$3,242.17
200652	Wilder	9 Mile	Garfield	Single Seal	\$19,005.74
200653	Chip	8 Mile	9 Mile	Double Seal	\$56,102.38
200654	11 Mile	Wilder	North Union	Double Seal	\$16,502.86
200655	North Union	11 Mile	Carter	Double Seal	\$80,031.31
200686	Cotter	Nebobish	Warner	Single Seal	\$8,424.35
200701	Nolet	M-138	Russell	Single Seal	\$14,762.22
200702	Brown	M-15	Farley	Single Seal	\$32,731.87
200703	Beard	Farley	End	Single Seal	\$16,210.14
200704	Callahan	M-138	Russell	Single Seal	\$12,702.56
200706	Lapka	Almeda Beach	End	Single Seal	\$1,313.42
200707	Almeda Beach	M-13	Lapka	Single Seal	\$15,481.47
200708	Almeda Beach	M-13	Bay	Single Seal	\$19,014.23
200709	Newberg	M-13	Bay	Single Seal	\$24,360.45
200710	Erickson	M-13	Bay	Single Seal	\$26,734.47
200711	Old State	Coggins	Almeda Beach	Single Seal	\$20,144.76
200712	Elevator	Linwood	Anderson	Single Seal	\$15,085.39
200713	Old State	Almeda Beach	Townline 16	Single Seal	\$10,187.60
200770	9 Mile	Beaver	River	Single Seal	\$28,105.67
200874	Carter	Erickson	Newberg	Single Seal	\$18,851.62

TOTAL 2020 LOCAL CHIP SEAL COSTS

\$800,495.74