

BAY COUNTY ROAD COMMISSION 2022

One Hundred and Twenty-Third

ANNUAL REPORT



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Engineer-Manager's Report

Attached is the 122nd 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 2022, including revenues and expenditures realized during the 2022 fiscal year. Please see Exhibit A on Page 2 of this report for specific accounting information.

Operationally, our staffing level has remained steady at approximately 53 employees for the past several years. Michigan Transportation Fund (MTF) revenue, which represents the BCRC's primary operating and maintenance funding source, increased by 3.6% (\$497,846) from 2021 totals. This is well below the documented inflation experienced in 2022, where the Engineering News Record construction cost index was over 8.0% for the majority of the year. As an example, inflation directly affected our 2023 Midland Road, Flajole to Carter Road project (bid early 2023), as contractor bids came in 17% over budget and were rejected. Of the 18.3 miles of asphalt road rehabilitation scheduled for 2022, 17.3 miles were completed, 1.0 mile being moved to 2023. One bridge and two large culverts on Garfield Road were replaced by BCRC crews in 2022, ahead of the planned 2023 Garfield Road Rehabilitation Project. The BCRC Road and Bridge Asset Management Plan was completed and submitted to MDOT for approval. This five and ten-year plan, outlines the expenditures the BCRC must make, per year, to reach a "Good" overall rating for its Primary roads and bridges. The BCRC is struggling to maintain its equipment replacement schedule. Inflation, revenue not keeping up with rising costs and long lead times, has delayed many equipment purchases.

Our staff continues to receive compliments for their maintenance efforts throughout Bay County. BCRC crews, which provide snow plowing, concrete highway repair/patching, drainage repair, 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 also regularly heard during Board meetings, from many of the Township officials. Our commitment to Bay County's motoring public remains strong.

BCRC staff continue to complete in-house engineering design for BCRC and MDOT/Federal-Aid projects. Further, our construction engineering staff continue to complete inspection and administrative duties for road, bridge and drainage construction projects, no matter the type of funding. By utilizing BCRC employees, results in substantial savings to the BCRC. These practices will continue in 2023.

We enter 2023 with a substantial list of project needs. MTF revenues will increase per the inflationary formula defined in the road funding legislation passed in 2016. The 2023 budget includes 11.0 miles of hard-surface paving, a large and two "short" span bridge replacements and preventative maintenance on four large bridges. The Midland Road project mentioned above, will be included in the budget presented to the Board for 2024.

We continuously look for ways to reduce costs, identify and secure additional road and bridge grant funding and work with the Townships to address road needs. For 2022, the BCRC received two, \$2.50 million, State appropriated, line-item grants. One for Three Mile Road, M-84 to Midland Road and the other, South Euclid Road, Hotchkiss Road to M-84. 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,

James C. Lillo, P.E.
Engineer-Manager
July 5, 2023

EXHIBIT A

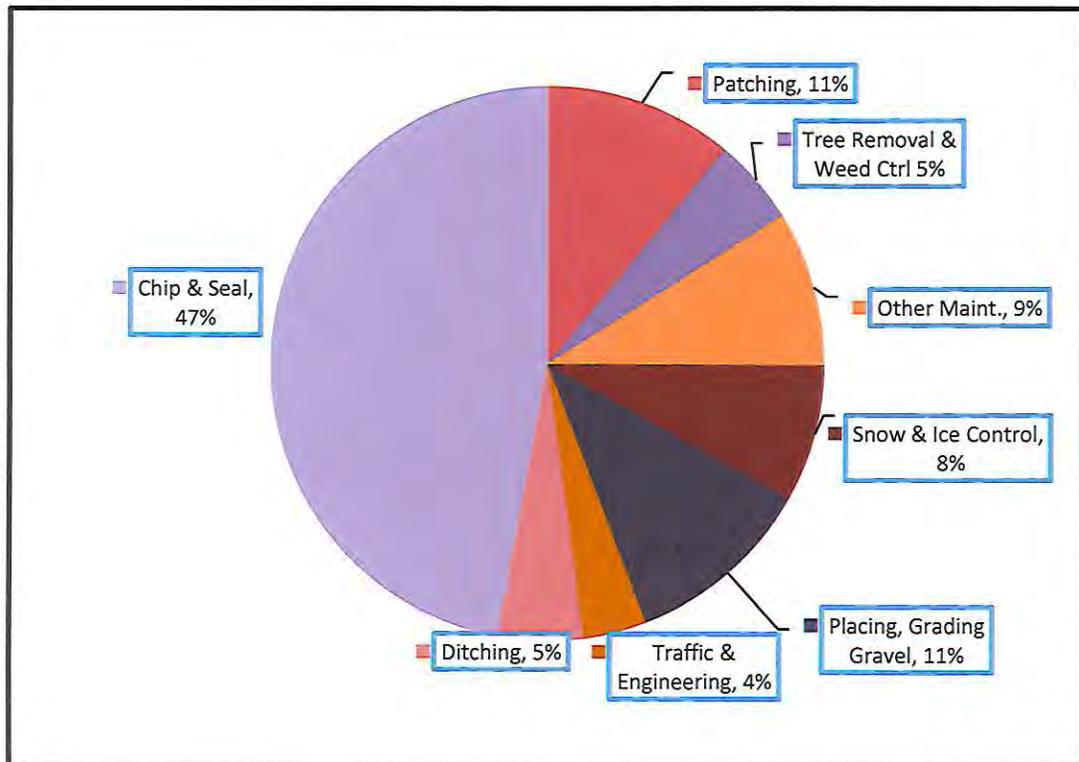
Bay County Residents:	102,985
Road Commission Employees:	59
Commissioners:	3
 Townships served:	 14
Bangor	Kawkawlin
Beaver	Merritt
Frankenlust	Monitor
Fraser	Mt. Forest
Garfield	Pinconning
Gibson	Portsmouth
Hampton	Williams

Total Revenue	\$25,619,064
MI Transportation Fund (MTF)	\$14,331,756
Federal Revenue	\$1,016,512
State Trunkline/Other	\$2,058,539
Township Contributions	\$3,090,644
Miles of 2022 Hvy Maint. Projects	37.64
Miles of Chip/Seal Projects	76.31
Building Better Local Road Used	\$240,000
Primary Heavy Maint. Projects	\$8,057,331
Local Heavy Maint. Projects	\$1,106,706
Bridge Inspections	\$84,334
Tons of Salt Used	10,399

Expense Categories for Local Road Maintenance:

	<u>% of Total</u>	<u>Amount for 2022</u>
Patching	11%	\$520,184
Tree Removal & Weed Control	5%	237,369
Other Maint.	9%	414,896
Snow & Ice Control (7% in 2021)	8%	356,824
Placing, Grading Gravel	11%	490,810
Traffic & Engineering	4%	168,192
Ditching	5%	208,617
Chip & Seal (45% in 2021)	<u>47%</u>	<u>2,157,802</u>
Total	100%	<u>\$4,554,694</u>

Total Miles of Road	1,033
Miles of Primary Road	370
Miles of Local Road	663
Miles of Paved Road	870
Bridges	85



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.

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 2021 MTF equaled \$12.6 million. The Board holds regularly scheduled public meetings, one every two weeks, to communicate with township officials and county residents on a variety of road, bridge and safety issues.



WILLIAM E.
SCHUMACHER
Chairman

Mr. William (Bill) Schumacher has been on the Board since 2019, a commissioner in 2019, Vice-Chairman in 2020 and, in 2021, was elected Chairman. Mr. Schumacher graduated from Delta College and was a former Trustee in Merritt Township.

ELECTED TERM
2019 - 2024



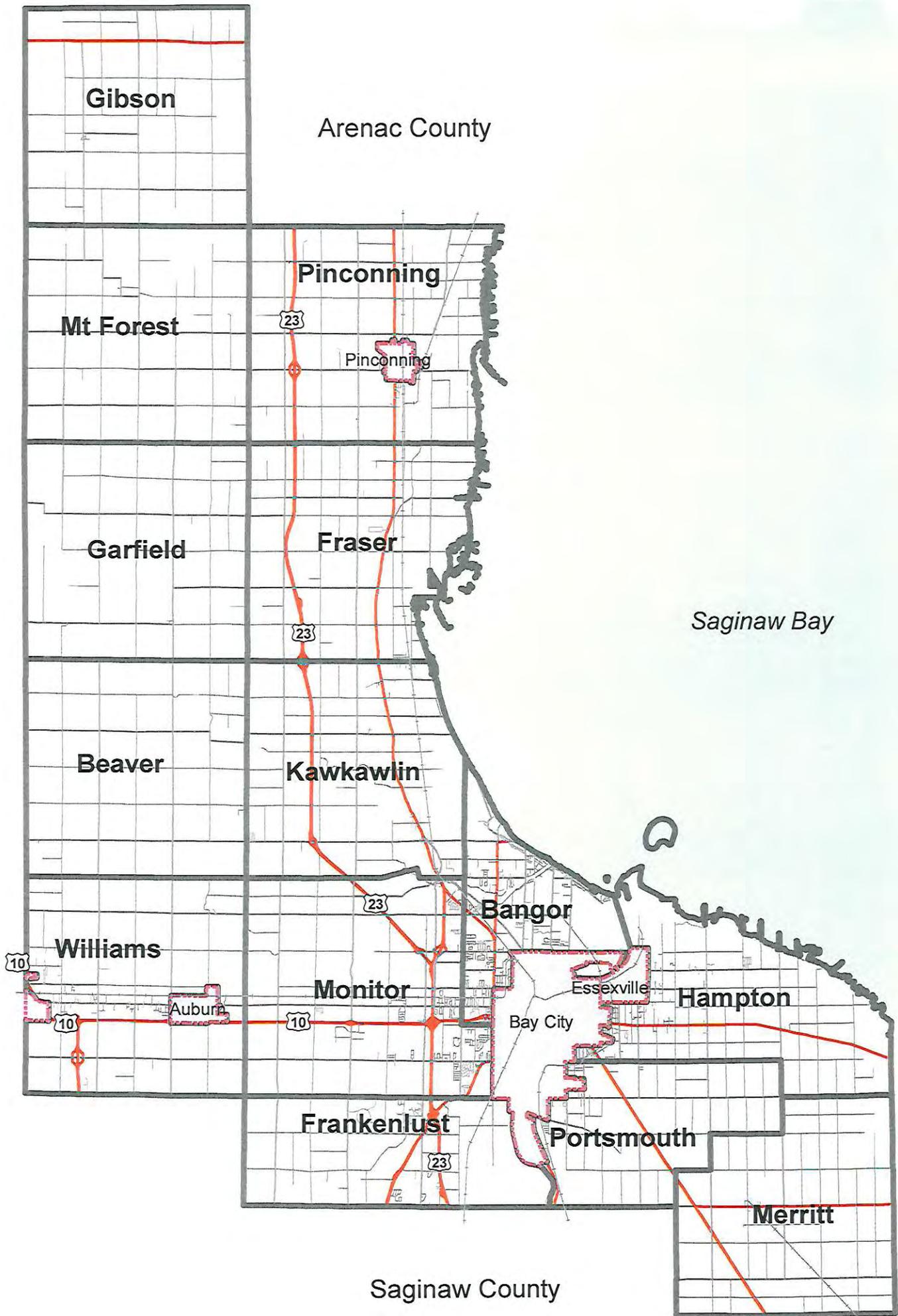
WILLIAM A. JORDAN
Vice-Chairman

ELECTED TERM
2021 - 2026

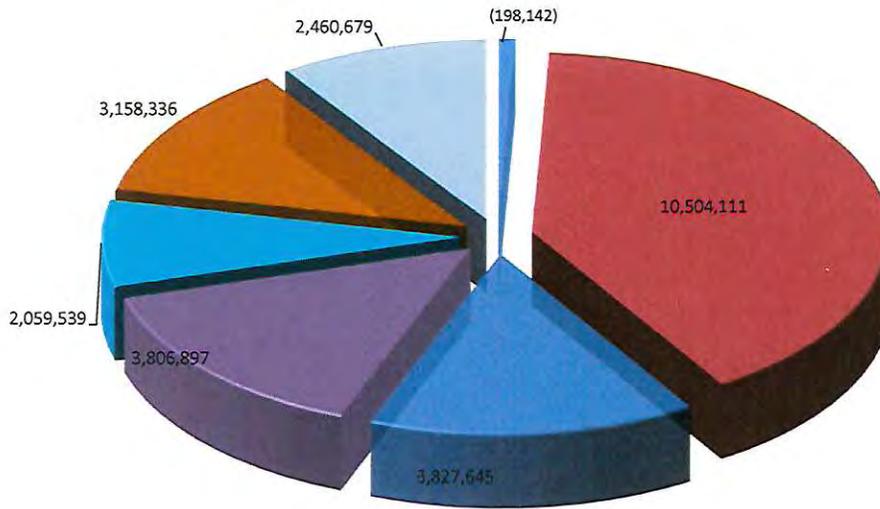


JACOB D. HILLIKER
Commissioner

COUNTY BOARD
APPROVED
TERM
2021 - 2022

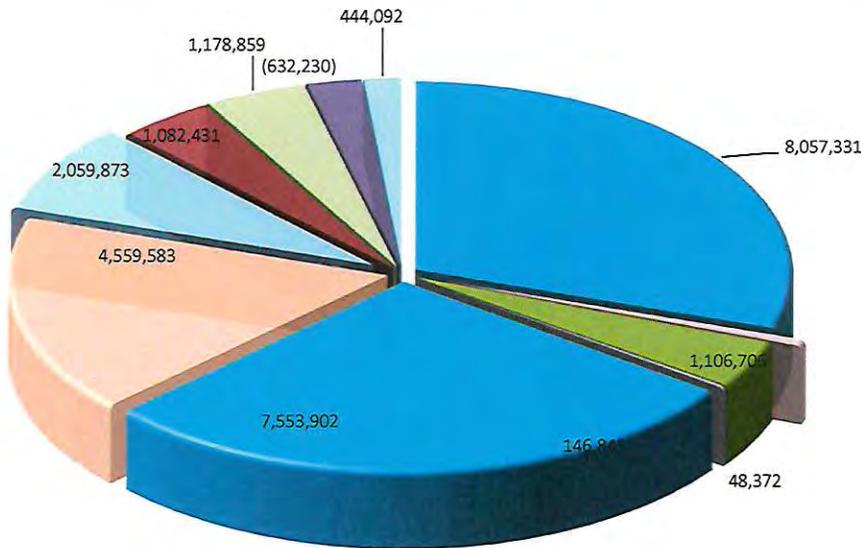


REVENUES



- INTEREST EARNED- \$ (198,142) (0.8)%
- MTF PRIMARY- \$ 10,504,111 41.0%
- MTF LOCAL- \$ 3,827,645 14.8%
- STATE & FED. GRANTS- \$ 3,809,897 14.9%
- STATE TRUNKLINES- \$ 2,059,539 8.0%
- LOCALLY RAISED FUNDS- \$ 3,158,336 12.3%
- PERMITS, ROYALTIES, MISC.- \$ 2,460,679 9.6%

EXPENSES



- HEAVY MAINT. PRIMARY - \$ 8,057,331 31.5%
- BRIDGES PRIMARY - \$ 146,845 0.6%
- HEAVY MAINT. LOCAL - \$ 1,106,706 4.3%
- BRIDGES LOCAL - \$ 48,372 0.2%
- ROUTINE MAINT. PRIMARY - \$ 7,553,902 29.5%
- ROUTINE MAINT. LOCAL - \$ 4,559,853 17.8%
- STATE TRUNKLINE MAINT. - \$ 2,059,873 8.0%
- ADMINISTRATION - \$ 1,082,431 4.2%
- OTHER - \$ 1,178,859 4.6%
- CAPITAL OUTLAY-NET - \$ (632,230) (2.5)%
- EQUIPMENT EXPENSE- \$ 444,092 1.7%

**BAY COUNTY ROAD COMMISSION
COMBINED BALANCE SHEET
ALL FUND TYPES AND ACCOUNT GROUPS
DECEMBER 31, 2022**

	<u>General Operating</u>
ASSETS	
Cash and Cash Equivalents-	
On Deposit with Banks	\$ 367,059
On Deposit with County Treasurer	4,736,798
State Motor Transportation Funds	2,654,818
State Trunkline Maintenance	233,523
State Transportation Dept.-Other	-
Township Road Agreements	227,247
Due from County General Fund	-
Accounts Receivable	700,975
Inventories - Road Materials	844,430
- Equipment Parts and Materials	346,879
Prepaid Expenses	238,254
Interest Receivable	12,410
Deferred Federal Aid	-
Fixed Assets Net of Accumulated Depreciation	-
Amount to be Provided for Retirement of General Long-Term Debt	-
 Total Assets	 <u><u>\$ 10,362,393</u></u>

LIABILITIES AND FUND EQUITY

<u>Liabilities:</u>	
Accounts Payable	877,598
Notes Payable - Short Term	-
Accrued Liabilities	195,311
Deferred Revenue	1,250,000
Advances from State	518,886
Other Liabilities	10,000
Accrued Sick Leave & Vacation	-
Total Liabilities	2,851,795
 <u>Fund Equity:</u>	
Investment in General Fixed Assets	-
Fund Balance:	
Primary	294,092
Local	5,381,226
County Road	1,835,280
Total Fund Balances	7,510,598
 Total Liabilities and Fund Equity	 <u><u>\$ 10,362,393</u></u>

Account Groups		Total (Memo Only)
Fixed Assets	Long-Term Debt	December 31, 2022
\$ -	\$ -	\$ 367,059
-	-	4,736,798
-	-	2,654,818
-	-	233,523
-	-	-
-	-	227,247
-	-	-
-	-	700,975
-	-	844,430
-	-	346,879
-	-	238,254
-	-	12,410
-	-	-
2,789,348	-	2,789,348
-	2,413,215	2,413,215
-	-	-
<u>\$ 2,789,348</u>	<u>\$ 2,413,215</u>	<u>\$ 15,564,956</u>
\$ -	\$ -	\$ 877,598
-	-	-
-	-	195,311
-	-	1,250,000
-	-	518,886
-	-	10,000
-	2,413,215	2,413,215
-	2,413,215	5,265,010
-	-	-
2,789,348	-	2,789,348
-	-	-
-	-	294,092
-	-	5,381,226
-	-	1,835,280
-	-	-
-	-	-
<u>\$ 2,789,348</u>	<u>\$ 2,413,215</u>	<u>15,564,956</u>

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2022

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	\$ 10,504,111	\$ 3,827,645	\$ -	\$ 14,331,756
State Other Funding	2,790,385	-	-	2,790,385
Federal Revenue	1,016,512	-	-	1,016,512
County Raised Revenue	-	3,158,335	-	3,158,335
State Trunkline	-	-	2,059,539	2,059,539
Gain on Disposal of Equipment	-	-	-	-
Interest Earned	(43,591)	(122,848)	(31,703)	(198,142)
Miscellaneous Revenue	28,680	30,591	56,994	116,265
Other - private contributions	2,215,862	-	128,552	2,344,414
Total Revenue	\$ 16,511,959	\$ 6,893,723	\$ 2,213,382	\$ 25,619,064
<u>Expenditures</u>				
Construction	\$ -	\$ -	\$ -	\$ -
Heavy Maintenance	8,057,331	1,106,706	-	9,164,037
Heavy Maint. Structures	146,845	48,372	-	195,217
Routine Maintenance	7,553,902	4,559,583	-	12,113,485
Administrative	794,358	288,073	-	1,082,431
State Trunkline	-	-	2,059,872	2,059,872
Purchase of Federal Aid	550,430	-	-	550,430
Equipment Account	163,977	174,126	105,989	444,092
Other	-	-	35,510	35,510
Total Operating Expenditures	\$ 17,266,843	\$ 6,176,860	\$ 2,201,371	\$ 25,645,074
<u>Non-Operating Expenditures</u>				
Net Capital Outlay	-	-	(632,230)	(632,230)
Debt Principal Payment	539,286	-	-	539,286
Interest Expense	53,634	-	-	53,634
Total Expenditures	\$ 17,859,763	\$ 6,176,860	\$ 1,569,141	\$ 25,605,764
Increase (Decrease) In Available Operating Fund	(1,347,804)	716,863	644,241	\$ 13,300
Beginning Fund Balance 01/01/22	\$ 1,641,896	\$ 4,664,363	\$ 1,191,039	\$ 7,497,298
Adjustment to Fund Balance	\$ -	-	-	-
Intra-Fund Transfer	-	-	-	-
Ending Balance 12/31/22	\$ 294,092	\$ 5,381,226	\$ 1,835,280	\$ 7,510,598

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2022

STATEMENT OF REVENUES

Calendar Years 2022-2019

	2022	2021	2020	2019
<u>Michigan Transportation Fund</u>				
County Primary Road Fund	\$10,504,111	\$10,374,753	\$9,219,193	\$9,186,440
County Local Road Fund	3,827,645	3,802,420	3,423,236	3,407,747
Total MTF	14,331,756	14,177,173	12,642,429	12,594,187
<u>State Grants</u>				
State Bridge, Tire Grant and other	2,790,385	755,635	238,111	763,557
Total State Grants	2,790,385	755,635	238,111	763,557
<u>Federal Aid Revenue</u>				
Surface Tran. Program (STP)	1,016,512	2,202,190	3,319,795	1,873,829
Total Federal Aid Revenue	1,016,512	2,202,190	3,319,795	1,873,829
<u>County Raised Revenue</u>				
City & Village Contributions	-	-	-	-
Township Contributions	3,090,644	1,823,812	2,374,166	2,238,526
Other Contributions	67,691	272,288	128,356	253,992
Total County Raised Revenue	3,158,335	2,096,100	2,502,522	2,492,518
Trunkline Maintenance	2,058,605	2,157,660	2,031,915	1,424,005
Trunkline Non-Maintenance	934	1,369	1,884	78,515
<u>Miscellaneous Revenue</u>				
Permit Fees	110,635	117,094	126,457	102,552
Salvage Sales	5,369	12,572	2,358	4,750
Interest Earned	(198,142)	34,298	43,286	125,425
Royalty Revenue	-	-	-	-
Sundry Refunds	261	309	279	332
Land & Building Sales	-	-	-	-
Gain on Disposal of Equipment	-	15,400	16,909	6,500
Drain Agreements	-	0	2,925,000	-
Other Revenues	2,344,414	39,477	47,763	409,929
Total Miscellaneous Revenue	2,262,537	219,150	3,162,052	649,488
Total Revenue	\$25,619,064	\$21,609,277	\$23,898,708	\$19,876,099

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2022

Statement of Expenditures

Calendar Years 2022-2019

	<u>2022</u>	<u>2021</u>	<u>2020</u>	<u>2019</u>
<u>Operating Expenditures</u>				
<u>Construction</u>				
Primary Road System	-	-	\$8,145	\$1,026,555
Local Road System	-	-	-	-
Total Construction	-	-	8,145	1,026,555
<u>Heavy Maintenance</u>				
Primary Road System	8,057,331	3,281,672	10,783,842	7,086,335
Primary Bridge & Structures	146,845	1,969,375	1,348,905	23,164
Total Primary Heavy Maintenance	8,204,176	5,251,047	12,132,747	7,109,499
Local Road System	1,106,706	279,172	721,662	1,835,065
Local Bridge & Structures	48,372	34,867	15,253	25,298
Total Local Heavy Maintenance	1,155,078	314,039	736,915	1,860,363
Total Heavy Maintenance	9,359,254	5,565,086	12,869,662	8,969,862
<u>Routine Maintenance</u>				
Primary Road System	6,256,146	3,966,262	2,417,496	2,604,127
Snow Removal and Ice Control	857,856	777,871	574,280	764,773
Traffic Control	439,900	419,900	398,237	437,371
Total Primary Maintenance	7,553,902	5,164,033	3,390,013	3,806,271
Local Road System	4,073,913	4,088,692	3,049,111	2,565,157
Snow Removal and Ice Control	357,592	287,871	268,439	376,795
Traffic Control	128,078	132,454	151,046	169,003
Total Local Maintenance	4,559,583	4,509,017	3,468,596	3,110,955
Total Routine Maintenance	12,113,485	9,673,050	6,858,609	6,917,226
Administrative Expense	1,082,431	967,693	958,931	1,006,266
State Trunkline Maintenance	2,058,937	2,062,361	2,034,935	1,430,717
State Trunkline Non-Maintenance	935	1,365	1,884	78,515

STATEMENT OF REVENUES AND EXPENDITURES
Year Ended December 31, 2022

Statement of Expenditures

Calendar Years 2022-2019

	2022	2021	2020	2019
<u>Equipment Expense</u>				
*Direct Expense	1,562,704	1,610,864	1,515,438	1,471,423
*Indirect Expense	933,769	845,773	868,296	932,000
*Operating Expense	487,332	320,078	185,612	332,891
Total Equipment Expense	2,983,805	2,776,715	2,569,346	2,736,314
*Credit to Equipment Expense	(2,539,713)	(2,361,808)	(1,892,406)	(2,235,859)
Net Equipment Expense	444,092	414,907	676,940	500,455
Total Operating Expenditures	\$ 25,059,134	\$ 18,684,462	\$ 23,409,106	\$ 19,929,596
<u>Non-Operating Expenditures</u>				
<u>Capital Outlay</u>				
Land	\$ -	\$ -	\$ -	\$ -
Buildings	117,012	49,233	6,759	81,652
Road Equipment	83,331	987,564	933,386	764,006
Shop, Engineers, & Office Equipment	-	-	-	-
Yards & Storage	-	-	-	-
Equipment Retirement	-	-	(8,991)	-
Depletable Assets	-	-	-	360,000
Depreciation and Depletion	(832,573)	(961,518)	(898,799)	(878,135)
Net Capital Outlay	(632,230)	75,279	32,355	327,523
Debt Principal Payment	539,286	550,486	324,286	0
Other Expense	585,940	466,698	1,205,111	944,669
Interest Expense	53,634	68,480	24,000	0
Total Expenditures	\$ 25,605,764	\$ 19,845,405	\$ 24,994,858	\$ 21,201,788

*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.

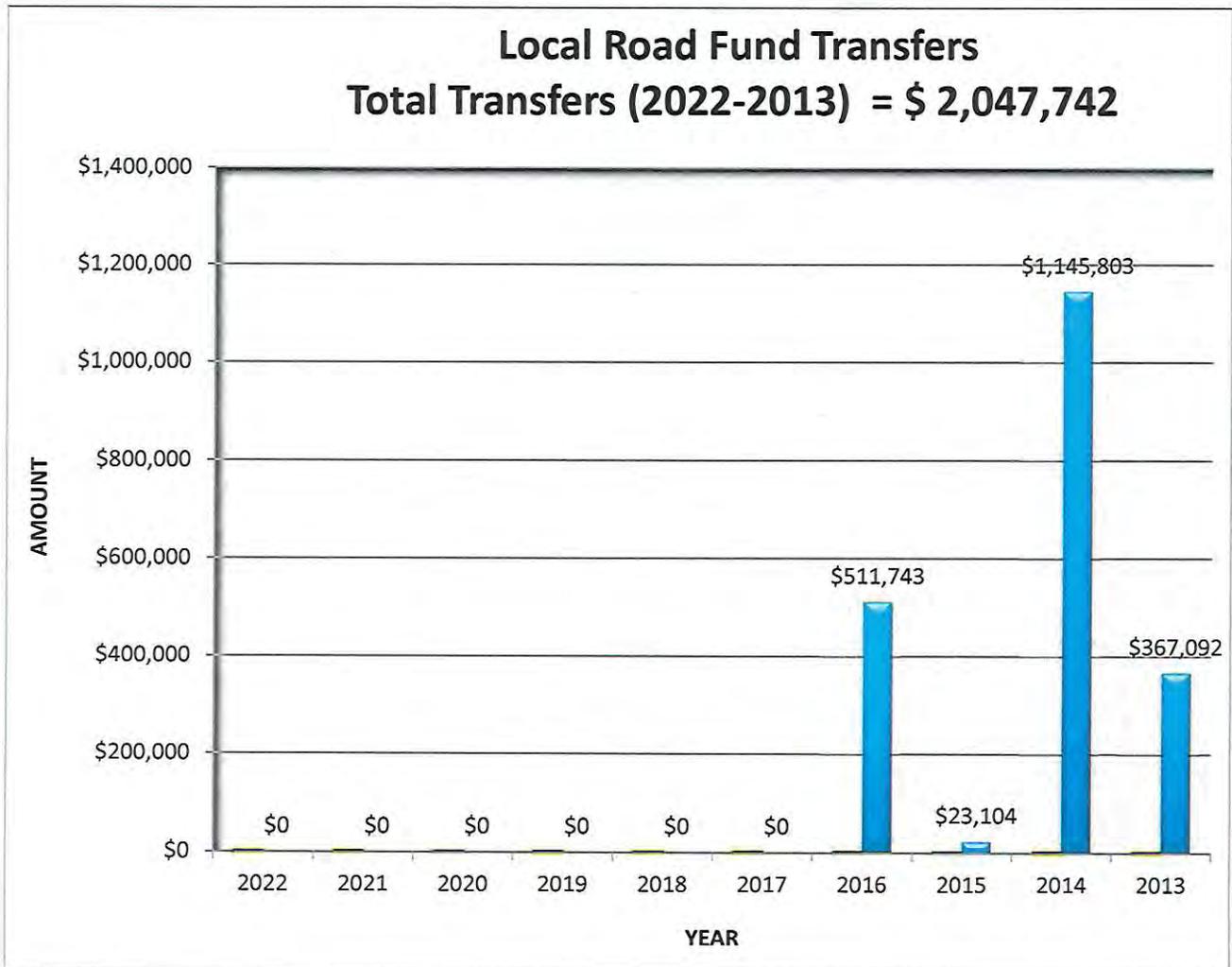
*Operating Expense-Gasoline, diesel, oil, grease, and anti-freeze.

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

STATEMENT OF CHANGES IN FUND BALANCE

Calendar Years 2022-2019

	2022	2021	2020	2019
Total Revenues	\$ 25,619,064	\$ 21,609,277	\$ 23,898,708	\$ 19,876,099
Total Expenditures	\$ 25,605,764	\$ 19,845,405	\$ 24,994,858	\$ 21,201,788
Excess of Revenue Over (Under) Expenditures	\$ 13,300	\$ 1,763,872	\$ (1,096,150)	\$ (1,325,689)
Fund Equity - January 1	\$ 7,497,298	\$ 5,733,426	\$ 6,829,576	\$ 8,155,265
Adjustment	\$ -	\$ -	\$ -	\$ -
Fund Equity - December 31	\$ 7,510,598	\$ 7,497,298	\$ 5,733,426	\$ 6,829,576



BAY COUNTY ROAD COMMISSION
2022 - 2019
TOWNSHIP PAYMENTS

PAID CONTRIBUTIONS ON ROAD AGREEMENTS				
TOWNSHIP	2022	2021	2020	2019
BANGOR	349,750	360,025	355,629	316,049
BEAVER	283,245	153,048	154,996	186,935
FRANKENLUST	54,008	132,741	189,806	343,660
FRASER	219,645	201,461	125,718	182,294
GARFIELD	150,192	120,640	84,523	91,061
GIBSON	41,661	50,276	78,296	68,543
HAMPTON	198,838	152,897	92,234	378,237
KAWKAWLIN	145,481	57,053	408,256	89,689
MERRITT	102,510	154,878	91,826	110,026
MONITOR	387,463	1,666	161,134	106,499
MT. FOREST	76,876	95,777	24,501	64,922
PINCONNING	153,144	102,637	9,199	83,035
PORTSMOUTH	155,590	170,175	141,773	89,685
WILLIAMS	772,241	70,538	456,275	127,891
TOTALS	\$3,090,644	\$1,823,812	\$2,374,166	\$2,238,526

TOWNSHIP MAINTENANCE REPORT

MILEAGE: 370.17 662.11

PRIMARY LOCAL

Bangor Township	\$494,119.40	\$604,644.03
Beaver Township	\$231,305.76	\$472,611.57
Frankenlust Township	\$289,850.81	\$236,597.44
Fraser Township	\$311,965.59	\$376,642.45
Garfield Township	\$794,619.20	\$271,717.47
Gibson Township	\$338,764.29	\$238,777.82
Hampton Township	\$230,653.28	\$384,162.06
Kawkawlin Township	\$1,260,087.12	\$135,498.02
Merritt Township	\$528,454.24	\$345,213.43
Monitor Township	\$504,497.28	\$415,776.78
Mt. Forest Township	\$408,088.64	\$263,430.24
Pinconning Township	\$160,410.76	\$285,000.56
Portsmouth Township	\$136,639.89	\$271,720.32
Williams Township	\$459,617.82	\$253,669.16

Total Maintenance Expenditures \$ **6,149,074.08** **4,555,461.35**

2022 Original Budget \$ **3,883,911.00** **3,949,988.00**

Budget vs. Actual Costs \$ (2,265,163.08) (605,473.35)

TOWNSHIP MAINTENANCE REPORT

ALL TOWNSHIPS

PRIMARY LOCAL

MILEAGE: 370.17 662.11

DESCRIPTION OF WORK

Dust Control	\$916.46	\$139,336.74
Placing Gravel	\$2,945.60	\$80,604.67
Blading & Grading	\$2,161.07	\$270,869.06
Chip & Seal	\$0.00	\$11,236.44
AMZ Patching	\$10,602.42	\$130,261.16
Seal Blend	\$0.00	\$0.00
Surface Maintenance	\$606,800.66	\$389,922.95
Crack & Joint Sealing	\$41,231.78	\$7,116.80
Shoulder Maintenance	\$183,955.58	\$59,927.35
Curb & Gutter	\$0.00	\$0.00
Trees & Shrubs	\$105,482.80	\$194,191.80
Drainage & Backslope	\$51,302.44	\$57,588.03
Ditch Clean Out	\$115,894.89	\$151,028.96
Roadside Cleanup	\$7,048.37	\$6,876.30
Grass & Weed Control	\$258,196.30	\$43,176.82
Brush Cutting	\$40,080.80	\$7,595.46
Culvert / Underdrain Maintenance	\$138,081.07	\$311,674.75
Guard Rail & Post	\$120,546.24	\$10,543.25
Sweeping & Flushing	\$18,082.29	\$8,960.48
Winter Maintenance	\$862,121.52	\$356,823.93
Winter Maintenance Patrol	\$0.00	\$767.86
Bridge Structures	\$17,153.65	\$229.48
Traffic Signs	\$439,900.14	\$128,077.88
Engineering Services	\$0.00	\$0.00
Field Supervision	\$286,845.08	\$40,114.02
Roadway Inspection	\$73.26	\$0.00
Emergency Response	\$6,680.97	\$1,971.85
 BCRC Projects	 \$2,832,970.69	 \$2,146,565.31
Sub-Total of Maint. Expenditures	6,149,074.08	4,555,461.35
 2022 Original Budget	 3,883,911.00	 3,594,988.00
Countywide - Any Township & Turn Back to Gravel		<u>355,000.00</u>
		3,949,988.00
 Budget vs. Actual Costs	 (2,265,163.08)	 (605,473.35)

TOWNSHIP MAINTENANCE REPORT

BANGOR TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 31.4 43.59

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	332.05	4,314.19
Blading & Grading	-	-
Chip & Seal	-	-
AMZ Patching	691.57	9,577.28
Seal Blend	-	-
Surface Maintenance	92,052.48	31,094.90
Crack & Joint Sealing	365.29	-
Shoulder Maintenance	19,860.37	4,320.09
Curb & Gutter	-	-
Trees & Shrubs	14,038.76	21,540.20
Cleaning Drainage Structures	21,672.17	15,704.32
Ditch Clean Out	17,672.11	25,125.63
Roadside Cleanup	1,498.05	1,675.68
Grass & Weed Control	14,720.18	1,661.78
Brush Cutting	2,255.05	-
Culvert / Underdrain Maintenance	6,297.17	97,459.13
Guard Rail & Post	17.51	-
Sweeping & Flushing	11,579.11	2,625.33
Winter Maintenance	122,241.57	40,392.03
Winter Maintenance Patrol	-	-
Bridge Structures	16,732.94	-
Traffic Signs	91,681.63	10,587.06
Engineering Services	-	-
Field Supervision	34,309.76	-
Roadway Inspection	-	-
Emergency Response	924.75	347.97
BCRC Projects	\$ 25,176.88	\$ 338,218.44
Sub-Total of Maint. Expenditures	494,119.40	604,644.03
2022 Original Budget	702,006.00	347,642.00
Budget vs. Actual Costs	\$ 207,886.60	\$ (257,002.03)

TOWNSHIP MAINTENANCE REPORT

FRANKENLUST TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 16.5 29.91

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	-
Blading & Grading	-	7,111.92
Chip & Seal	-	-
AMZ Patching	1,143.12	6,528.71
Seal Blend	-	-
Surface Maintenance	30,015.73	27,036.93
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	12,438.99	2,798.91
Curb & Gutter	-	-
Trees & Shrubs	22,259.01	17,346.90
Cleaning Drainage Structures	748.60	3,566.56
Ditch Clean Out	-	-
Roadside Cleanup	530.34	748.23
Grass & Weed Control	22,766.05	1,548.32
Brush Cutting	-	1,218.88
Culvert / Underdrain Maintenance	6,129.36	59,814.84
Guard Rail & Post	3,118.69	1,221.03
Sweeping & Flushing	-	-
Winter Maintenance	49,514.95	22,498.96
Winter Maintenance Patrol	-	-
Bridge Structures	-	229.48
Traffic Signs	54,468.70	8,403.07
Engineering Services	-	-
Field Supervision	18,998.79	8,512.78
Roadway Inspection	-	-
Emergency Response	1,340.47	127.80
BCRC Projects	\$ 63,899.06	\$ 67,884.12
Sub-Total of Maint. Expenditures	289,850.81	236,597.44
2022 Original Budget	231,759.00	249,574.00
Budget vs. Actual Costs	\$ (58,091.81)	\$ 12,976.56

TOWNSHIP MAINTENANCE REPORT

FRASER TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 28.39 57.15

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 4,421.83
Placing Gravel	1,429.32	441.40
Blading & Grading	1,169.29	8,049.94
Chip & Seal	-	10,577.04
AMZ Patching	542.51	26,275.13
Seal Blend	-	-
Surface Maintenance	25,185.86	13,090.00
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	11,488.89	506.78
Curb & Gutter	-	-
Trees & Shrubs	7,429.18	12,887.87
Cleaning Drainage Structures	489.10	2,089.60
Ditch Clean Out	1,840.54	4,614.99
Roadside Cleanup	1,104.06	-
Grass & Weed Control	11,077.62	896.01
Brush Cutting	10,167.87	-
Culvert / Underdrain Maintenance	22,016.50	30,361.01
Guard Rail & Post	53,251.14	-
Sweeping & Flushing	309.73	124.79
Winter Maintenance	44,591.74	19,639.18
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	21,433.36	11,551.04
Engineering Services	-	-
Field Supervision	24,809.10	-
Roadway Inspection	-	-
Emergency Response	-	-
BCRC Projects	\$ 71,150.83	\$ 231,115.84
Sub-Total of Maint. Expenditures	311,965.59	376,642.45
2022 Original Budget	188,762.00	233,831.00
Budget vs. Actual Costs	\$ (123,203.59)	\$ (142,811.45)

TOWNSHIP MAINTENANCE REPORT

GARFIELD TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 24.5 41.59

DESCRIPTION OF WORK

Dust Control	\$ 916.46	\$ 20,511.74
Placing Gravel	-	16,392.40
Blading & Grading	495.89	47,988.13
Chip & Seal	-	73.30
AMZ Patching	361.67	9,306.85
Seal Blend	-	-
Surface Maintenance	13,014.76	13,933.62
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	5,480.46	10,284.89
Curb & Gutter	-	-
Trees & Shrubs	9,835.09	21,187.40
Cleaning Drainage Structures	5,054.27	6,984.40
Ditch Clean Out	8,905.65	30,940.70
Roadside Cleanup	969.36	122.90
Grass & Weed Control	26,574.79	934.05
Brush Cutting	3,507.88	397.60
Culvert / Underdrain Maintenance	12,721.37	11,260.89
Guard Rail & Post	18,298.68	-
Sweeping & Flushing	249.57	-
Winter Maintenance	39,939.30	23,284.46
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	17,334.82	3,801.73
Engineering Services	-	-
Field Supervision	23,789.63	-
Roadway Inspection	-	-
Emergency Response	735.44	127.80
BCRC Projects	\$ 603,955.16	\$ 54,184.61
Sub-Total of Maint. Expenditures	794,619.20	271,717.47
2022 Original Budget	169,600.00	296,518.00
Budget vs. Actual Costs	\$ (625,019.20)	\$ 24,800.53

TOWNSHIP MAINTENANCE REPORT

GIBSON TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	16.97	46.64

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 31,441.87
Placing Gravel	-	37,200.68
Blading & Grading	-	50,549.59
Chip & Seal	-	-
AMZ Patching	1,367.96	3,129.61
Seal Blend	-	-
Surface Maintenance	10,508.84	12,071.97
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	3,089.95	3,468.86
Curb & Gutter	-	-
Trees & Shrubs	6,814.66	19,423.44
Cleaning Drainage Structures	834.88	4,062.55
Ditch Clean Out	10,750.52	2,074.80
Roadside Cleanup	245.78	307.24
Grass & Weed Control	12,945.88	547.70
Brush Cutting	3,845.33	-
Culvert / Underdrain Maintenance	132.13	10,165.79
Guard Rail & Post	-	1,183.88
Sweeping & Flushing	374.36	-
Winter Maintenance	40,420.87	17,983.86
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	6,285.20	4,162.39
Engineering Services	-	-
Field Supervision	18,140.18	-
Roadway Inspection	-	-
Emergency Response	517.98	-
BCRC Projects	\$ 220,010.82	\$ 41,003.59
Sub-Total of Maint. Expenditures	338,764.29	238,777.82
2022 Original Budget	152,835.00	200,420.00
Budget vs. Actual Costs	\$ (185,929.29)	\$ (38,357.82)

TOWNSHIP MAINTENANCE REPORT

HAMPTON TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 20.87 63.69

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	-
Blading & Grading	-	7,561.82
Chip & Seal	-	-
AMZ Patching	-	8,962.39
Seal Blend	-	-
Surface Maintenance	30,826.90	27,489.01
Crack & Joint Sealing	10,371.07	-
Shoulder Maintenance	26,577.15	5,764.71
Curb & Gutter	-	-
Trees & Shrubs	2,242.38	12,199.40
Cleaning Drainage Structures	240.64	-
Ditch Clean Out	881.48	-
Roadside Cleanup	-	-
Grass & Weed Control	17,379.69	218.56
Brush Cutting	-	-
Culvert / Underdrain Maintenance	4,831.62	5,524.64
Guard Rail & Post	241.93	-
Sweeping & Flushing	1,426.98	-
Winter Maintenance	63,541.46	13,002.25
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	20,484.00	14,502.83
Engineering Services	-	-
Field Supervision	16,878.45	9,430.54
Roadway Inspection	-	-
Emergency Response	-	-
BCRC Projects	\$ 34,729.53	\$ 279,505.91
Sub-Total of Maint. Expenditures	230,653.28	384,162.06
2022 Original Budget	223,810.00	307,333.00
Budget vs. Actual Costs	\$ (6,843.28)	\$ (76,829.06)

TOWNSHIP MAINTENANCE REPORT

KAWKAWLIN TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 27.89 50.95

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	333.57	2,929.44
Blading & Grading	-	727.02
Chip & Seal	-	293.04
AMZ Patching	691.57	20,419.61
Seal Blend	-	-
Surface Maintenance	45,415.28	56,733.01
Crack & Joint Sealing	673.59	-
Shoulder Maintenance	34,384.39	5,575.13
Curb & Gutter	-	-
Trees & Shrubs	17,279.00	8,186.59
Cleaning Drainage Structures	2,728.63	986.24
Ditch Clean Out	11,701.74	3,532.88
Roadside Cleanup	416.29	278.02
Grass & Weed Control	23,558.25	1,799.88
Brush Cutting	1,097.34	678.60
Culvert / Underdrain Maintenance	37,758.35	-
Guard Rail & Post	21,062.25	108.87
Sweeping & Flushing	249.57	-
Winter Maintenance	70,413.14	25,494.77
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	24,483.97	7,754.92
Engineering Services	-	-
Field Supervision	18,150.91	-
Roadway Inspection	-	-
Emergency Response	369.55	-
BCRC Projects	\$ 949,319.73	\$ -
Sub-Total of Maint. Expenditures	1,260,087.12	135,498.02
2022 Original Budget	330,196.00	215,636.00
Budget vs. Actual Costs	\$ (929,891.12)	\$ 80,137.98

TOWNSHIP MAINTENANCE REPORT

MERRITT TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 17.44 56.49

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 4,315.03
Placing Gravel	-	1,155.71
Blading & Grading	-	49,687.69
Chip & Seal	-	-
AMZ Patching	615.95	11,924.44
Seal Blend	-	-
Surface Maintenance	19,822.28	33,210.38
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	3,709.50	520.33
Curb & Gutter	-	-
Trees & Shrubs	3,266.92	4,737.59
Cleaning Drainage Structures	1,497.21	-
Ditch Clean Out	13,098.85	2,617.78
Roadside Cleanup	178.50	653.41
Grass & Weed Control	14,399.55	4,749.11
Brush Cutting	-	-
Culvert / Underdrain Maintenance	1,003.06	27,948.25
Guard Rail & Post	-	2,120.04
Sweeping & Flushing	-	-
Winter Maintenance	47,138.45	23,699.37
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	3,563.10	10,096.97
Engineering Services	-	-
Field Supervision	12,888.45	12,918.64
Roadway Inspection	-	-
Emergency Response	-	288.93
BCRC Projects	\$ 404,793.47	\$ 154,569.76
Sub-Total of Maint. Expenditures	528,454.24	345,213.43
2022 Original Budget	156,203.00	244,305.00
Budget vs. Actual Costs	\$ (372,251.24)	\$ (100,908.43)

TOWNSHIP MAINTENANCE REPORT

MONITOR TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 53.83 58.95

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 278.16
Placing Gravel	-	-
Blading & Grading	-	1,501.61
Chip & Seal	-	-
AMZ Patching	693.22	14,769.56
Seal Blend	-	-
Surface Maintenance	114,316.26	28,493.25
Crack & Joint Sealing	76.61	2,266.11
Shoulder Maintenance	5,706.28	135.71
Curb & Gutter	-	-
Trees & Shrubs	8,524.53	24,872.28
Cleaning Drainage Structures	9,508.85	4,174.88
Ditch Clean Out	-	10,738.35
Roadside Cleanup	218.91	1,222.23
Grass & Weed Control	27,885.30	7,157.23
Brush Cutting	2,052.62	319.54
Culvert / Underdrain Maintenance	4,330.87	21,271.80
Guard Rail & Post	11,513.85	639.93
Sweeping & Flushing	2,894.66	4,745.16
Winter Maintenance	89,503.42	48,087.97
Winter Maintenance Patrol	-	767.86
Bridge Structures	420.71	-
Traffic Signs	92,677.80	11,257.40
Engineering Services	-	-
Field Supervision	23,135.80	-
Roadway Inspection	73.26	-
Emergency Response	1,732.71	689.17
BCRC Projects	\$ 109,231.62	\$ 232,388.58
Sub-Total of Maint. Expenditures	504,497.28	415,776.78
2022 Original Budget	466,064.00	184,027.00
Budget vs. Actual Costs	\$ (38,433.28)	\$ (231,749.78)
7 Mile Rubber Chip Seal	\$ 1,404,828.27	

TOWNSHIP MAINTENANCE REPORT

MT. FOREST TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	27.14	41.55

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 53,971.45
Placing Gravel	-	10,339.97
Blading & Grading	495.89	59,651.85
Chip & Seal	-	146.53
AMZ Patching	-	155.15
Seal Blend	-	-
Surface Maintenance	41,555.53	3,865.62
Crack & Joint Sealing	2,478.98	-
Shoulder Maintenance	3,599.03	8,191.74
Curb & Gutter	-	-
Trees & Shrubs	8,576.95	7,287.40
Cleaning Drainage Structures	403.75	529.64
Ditch Clean Out	2,053.96	8,927.90
Roadside Cleanup	363.02	391.73
Grass & Weed Control	14,258.60	381.86
Brush Cutting	5,828.14	198.80
Culvert / Underdrain Maintenance	360.17	4,251.09
Guard Rail & Post	3,265.34	3,023.85
Sweeping & Flushing	623.95	309.73
Winter Maintenance	44,493.79	25,262.15
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	14,060.60	7,453.13
Engineering Services	-	-
Field Supervision	18,823.71	-
Roadway Inspection	-	-
Emergency Response	555.28	-
BCRC Projects	\$ 246,291.95	\$ 69,090.65
Sub-Total of Maint. Expenditures	408,088.64	263,430.24
2022 Original Budget	197,793.00	202,073.00
Budget vs. Actual Costs	\$ (210,295.64)	\$ (61,357.24)

TOWNSHIP MAINTENANCE REPORT

PINCONNING TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	28.44	56.33

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 22,186.85
Placing Gravel	850.66	7,290.28
Blading & Grading	-	18,859.03
Chip & Seal	-	-
AMZ Patching	-	2,865.17
Seal Blend	-	-
Surface Maintenance	11,933.82	29,439.70
Crack & Joint Sealing	2,478.95	-
Shoulder Maintenance	10,485.15	10,350.28
Curb & Gutter	-	-
Trees & Shrubs	2,649.06	13,521.47
Cleaning Drainage Structures	2,473.94	6,379.63
Ditch Clean Out	4,000.73	7,006.42
Roadside Cleanup	941.11	-
Grass & Weed Control	11,899.64	2,955.80
Brush Cutting	5,212.76	-
Culvert / Underdrain Maintenance	545.89	6,712.72
Guard Rail & Post	5,520.76	1,108.39
Sweeping & Flushing	-	-
Winter Maintenance	53,810.05	21,739.22
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	22,341.66	15,176.83
Engineering Services	-	-
Field Supervision	24,862.74	-
Roadway Inspection	-	-
Emergency Response	403.84	-
BCRC Projects	\$ -	\$ 119,408.77
Sub-Total of Maint. Expenditures	160,410.76	285,000.56
2022 Original Budget	191,237.00	240,428.00
Budget vs. Actual Costs	\$ 30,826.24	\$ (44,572.56)

TOWNSHIP MAINTENANCE REPORT

PORTSMOUTH TOWNSHIP

PRIMARY **LOCAL**
MILEAGE: 18.03 34.9

DESCRIPTION OF WORK

Dust Control	\$ -	\$ -
Placing Gravel	-	-
Blading & Grading	-	-
Chip & Seal	-	-
AMZ Patching	-	5,944.88
Seal Blend	-	-
Surface Maintenance	18,653.23	19,895.97
Crack & Joint Sealing	12,315.93	4,850.69
Shoulder Maintenance	9,630.02	2,921.74
Curb & Gutter	-	-
Trees & Shrubs	388.43	9,207.31
Cleaning Drainage Structures	989.25	-
Ditch Clean Out	607.89	9,367.77
Roadside Cleanup	-	893.91
Grass & Weed Control	12,914.77	10,194.93
Brush Cutting	-	-
Culvert / Underdrain Maintenance	8,062.16	7,073.50
Guard Rail & Post	1,613.87	814.69
Sweeping & Flushing	-	-
Winter Maintenance	42,258.36	25,018.61
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	14,581.45	6,113.81
Engineering Services	-	-
Field Supervision	14,624.53	9,252.06
Roadway Inspection	-	-
Emergency Response	-	-
BCRC Projects	\$ -	\$ 160,170.45
Sub-Total of Maint. Expenditures	136,639.89	271,720.32
2022 Original Budget	224,842.00	257,391.00
Budget vs. Actual Costs	\$ 88,202.11	\$ (14,329.32)

TOWNSHIP MAINTENANCE REPORT

WILLIAMS TOWNSHIP

	PRIMARY	LOCAL
MILEAGE:	34.59	35.56

DESCRIPTION OF WORK

Dust Control	\$ -	\$ 2,209.81
Placing Gravel	-	285.77
Blading & Grading	-	19,180.46
Chip & Seal	-	146.53
AMZ Patching	3,803.28	5,645.41
Seal Blend	-	-
Surface Maintenance	88,978.32	59,404.93
Crack & Joint Sealing	76.61	-
Shoulder Maintenance	33,911.27	2,500.46
Curb & Gutter	-	-
Trees & Shrubs	1,805.24	6,537.05
Cleaning Drainage Structures	3,460.52	10,381.24
Ditch Clean Out	36,867.49	11,704.32
Roadside Cleanup	436.42	436.42
Grass & Weed Control	26,250.97	8,853.40
Brush Cutting	2,351.47	2,996.56
Culvert / Underdrain Maintenance	10,647.52	16,373.10
Guard Rail & Post	504.21	322.57
Sweeping & Flushing	374.36	1,155.47
Winter Maintenance	83,150.25	31,302.49
Winter Maintenance Patrol	-	-
Bridge Structures	-	-
Traffic Signs	43,306.11	8,906.47
Engineering Services	-	-
Field Supervision	19,282.14	-
Roadway Inspection	-	-
Emergency Response	-	-

BCRC Projects	\$ 104,411.64	\$ 65,326.70
Sub-Total of Maint. Expenditures	459,617.82	253,669.16
2022 Original Budget	383,334.00	341,928.00
Budget vs. Actual Costs	\$ (76,283.82)	\$ 88,258.84

2022 LOCAL CONSTRUCTION

Project #	Road Name	Description	Total Costs

TOTAL 2022 LOCAL CONSTRUCTION COSTS \$0.00

2022 PRIMARY CONSTRUCTION

Project #	Road Name	Description	Total Costs

TOTAL 2022 PRIMARY PROJECT COSTS \$0.00

2022 LOCAL BRIDGE STRUCTURES

Project #	Description	Total Costs
201248	Stevenson Road Bridge over SB Pine	\$14,013.18
204439	Bridge Load Ratings	\$34,358.31

TOTAL 2022 LOCAL BRIDGE STRUCTURES COSTS \$48,371.49

2022 PRIMARY BRIDGE STRUCTURES

Project #	Description	Total Costs
118036	Seven Mile Road Bridge Over Tebo Drain	\$1,710.48
119036	Anderson Road Bridge Over NB Kawkawlin	\$5,406.94
203726	Mackinaw Road Bridge Over Whitefeather	\$27,291.03
203962	Bridges(4) Preventative Maintenance	\$19,789.22
204310	Old Beaver Road Bridge Over Kawkawlin	\$19,739.55
204436	Bridge Safety Inspections	\$25,646.55
204438	Bridge Load Ratings	\$1,115.53
204440	Underwater Bridge Inspection	\$23,213.64
205487	Doud Road Bridge Over NB Kawkawlin	\$22,932.36

TOTAL 2022 PRIMARY BRIDGE STRUCTURES COSTS \$146,845.30

2022 PRIMARY HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
113014	Patterson	Wheeler	Wilder	Reconstruction of 2 Lane Road	\$1,344.81
11704A	Monitor	Pine	Fraser	Construct Drainage Outlet	\$165,101.31
118037	Euclid	M-84	Hotchkiss	Reconstruct Including Curb & Gutter	\$7,434,078.11
119038	Old Kawkawlin	2 Mile	State Park	Reconstruction of 2 Lane Road	\$15,341.56
120006	2 Mile	Midland	Wilder	HMA, Cold Mill and Crush & Shape	\$1,099.00
120008	Salzburg	2 Mile	M-84	Cold Mill & Repave with HMA	\$532.81
200574	Garfield	Linwood	Erickson	3R Pulverize and HMA Pave	\$30,853.61
200575	Midland	US-10	Carter	3R Pulverize and HMA Pave	\$4,820.68
200576	3 Mile	M-84	Midland	3R Pulverize and HMA Pave	\$75,780.10
203192	7 Mile	Salzburg	Midland	Cold Mill & Repave with HMA	\$201,858.35
203973	Cody Estey	M-13	Mt. Forest	HMA Resurface	\$18,089.19
204398	Salzburg	7 Mile	8 Mile	Shoulder Gravel Depth Verification	\$1,588.03
204405	Garfield	Erickson	Townline 16	HMA Resurface	\$28,018.36
204902	Garfield	Over the Hudson Drain		Remove Concrete Headwall	\$28,892.04
205069	Mackinaw Road	Railroad Crossing		Reconstruction of Railroad Crossing	\$25,497.82
205070	Carter	Railroad Crossing		Reconstruction of Railroad Crossing	\$24,435.41

TOTAL 2022 PRIMARY HEAVY MAINT. COSTS

\$8,057,331.19

2022 LOCAL HEAVY MAINTENANCE

Project #	Road Name	From Location	To Location	Description	Total Costs
204038	Killarney Beach	Ricoma	Last Curve	Drainage Feasibility Study	\$56,439.03
204235	Old Kawkawlin	Beaver	M-13	Rubber Chip Seal	\$5,498.46
204337	8 Mile	Hotchkiss	Salzburg	HMA Resurface	\$200,531.45
204339	9 Mile	North Union	Wheeler	HMA Resurface	\$477,797.95
204540	Townline 14	I-75	Old Beaver	Place Gravel and Double Chip Seal	\$78,308.14
204802	Heriter	Linwood	Cottage Grove	Place Aggregate	\$34,634.10
204803	Schmidt	Mackinaw	West End	Crush & Shape, Place Aggregate	\$21,557.54
204812	11 Mile	Erickson	Townline 16	Place Aggregate	\$40,772.60
204813	Flajole	Kitchen	Erickson	Place Aggregate	\$20,290.35
204814	Rogers	Anderson	0.5 Miles North	Place Aggregate	\$10,041.44
204995	Newberg	11 Mile	Carter	Place Aggregate	\$20,623.99
205018	Flajole	Townline 14	Wheeler	Crush & Shape, Place Aggregate	\$77,899.48
205044	Fraser	Whitefeather	Bay Arenac	Place Aggregate	\$20,780.91
205045	Bay Arenac	Fraser	Mackinaw	Place Aggregate	\$20,506.95
205046	Elevator	Mount Forest	North End	Place Aggregate	\$6,678.02
205047	Airport	Neuman	Denny	Place Aggregate	\$14,345.73

TOTAL 2022 LOCAL HEAVY MAINT. COSTS

\$1,106,706.14

2022 PRIMARY CHIP SEAL

Project #	Road Name	From Location	To Location	Description	Total Costs
204233	Saganing	11 Mile	8 Mile	Rubber Single Seal	\$220,010.82
204234	Whitefeather	11 Mile	County Line	Rubber Single Seal	\$220,494.81
204565	3 Mile	Amelith	WS Saginaw	Single Seal	\$25,150.78
204566	3 Mile	Freeland	Amelith	Single Seal	\$25,089.53
204567	Amelith	I-75	2 Mile	Single Seal	\$13,658.75
204568	Bangor	Wilder	Wheeler	Single Seal	\$24,199.46
204569	Bay Arenac	Monitor	2 Mile	Single Seal	\$21,795.27
204571	Carter	Midland	Wheeler	Single Seal	\$50,430.29
204572	Hampton	Knight	City Line	Single Seal	\$34,240.82
204573	Hotchkiss	Garfield	7 Mile	Single Seal	\$53,981.35
204574	Hotchkiss	Mackinaw	M-84	Single Seal	\$46,381.79
204575	Mackinaw	Midland	Wilder	Single Seal	\$28,445.01
204576	Neuman	Flajole	County Line	Single Seal	\$25,797.14
204951	Old Kawkawlin	Beaver	M-13	Rubber Single Seal	\$91,546.72
205258	Erickson	7 Mile	8 Mile	Rubber Single Seal	\$70,170.27
205259	Anderson	Carter	County Line	Rubber Single Seal	\$148,139.37

TOTAL 2022 PRIMARY CHIP SEAL COSTS

\$1,099,532.18

2022 LOCAL CHIP SEAL

Project #	Road Name	Location	Location	Description	Costs
204713	Knodt	Callahan	East End	Single Seal	\$16,467.39
204714	Meilan	Hampton	North End	Single Seal	\$17,798.79
204715	Burns	Youngs Ditch	Center	Single Seal	\$25,034.87
204716	Warner	Center	East End	Single Seal	\$50,622.40
204717	Wagner	Youngs Ditch	Ridge	Single Seal	\$14,814.90
204718	Orchard	Nebobish	M-25	Single Seal	\$12,853.77
204719	SE Boutell	Center	Youngs Ditch	Single Seal	\$24,800.86
204720	Hampstead	M-25	North End	Single Seal	\$13,422.11
204804	Kaiser Tower	Linwood	Townline 16	Single Seal	\$116,363.23
204805	Kitchen	Fraser	I-75	Single Seal	\$18,481.71
204806	Erickson	Fraser	Mackinaw	Single Seal	\$16,873.41
204807	Prevo	M-13	East End	Single Seal	\$14,677.26
204808	Townline 16	M-13	Hupter	Single Seal	\$41,120.64
204809	Erickson	Fraser	I-75	Double Seal	\$51,683.83
204810	Kitchen	Garfield	11 Mile	Single Seal	\$20,784.01
204811	11 Mile	Kitchen	Erickson	Single Seal	\$19,243.92
204842	Farley	Hampton	North End	Single Seal	\$20,235.58
204843	4 Mile	Salzburg	Fisher	Single Seal	\$17,265.82
204844	Fraser	Hotchkiss	Salzburg	Single Seal	\$17,727.47
204845	Fraser	Midland	US-10	Single Seal	\$8,689.13
204846	North Union	Fraser	Mackinaw	Single Seal	\$23,519.96
204847	Old Beaver	Chip	Townline 14	Single Seal	\$60,753.66
204848	3 Mile	Wilder	Wheeler	Single Seal	\$20,260.55
204849	4 Mile	Wilder	Wheeler	Single Seal	\$20,488.52
204850	Fraser	Midland	Townline 14	Single Seal	\$63,683.47
204855	Wagner	Cass	German	Single Seal	\$21,795.77
204856	Finn	Cass	Youngs Ditch	Single Seal	\$20,517.20
204857	Green	Bullock	Munger	Single Seal	\$36,218.13
204858	Russell	Lincoln	M-15	Single Seal	\$61,878.03
204859	Scheurman	Munger	Russell	Single Seal	\$19,761.32
204985	N. Chilson	North Union	North End	Single Seal	\$5,020.89
204987	Fletcher	N. Chilson	Wenona	Single Seal	\$18,367.54
204990	Schumann	Euclid	Old Kawkawlin	Single Seal	\$9,391.03
204991	Christiana	Patterson	End	Single Seal	\$7,017.22
204993	Jean	Patterson	West End	Double Seal	\$37,380.29
204994	Barted	Jean	End	Double Seal	\$8,811.66
204997	Russell	Knight	Nolet	Single Seal	\$55,511.27
204999	Cotter	Brown	Kinney	Single Seal	\$26,442.44
205000	Cotter	M-138	.5 Miles North	Single Seal	\$14,411.63
205043	Mount Forest	7 Mile	8 Mile	Double Seal	\$46,671.23
205083	Amelith	Mackinaw	Fraser	Single Seal	\$22,872.19
205085	Newberg	Garfield	11 Mile	Single Seal	\$14,156.68
205086	9 Mile	M-61	County Line	Single Seal	\$20,032.07
205207	Beachwood	Patterson	End	Single Seal	\$4,822.68

TOTAL 2022 LOCAL CHIP SEAL COSTS

\$1,178,746.53