



VAN BUREN COUNTY ROAD COMMISSION

2019 ANNUAL REPORT

Van Buren County Road Commission

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OVERVIEW

Strategic Highlights

The Road Commission has undergone several areas of change over the last several years. Moving forward the focus will be on implementing an asset management plan, updating the strategic plan, and working on community engagement.

Financial Highlights

The Michigan Transportation Fund (MTF) is the primary source of the Road Commission's funding. In 2017, the Michigan State Legislature implemented an increase in the funding stream for the MTF. This increase was a long time coming. While the increase doesn't fill the gap or the needs of the road system, it is helpful, and provides additional dollars to maintain the road system in Van Buren County.

Operating Highlights

Turning the corner to work towards proactive road maintenance and road improvements is the number one operations goal of the Van Buren County Road Commission. Operations Director Brucks and Highway Engineer Anttila are working together to modify the approach to maintenance and construction activities so these departments can become proactive instead of reactive. While funding levels constrain all aspects of this endeavor, staff is working to be proactive wherever possible.

Looking Ahead

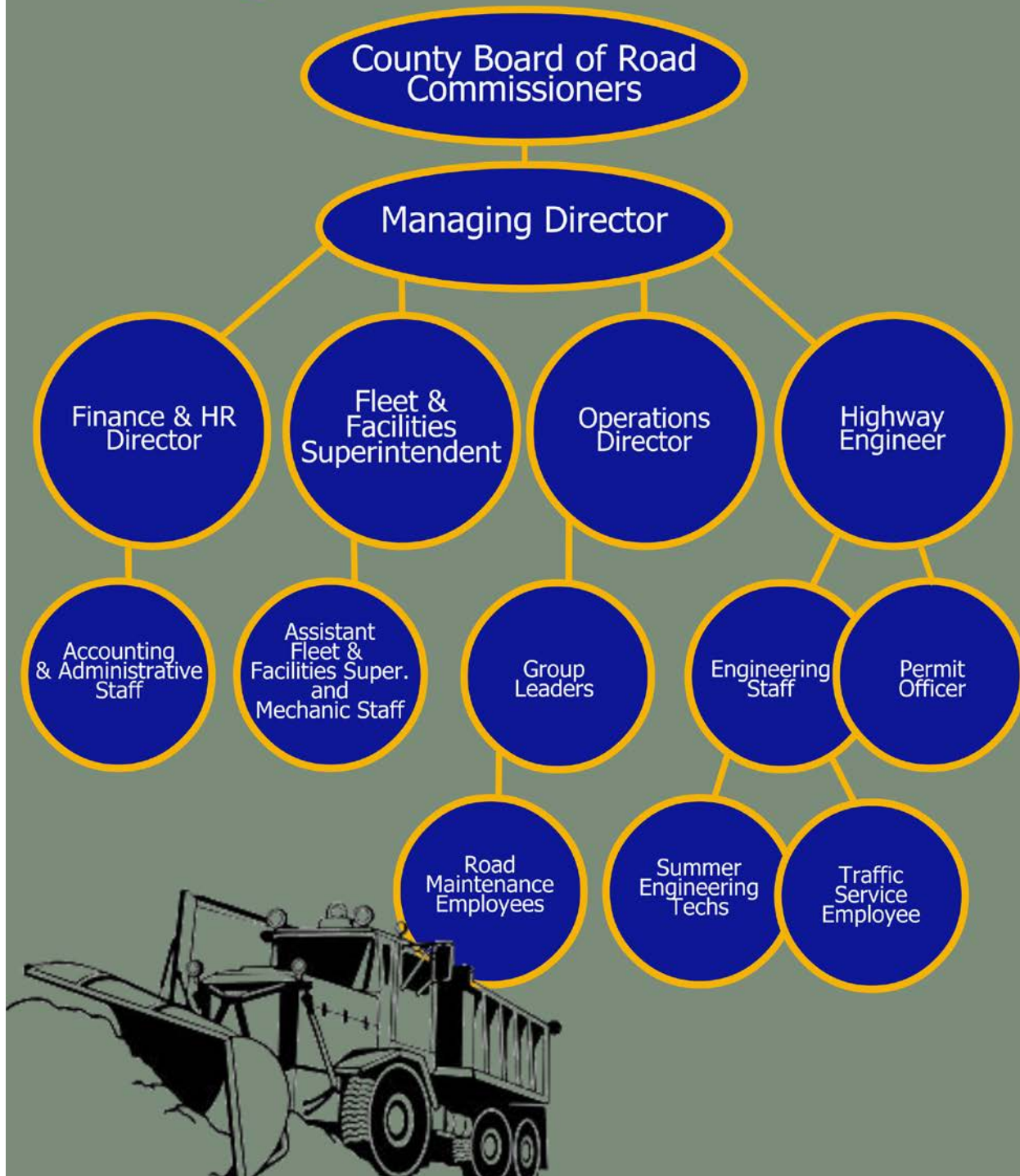
Over the next several years, the Road Commission and its partners will need to work together to decide the future of the road system within Van Buren County. The needs of the road system far outweigh the funding received for roads within our County. As partners we need to determine the correct course of action into the future.

Daniel Bishop

Managing Director

July 29, 2020

Van Buren County Road Commission Organizational Structure



WHO WE ARE

Commissioners

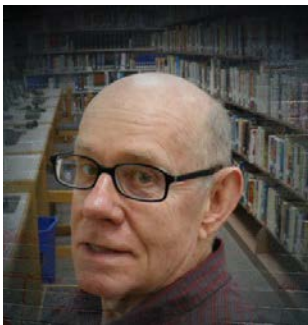
W.C. Askew, Sr. was appointed to the Board of County Road Commissioners of Van Buren County in 2013 and has served as Chairman of the Board in 2016-17, and as Vice-Chairman of the Board in 2015. Previously he served as a Commissioner for Berrien County for 15 years, the Clerk of Benton Charter Township for four years, and as a Board Member for Tri-County Head Start for 25 years. He is currently serving as an Election Inspector for South Haven Charter Township, a Financial Advisor for Shoreline Financial Service, President of Faith Non-Profit Housing Corporation, President of Faith Community Development Corporation, and as a member of the South Haven Rotary Club. He is a graduate of Lake Michigan College in Benton Harbor, Michigan, and International Seminary in Plymouth, Florida, holds two degrees from Oval Bible College in Lawrenceville, Georgia, and currently serves as Pastor of Faith Evangelistic World Outreach Ministries.



Reginald D. Boze was appointed to the Board of County Road Commissioners of Van Buren County in 2011 and has served as Chairman of the Board in 2015 and 2019, and as Vice Chairman of the Board in 2013-14. He is currently the Auto Production Manager/Instructor/ASE TRAINER for the BES & EEP Automotive Programs at Van Buren Tech Center (VBISD) and served for 12 years as a Union Steward, four years as President and four years as Vice President. He also was the owner of a Snap On tool franchise. As a Reserve Sheriff Deputy for over 40 years he has had an opportunity to travel most all roads in Van Buren County. In addition, he has taken care of five rental houses maintaining water, sewers and driveways. Commissioner Boze is a 30 year ASE Certified Master Mechanic & has an Associate's Degree in Automotive Technology from Southwestern Michigan College, and is a lifelong resident of Van Buren County.

WHO WE ARE CONTINUED

Doug Burleson was appointed to the Board of County Road Commissioners of Van Buren County in 2018 and was appointed as Vice-Chairman of the Board in 2020. Commissioner Burleson retired in 2019 as Public Works Superintendent for the Village of Bloomingdale after 27 years of service. He is a licensed wastewater treatment operator, and is currently self-employed as a grain and livestock farmer.



Gregory H. Kinney was appointed to the Board of County Road Commissioners of Van Buren County in 2009 and served as Chairman in 2013-14, and was appointed as Chairman in 2020. He also served as Vice-Chairman of the Board in 2011-12 and 2018-19. Previously he served as a pension consultant at the Detroit office of The Wyatt Company on U.S. & Canadian retirement plans. Subsequently, he was a private practice attorney in Detroit, Troy and Decatur, Michigan. He has a Master's Degree in Labor & Industrial Relations, and a Law Degree. He is an active member in good standing with the Michigan Bar Association. He received an honorable discharge from the U.S. Army-Michigan National Guard as a Second Lieutenant.

Geoff Moffat was appointed to the Board of County Road Commissioners of Van Buren County in 2019. He holds a Bachelor of Science in Urban Planning and a Juris Doctor. He has served as a planning director for several local governments, as well as worked in private practice as a consultant. He has instructed professional level classes at Michigan State University and for the Institute of Continuing Legal Education, University of Michigan. He has co-authored two books on Michigan Planning and Zoning practice. Highway corridors, Downtown Development, private projects, and municipal master plans are among the planning projects he has produced. Commissioner Moffat is also a qualified zoning practice expert.

WHO WE ARE CONTINUED

Directors

Managing Director, Daniel “Dan” Bishop

Highway Engineer, Barry Anttila

Operations Director, Greg Brucks

Finance and Human Resources Director, Linnea Rader

Fleet and Facilities Superintendent, Gary Rohacs

Employees



2019 Van Buren County Snow Plow Road-eo

Van Buren County Road Commission

WHO WE ARE



18 Townships
In Our Service Area

Approximately

55,311

Residents



56
Employees



Fleet of
130+ Vehicles
Including 50 plow trucks
dispatched from 3 garages.



OUR NETWORK

Over
84
Bridges

100% rated in good/fair
condition.



1,328

County Road Miles
Representing 2,780+ lane miles.



More than
1,842
Culverts

Inventory of
culverts is an
ongoing
process.

WHAT WE DO

Traffic & Safety



Maintains over 9,111 signs
and traffic signals
throughout the county.

Routine Maintenance

VBCRC is responsible for a mix of maintenance
operations, including: snow plowing, ditching,
gravel road grading, asphalt patching, tree
removals, roadside mowing, and more!

Construction & Preventive Maintenance

In conjunction with our
township partners, VBCRC was
able to complete \$4.6 million in
road improvements and 172
miles of sealcoat in 2019.



Snow & Ice Control

Maintaining 2,780+ lane
miles of road, targeting
one complete pass of
the network daily.

HOW WE DO IT



Primary Funding Source

The Michigan Transportation Fund (MTF) is
the primary source of funds at VBCRC.

Township Contributions

Each of our 18 townships contribute to funding road
improvements and preventive maintenance operations
annually. In 2019, this exceeded \$4.2 million.

County-Wide Road Millage

Van Buren County voters have approved this millage
since 1978 to assist in funding road repairs.

GLOSSARY OF TERMS

Act 51 - Public Act 51 of 1951, as amended (Act 51), governs the distribution of specific taxes for transportation purposes. Act 51 creates a fund into which specific transportation taxes are deposited, and prescribes how these revenues are to be distributed and the purposes for which they can be spent.

Act 51 Certified Roads - Act 51 establishes jurisdictional road networks within the State of Michigan. Road agencies can only expend Act 51 revenues on those roads certified by Act 51.

Asset Management - The systematic process of identifying, classifying, evaluating and maintaining assets in a cost-effective manner.

Bituminous Overlay - Application of a HMA placed on top of gravel or other old surfaces and rolled to compact in place.

Culvert - Usually a factory assembled round or arch shaped pipe connected together with couplers or bands; a culvert differs from a bridge in that it is usually constructed entirely below the road surface.

Fog Seal - A layer of liquid asphalt applied over the top of a recently sealcoated surface. The layer of liquid seals the roadway, locking down marginally embedded chips and reducing infiltration of water.

Grading - Cutting through, re-distribution and re-compacting of a gravel road surface, and/or adding new road gravel material to obtain the desired roadway shape and profile. This term is often incorrectly used when referring to blading.

Heavy Maintenance (Preservation/Structural Improvement) - Road work including placing a hard surface on a gravel road, reconstruction of existing road or bridge, resurfacing a road with a HMA overlay or installation of new culverts or catch basins.

Hot Mix Asphalt (HMA) - A hot mixture of asphalt, a glue like material, and various sizes of stone (asphalt), which is rolled to compact.

Hot Rubber Crack Sealing - Rubber material consisting of polymers, virgin rubber and bituminous emulsion to form an elastic moisture barrier over cracks in the road that will maintain its form, when properly heated and applied, over extreme heat and cold fluctuations in the roadway.

GLOSSARY OF TERMS CONTINUED

Local Roads - Streets, avenues and roadways within subdivisions.

Michigan Transportation Fund (MTF) - The fund created by Public Act 51 to provide road funding to local jurisdictions. Act 51 defines the formula by which Michigan distributes money in the MTF for road maintenance to cities, villages, and counties.

Pavement Surface Evaluation and Rating (PASER) - A 1-10 rating system for road pavement condition utilizing visual inspection to evaluate pavement surface conditions. PASER ratings provide a basis for comparing the quality of roadway segments and assist in prescribing appropriate road treatment options.

Preventative (Special) Maintenance - Road work including sealcoat, hot rubber crack sealing, wedging, etc., to preserve roads by retarding surface deterioration.

Primary Roads - Red Arrow Highway, Blue Star Highway, and all roads with the "County Road (C.R.)" designation.

Reconstruction - Removal of the existing roadway materials to be replaced with materials and thickness conforming to current standards for pavement design. Vertical and horizontal alignment drainage improvements are also types of reconstruction.

Rehabilitation - Placing additional surface material or doing other work to return a road, including shoulders, to a structural or functional adequacy.

Resurfacing - Placement of a designed thickness of pavement materials over the existing pavement. The material is added to match the elevation of the new pavement.

Routine Maintenance - Work including pothole filling, gravel patching, pavement marking, roadside mowing, traffic road sign installation, snow removal, etc.

Sealcoat - Liquid asphalt emulsion that is applied in a single application to an existing HMA surface, which then is covered with a single layer of stone or slag and imbedded by a mechanical means of rolling.

Transportation Asset Management Council (TAMC) - Formed under Public Act 499 of 2002, TAMC acts as a resource for independent objective data on the condition of Michigan's roads and bridges and a resource for implementing the concepts of asset management.

HOT TOPICS

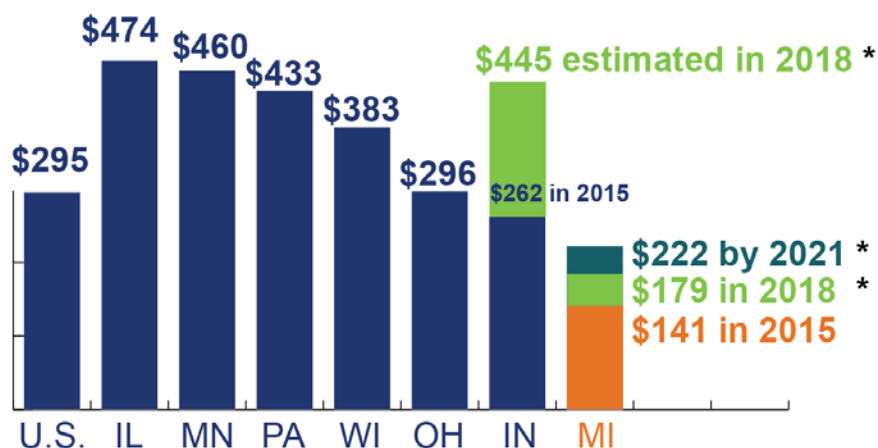
Why is the road system in the condition it's in?

Road funding in the State of Michigan (as well as the majority of the country), has fallen short of the needs of the existing infrastructure. As road repair costs elevate, funding does not keep up, resulting in the continued deterioration of road system conditions.

Recently, discussion about road and bridge funding has been a hot topic; from the Federal, State and even local governments. The lack of funding and underinvestment in infrastructure across America is at a critical point. Michigan's investment in roads and bridges is rated a "D" by the American Society of Civil Engineers, while the United States as a whole is rated a "D" for roads, and a "C+" for bridges.

The following graphic published by the Southeast Michigan Council of Governments (SEMCOG) shows the per capita expenditures on roads through the Great Lakes states. Michigan is, by far, spending the least per person to repair and maintain roads.

Michigan spends much less on **Road Construction per capita** than other Great Lakes states (2015)



* Reflects major revenue increases after 2015

In order to adequately repair and maintain the road system within Van Buren County and throughout the state, the funding structure for roads must be greatly modified. Providing adequate funding for long term infrastructure improvements is important to the traveling public, residents and the economic vitality of our community.

HOT TOPICS CONTINUED

How are roads chosen for improvements?

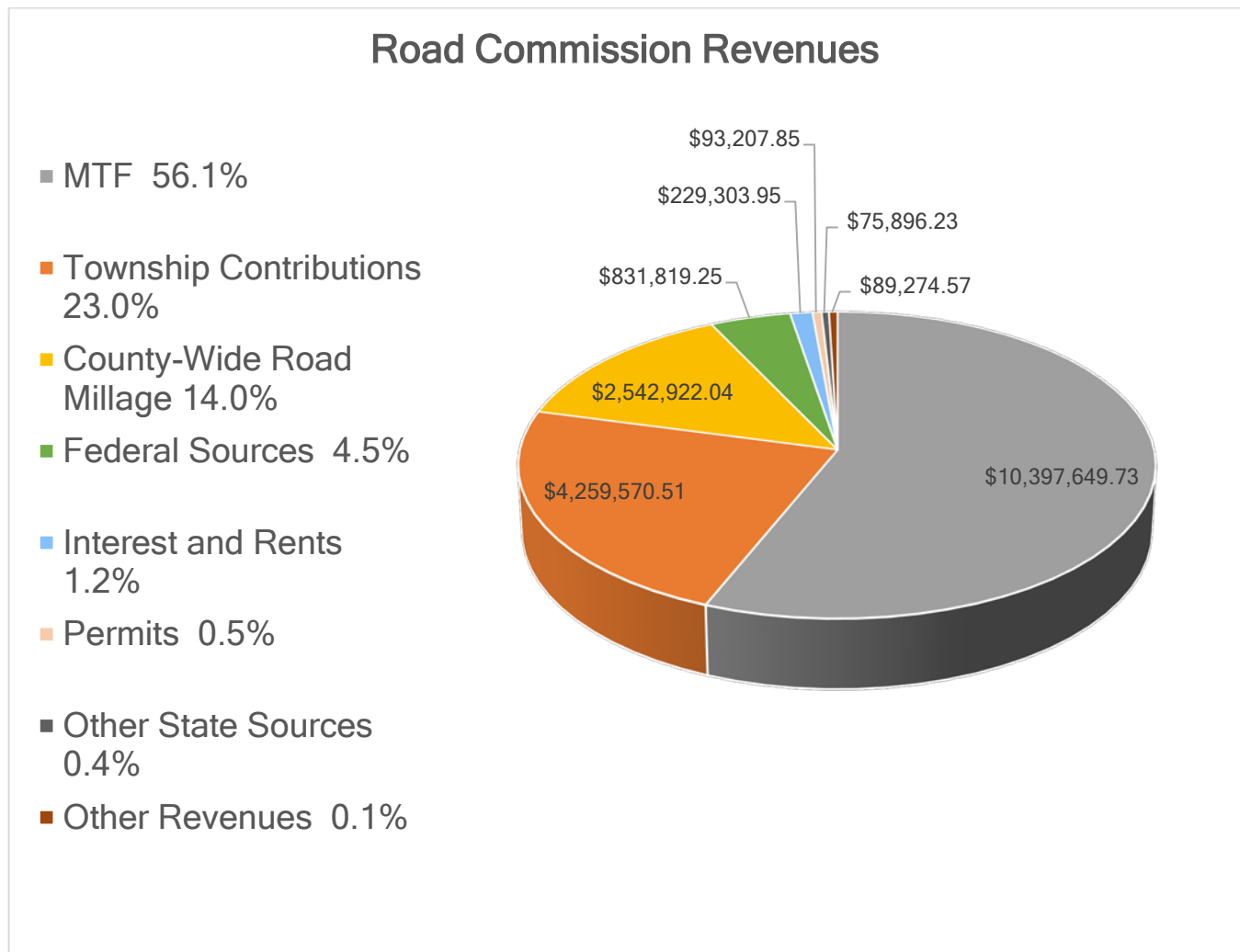
The Transportation Asset Management Council (TAMC) within the State of Michigan has provided the structure to collect road and bridge condition data. The Van Buren County Road Commission, in partnership with the 18 Townships within Van Buren County, has prioritized the data collection of all asphalt roads each year and all gravel roads every third year utilizing Pavement Surface Evaluation and Rating (PASER) road ratings. This collected data allows improvements to be prioritized based upon what can be accomplished in a cost-effective manner and do the most to improve and maintain our road system.

Additionally, the Road Commission leverages funding from the federal and state government. This funding is available for projects are on the federal aid eligible routes within Van Buren County, which accounts for 244 miles of roadway within our County. Projects utilizing federal and state aid are performed on our road system with a cost share of 50-90% federal or state aid, with the remaining coming from local (Road Commission) funds. Bringing these federal and state funds into our County allows the Road Commission to allocate more funds to the maintenance budget for larger road and bridge projects on the Primary road system. Without the allocation of these dollars, these projects would not be able to be performed.

Over the years, the Road Commission and Townships have built a partnership in which the Road Commission prioritizes projects on roads on the higher traffic volume, primary road system and the Townships prioritize projects on the lower traffic volume, local road system. Each Township develops a plan based upon funding, the needs of the roads, and requests of the residents within their township. This partnership adds, on average, \$3 million annually from Township budgets, to road improvements selected by the Townships.

To summarize, road improvement projects performed by the Road Commission are selected based upon the availability of additional funding sources, traffic volume and asset management principals, including the PASER road rating. Road improvement projects selected by the Townships are selected by the respective Township Boards based upon criteria determined at the Township level.

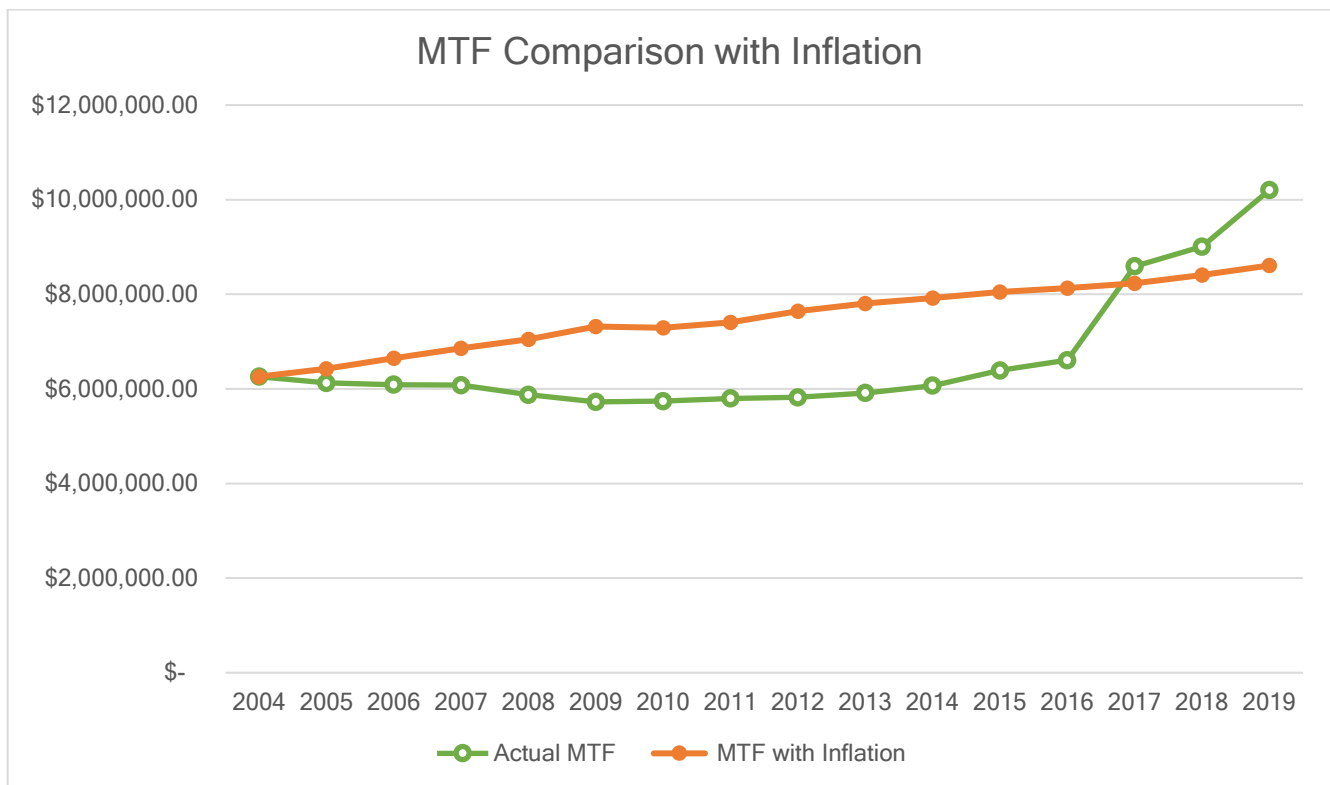
REVENUES



Van Buren County Road Commission's main source of funding is the Michigan Transportation Fund (MTF). The MTF is collected through fuel taxes and vehicle registration fees. In 2015 the Michigan State Legislature passed a funding package to increase MTF incrementally from 2017 through 2021. Beginning in 2019, the State Legislature must annually allocate general fund dollars to fulfill half of the funding package.

REVENUES CONTINUED

The MTF has historically been underfunded. Funding levels have not kept up with the rate of inflation, and from 2004 to 2017 the Road Commission experienced decreases in funding. The following graph shows the 2004 MTF revenue and adds the national average level of inflation annually, shown in orange. The actual Van Buren County Road Commission MTF revenues received from 2004 through 2019 is shown in green.



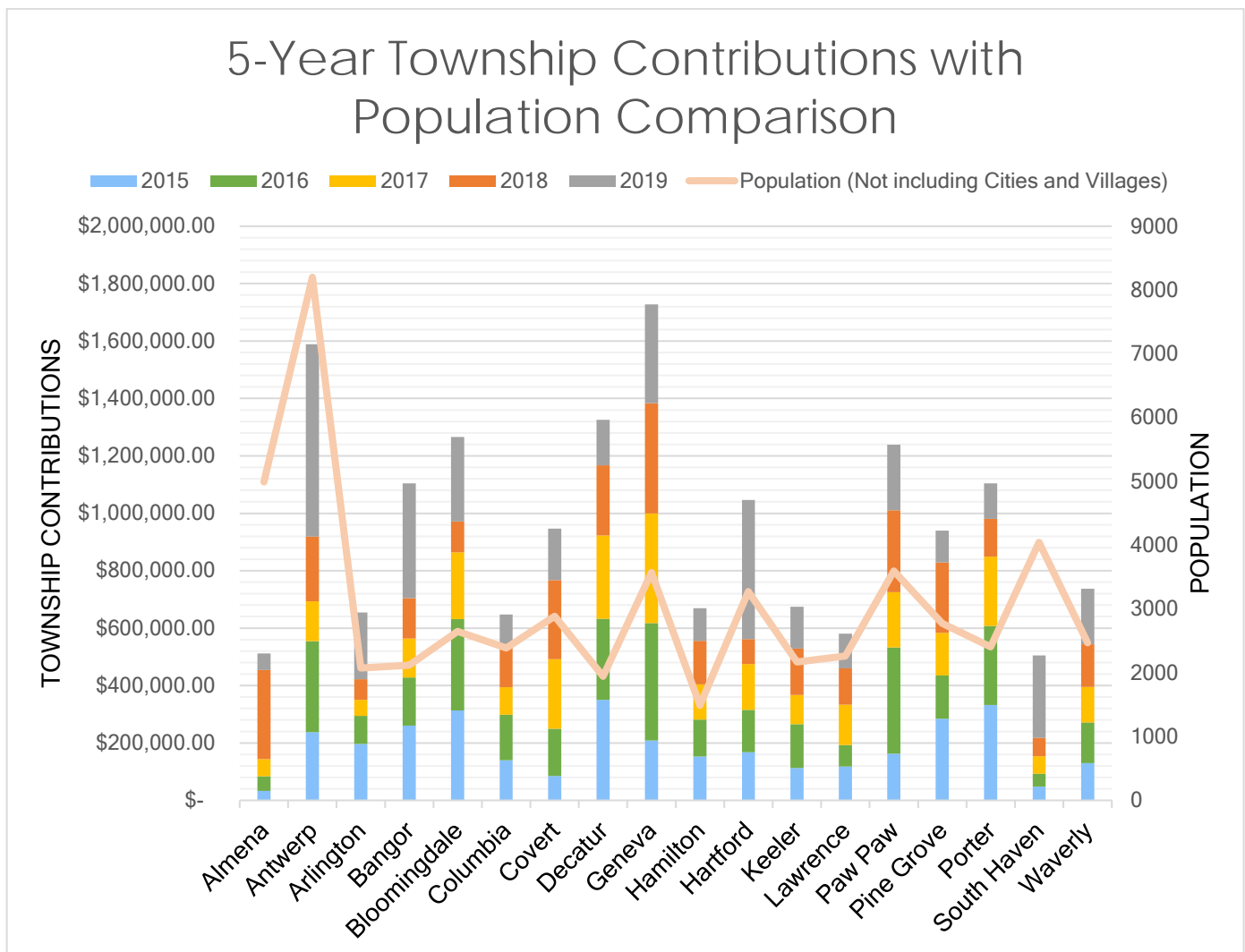
The Road Commission's budget includes funds for repairs and routine maintenance on the certified road system in Van Buren County. The current road funding structure from the State requires prioritization by the Board of County Road Commissioners for necessary road repairs and maintenance. Due to this limited funding, requested road work that is not included in the Road Commission's budget is often funded by the Townships.

The Road Commission and the Township Partners have worked together for decades to provide additional road projects with funding from the Township level. These projects have primarily been on the local road system, but are increasingly necessary on the primary road

REVENUES CONTINUED

system as the Townships recognize a need. This partnership between the Road Commission and the Townships is built out of necessity to best serve the public of Van Buren County and is necessary for the improvement of infrastructure within the County.

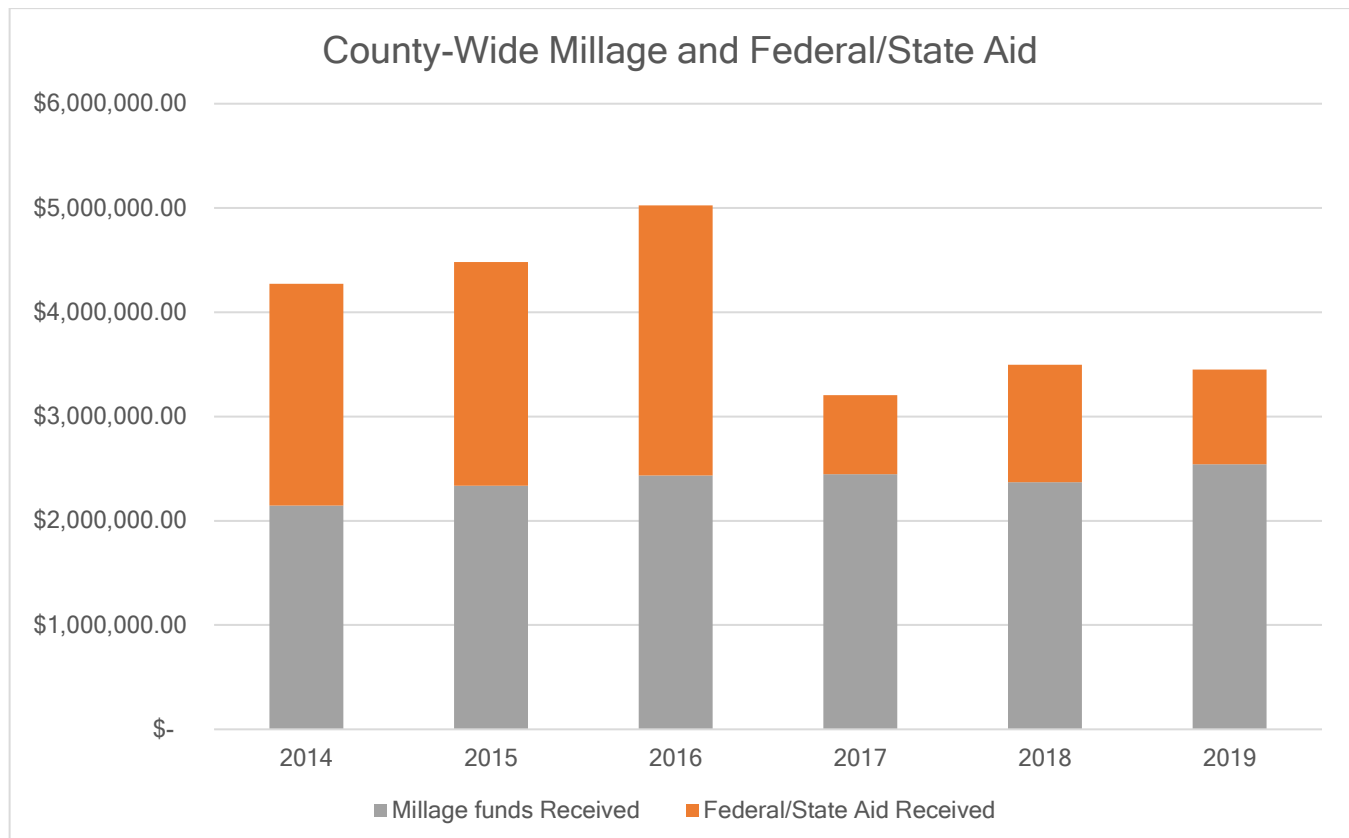
Understanding that general road and bridge funding leaves a gap in the ability to make necessary improvements, 17 Townships have passed Township road millages to provide additional road and bridge funding. These funds assist in filling part of the gap of infrastructure needs versus funding. In 2019, the funds from the 18 Townships provided \$4.2 million in road work throughout the County. The following chart shows Township contributions over the last 5 years compared to the population of the unincorporated portions of each Township (not including the population within Cities and Villages).



REVENUES CONTINUED

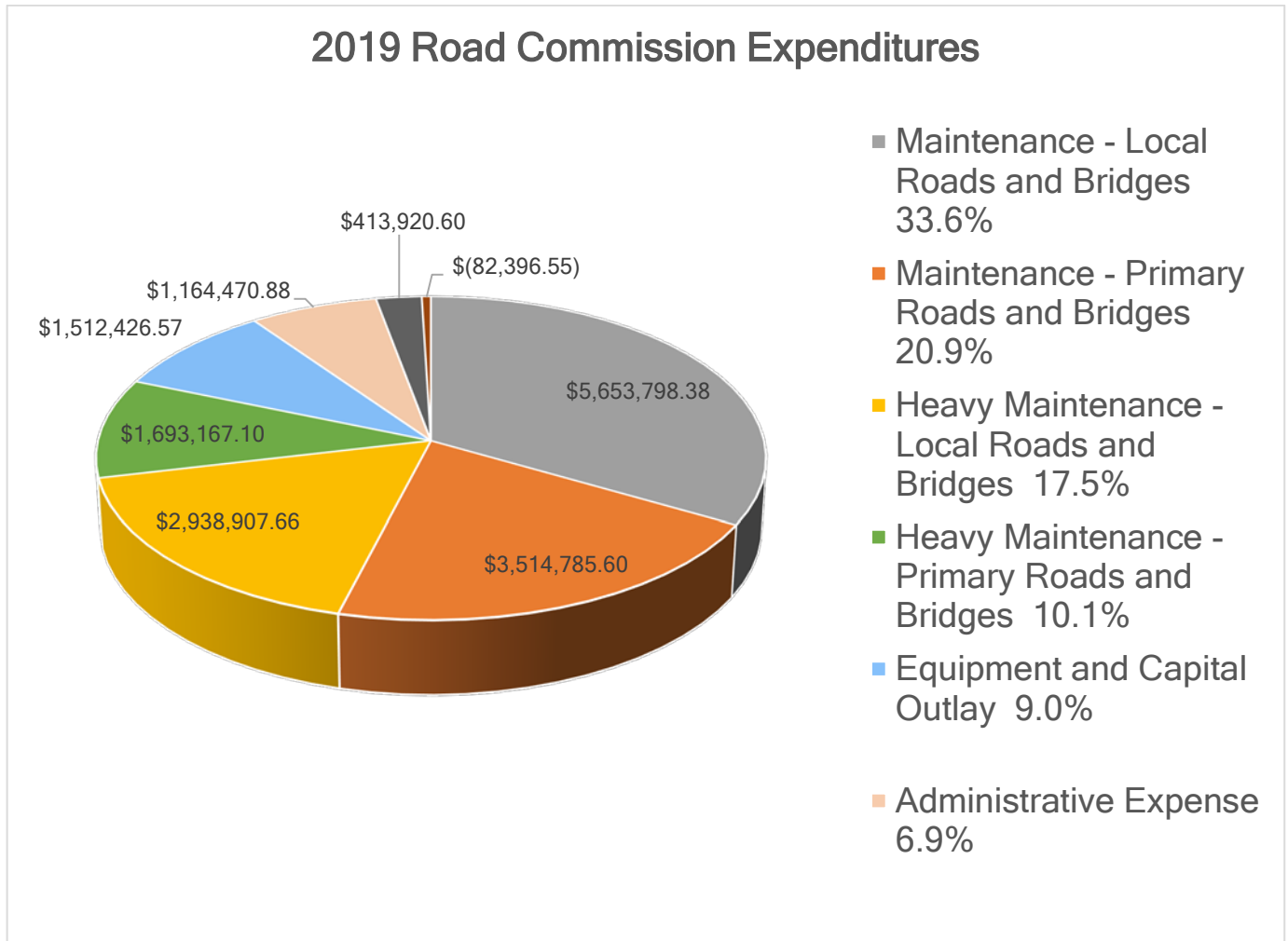
In 1978, the citizens of Van Buren County passed a ballot proposal for a Countywide Road Millage. The Van Buren County Road Commission receives a distribution from the millage funds, together with all cities and villages in Van Buren County. These millage funds are not spent on routine maintenance activities, but on road improvements.

Millage funds received by the Road Commission are first utilized to leverage Federal and State funds to do larger, more expensive road and bridge projects. Projects that qualify for Federal and/or State Aid are typically paid at a rate of 80% Federal/State funds, and 20% Local Funds (or 90% / 10% for safety projects). By taking advantage of this funding, when available, the Road Commission is able to accomplish many projects it would likely never accomplish without countywide millage funds. Millage funds are also used to accomplish many other annual improvements and upgrades to the county-wide road system through a selection process that takes into consideration asset management, budget constraints, traffic volumes and township priorities.



EXPENDITURES

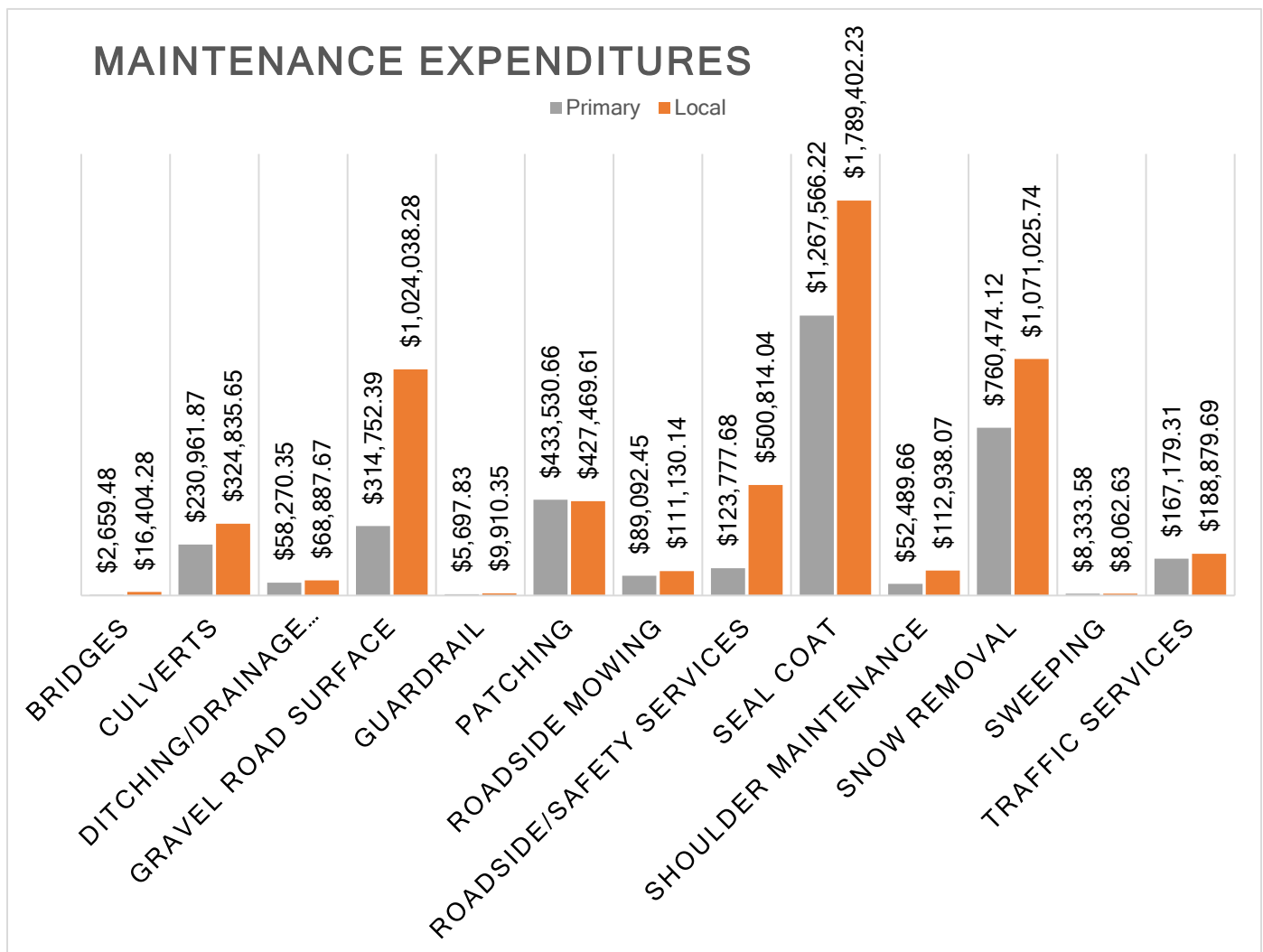
The Board of County Road Commissioners, as well as the employees of the Road Commission, are dedicated to maintaining and repairing the roads within Van Buren County. The following chart shows how the dollars received by the Road Commission are used.



As previously explained, the needs of the road and bridge system within Van Buren County far exceed the funding received. The Board of County Road Commissioners and Road Commission employees must prioritize activities to best maintain and repair the road and bridge network. Often these maintenance or repair activities are not complete solutions for the problem, as the solution would be unattainable without increased funding.

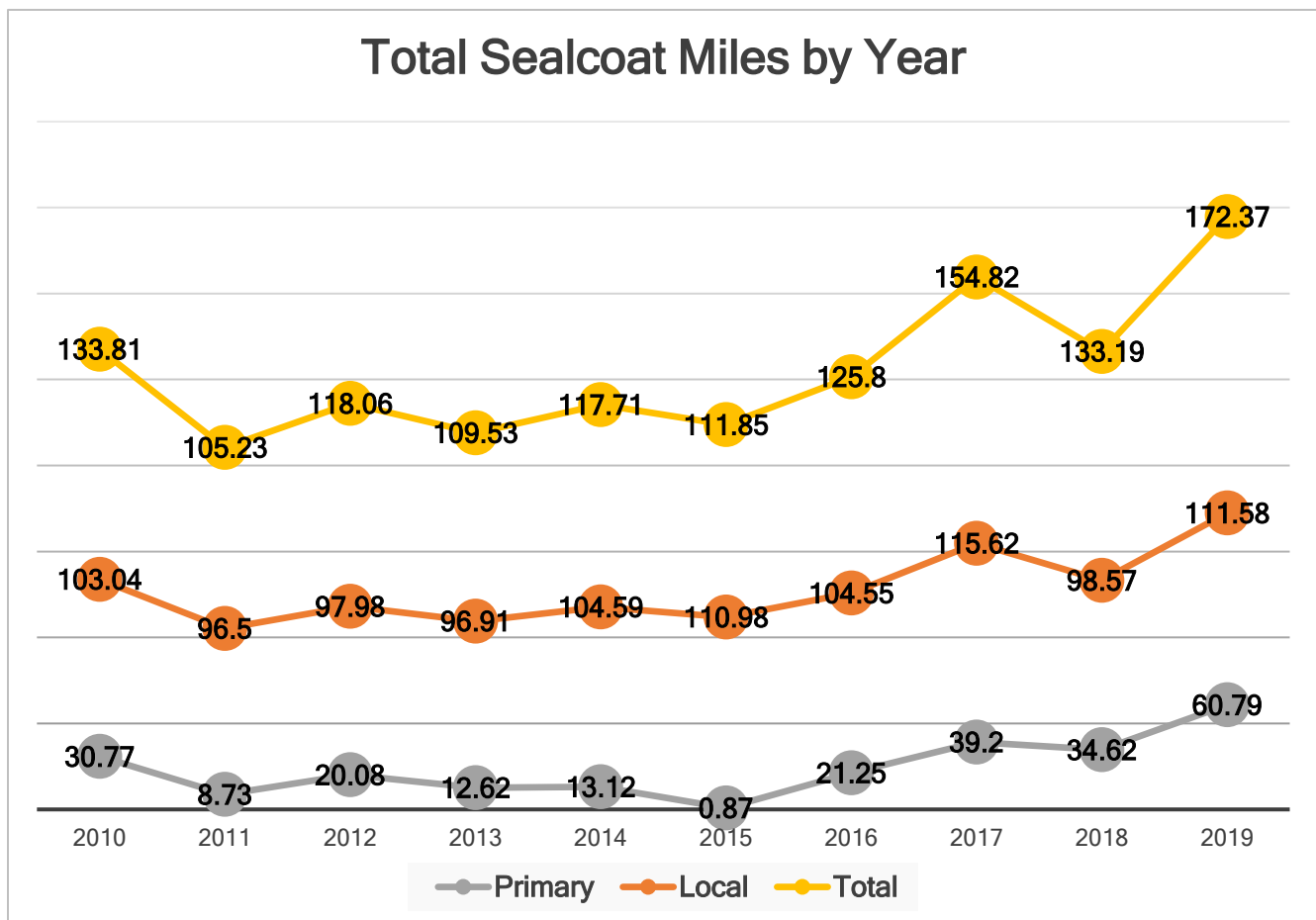
EXPENDITURES CONTINUED

Maintenance activities account for the largest expenditure for the Van Buren County Road Commission. Routine maintenance operations are performed by the Road Commission on all Act 51 certified roads within our jurisdiction, including primary and local roads, as well as roadways within certified subdivisions. The Van Buren County Road Commission and its Township Partners are in close contact throughout the year to improve the quality and safety of our roads, determine maintenance priorities, and discuss various road related issues. This partnership helps to make decisions that represent the interest of the entire county and ensures that the needs of one community are not placed above another. The following shows the maintenance expenditures by type and by primary or local road designation.



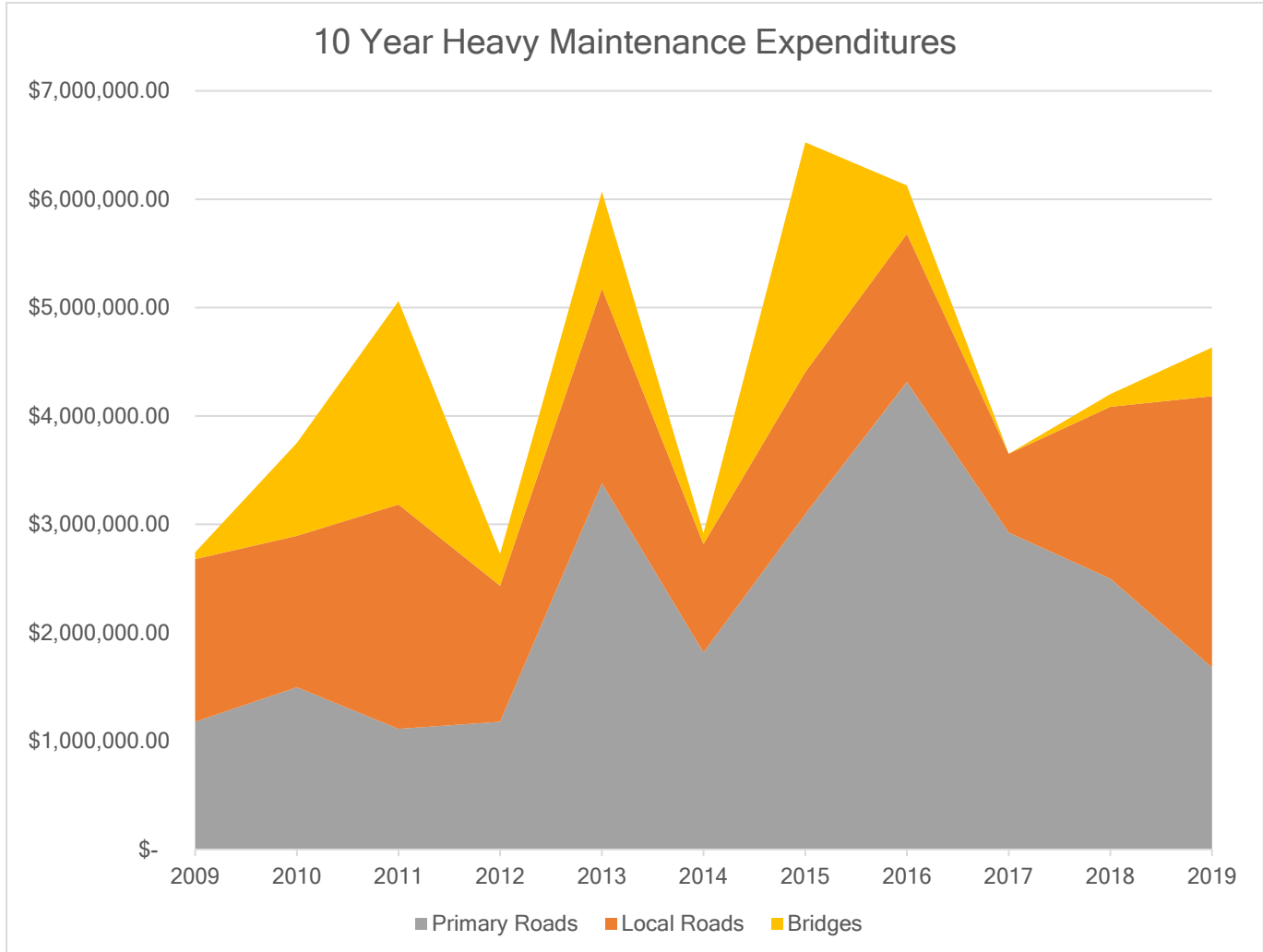
EXPENDITURES CONTINUED

Preventative Maintenance consists of planned activities to extend pavement life for roads in “good” and “fair” condition, as well as to keep roads in “poor” condition from becoming worse, until a longer-term solution can be funded. Sealcoat is a Preventative Maintenance application which protects the road surface from deterioration and prolongs the surface life of the asphalt. This treatment is the most cost-effective Preventative Maintenance application that we utilize to preserve our road system. Sealcoat is performed by spraying a thin layer of liquid asphalt and covering it with a single layer of crushed slag (stone). This Preventative Maintenance application typically protects roads 4-6 years when applied to a road in “good” and “fair” condition, and 1-4 years when applied to a road in “poor” condition. The Road Commission and the 18 townships regularly utilize sealcoat to preserve our road system.



EXPENDITURES CONTINUED

Heavy Maintenance improvements accounted for 27.6% of annual expenditures in 2019, which totaled \$4.6 million. The investment in road and bridge improvements plays an important role in the overall condition of the road and bridge network in Van Buren County. These Heavy Maintenance projects are longer term repairs as compared to preventative maintenance. These projects include asphalt overlays (paving), crush (grind existing pavement and re-grade and compact) and shape followed by paving, drainage repairs, mill and repave (grinding off the top layer of asphalt), reconstruction, large culvert replacements, bridge rehabilitation, bridge structure replacement, or a combination of these treatments.



EXPENDITURES CONTINUED

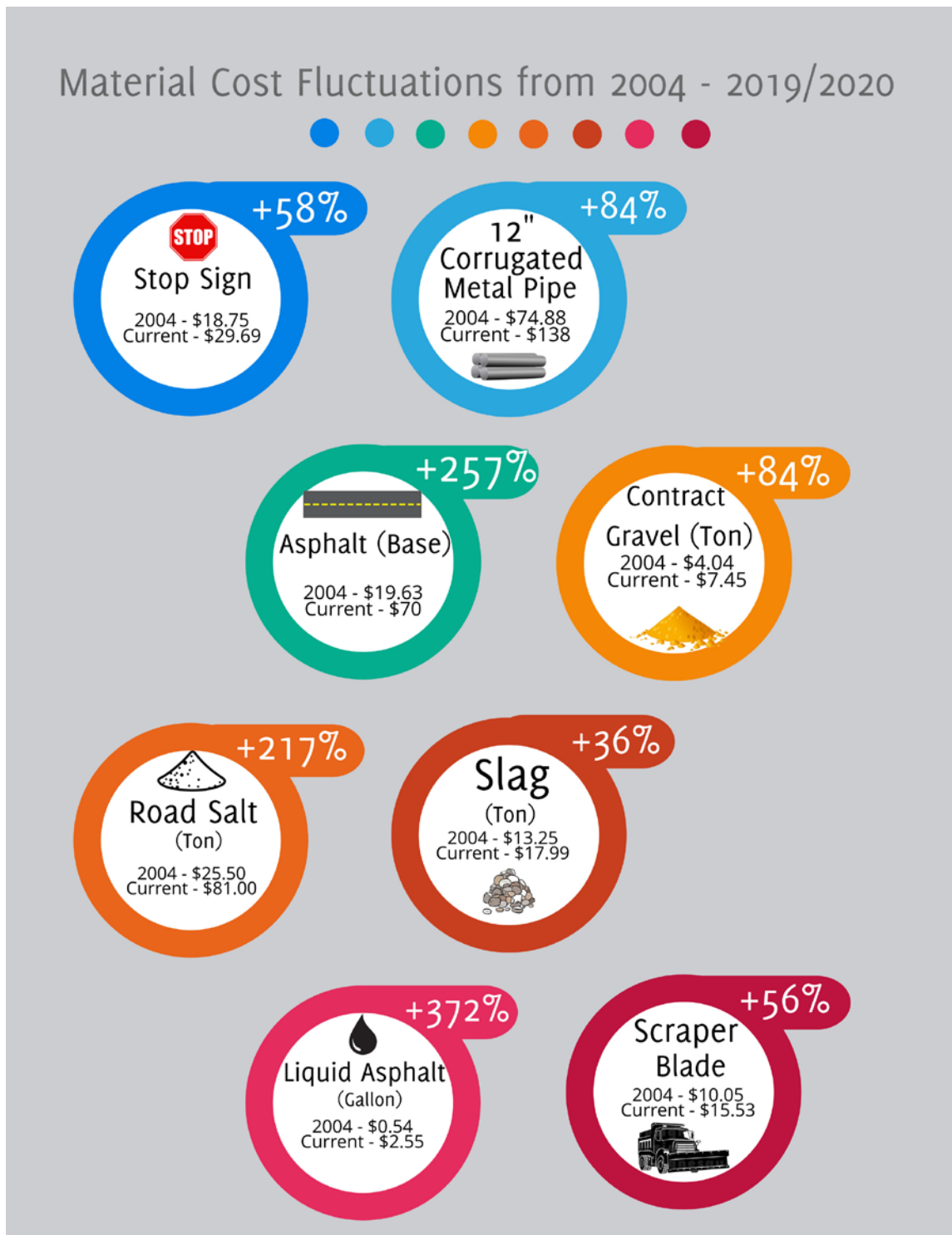
The following information shows the cost of several types of road preventative maintenance or heavy maintenance improvement options utilized by the Van Buren County Road Commission.

Type of Treatment	Estimated Cost per Mile (As of the 2020 construction season)
Crack Seal	\$5,000
Seal Coat	\$25,000
Gravel Resurfacing	\$25,000
Ultrathin Overlay	\$80,000
Structural Overlay	\$120,000
Mill and Overlay	\$150,000
Crush, Shape, Repave	\$450,000
Reconstruction	\$1,000,000
Bridge Preventative Maintenance	\$95,000
Bridge Rehabilitation	\$100,000-250,000
Bridge Structure Replacement	\$800,000-\$1,000,000+

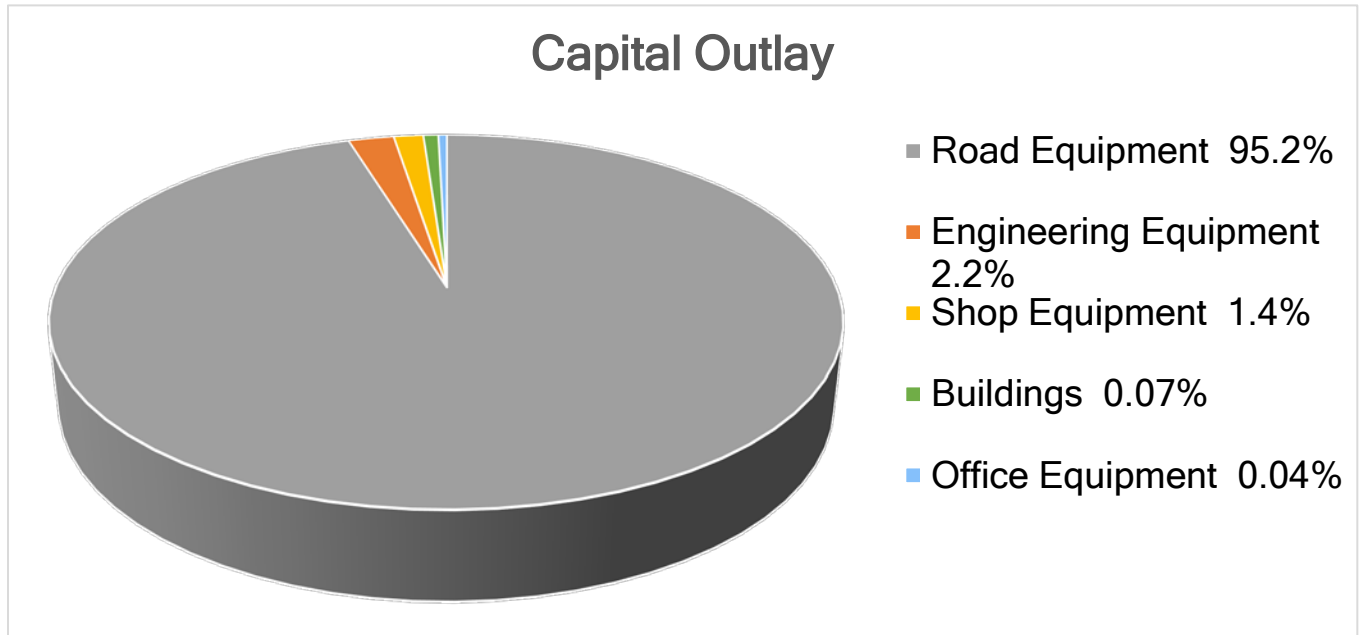
The costs of preventative and heavy maintenance projects vary greatly depending on the needs of the road work being proposed. If preventative maintenance can be utilized effectively, the cost-benefit ratio is the highest of any choice. Roads deteriorated past the point of preventative maintenance are far more expensive to repair. As such, the Road Commission must work to apply preventative maintenance as much as possible to prevent the need for more expensive repairs in the future.

EXPENDITURES CONTINUED

Over the last 15 years, the cost of materials has escalated substantially. The increased cost of necessary materials, as well as decreased revenues over most of the same period, attribute to reduced project completion and deteriorating road conditions.



EXPENDITURES CONTINUED



In order to maintain the Road Commission's fleet and facilities, the Road Commission must expend dollars for capital outlay. In 2019 the gross capital outlay was \$2.2 million, with 95.2% of expenditures being on road equipment. The chart above shows the allocation of these expenditures by type, and the chart below shows the details within each category.

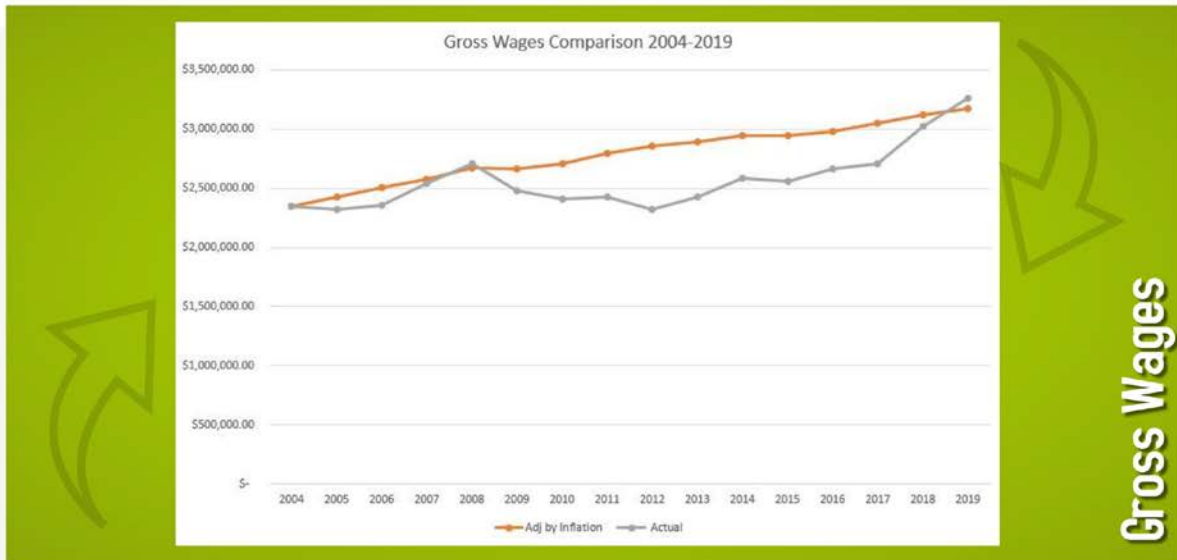
Road Equipment		Buildings	
Tandem Trucks (5)	\$1,188,660.00	Generator	\$5,762.70
Gradall	\$421,553.82	Radiant Heaters	\$10,100.00
Loader	\$267,447.74	Shop	
Rollers for Graders (3)	\$117,226.00	Rough book Laptops (2)	\$5,307.20
Mowers (2)	\$36,427.00	Scanner	\$7,998.01
Build-up of F550	\$14,121.00	Pressure Washer (2)	\$14,090.00
Fleet Vehicles (3)	\$13,450.00	Calibrator	\$3,921.92
Welding Equipment	\$5,884.95	Engineering	
Tractor	\$5,818.65	GPS Survey System	\$27,296.00
Generator	\$4,893.30	Traffic Counters (12)	\$19,348.00
Equipment Radios (4)	\$2,411.70	Computers (2)	\$1,568.00
Trailer	\$1,874.99	Office	
Pole Saws (3)	\$1,874.16	Server Workstation	\$1,292.88
Power Broom	\$567.92	Computers (6)	\$2,836.97
Hydro Seeder	\$455.00	Filing Cabinets	\$4,999.90

EXPENDITURES CONTINUED

Wages are a necessary part of Road Commission operating expenses. The following graphic shows fluctuations in wages, as well as personnel numbers over the last 15 years.

Personnel Fluctuations 2004 to 2019/2020

Road Commission personnel have endured several changes from 2004 through 2019.



For many years, gross wages did not keep up with the rate of inflation as shown in the graph above.

**Number of
Union Personnel**

-9.3%

Additionally, less personnel are handling more job duties within our organization. Declining funding required these changes and staff members have excelled in keeping up with additional duties and tasks.

**Number of
Non-Union Personnel**

-21.05%

As time progresses, additional staff will need to be brought onboard to keep up with the demands being placed upon the Road Commission.

PUBLIC WORKS ANNUAL REPORT

Van Buren County Board of Public Works 2019 Annual Report

Reginald D. Boze
Gregory H. Kinney
Douglas Burleson
W. C. Askew, Sr.
Geoff Moffat

Chairperson
Vice-Chairman
Secretary
Member
Member

PUBLIC WORKS ANNUAL REPORT CONTINUED

Van Buren County Department of Public Works
Sanitary Sewage Disposal Debt Service Funds
Combining Statement of Revenues, Expenditures & Changes in Fund Balances

	Paw Paw Village No. 6	Lawton Village Water Sewer	Sister Lakes Sewer Refunding
REVENUE			
Local Contributions	\$ 77,618.75	\$ 116,293.75	\$ 453,165.00
Bond Revenue	\$ -	\$ -	\$ -
Accrued Interest	\$ -	\$ -	\$ -
Capital Interest	\$ -	\$ -	\$ -
TOTAL REVENUE	\$ 77,618.75	\$ 116,293.75	\$ 453,165.00
EXPENDITURES			
Bond Principal	\$ 75,000.00	\$ 115,000.00	\$ 430,000.00
Interest	\$ 1,968.75	\$ 1,293.75	\$ 22,465.00
Bank Fees	\$ 650.00	\$ -	\$ 700.00
TOTAL EXPEND.	\$ 77,618.75	\$ 116,293.75	\$ 453,165.00
Excess Revenues Over/Under Expend.	\$ -	\$ -	\$ -
Beginning Balance	\$ -	\$ -	\$ -
Transfer	\$ -	\$ -	\$ -
End of Balance	\$ -	\$ -	\$ -

	2014 South Haven/Casco Water/Sewer	City of Hartford	Covert Refunding 2013	Total
REVENUE				
Local Contributions	\$ 490,722.50	\$ 33,665.00	\$ 790,600.00	\$ 1,962,065.00
Bond Revenue	\$ -	\$ -	\$ -	\$ -
Accrued Interest	\$ -	\$ -	\$ -	\$ -
Capital Interest	\$ -	\$ -	\$ -	\$ -
TOTAL REVENUE	\$ 490,722.50	\$ 33,665.00	\$ 790,600.00	\$ 1,962,065.00
EXPENDITURES				
Bond Principal	\$ 480,000.00	\$ 30,000.00	\$ 710,000.00	\$ 1,840,000.00
Interest	\$ 10,222.50	\$ 3,165.00	\$ 80,337.50	\$ 119,452.50
Bank Fees	\$ 500.00	\$ 500.00	\$ 262.50	\$ 2,612.50
TOTAL EXPEND.	\$ 490,722.50	\$ 33,665.00	\$ 790,600.00	\$ 1,962,065.00
Excess Revenues Over/Under Expend.	\$ -	\$ -	\$ -	\$ -
Beginning Balance	\$ -	\$ -	\$ -	\$ -
Transfer	\$ -	\$ -	\$ -	\$ -
End of Balance	\$ -	\$ -	\$ -	\$ -

PUBLIC WORKS ANNUAL REPORT CONTINUED

Van Buren County Board of Public Works Listing of Outstanding Debt (Principal Only)

	Amount of Issue Original / Refinanced	Principal Amount Remaining As of 12/31/18	Principal Amount Remaining As of 12/31/19	Bond Term
Paw Paw #6	\$ 750,000.00	\$ 75,000.00	\$ -	2019
Lawton Village Wastewater	\$ 1,900,000.00	\$ 115,000.00	\$ -	2019
Sister Lakes Sewer Refunding	\$ 4,905,000.00	\$ 845,000.00	\$ 415,000.00	2020
Casco/South Haven 2014 Refunding	\$ 3,020,000.00	\$ 945,000.00	\$ 465,000.00	2020
City of Hartford	\$ 425,000.00	\$ 60,000.00	\$ 30,000.00	2020
Covert Refunding 2013	\$ 7,670,000.00	\$ 3,535,000.00	\$ 2,825,000.00	2024
	<u>\$ 18,670,000.00</u>	<u>\$ 5,575,000.00</u>	<u>\$ 3,735,000.00</u>	

TOWNSHIP SUMMARIES

Van Buren County is divided into 18 Townships. The Road Commission and officials from each Township work together to determine the needs of the road system throughout the County.

The next page (page 29) shows the break down County-wide expenses dedicated to Heavy Maintenance and Routine and Special Maintenance on the County-wide road and bridge system.

Pages 30-47 break down expenditures on Heavy Maintenance and Routine and Special Maintenance by each Township. These expenditures vary based upon road needs and available funding within each Township. As a whole the Townships contributed \$4.2 million towards road projects in 2019. Those projects were selected by each respective Township.

TOWNSHIP SUMMARIES CONTINUED

County Wide Totals			
	Road Miles		
Primary	347.06	Local	979.99
Heavy Maintenance			
Primary Road Heavy Maintenance			\$ 1,678,757.61
Local Road Heavy Maintenance			\$ 2,503,941.26
Primary Bridge Heavy Maintenance			\$ 14,409.49
Local Bridge Heavy Maintenance			\$ 434,966.40
Total Heavy Maintenance			\$ 4,632,074.76
General Maintenance			
Primary Road			
General Maintenance			\$ 864,243.35
Snow and Ice Control			\$ 760,474.12
Special Maintenance	\$	1,741,349.57	
County Wide Pavement Marking	\$	119,980.48	
County Wide Brush Spray	\$	26,078.60	
Total Special Maintenance			\$ 1,887,408.65
Bridge Maintenance			\$ 2,659.48
Local Road			
General Maintenance			\$ 1,466,342.53
Snow and Ice Control			\$ 1,071,025.74
Special Maintenance	\$	3,011,787.46	
County Wide Pavement Marking	\$	78,667.20	
County Wide Brush Spray	\$	9,571.17	
Total Special Maintenance			\$ 3,100,025.83
Bridge Maintenance			\$ 16,404.28
Total Routine and Special Maintenance			\$ 9,168,583.98
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 1,693,167.10
Local Heavy Roads and Bridges			\$ 2,938,907.66
Primary Maintenance			\$ 3,514,785.60
Local Maintenance			\$ 5,653,798.38
Total 2019 Road and Bridge Investment			\$ 13,800,658.74

TOWNSHIP SUMMARIES CONTINUED

Almena Township			
		Road Miles	
Primary	15.43	Local	66.32
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 22,593.91
Snow and Ice Control			\$ 27,126.59
Special Maintenance			\$ 111,499.41
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 129,800.58
Snow and Ice Control			\$ 74,868.42
Special Maintenance			\$ 104,676.97
Bridge Maintenance			\$ 4,937.24
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ -
Primary Maintenance			\$ 161,219.91
Local Maintenance			\$ 314,283.21
Total 2019 Road and Bridge Investment			\$ 475,503.12

TOWNSHIP SUMMARIES CONTINUED

Antwerp Township			
		Road Miles	
Primary	22.46	Local	67.39
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 653	Red Arrow Hwy to I94	Design	\$ 11,466.35
Red Arrow Hwy	26th Street to 28th Street	Reconstruction	\$ 41,178.17
Local Road Heavy Maintenance			
Long Grove Subdivision		Overlay	\$ 152,684.65
32nd Street	66th Avenue to M-40	Overlay	\$ 160,122.77
Deep Woods Drive	E of 30th Street	Overlay	\$ 37,632.26
Martha's Vineyard		Overlay	\$ 56,928.23
63rd Avenue	Drape Road to CR 652	Overlay	\$ 144,255.86
30th Street	60th Avenue to 62nd Avenue	Overlay	\$ 68,389.27
62nd Avenue	at M-40	Intersection Realignment	\$ 110,750.34
Primary Bridge Heavy Maintenance			
CR 653	Between 56th Avenue and M-40	2020 Preventative Maintenance	\$ 2,468.62
Local Bridge Heavy Maintenance			
63rd Avenue	Between 26th Street and Drape Road	New Bridge Installation	\$ 176,220.96
Maintenance			
Primary Road			
General Maintenance			\$ 71,921.63
Snow and Ice Control			\$ 55,804.99
Special Maintenance			\$ 74,422.57
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 66,344.44
Snow and Ice Control			\$ 117,696.35
Special Maintenance			\$ 7,432.48
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 55,113.14
Local Heavy Roads and Bridges			\$ 906,984.34
Primary Maintenance			\$ 202,149.19
Local Maintenance			\$ 191,473.27
Total 2019 Road and Bridge Investment			\$ 1,355,719.94

TOWNSHIP SUMMARIES CONTINUED

Arlington Township			
		Road Miles	
Primary	17.91	Local	54.33
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
50th Street	28th Avenue to 24th Avenue	Clearing and Ditching	\$ 175,026.53
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
48th Avenue	Between 48th Street and 45th Street	2020 Preventative Maintenance	\$ 2,457.89
Maintenance			
Primary Road			
General Maintenance			\$ 55,219.49
Snow and Ice Control			\$ 40,166.94
Special Maintenance			\$ 140,453.30
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 113,200.70
Snow and Ice Control			\$ 57,478.08
Special Maintenance			\$ 159,413.07
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ 177,484.42
Primary Maintenance			\$ 235,839.73
Local Maintenance			\$ 330,091.85
Total 2019 Road and Bridge Investment			\$ 743,416.00

TOWNSHIP SUMMARIES CONTINUED

Bangor Township			
		Road Miles	
Primary	18.5	Local	62.78
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 376	CR 681 to 42nd Avenue	Top Course Asphalt	\$ 238,779.41
Local Road Heavy Maintenance			
68th Street	48th Avenue to CR 376	Overlay	\$ 131,462.76
62nd Street	CR 378 to 36th Avenue	Overlay	\$ 162,505.16
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 68,291.78
Snow and Ice Control			\$ 36,913.65
Special Maintenance			\$ 44,608.23
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 105,854.76
Snow and Ice Control			\$ 57,679.14
Special Maintenance			\$ 195,153.54
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 238,779.41
Local Heavy Roads and Bridges			\$ 293,967.92
Primary Maintenance			\$ 149,813.66
Local Maintenance			\$ 358,687.44
Total 2019 Road and Bridge Investment			\$ 1,041,248.43

TOWNSHIP SUMMARIES CONTINUED

Bloomington Township			
		Road Miles	
Primary	22.35	Local	57.14
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 388	Between 12th Ave & 14th Ave	Culvert Replacement	\$ 116,819.06
Local Road Heavy Maintenance			
40th Street	10th Ave to 4th Ave & 10th Ave from 40th St	Overlay	\$ 175,140.02
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 57,499.97
Snow and Ice Control			\$ 40,606.50
Special Maintenance			\$ 29,370.62
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 61,879.14
Snow and Ice Control			\$ 46,685.38
Special Maintenance			\$ 172,975.44
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 116,819.06
Local Heavy Roads and Bridges			\$ 175,140.02
Primary Maintenance			\$ 127,477.09
Local Maintenance			\$ 281,539.96
Total 2019 Road and Bridge Investment			<u>\$ 700,976.13</u>

TOWNSHIP SUMMARIES CONTINUED

Columbia Township			
		Road Miles	
Primary	28.65	Local	62.74
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 380	Breedsville E to Bdale Twp Line	Survey, Design and Trees	\$ 164,632.76
CR 380	CR 681 to Breedsville	Trench, widen, drainage and	\$ 511,201.90
CR 388	W of 47 1/2 Street	base pave	\$ 45,267.52
		Cross pipe Replacement	
Local Road Heavy Maintenance			
14th Avenue	W of CR 215	Railroad Crossing Work	\$ 134,559.96
Primary Bridge Heavy Maintenance			
Local Bridge Heavy Maintenance			
47 1/2 Street	Over Melvin Creek	New Structure	\$ 42,663.86
Maintenance			
Primary Road			
General Maintenance			\$ 131,148.73
Snow and Ice Control			\$ 53,501.38
Special Maintenance			\$ 6,337.96
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 96,007.28
Snow and Ice Control			\$ 62,373.93
Special Maintenance			\$ 155,006.61
Bridge Maintenance			\$ 250.91
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 721,102.18
Local Heavy Roads and Bridges			\$ 177,223.82
Primary Maintenance			\$ 190,988.07
Local Maintenance			\$ 313,638.73
Total 2019 Road and Bridge Investment			\$ 1,402,952.80

TOWNSHIP SUMMARIES CONTINUED

Covert Township			
		Road Miles	
Primary	19.05	Local	50.89
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
34th Avenue	Between M-140 and 76th Street	Box Culvert CO from 2018	\$ 69.55
34th Avenue	Between 70th Street and 72nd Street	Box Culvert CO from 2018	\$ 6,531.23
75th Street	North of 30th Avenue	Crosspipe Repl CO from 2018	\$ 69.55
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 16,144.08
Snow and Ice Control			\$ 57,727.52
Special Maintenance			\$ 223,763.72
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 48,964.67
Snow and Ice Control			\$ 56,076.48
Special Maintenance			\$ 187,339.18
Bridge Maintenance			\$ 6,386.22
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ 6,670.33
Primary Maintenance			\$ 297,635.32
Local Maintenance			\$ 298,766.55
Total 2019 Road and Bridge Investment			\$ 603,072.20

TOWNSHIP SUMMARIES CONTINUED

Decatur Township			
		Road Miles	
Primary	15.27	Local	49.73
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
41st Street	CR 352 to 88th Avenue	Base Pave	\$ 83,701.58
36th Street	96th Avenue to 92nd Avenue	Survey for Alignment and tree removals	\$ 3,673.53
45th Street	M-51 to Lagoon Road	Survey for Alignment and ROW	\$ 1,618.16
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 61,785.37
Snow and Ice Control			\$ 31,897.86
Special Maintenance			\$ -
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 80,877.42
Snow and Ice Control			\$ 54,808.31
Special Maintenance			\$ 107,263.30
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ 88,993.27
Primary Maintenance			\$ 93,683.23
Local Maintenance			\$ 242,949.03
Total 2019 Road and Bridge Investment			<u>\$ 425,625.53</u>

TOWNSHIP SUMMARIES CONTINUED

Geneva Township			
		Road Miles	
Primary	24.71	Local	54.33
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
59th Street	4th Avenue to CR 388	Top Course Paving	\$ 67,478.44
22nd Avenue	68th Street to 69th Street	Final Grade and Base Pave	\$ 83,486.18
Primary Bridge Heavy Maintenance			
CR 388	Between 68th Street and 70th Street	2020 Preventative Maintenance	\$ 3,233.71
Local Bridge Heavy Maintenance			
70th Street	Between Baseline Rd 2nd Avenue	2020 Preventative Maintenance	\$ 3,456.07
Maintenance			
Primary Road			
General Maintenance			\$ 34,336.72
Snow and Ice Control			\$ 45,148.59
Special Maintenance			\$ 118,116.13
Bridge Maintenance			\$ 2,276.25
Local Road			
General Maintenance			\$ 69,827.33
Snow and Ice Control			\$ 49,375.46
Special Maintenance			\$ 207,643.15
Bridge Maintenance			\$ 4,829.91
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 3,233.71
Local Heavy Roads and Bridges			\$ 154,420.69
Primary Maintenance			\$ 199,877.69
Local Maintenance			\$ 331,675.85
Total 2019 Road and Bridge Investment			<u>\$ 689,207.94</u>

TOWNSHIP SUMMARIES CONTINUED

Hamilton Township			
		Road Miles	
Primary	20.23	Local	41.69
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
56th Street	S of CR 360	Crosspipe Replacement	\$ 47,550.09
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 25,147.75
Snow and Ice Control			\$ 39,659.72
Special Maintenance			\$ 53,530.47
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 58,490.30
Snow and Ice Control			\$ 37,721.88
Special Maintenance			\$ 101,277.56
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ 47,550.09
Primary Maintenance			\$ 118,337.94
Local Maintenance			\$ 197,489.74
Total 2019 Road and Bridge Investment			\$ 363,377.77

TOWNSHIP SUMMARIES CONTINUED

Hartford Township			
		Road Miles	
Primary	15.66	Local	48.69
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
Red Arrow Hwy	Between Springdale and 62nd Street	2020 Preventative Maintenance	\$ 4,565.56
Red Arrow Hwy	Between 67 1/2 Street and 66th Street	2020 Preventative Maintenance	\$ 4,141.60
Local Bridge Heavy Maintenance			
70th Street	Between Red Arrow Hwy and 56th Avenue	2020 Preventative Maintenance	\$ 2,184.19
Maintenance			
Primary Road			
General Maintenance			\$ 36,800.73
Snow and Ice Control			\$ 27,356.00
Special Maintenance			\$ -
Bridge Maintenance			\$ 383.23
Local Road			
General Maintenance			\$ 43,276.70
Snow and Ice Control			\$ 49,032.45
Special Maintenance			\$ 509,798.24
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 8,707.16
Local Heavy Roads and Bridges			\$ 2,184.19
Primary Maintenance			\$ 64,539.96
Local Maintenance			\$ 602,107.39
Total 2019 Road and Bridge Investment			\$ 677,538.70

TOWNSHIP SUMMARIES CONTINUED

Keeler Township			
		Road Miles	
Primary	18.48	Local	54.57
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 687	I-94 to CR 352	Crush, Shape, Trench, Widen and Resurface Drainage Correction	\$ 65,331.76
CR 687	Burnette Foods to 90th Avenue		\$ 256,901.22
CR 352	Roosevelt Farms to 60th Street		\$ 1,728.33
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 42,973.43
Snow and Ice Control			\$ 46,424.59
Special Maintenance			\$ -
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 112,484.06
Snow and Ice Control			\$ 72,587.28
Special Maintenance			\$ 181,609.47
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 323,961.31
Local Heavy Roads and Bridges			\$ -
Primary Maintenance			\$ 89,398.02
Local Maintenance			\$ 366,680.81
Total 2019 Road and Bridge Investment			\$ 780,040.14

TOWNSHIP SUMMARIES CONTINUED

Lawrence Township				
		Road Miles		
Primary	26.56	Local		51.34
Road Projects				
Road Name	Road Segment	Project Scope	2019 Cost	
Primary Road Heavy Maintenance				
CR 374	Red Arrow Hwy to 48th St	Culvert Replacement	\$	32,495.56
CR 374	Red Arrow Hwy to 45th St	Survey, Design and Trees	\$	553.38
Local Road Heavy Maintenance				
None				
Primary Bridge Heavy Maintenance				
None				
Local Bridge Heavy Maintenance				
72nd Avenue	CR 215 and 52nd Street	Bridge PM	\$	2,973.08
Maintenance				
Primary Road				
General Maintenance			\$	69,630.04
Snow and Ice Control			\$	62,331.25
Special Maintenance			\$	292,943.14
Bridge Maintenance			\$	-
Local Road				
General Maintenance			\$	78,523.95
Snow and Ice Control			\$	60,397.48
Special Maintenance			\$	172,655.85
Bridge Maintenance			\$	-
2019 Township Summary				
Primary Heavy Roads and Bridges			\$	33,048.94
Local Heavy Roads and Bridges			\$	2,973.08
Primary Maintenance			\$	424,904.43
Local Maintenance			\$	311,577.28
Total 2019 Road and Bridge Investment			\$	772,503.73

TOWNSHIP SUMMARIES CONTINUED

Paw Paw Township			
		Road Miles	
Primary	22.16	Local	60.41
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 665	M-40 to 60th Avenue	Reconstruction	\$ 123,701.55
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance			\$ 51,917.96
Snow and Ice Control			\$ 58,195.90
Special Maintenance			\$ 115,612.91
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 87,553.63
Snow and Ice Control			\$ 83,652.76
Special Maintenance			\$ 235,833.87
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 123,701.55
Local Heavy Roads and Bridges			\$ -
Primary Maintenance			\$ 225,726.77
Local Maintenance			\$ 407,040.26
Total 2019 Road and Bridge Investment			\$ 756,468.58

TOWNSHIP SUMMARIES CONTINUED

Pine Grove Township			
		Road Miles	
Primary	15.81	Local	56.48
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
5th Avenue	Between 23 1/2 Street and 22nd Street	2020 Preventative Maintenance	\$ 1,518.74
Maintenance			
Primary Road			
General Maintenance			\$ 31,446.72
Snow and Ice Control			\$ 31,013.29
Special Maintenance			\$ 131,330.60
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 79,452.65
Snow and Ice Control			\$ 66,934.58
Special Maintenance			\$ 167,400.00
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ -
Local Heavy Roads and Bridges			\$ 1,518.74
Primary Maintenance			\$ 193,790.61
Local Maintenance			\$ 313,787.23
Total 2019 Road and Bridge Investment			\$ 509,096.58

TOWNSHIP SUMMARIES CONTINUED

Porter Township			
Road Miles			
Primary	19.86	Local	51.91
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
None			
Local Road Heavy Maintenance			
None			
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
None			
Maintenance			
Primary Road			
General Maintenance		\$	33,270.71
Snow and Ice Control		\$	38,080.46
Special Maintenance		\$	40,376.95
Bridge Maintenance		\$	-
Local Road			
General Maintenance		\$	67,337.89
Snow and Ice Control		\$	49,050.25
Special Maintenance		\$	168,915.70
Bridge Maintenance		\$	-
2019 Township Summary			
Primary Heavy Roads and Bridges		\$	-
Local Heavy Roads and Bridges		\$	-
Primary Maintenance		\$	111,728.12
Local Maintenance		\$	285,303.84
Total 2019 Road and Bridge Investment		\$	397,031.96

TOWNSHIP SUMMARIES CONTINUED

South Haven Township			
		Road Miles	
Primary	15.44	Local	33.53
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
Blue Star Hwy		Close out	\$ 16.48
Local Road Heavy Maintenance			
8th Avenue	Blue Star Hwy to I-196	Reconstruction	\$ 504,794.70
Evergreen Bluff	Kassian Cr, Allen Ct	Mill and Pave	\$ 181,269.13
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
71 1/2 Street	Between Baseline and 2nd Avenue	2020 Preventative Maintenance	\$ 4,934.48
Maintenance			
Primary Road			
General Maintenance			\$ 33,626.61
Snow and Ice Control			\$ 42,541.36
Special Maintenance			\$ 358,983.56
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 69,504.29
Snow and Ice Control			\$ 27,511.39
Special Maintenance			\$ 43,796.16
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 16.48
Local Heavy Roads and Bridges			\$ 690,998.31
Primary Maintenance			\$ 435,151.53
Local Maintenance			\$ 140,811.84
Total 2019 Road and Bridge Investment			\$ 1,266,978.16

TOWNSHIP SUMMARIES CONTINUED

Waverly Township			
		Road Miles	
Primary	8.53	Local	55.72
Road Projects			
Road Name	Road Segment	Project Scope	2019 Cost
Primary Road Heavy Maintenance			
CR 665	between 34th Avenue & 38th Ave	Culvert Replacement	\$ 68,684.16
Local Road Heavy Maintenance			
47th Avenue	Between 40th Street and 41st Street	Crosspipe Replacement	\$ 14,241.31
Primary Bridge Heavy Maintenance			
None			
Local Bridge Heavy Maintenance			
36th Avenue	at Brandywine Creek	New Structure Installation	\$ 198,557.13
Maintenance			
Primary Road			
General Maintenance			\$ 20,487.72
Snow and Ice Control			\$ 25,977.53
Special Maintenance			\$ -
Bridge Maintenance			\$ -
Local Road			
General Maintenance			\$ 96,962.74
Snow and Ice Control			\$ 47,096.12
Special Maintenance			\$ 133,596.87
Bridge Maintenance			\$ -
2019 Township Summary			
Primary Heavy Roads and Bridges			\$ 68,684.16
Local Heavy Roads and Bridges			\$ 212,798.44
Primary Maintenance			\$ 46,465.25
Local Maintenance			\$ 277,655.73
Total 2019 Road and Bridge Investment			<u>\$ 605,603.58</u>

ACT 51 AND AUDIT REPORTS

Public Act 51 of 1951, requires the annual reporting of all financial information to the State of Michigan. The reporting form (Act 51 Report), is designed, and monitored by the State of Michigan. The Van Buren County Road Commission contracts with the Department of Treasury for the annual audit. Information contained within the Road Commission's Act 51 has been verified by the State of Michigan, Department of Treasury's Auditor, Derek Hall.

The 2019 reports can be located on the Road Commission's website www.vbcrc.org under the financial compliance tab, or by following the links provided below.

Act 51 Report www.vbcrc.org/compliance

2019 Audit Report www.vbcrc.org/audits

Any questions regarding the Annual Report, Act 51 Report, or the Audit Report can be directed to the Road Commission's Finance and Human Resources Director, Linnea Rader at linnearader@vbcrc.org.