

103 YEARS OF SERVICE 1909 - 2012



River Street Bridge – Comstock Township

Your Local Road Professionals



Kalamazoo
County
Road
Commission

3801 East Kilgore Road • Kalamazoo, Michigan 49001
Telephone: (269) 381-3171 • Fax: (269) 381-1760
<http://www.kalamazoocountyroads.com>

Honorable Board of County Commissioners
County of Kalamazoo
Administrative Building
201 West Kalamazoo Avenue
Kalamazoo, Michigan 49007

Commissioners:

The one hundred fourth annual activities and financial report of the Board of County Road Commissioners of Kalamazoo County for the calendar year 2012 is herewith submitted in compliance with the provision of P.A. 283 of 1909, as amended.

Respectfully submitted,

Board of County Road Commissioners
of Kalamazoo County

Kent L. McCauley, Chairman

Daniel J. Moyle, Vice Chairman

Kenneth R. Oscarson, Member

Dennis J. Berkebille, Member

Jeffrie M. Maddox, Member

103 YEARS OF SERVICE

The Kalamazoo County Road Commission was formed by a vote of the people in 1909. Five county residents are appointed by the Kalamazoo County Board of Commissioners to serve staggered six-year terms as road commissioners. To better serve our County and local officials, each Road Commissioner has also been assigned as liaison to a township.

MEET THE 2012 ROAD COMMISSIONERS

Kent L. McCauley – Chairman

Mr. McCauley was appointed to the road commission in January 2007. He was elected Chairman of the Board in 2010, 2011 and served as Vice Chairman in 2009. A Vicksburg resident, he served on the School Board Foundation and United Way. He was active with the Vicksburg Village Council, Michigan Road Builders Association, American Underground Contractors, Michigan Asphalt and Paving Association, Michigan Aggregate Association and Parks & Recreation Commission. Mr. McCauley was a sales representative with Filmore Equipment Company until he moved to Butler Machinery Company in Grand Forks, ND. His term expired 12/31/2012. Township representation: Brady, Climax, and Pavilion townships. We thank him for his years of service.

Daniel J. Moyle – Vice Chairman

Mr. Moyle was appointed to the road commission in November 2007. A Texas Township resident, Mr. Moyle has many years of experience managing a company that maintained and constructed highways, roads and airports. He currently serves on the Environmental Health Advisory Council. Mr. Moyle is now retired from Globe Construction Company. His term expires 12/31/2018. Township representation: Alamo, Oshtemo, and Richland townships.

Kenneth R. Oscarson – Member

Mr. Oscarson was appointed to the commission in November 2007. He was elected Vice Chairman of the Board in 2010 and 2011. A Schoolcraft Township resident, Mr. Oscarson has worked with county road commissions for over 36 years as a professional engineer and has been active in municipal consulting for villages and townships. He has experience as a Planning Commissioner and Zoning and Building boards of appeals. Mr. Oscarson was most recently employed by Fleis & Vandenbrink. His term expires 12/31/2016. Township representation: Kalamazoo, Prairie Ronde, and Wakeshma townships.

Dennis J. Berkebille – Member

Mr. Berkebille was appointed to the road commission in January 2005 and served as Chairman in 2005 and 2006 and Vice Chairman in 2007 and 2008. He has been involved in community activities throughout his career, both in Indiana and Michigan. A Texas Township resident, he has been a member of the township's board, zoning board of appeal and planning commission. He serves as Chairman of the Michigan Works Board. He also serves on the Food Bank of South Central Michigan, Salvation Army, Hospital Hospitality House, the Youth for Christ and Portage Rotary boards. He also served on the Board of Directors of MRC Industries and Kalamazoo Area Transportation Study Policy Committee. Since 1996, Mr. Berkebille has been employed by Consumers Energy for whom currently serves as area manager. His term expires 12/31/2016. Township representation: Charleston, Schoolcraft, and Texas townships.

Jeffrie M. Maddox – Member

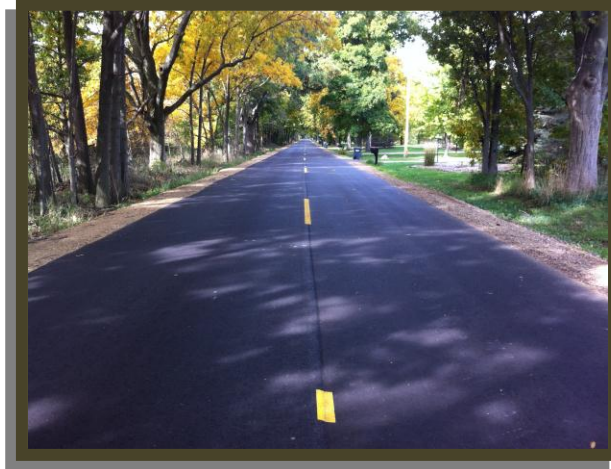
Mr. Maddox, a Galesburg resident, joined the commission in January 2005 and was reappointed in January 2009. He was elected Chairman of the Board in 2007, 2008 and 2009 and served as Vice Chairman in 2005 and 2006. Mr. Maddox was a member of the board of directors of the Home Builders Association of Greater Kalamazoo from 2001 - 2005. His career has included extensive sales and management experience. Mr. Maddox has been with Bel-Aire Heating & Air Conditioning since 1995. Currently, he is the company's Executive Vice President. His term expires 12/31/2014. Township representation: Comstock, Cooper, and Ross townships.



Daniel J. Moyle Kenneth R. Oscarson
Kent L. McCauley Jeffrie M. Maddox Dennis J. Berkebille

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E Avenue between Sprinkle Road and 28th Street – Richland Township

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One Hundred Fourth Annual Report of the Board of County Road Commissioners of Kalamazoo County, Michigan

For Calendar Year Ending December 31, 2012

Kent L. McCauley, Chairman
Daniel J. Moyle, Vice Chairman
Kenneth R. Oscarson, Member
Dennis J. Berkebille, Member
Jeffrie M. Maddox, Member

Joanna I. Johnson, Managing Director

FACTS AND FIGURES

Certified Miles

Township	Primary Miles	Local Miles
Alamo	31	39
Brady	32	44
Charleston	22	23
Climax	26	46
Comstock	44	75
Cooper	31	63
Kalamazoo	26	75
Oshtemo	43	75
Pavilion	27	48
Prairie Ronde	22	52
Richland	27	49
Ross	26	53
Schoolcraft	25	36
Texas	32	91
Wakeshma	25	48
Portage City	11	0
Primary road miles	449	
Local road miles		816
Gravel road miles		103
All-season road miles	288	



Grading C Avenue – Alamo Township

• County Bridge System

Bridges	60
Restricted Bridges	12
Closed Bridges	2

• Signs and Signals

Signs Posted	20,446
Stop Signs	2,395
Signalized Intersections	47
Intersections with Flashing Lights	41

• Project Summary 2012

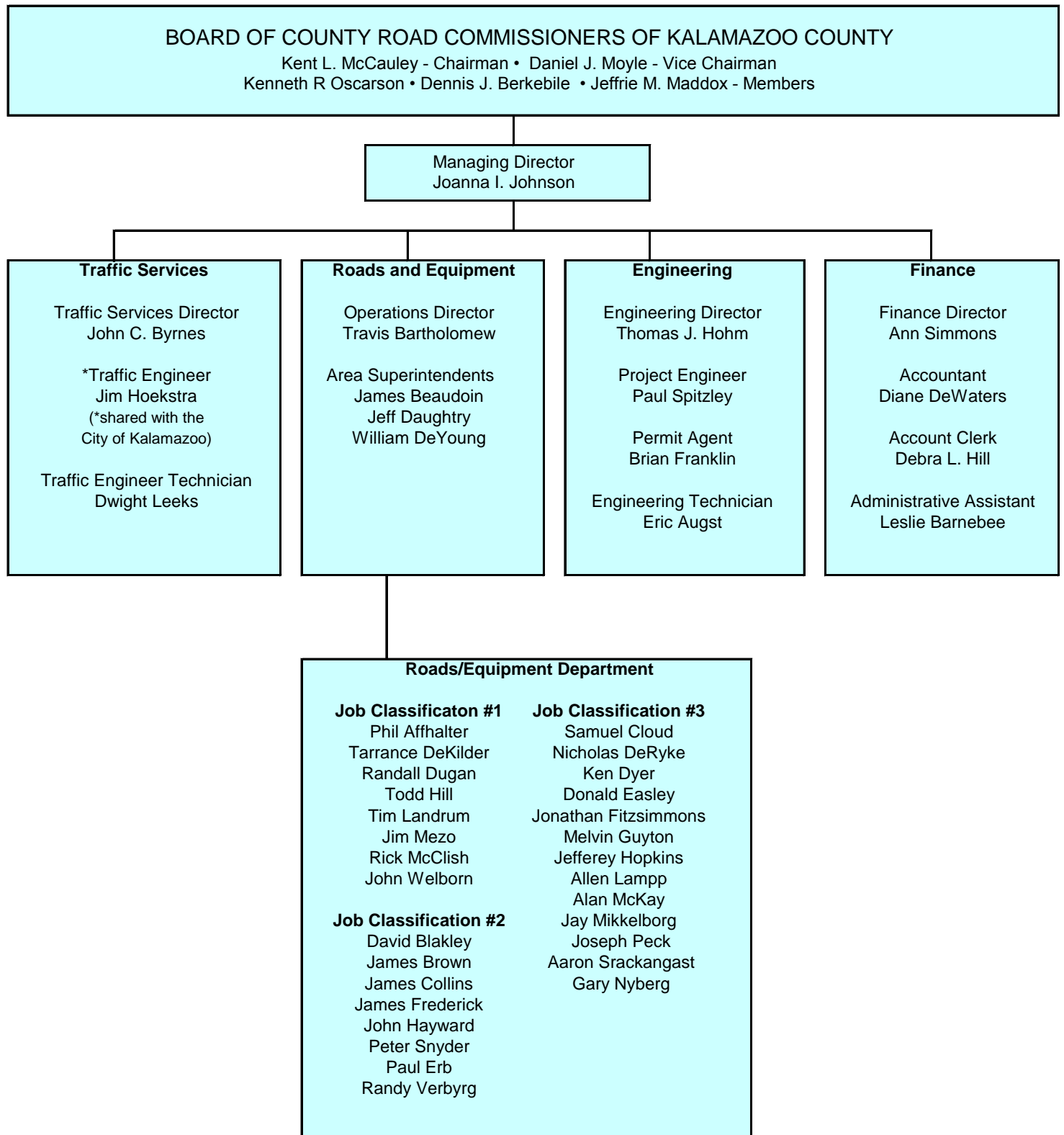
Miles of primary roads paved	13
Miles of primary roads chip sealed	75
Miles of local roads paved	10
Miles of local roads chip sealed	58
Miles of local roads regaveled	3



9th Street north of KL Avenue – Oshtemo Township

TABLE OF ORGANIZATION

December 2012





The goal of the Board of County Road Commissioners of Kalamazoo County is using our expertise, energy and funds to provide the safest and most convenient road system possible, and to contribute to economic development and high quality of life throughout the county.

INTRODUCTION

The Kalamazoo County Road Commission (KCRC) has provided a brief overview of our funding, operations, and assets within this report. Additional financial and audit information, publications and resources can be found on our website at www.kalamazooountyroads.com.

This report provides a citizens guide to the efforts by KCRC in public service. These efforts are on-going and continuously developed to meet the needs of our changing reality while improving our infrastructure. Our work is never complete and we will continue to be focused on continuous improvement, leadership and public service. Our goal is to be the BEST road commission in the State. This is only accomplished by our team of employees vested in the spirit of leadership and service. Thank you for allowing us the opportunity to serve you.

The Kalamazoo County Road Commission (KCRC) is the jurisdictional authority over all public roads lying outside the incorporated cities and villages within Kalamazoo County, exclusive of any state trunkline highway. At the end of 2012, KCRC maintains 1,265.31 miles of roads through out the 576 square-mile county. The KCRC certified primary road system consists of 449.28 miles; the remaining 816.03 miles comprise the local road system. Along with the road system, KCRC maintains bridges, traffic signs/signals, culverts, storm sewers, and roadsides throughout the county. The state's 83 road commissions/departments are responsible for approximately 90,000 miles of county roads.

PROJECT SELECTION

The KCRC establishes road improvement priorities for the primary road system. Annually, our staff develops an improvement plan spanning five years that is based on engineering assessments and on-site reviews. This plan is reviewed and projects undertaken based on current and future road needs and anticipated funding.

In December 2012, the KCRC adopted a \$23.2 million, five-year Primary Road Capital Improvement Plan (CIP) for the period 2013 through 2017. The plan includes such preservation-structural improvement projects as resurfacing, reconstructing and widening roads, upgrading certain roads to all-season status, safety projects, bridge replacements, and upgrading traffic signals.

For the local road system, road improvement priorities are developed in conjunction with township governments. In 2010, KCRC updated a policy requesting that each township work with our designated Area Superintendent to develop a 5-year local road improvement plan supporting asset management for planning purposes and local road preservation. In 2012, staff continued to work with our townships to develop these plans. The KCRC maintains a local road participation fund program that provides funds for each township that must be matched on a dollar-for-dollar basis for local road improvement projects. In 2012, KCRC applied \$1,450,000 toward this match program. These projects include local road preservation-structural improvement, preventive maintenance and construction projects such as chip seal, hot mix asphalt (HMA) overlays and road reconstruction.

The financial commitment of township boards and residents through the years has proven invaluable. These partnerships help provide better service to our joint constituencies and a long term collaborative effort. Also available for funding, under the provisions of Act 246, Public Acts of 1931 is the special assessment district option. The State statute provides an opportunity to fund local road improvement projects through the creation of a special assessment district. This can be initiated either by response to a township board resolution or by a petition of landowners. In 2012, no special assessment districts were created. Texas Township approved a special assessment district under the provisions of Act 188, Public Acts of 1954 by township board resolution in 2010. Climax Township is the only township in Kalamazoo County with a dedicated road millage.

ASSET MANAGEMENT

Infrastructure is a valuable asset in every community. It is important to maintain these assets as efficiently and cost effectively as possible. A transportation asset management program allows KCRC to plan and prioritize road improvements.

Since 2004, federal aid eligible road asset management data has been collected in Kalamazoo County. In 2009, the KCRC began a process of collecting data on the non-federal aid system and to date all 15 townships have been completed. Updated data will be gathered on a 3-year township rotation for the non-federal aid system. In 2012, updated local ratings were completed for Alamo, Brady, Climax, Ross, and Texas, Townships. The data collected used the Pavement Surface Evaluation Rating (PASER) system, as is used in the federal aid data collection. The method of collection using the Roadsoft GIS laptop data collector and trained KCRC staff consisted of a survey of roads and each pavement was assigned a rating based on PASER criteria. PASER rating is based on a number system, 1 through 10 with 1 being the worst and 10 being the best. This data will assist in establishing a strategic plan for project selection and maintaining our infrastructure with the right fix at the right time for our primary and local road system.

For additional information on asset management statewide federal aid system, please visit the Transportation Asset Management Council (TAMC) website at www.michigan.gov/tamc or the KCRC website “Road Data” for asset management on the non-federal aid system.

Please review our asset management graphs in, this report, that reflect data for KCRC’s primary and local road system.

FINANCES

The KCRC is a special purpose government engaged in a single government program of road and bridge maintenance, preservation and construction for the county of Kalamazoo, Michigan. Our annual audited financial statements are included in the basic financial statements of Kalamazoo County, Michigan as a discretely presented component unit. Our Board of County Road Commissioners adopts an annual budget in accordance with the Uniform Budgeting Act (P.A. 621 of 1978). An independent audit is performed annually on KCRC financial statements, and we annually submit our Act 51 Financial Report to the Michigan Department of Transportation as required by Act 51, Public Acts of 1951 as amended. In 2012, we continued to take every possible step to increase our efficiency by controlling expenditures, including overhead and administrative costs. Steps taken include staffing changes, benefit modifications, technology enhancements, equipment investments, on-going collaboration, modifications to our winter maintenance operations, and modifications to our material usage.

Please review our financial graphs, in this report, that reflect data for our revenues, expenditures, historical information, and winter maintenance operations.

REVENUES

MICHIGAN TRANSPORTATION FUND

The Michigan Transportation Fund (MTF), the repository of motor fuel taxes and vehicle registration fees collected by the state, is the principal source of road commission funding. The collected funds are distributed to the Michigan Department of Transportation (MDOT), 53 cities and villages, and 83 county road commissions/departments, using a formula based on variables that include the density of population, road mileage by classification and collected vehicle registration fees. Motor fuel and vehicle registration tax revenue is restricted for transportation purposes by Article IX, Section 9 of the 1963 Michigan Constitution.

Those constitutional provisions are implemented through Michigan Statute – Act 51, Public Acts of 1951 (Act 51). Revenue from motor fuel taxes and vehicle registration taxes is first credited to the MTF and then distributed to the following primary recipients in accordance with provisions of Act 51:

- Comprehensive Transportation Fund (CTF) for public transportation programs
- State Trunkline Fund (STF) for construction and preservation of the state trunkline system and administration of the MDOT
- 83 county road commissions/departments for construction and preservation of the county road system and administration
- 533 cities and villages for construction and preservation of the city/village road system and administration

Act 51 also earmarks MTF revenue for certain targeted transportation funds and categorical programs including Transportation Economic Development Fund (TEDF), the rail grade crossing account and the Local Bridge Fund Program.

Our general allocation revenue from the MTF has been decreasing over the years. The decrease is attributable to several issues. Motor fuel taxes are excise taxes – a per gallon tax not based on price. The tax on gasoline is 19 cents per gallon whether the pump price is \$2.50 a gallon or \$4.00 per gallon. As people drive less and purchase more fuel efficient cars, the

tax generates less revenue. Revenue from motor fuel tax on gasoline peaked in FY 2001 – 02 at \$939.9 million and has declined every year since. Over the last five fiscal years, gasoline tax revenue averaged \$837.4 million. Gasoline tax revenue for the FY 2011 – 2012 was \$818.8 million, the lowest since FY 1996 – 97 prior to the last gas tax rate increase.*

Please review our MTF graph, in this report, for historical information.

MICHIGAN STATE AND FEDERAL TRANSPORTATION FUNDS

The KCRC also works diligently to qualify for special sources of revenue for road improvement projects from other state and federal sources.

State sources include Transportation Economic Development Funds (TEDF)

- TEDF Category A funds are competitively available for road projects related to industry development and redevelopment opportunities
- TEDF Category D funds are available for use to upgrade roads to all-season standards and to develop a network of roads that are not weight restricted during seasonal weight restriction periods.
- TEDF Category F funds are competitively available for use to upgrade roads to complete broken links in the all-season-road network in the urban area.

FEDERAL SURFACE TRANSPORTATION PROGRAM FUNDS

Federal revenue sources are provided for in the Federal Transportation Legislation by the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) since 2005. Federal sources include Surface Transportation Program (STP) funds, American Recovery and Reinvestment Act (ARRA) and Congestion Mitigation and Air Quality (CMAQ) funds. After nine extensions Congress passed a reauthorization of the federal highway bill. The SAFETEA-LU was replaced by the Moving Ahead of Progress in the 21st Century (MAP-21) on July 6, 2012. MAP-21 will fund the federal-aid highway program through Sept. 30, 2014 at current funding levels with a small inflationary adjustment. MAP-21 makes federal funds available to state departments of transportation through three U.S. Department of Transportation (DOT) agencies; the Federal Highway Administration (FHWA), the Federal Transit Administration (FTA) and the Federal Railroad Administration (FRA).

Federal funding is distributed to the KCRC through the Kalamazoo Area Transportation Study (KATS), the Metropolitan Planning Organization (MPO) for the Kalamazoo urbanized area. One of the charges of the KATS is to fulfill Federal, State, and Policy Committee directives to ensure an equitable distribution of transportation funding in Kalamazoo County, as well as to plan for the future of the transportation network within financially feasible goals. The KATS provides a framework and prioritization process in which the KCRC is able to fund, coordinate with the other agencies in the Kalamazoo area and to seek additional public comment on our CIP.

CMAQ programs reduce vehicle pollutant emissions by improving the flow of traffic, or by providing transportation choices that reduce pollution. CMAQ funds are designated to the Kalamazoo region to support projects that will result in improved air quality.

Projects completed during 2012 utilizing STP funds:

9th Street from KL Avenue to M-43

11th Street/ON Avenue from N Avenue to 12th Street

LOCAL BRIDGE PROGRAM FUNDS

Under the Federal Aid Highway Program, Michigan is eligible to use federal funds to improve the condition of highway bridges through replacements, rehabilitation, and preservation activities.

Established by 2004 Public Act 384, an amendment to Act 51, provides financial assistance to local highway authorities for the preservation, improvement, reconstruction of existing bridges, or the construction of bridges to replace existing bridges in whole or part. Revenues are provided from an Act 51 earmark of ½ cent of the gasoline excise tax (approximately \$22 million), and a separate (approximately \$5 million) Act 51 earmark of MTF revenue. Through legislation in 2004, Michigan created a Local Bridge Fund to be administered by the Local Bridge Advisory Board and seven Regional Bridge Councils. Funding from the Local Bridge Fund is allocated to each region based on available funds and weighted ratios provided in the legislation.

These funds are available on a statewide competitive basis. Bridges eligible for these funds must be structurally deficient, functionally obsolete and in need of repair or do not function in a way that meets traffic needs.

*House Fiscal Agency Report 2/21/13

The TAMC annual report on deficient bridges is available on the TAMC website at www.michigan.gov/tamc.

In 2012, 8% of KCRC (5 bridges) are rated as structurally deficient: Structurally Deficient (SD) status – A highway bridge is classified as structurally deficient if the deck, superstructure, substructure, or culvert is rated in “poor” condition (0 to 4 on the National Bridge Inventory (NBI) rating scale). A bridge can also be classified as structurally deficient if its load carrying capacity is significantly below current design standards or if a waterway below frequently overtops the bridge during floods.

Projects completed during 2012 utilizing Local Bridge Funds:

River Street Bridge over the Kalamazoo River

Please review our Bridge Rating Summary graph in this report.

EXPENDITURES

KCRC engineering and maintenance operations are responsible for providing engineering and technical expertise for road commission projects, operations, preventative maintenance and improvement projects on the county road system. These efforts also include our traffic safety operations. KCRC operations are supported by our administrative team, equipment and capital outlay expenditures.

Routine maintenance activities, outside of construction projects, include surface patching, sign maintenance, roadside mowing, tree cutting/removal, culvert repair, guardrail maintenance, and winter maintenance.

During 2012, approximately 23 miles of roads were paved totaling over \$8 million dollars. To preserve the capital investment in our roads, more than 130 miles of roads were chip sealed totaling over \$4 million dollars. Over \$13 million dollars was spent on our primary road system and over \$6 million on our local road system for both construction and maintenance operations in 2012. This was one of our top years in infrastructure investments.

Safety improvement projects also were completed, including, addition of turn lanes at intersections, shoulder paving, upgrading of traffic signals and new traffic signal installations at intersections.

Projects completed during 2012 including safety:

Douglas Avenue and G Avenue Intersection

ACHIEVEMENTS AND EDUCATIONAL OPPORTUNITIES

ACHIEVEMENTS

The American Public Works Association (APWA) recognized the 37th Street primary road improvement project that increased the horizontal curvature of the roadway, increased the super elevation of the horizontal curves, replaced three corrugated steel culverts and resurfaced the road way in the Transportation Less than \$1 million category, the project also included replacing the 37th Street culverts over the Gull Lake Outlet Creek.

The Asphalt Paving Association of Michigan (APAM) honored 9th Street from KL Avenue to West Main Street with an award for providing the people of Michigan the highest quality of pavement in 2012.

EDUCATIONAL OPPORTUNITIES

In 2012, the KCRC held educational sessions on the following topics:

- Traffic Safety Training April 24th, 2012 for Elected and Appointed Officials
- Full Depth Reclamation Field Workshop May 16, 2012 in Cooper Township

SUMMARY

We hope this report provides a better understanding of the KCRC, our commitment to Kalamazoo County, the role we play in improving our infrastructure and how we contribute to economic development and high quality of life throughout the county. We are proud of our accomplishments and our operations. Our team continues to be dedicated to enhancing our road network and putting those limited transportation dollars to efficient use.

● GLOSSARY

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All-season Roads—roads that have a sub-base, base and surface of adequate thickness and composition to withstand year-round use of heavy vehicles without damage.

Asset Management – Asset Management is a systematic approach to selecting the best investment at the right time to maximize the life of the asset being measured.

Cape Seal—a surface treatment that involves the application of micro seal to a newly constructed surface treatment of chip seal. Cape seals provide a dense, waterproof surface with improved skid resistance and ride quality.
6-8 Year Average Life Cycle

Chip Seal—a surface treatment in which the pavement is sprayed with asphalt emulsion and then immediately covered with aggregate and rolled. Chip seals are used primarily to seal the surface of a pavement.
5-7 Year Average Life Cycle

Crack Seal - a rubber material consisting of polymers, virgin rubber and asphalt emulsion to form an elastic moisture barrier over cracks in the road that, when properly heated and applied, will maintain its form over extreme heat and cold fluctuations in the roadway preventing the infiltration of water.

Double Seal—two applications of chip seal applied to a prepared gravel base.
8-10 Year Average Life Cycle

Fog Seal—a light application of slow setting asphalt emulsion diluted with water and without addition of any aggregate applied to the surface of a bituminous pavement or recent chip seal. Fog seals are used to renew aged asphalt surfaces and seal minor cracks. When applied over a recent chip seal, the fog seal reduces dust and lock in aggregate.
1-3 Year Average Life Cycle

HMA (Hot Mix Asphalt) Overlay—the application of HMA (hot mix asphalt), a combination of aggregates, mineral fillers, RAP (recycled asphalt pavement), and asphalt binder. HMA is placed on top of gravel or other old surfaces and rolled to compact in place.
15-20 Year Average Life Cycle

HMA (hot mix asphalt) Wedge—a repair patch placed by a paving machine that varies in depth and length.

Infrared— the transfer of heat from a higher temperature object to a lower temperature object utilizing electromagnetic radiation.

Local Roads—county roads not classified as primary roads in the county road system. KCRC has 816.03 miles of these roads, including those in plats.

Micro Seal—a mixture of polymer modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, properly proportioned, and spread on a paved surface. Also utilized to correct rutting on high volume roads. *6-8 Year Average Life Cycle*

PASER—PASER stands for Pavement Surface Evaluation and Rating. The PASER system was developed by the University of Wisconsin-Madison as a tool to rate the current surface condition of roads.

Preservation—structural improvement roadwork, including placing a hard surface on a gravel road, reconstructing an existing road or bridge, resurfacing a road with a HMA overlay or installing new culverts or catch basins.

Routine Maintenance—roadwork, including pothole filling, pavement marking, roadside mowing, tree/brush removal, guardrail repair, minor drainage corrections, grading gravel roads, sign installation and snow removal.

Primary Roads—major roads within the county road system in Kalamazoo County. Primary roads typically accommodate 85 percent of the county's road system traffic and include 449.28 miles of roadway.

Reconstruction—removing the existing road surface and replacing it with materials of a thickness that conforms to current standards for pavement design. Vertical and horizontal alignment drainage improvements are also factors of reconstruction.
Varies Year Average Life Cycle

Rehabilitation—placing additional surface material or doing other work to return a road, including its shoulders, to structural or functional adequacy.
Varies Year Average Life Cycle

Resurfacing—placing new bituminous pavement material over existing pavement. Shoulder material is added to match the elevation of the new pavement.
Varies Year Average Life Cycle

RoadSoft - road data GIS software used to compile and report on the condition assessments. RoadSoft was developed by Michigan Technological University for all road agencies in Michigan

- **PRIMARY ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
9th Street - KL Avenue to M-43, Project No. 210292. Construction engineering, right-of-way purchases and contractor payments by State for project to resurface and widen road.	917,783.30
9th Street - O Avenue to Cracker Barrel Drive and O Avenue - 8th Street to 9th Street, Project No. 210412. HMA overlay.	292,736.58
11th Street/ON Avenue - N Avenue to 12th Street, Project No. 210246. Reconstruction to all-season standards. Project includes trenching, ditching and HMA overlay.	783,324.63
12th Street - at Milham Road and Texas Drive, Project No. 210116. Construction, engineering and contractor payments by State for a 2011 intersection reconstruction project including a roundabout to improve traffic flow.	72,274.49
Drake Road - KL Avenue to M-43, Project No. 210294. Ultra-thin HMA overlay.	160,283.60
12th Street - C Avenue to north county line, Project No. 210900. Construction engineering and contractor payments by State for road reconstruction to all season standards.	92,422.48
Douglas Avenue - at G Avenue, Project No. 210198. Intersection improvement project including reconstruction of storm sewer and roadside grading for site distance.	253,811.03
South Sprinkle Road - S Avenue to Zylman Road, Project No. 210135. Construction engineering for 2012 reconstruction project.	105,520.04
South Sprinkle Road - at S Avenue, Project No. 210136. Construction engineering for 2011 intersection safety project.	13,255.58
South Sprinkle Road - Cork Street to Comstock Avenue, Project No. 210298. Design engineering for 2013 reconstruction project.	53,139.68
South Sprinkle Road - ML Avenue to Zylman Road, Project No. 210796. Final Accounting by State for 2009 signal interconnect project.	853.68
South Sprinkle Road - Kilgore Road to I-94, Project No. 210830. Contractor payment by State for 2008 HMA project.	1,697.89
26th Street - H Avenue to M-43, Project No. 210414. HMA overlay and gravel shoulders.	127,714.48

- **PRIMARY ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
35th Street - .09 mile north of Miller Drive, Project No. 210026. Contractor payment by State for 2010 intersection relocation project.	6,054.61
35th Street - G Avenue south 1,000', Project No. 210297. Completion of slope stabilization for 2011 project.	2,027.65
35th Street - I-94 westbound off ramp to Kalamazoo River, Project No. 210960. Engineering services for 2010 reconstruction project.	618.66
35th Street - HJ Avenue to 1000' south of G Avenue, Project No. 210300. Engineering services for future project.	9,322.73
35th Street - Galesburg City Limit to 500' south of HJ Avenue, Project No. 210301. Legal services for future project.	3,833.43
37th Street - G Avenue to D Avenue, Project No. 210137. HMA overlay. Project includes road widening and culvert replacement at Gull Lake outlet.	1,246,794.01
G Avenue - 37th Street to 39th Street, Project No. 210419. Final accounting by State for 2008 reconstruction project.	5,004.06
G Avenue - 39th Street to M-96, Project No. 210299. Engineering services for future project.	5,489.30
Nichols Road - Ravine Road to Barney Road, Project No. 210123. Roadway reconstructed and widened to 3 lanes.	525,760.35
Mosel Avenue - at Riverview Drive, Project No. 210199. Traffic signal upgrade.	224,281.33
MN Avenue - 35th Street to Mercury Drive, Project No. 210415. HMA overlay and gravel shoulders.	852,928.57
Texas Drive - 10th Street to 12th Street, Project No. 210413. HMA wedge and proposed traffic signal upgrade.	7,576.00
P Avenue - Portage City Limit to 27th Street and 27th Street - PQ Avenue to P Avenue and PQ Avenue - 27th Street to 29th Street, Project No. 210426. HMA overlay, gravel shoulders and 4" base gravel installation and concrete curb at intersections.	1,255,702.44
U Avenue - 2nd Street to 12th Street, Project No. 210052. Final accounting by State for 2002 reconstruction project.	5,898.12

- PRIMARY ROAD PRESERVATION
- STRUCTURAL IMPROVEMENTS
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
V Avenue - South Sprinkle Road to 29th Street, Project No. 210247. Design engineering for proposed reconstruction project.	29,439.06
VW Avenue - 18th Street to Portage Road, Project No. 210139. Contractor payment by State for 2011 project.	9,867.29
TOTAL PRIMARY STRUCTURAL IMPROVEMENTS	39,306.35



11th Street/ON Avenue - Oshtemo Township

- **PRIMARY STRUCTURES**
- **HEAVY MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
South Sprinkle Road Bridge - over Kalamazoo River, Project No. 220054. Final accounting by State for 2003 bridge replacement project.	2,278.22
South Sprinkle Road Bridge - over Norfolk Southern Railroad, Project No. 220055. Final accounting by State for 2003 bridge replacement project.	22,966.60
South Sprinkle Road Bridge - over Norfolk Southern Railroad, Project No. 220304. Design engineering for 2013 bridge rehabilitation project.	2,297.85
South Sprinkle Road Bridge - over Kalamazoo River, Project No. 220304. Design engineering for 2013 bridge rehabilitation project.	1,984.15
35th Street Bridge - at Galesburg City Limits (Over Kalamazoo River), Project No. 220275. Construction engineering for 2008 bridge rehabilitation project.	3,034.90
River Street Bridge - over Kalamazoo River, Project No. 220140. Construction engineering, and contractor payments by State for bridge replacement.	2,675,506.36
TOTAL PRIMARY BRIDGE	2,708,068.08



River Street Bridge over the Kalamazoo River - Comstock Township

- **PRIMARY ROAD PRESERVATION**
- **PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
4th Street - Stadium Drive to M-43, Project No. 380392. Chip seal.	74,883.45
4th Street - Stadium Drive to OP Avenue, Project No. 380466 Crack seal.	7,728.69
PQ Avenue – 5th Street to 6th Street, Project No. 380371. Chip seal.	12,230.53
6th Street - PQ Avenue to N Avenue, Project No. 380972. Chip seal.	57,778.95
6th Street - M-43 to D Avenue, Project No. 380390. Chip seal.	131,714.87
8th Street - Q Avenue to O Avenue, Project No. 380374. HMA wedge and chip seal.	66,717.12
8th Street - XY Avenue to W Avenue, Project No. 380375. HMA wedge and chip seal.	36,848.52
11th Street - KL Avenue to Parkview Avenue, Project No. 380396. Chip seal.	42,645.27
Ravine Road - Drake Road to US-131, Project No. 380253. Crack seal.	11,040.98
12th Street - Texas Drive to Parkview Avenue, Project No. 380396. Chip seal.	63,215.82
Shaver Road - US-131 to Portage City Limit, Project No. 380486. Crack seal.	6,293.36
Douglas Avenue - Kalamazoo City Limit to B Avenue, Project No. 380489. Crack seal.	51,701.17
Burdick Street - Kalamazoo City Limit to Mosel Avenue, Project No. 380469. Crack seal.	7,728.69
Pitcher Street - Kalamazoo City Limit to Mosel Avenue, Project No. 380482. Crack seal.	6,072.54
North Westnedge Avenue - BL-131 to G Avenue, Project No. 380480. Crack seal.	3,753.93

- **PRIMARY ROAD PRESERVATION**
- **PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
Riverview Drive - D Avenue to Baseline Road, Project No. 380487. Chip seal.	79,318.09
Riverview Drive - G Avenue to Mt. Olivet Drive, Project No. 380485. Crack seal.	5,299.67
Mt. Olivet Drive - G Avenue to Riverview Drive, Project No. 380398. Chip seal .	27,403.10
Brook Drive - M-43 to Kalamazoo City Limits, Project No. 380468. Crack seal.	1,435.33
Olmstead Road - Miller Road to Lake Street, Project No. 380402. Chip seal.	24,252.08
24th Street - Vicksburg Village Limit to V Avenue and South Sprinkle Road - V Avenue to S Avenue, Project No. 380377. Chip seal.	73,031.74
South Sprinkle Road - Centre Avenue to Zylman Avenue, Project No. 380445. Chip seal, repair of 2011 project.	28,359.05
South Sprinkle Road - East Michigan Avenue to G Avenue, Project No. 380479. Crack seal.	19,321.72
26th Street - TU Avenue to UV Avenue, Project No. 380378. Chip seal.	17,173.88
26th Street - East Michigan Avenue to H Avenue, Project No. 380399. HMA wedge and chip seal.	64,961.64
27th Street - D Avenue to M-89, Project No. 380386. Chip seal.	37,091.32
28th Street - F Avenue to E Avenue, Project No. 380461. Crack seal.	3,753.93
32nd Street - South County Line to X Avenue, and X Avenue - 31st Street to 32nd Street, and 31st Street - X Avenue to W Avenue, Project No. 380379. HMA wedge and chip seal.	76,326.31
32nd Street - G Avenue to DE Avenue, Project No. 380384. Chip seal and fog seal.	73,751.67

- **PRIMARY STRUCTURES**
- **PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
38th Street - Climax Drive to East Michigan Avenue, Project No. 380462. Crack seal.	496.84
38th Street - Z Avenue to W Avenue, Project No. 380463. Crack seal.	6,624.59
42nd Street - O Avenue to MN Avenue, Project No. 380381. Chip seal.	31,270.89
42nd Street - W Avenue to T Avenue, Project No. 380464. Crack seal.	10,378.52
42nd/43rd Street - TS Avenue to R Avenue, Project No. 380465. Crack seal.	6,624.59
B Avenue - Ravine Road to 12th Street, Project No. 380483. Chip seal.	42,628.17
D Avenue - 37th Street to 37th Street, Project No. 380383. Chip seal.	8,217.59
D Avenue - 27th Street to Richland Village Limit, Project No. 380385. Chip seal.	39,678.97
D Avenue - Douglas Avenue to Riverview Drive, Project No. 380388. Chip seal.	81,966.82
Fort Custer Drive - M-96 to East County Line, Project No. 380471. Crack seal.	20,536.22
G Avenue - 2nd Street to 10th Street, Project No. 380391. Chip seal.	69,532.60
G Avenue - 36th Street to 110' west of 37th Street, Project No. 380472. Crack seal.	5,520.49
G Avenue - Riverview Drive to North Sprinkle Road, Project No. 380473. Crack seal.	10,709.76
Kendall Avenue - Kalamazoo City Limits to M-43 and Solon Street - Kalamazoo City Limits to M-43, Project No. 380397. Chip seal.	24,003.49
H Avenue - M-43 to 26th Street, Project No. 380476. Crack seal.	9,869.53

- **PRIMARY STRUCTURES**
- **PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
Mosel Avenue - Douglas Avenue to North Westnedge Avenue, Project No. 380476. Chip seal.	6,624.59
Nichols Road - M-43 to Ravine Road, Project No. 380478. Crack seal.	9,826.48
Alamo Avenue - Nichols Road to Kalamazoo City Limit, Project No. 380467. Crack seal	3,753.93
East Main Street - North Sprinkle Road to 33rd Street, Project No. 380400. Chip seal.	104,446.75
East Michigan Avenue - Galesburg City Limit to I-94, Project No. 380382. Chip seal.	44,963.78
East Michigan Avenue - North Sprinkle Road to M-96, Project No. 380470. Crack seal.	6,072.54
Lake Street - Kalamazoo City Limit to Olmstead Road, Project No. 380475. Crack seal.	1,545.74
Parkview Avenue - Stadium Drive to Kalamazoo City Limit, Project No. 380394. Chip seal.	46,106.63
Stadium Drive - 8th Street to Kalamazoo City Limit, Project No. 380393. Chip seal.	90,354.00
O Avenue - 6th Street to 8th Street, Project No. 380481. Crack seal.	4,858.03
OP Avenue - 4th Street to 6th Street, Project No. 380370. Chip seal.	18,925.08
Q Avenue - 8th Street to 12th Street, Project No. 380483. Crack seal.	9,936.88
U Avenue - West County Line to US-131, Project No. 380487. Crack seal.	23,738.11
W Avenue - Schoolcraft Village Limit to Vicksburg Village Limit, Project No. 380376. Crack seal, HMA wedge and chip seal.	102,665.27

- **PRIMARY STRUCTURES**
- **PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	TOTAL
W Avenue - Vicksburg Village Limit to East County Line, Project No. 380380. Crack seal, HMA wedge and chip seal.	297,351.05
W Avenue - 8th Street to Schoolcraft Village Limit, Project No. 380488. Crack seal.	3,643.53
TOTAL PRIMARY PREVENTIVE MAINTENANCE	2,254,704.88



8th Street at Q Avenue - Texas Township

LOCAL ROAD PARTICIPATION FUNDS

The Board of County Road Commissioners determines, annually, the amount of local road participation funds that will be made available to each township. The distribution of the funds is based on township mileage and population and is determined on the same basis that local road fund money is distributed to the Board from the Michigan Transportation Fund.

Participation funds are made available to the townships for use on local road preservation-structural improvements, preventive maintenance, construction and special assessment projects. Townships, in order to receive local road participation funds, must match funds on a dollar-for-dollar basis.

<u>Township</u>	<u>Allocation</u>
Alamo	51,938.00
Brady	60,874.00
Charleston	29,683.00
Climax	52,124.00
Comstock	167,163.00
Cooper	120,378.00
Kalamazoo	197,396.00
Oshtemo	178,803.00
Pavilion	82,233.00
Prairie Ronde	59,822.00
Richland	86,980.00
Ross	73,930.00
Schoolcraft	62,119.00
Texas	174,737.00
Wakeshma	51,820.00
Total	1,450,000.00



17th Street - Cooper Township

LOCAL ROAD TOWNSHIP CONTRIBUTIONS

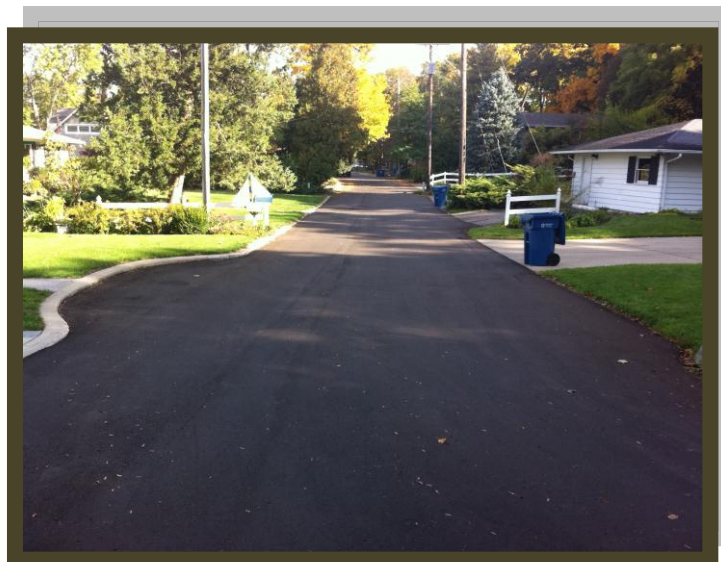
Township	Preservation- Structural Imp. Contributions	Preventive Maintenance Contributions	Routine Maintenance Contributions	Special Assessment Contributions	Total Township Contributions
Alamo		86,767.41	1,411.59		88,179.00
Brady	20,441.20	38,475.63	6,391.07		65,307.90
Charleston		22,869.65	845.60		23,715.25
Climax		87,073.98	7,890.98		94,964.96
Comstock	118,496.27		309.68		118,805.95
Cooper	108,728.33	60,966.08			169,694.41
Kalamazoo	23,665.48	155,517.56	307.72		179,490.76
Oshtemo		134,954.59			134,954.59
Pavilion	79,555.59	19,907.82			99,463.41
Prairie Ronde	31,322.77	31,968.63	33,193.09		96,484.49
Richland	208,462.65	145,358.23	5,495.84		359,316.72
Ross	1,083.92	92,541.65	1,496.33	8,757.34	103,879.24
Schoolcraft	40,639.48	58,247.25			98,886.73
Texas	181,137.68	236,829.81			417,967.49
Wakeshma			7,111.44		7,111.44
Total	813,533.37	1,171,482.29	64,453.34	8,757.34	2,058,222.34

Preservation-Structural Improvement Contributions: Payments made by township for preservation-structural improvement projects

Preventive Maintenance Contributions: Payments made by township for preventive maintenance projects

Routine Maintenance Contributions: Payments made by township for dust control, and miscellaneous

Special Assessment Contributions: Payments made by township for special assessment projects



Burlington Street Special Assessment – Ross Township

- **LOCAL ROAD PROJECT SUMMARY EXPENDITURES**
- **Preservation – Structural Improvements and Preventive Maintenance Expenditures**
- Including Administrative and Equipment Allocations

Township	Local Preventive Maintenance	Local Preservation Structural Improvements	Total Township Projects
Alamo	152,415.83	0.00	152,415.83
Brady	79,478.37	140,048.83	219,527.20
Charleston	47,106.08	0.00	47,106.08
Climax	143,469.06	0.00	143,469.06
Comstock	0.00	245,048.76	245,048.76
Cooper	125,535.13	183,077.40	308,612.53
Kalamazoo	319,672.16	0.00	319,672.16
Oshtemo	277,867.32	0.00	277,867.32
Pavilion	41,044.69	147,596.37	188,641.06
Prairie Ronde	65,807.78	39,988.43	105,796.21
Richland	166,075.42	289,871.82	455,947.24
Ross	163,583.68	35,396.12	198,979.80
Schoolcraft	81,933.21	182,176.95	264,110.16
Texas	250,818.14	361,865.42	612,683.56
Wakeshma	33,238.385	0.00	33,238.35
Total	1,948,045.22	1,625,070.10	3,573,115.32

Preservation-Structural Improvements: Roadwork, including placing a hard surface on a gravel road, reconstructing an existing road or bridge, resurfacing a road with HMA overlay or installing new culverts or catch basins.

Preventive Maintenance: Roadwork, including chip sealing, pavement crack seal, and wedging to preserve roads by retarding surface deterioration.



Merry Brook Street – Comstock Township

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION

PREVENTIVE MAINTENANCE STRUCTURAL IMPROVEMENT

ALAMO TOWNSHIP ~38.59 Local Road Miles

Owen Drive - B Avenue south 2,385', Project No. 680352.

HMA wedge and chip seal. 13,225.24

8th Street - G Avenue to Hart Drive, Project No. 680353.

HMA wedge and chip seal. 70,622.55

10th Street - B Avenue to Baseline Road, Project No. 680654.

Crack seal and chip seal. 25,759.10

F Avenue - 8th Street to 150' east of 9th Street, Project No. 680355.

Chip seal. 12,795.12

F Avenue - Ravine Road to 12th Street, Project No. 680358.

Chip seal . 9,330.50

7th Street - G Avenue to Owen Avenue, Project No. 680448.

Crack seal. 15,126.15

Owen Drive - Ravine Road to D Avenue, Project No. 680447.

Chip seal. 5,557.17

ALAMO TOWNSHIP TOTALS

152,415.83 0.00

BRADY TOWNSHIP~ 44.04 Local Road Miles

34th Street - .25 mile north of W Avenue, Project No. 510454.

Culvert replacement and HMA paving. 140,048.83

27th Street - Y Avenue to W Avenue, Project No. 680423.

HMA wedge, crack seal and chip seal. 67,226.46

29th Street - Y Avenue to XY Avenue, Project No. 680424.

Gravel, pulverize and double chip seal (double chip seal to be completed in 2013). 12,251.91

BRADY TOWNSHIP TOTALS

79,478.37 140,048.83

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION

PREVENTIVE MAINTENANCE STRUCTURAL IMPROVEMENT

CHARLESTON TOWNSHIP ~ 22.65 Local Road Miles

Pine Hill Drive - Fort Custer Drive east 850', Project No. 680405.

Chip seal. 5,333.68

40th Street - East Michigan Avenue to Fort Custer Drive, Project No. 680404.

Chip seal. 18,207.29

Fort Custer Drive - East Michigan Avenue to 40th Street, Project No. 680403.

Chip seal. 23,565.11

CHARLESTON TOWNSHIP TOTALS **47,106.08** **0.00**

CLIMAX TOWNSHIP ~ 46.40 Local Road Miles

44th Street - T Avenue to S Avenue, Project No. 680419.

HMA wedge and chip seal. 32,241.70

Q Avenue - 45th Street east 9,240', Project No. 680420.

Crack seal and chip seal. 40,477.54

ON Avenue - 42nd Street west 3,855', Project No. 680421.

HMA wedge, crack seal and chip seal. 21,627.31

S Avenue - 36th Street to 39th Street, Project No. 680422.

HMA wedge and chip seal. 49,122.51

CLIMAX TOWNSHIP TOTALS **143,469.06** **0.00**

COMSTOCK CHARTER TOWNSHIP ~ 74.76 Local Road Miles

Cedar Brook Drive - Merry Brook Drive to East Main Street and **Spruce Brook Drive**- Willow Brook Drive to Cedar Brook Drive and **Maple Brook Drive**- Spruce Brook Drive west 185' and **Willow Brook Drive**- Spruce Brook Drive to Merry Brook Drive and **Winding Brook Drive**- Willow Brook Drive south 170' and **Merry Brook Drive**- Willow Brook Drive to East Main Street and **Faw Brook Circle**- Spruce Brook Drive west 310', Project No. 510237.

HMA overlay. 154,881.07

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Comstock Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
H Avenue - 26th Street to 33rd Street, Project No. 510238. HMA overlay and crack seal.		90,167.69
COMSTOCK CHARTER TOWNSHIP TOTALS	0.00	245,048.76

COOPER CHARTER TOWNSHIP ~ 62.83 Local Road Miles

17th Street - D Avenue to C Avenue (Delayed Payment authorization, work to be completed in 2012 and final payment due April 1, 2013, Project No. 510221. Pulverize, gravel and HMA paving.		183,077.40
14th Street - G Avenue to D Avenue, Project No. 680410. Crack seal.	15,788.61	
B Avenue - 12th Street to Douglas Avenue, Project No. 680411. Crack seal and chip seal.	38,696.82	
B Avenue - Riverview Drive to 22nd Street, Project No. 680425. Crack seal and chip seal.	13,943.48	
Collingwood Drive - Riverview Drive west 1,800', Project No. 680427. HMA wedge, crack seal and chip seal.	18,775.90	
B Avenue - 22nd Street to 24th Street, Project No. 680426. Crack seal and chip seal.	28,498.32	
AB Avenue - 12th Street to Douglas Avenue, Project No. 680429. Crack seal.	9,832.00	
COOPER CHARTER TOWNSHIP TOTALS	125,535.13	183,077.40

KALAMAZOO CHARTER TOWNSHIP ~ 74.59 Local Road Miles

Wayside Road - 875' north of Humphrey Street to end, Project No. 680431. Crack seal and chip seal.	5,356.61	
Bixby Road - Humphrey Street to Gull Road, Project No. 680432. Crack seal and chip seal.	8,341.72	
Maple Avenue - 2,490' north of Gull Road to end, Project No. 680435. Crack seal and chip seal.	15,406.69	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Kalamazoo Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
Silver Hills - 925' east of Nazareth Road to end and Enterprise Drive - 685' south of Silver Hills to end, Project No. 680434. Crack seal and chip seal.	13,404.30	
Francis Avenue - Nazareth Road to Fordham Avenue and Huntington Avenue - East Main Street to Francis Avenue, Project No. 680436. Crack seal and chip seal.	21,930.04	
Elkertown Avenue - Humphrey Street to Gull Road, Project No. 680437. Crack seal and chip seal.	16,827.41	
Fenimore Avenue - Oak Opening Street to East Main Street, Project No. 680442. Crack seal and chip seal.	16,619.75	
Shaffer Street - Gull Road north 1,470' , Project No. 680443. Crack seal and chip seal.	13,729.54	
Fenimore Avenue - East Main Street to Humphrey Street and Briar Place - Fenimore Avenue to Chicago Avenue and Chicago Avenue - East Main Street to Humphrey Street, Project No. 680440. Crack seal and chip seal.	10,899.90	
Fairfield Avenue - 2,330' north of Gull Road to end and Castle Street - Clark Avenue to Fairfield Avenue and Seamers Street - Brook Drive to Fairfield Avenue and Hilltop Street - Brook Drive to Fairfield Avenue and Clark Avenue - Gull Road to Castle Street, Project No. 680441. Crack seal and chip seal.	31,770.10	
Texel Drive - East Main Street to Gull Road and Woodrow Drive - Texel Drive to Asbury Drive and Asbury Drive - Gull Road to Sunnyside Drive and Brook Drive - Gull Road south 550', Project No. 680438. Crack seal and chip seal.	15,061.48	
Baker Drive - East Main Street to Mulhern Avenue and Upland Drive - 1,970' north of East Main Street to end and Woodrow Drive - East Main Street to Gertrude Street and Bronx Avenue - East Main Street to Gertrude Street and Waverly Drive - East Main to Gertrude Street and Stamford Avenue - East Main Street to Gertrude Street and Gertrude Street - Stamford Avenue to Baker Drive and Ann Street - Stamford Avenue to Baker Drive, Project No. 680439. Crack seal and chip seal.	92,624.84	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Kalamazoo Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
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Elkertown Avenue - 470' north of Gull Road to end and Ida Street- Colegrove Avenue to Elkerton Avenue and Colgrove Avenue- 485' north of Gull Road to end and Henson Avenue- Gull Road to Lakeview Avenue and Lakeview Avenue- 230' east of Henson Avenue to end, Project No. 680433. Crack seal and chip seal.	17,580.45	
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Shasta Drive - Barclay Drive to Mosel Avenue and Seville Avenue- Shasta Drive to Monterey Drive and Monterey Drive- Shasta Drive to Seville Avenue and Monterey Circle- Monterey Drive west 105' and Barclay Drive- Mount Olivet Drive to Sonora Street and Sonora Street- Barclay Drive to Mosel Avenue and Oxford Street- Barclay Drive south 159' south and Fargo Avenue- Sonora Street west 1,085' , Project No. 680430. Crack seal and chip seal.	40,119.33	
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KALAMAZOO CHARTER TOWNSHIP TOTALS	319,672.16	0.00
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OSHTEMO CHARTER TOWNSHIP~ 74.58 Local Road Miles

3rd Street - Big Rock Drive to H Avenue, Project No. 680332. Chip seal.	22,466.54	
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1st Street - Almena Drive to M-43, Project No. 680333. Chip seal.	17,355.48	
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3rd Street - H Avenue to G Avenue, Project No. 680334. Crack seal and chip seal.	20,527.83	
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H Avenue - VanKal Street to 2nd Street, Project No. 680335. Chip seal.	18,394.61	
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GH Avenue - Ravine Road west 3,400' , Project No. 680336. Chip seal.	12,277.52	
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ML Avenue - 4th Street to 6th Street, Project No. 680337 Chip seal.	18,281.13	
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Sunnywood Drive - 2nd Street to Springwood Drive, Project No. 680338. Chip seal.	12,675.68	
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Nature Way - 4th Street west 530', Project No. 680339. Chip seal.	4,704.40	
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- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Oshtemo Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
Crystal Lane - Parkview Avenue to 11th Street, Project No. 680340. Chip seal.	16,319.52	
Highland View Drive - 3rd Street east 4,560' and Kullenbrook Drive - Highland View Drive east 530', Project No. 680341. Chip seal.	28,617.01	
Chadds Ford Way - West Main Street south 981', Project No. 680342. Chip seal.	6,254.44	
Vienna Street - Parkview Avenue north 700', Project No. 680343. Chip seal.	3,410.73	
Valley Industrial Drive - 9th Street east 600', Project No. 680344. Crack seal and chip seal.	6,504.62	
Croyden Avenue - Maple Hill Drive east 515' and Maple Hill Drive -620' south of West Main Street to 2,860' north of West Main Street, Project No. 680345. Crack seal, infrared patch and chip seal.	35,543.59	
Quail Run Drive - Stadium Drive to 9th Street, Project No. 680346. HMA wedge and chip seal.	40,207.28	
Brekke Lane - 2nd Street east 375', Project No. 680347. HMA wedge and chip seal.	7,973.44	
2nd Street - KL Avenue to Almena Drive, Project No. 680369. Crack seal and chip seal.	6,353.50	
OSHTEMO CHARTER TOWNSHIP TOTALS	277,867.32	0.00

PAVILION TOWNSHIP ~ 48.35 Local Road Miles

33rd Street - R Avenue to Q Avenue, Project No. 510450. HMA overlay.		106,066.52
25th Street - Q Avenue to P Avenue, Project No. 680444. HMA wedge, crack seal and chip seal.	33,829.58	
QR Avenue - Railroad Street to 36th Street, Project No. 680406. HMA wedge, crack seal and chip seal.	7,215.11	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION
(Pavilion Township Continued)

PREVENTIVE MAINTENANCE STRUCTURAL IMPROVEMENT

QR Avenue - 35th Street east 1,200', Project No. 510407. Gravel, pulverize and HMA overlay.		41,529.85
PAVILION TOWNSHIP TOTALS	41,044.69	147,596.37

PRAIRIE RONDE TOWNSHIP ~ 52.11 Local Road Miles

YZ Avenue - 120' east of Prairie Brooke Drive to 6th Street, Project No. 680408. Crack seal and chip seal.	46,462.39	
XY Avenue - 6th Street to 8th Street, Project No. 680409. Chip seal.	19,345.39	
11th Street - YZ Avenue to Woodbrook Drive, Project No. 510451. Regravel.		10,975.31
11th Street - XY Avenue north 2,900', Project No. 510452. Regravel.		14,772.98
YZ Avenue - 5th Street to 6th Street, Project No. 510460. Regravel.		8,518.10
10th Street - 2,908' south of WX Avenue to W Avenue, Project No. 510459. Regravel and re-establish center crown.		5,722.04
PRAIRIE RONDE TOWNSHIP TOTALS	65,807.78	39,988.43



34th Street Culvert Replacement- Brady Township

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
RICHLAND TOWNSHIP ~ 49.24 Local Road Miles		
31st Street - G Avenue to EF Avenue, Project No. 680349. HMA wedge and chip seal.	45,956.64	
35th Street - G Avenue to DE Avenue, Project No. 680348. Chip seal.	51,201.36	
28th Street - M-89 to AB Avenue, Project No. 680350. Gravel, pulverize and double chip seal.	68,917.42	
E Avenue - North Sprinkle Road to 28th Street (delayed payment authorization, work to be completed in 2012 and final payment due by April 1, 2013), Project No. 510365. Pulverize, gravel and HMA overlay.		289,871.82
RICHLAND TOWNSHIP TOTALS	166,075.42	289,871.82
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ROSS TOWNSHIP~ 53.44 Local Road Miles		
Burlington Street - 1,600' south of C Avenue to 100' north of C Avenue, Project No. 560197. HMA overlay.		33,154.59
EF Avenue - 41st Street to 42nd Street, Project No. 680360. Chip seal.	11,088.90	
B Avenue - 40th Street to 42nd Street, Project No. 680366. Chip seal.	13,313.37	
B Avenue - 44th Street to 45th Street, Project No. 680359. Chip seal.	12,429.25	
South Gull Lake Drive - D Avenue to D Avenue, Project No. 680361. Chip Seal.	14,435.51	
Yorkville Lane - D Avenue to South Gull Lake Drive, Project No. 680362. Chip seal.	4,404.15	
43rd Street - B Avenue to 1,460' north of AB Avenue, Project No. 680363. Chip seal.	13,768.06	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Ross Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
AB Avenue - 43rd Street to 44th Street, Project No. 680364. Chip seal.	9,811.89	
D Avenue - 39th Street to 40th Street, Project No. 680365. Chip seal.	8,389.05	
46th Street - Augusta Drive to M-89, Project No. 680368. HMA wedge, crack seal and chip seal.	35,149.92	
Corey Street - Burlington Street to East Gull Lake Drive, Project No. 510455. Cold mill and HMA overlay.		2,241.53
Fernwood Drive - M-89 to Trillium Drive and Trillium Drive - Fernwood Drive north 3,000' and Acanthus Drive - Fernwood Drive east 275' and Camomile Drive - Fernwood Drive east 275', Project No. 680367. Chip seal.	40,793.58	
ROSS TOWNSHIP TOTALS	163,583.68	35,396.12
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SCHOOLCRAFT TOWNSHIP~ 36.18 Local Road Miles		
23rd Street - .10 miles south of TU Avenue, Project No. 510453. Culvert replacement and HMA overlay.		140,455.43
16th Street - W Avenue to VW Avenue, Project No. 510456. HMA overlay.		41,721.52
22nd Street - XY Avenue south 270' and XY Avenue - 22nd Street east 330' Street, Project No. 680416. Sand lift, gravel, pulverize and double chip seal.	28,875.31	
16th Street - XY Avenue to W Avenue, Project No. 680418 Chip seal.	27,199.00	
Water view Avenue - 23rd Street to 220' south of Channelview Drive and Channelview Drive - 23rd Street to Waterview Avenue and Bayview Drive - Waterview Avenue to Peninsular Drive and Peninsular Drive - Bayview Drive east 580', Project No. 680417. HMA wedge and chip seal.	25,858.90	
SCHOOLCRAFT TOWNSHIP TOTALS	81,933.21	182,176.95

-
- **LOCAL ROAD PRESERVATION**
 - **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
 - Including Administrative and Equipment Allocations

PROJECT DESCRIPTION	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
TEXAS CHARTER TOWNSHIP ~ 90.75 Local Road Miles		
Glenwynd Drive - 6th Street to O Avenue, Project No. 510376. HMA overlay.		59,053.30
Shane Street - Oakwood Avenue to N Avenue and Timberview Avenue - Shane Street east 940', Project No. 680480. Crack seal.	4,310.95	
Rolling Pines Court - 10th Street east 1,230' , Project No. 510377. HMA overlay.		35,142.34
Windscape Drive - Plum Hollow Circle to Bay Ridge Road and Bay Ridge Road - 590' south of Windscape Drive to Texas Drive and Plum Hollow Circle - Windscape Drive south 375' and Bentley Drive - 615' south of Windscape Drive to Texas Drive and Quail Hollow Circle - Bay Ridge Road west 290' and Arbour Point Circle - Bary Ridge Road east 220', Project No. 510239. HMA overlay.		127,802.09
Hidden Cove Place - 8th Street west 2,725', Project No. 510378. HMA overlay.		59,529.62
Autumn Glen Street - 157' south of Autumn Glen Court to N Avenue and Autumn Glen Court - Autumn Glen Street to 235' east of Maple Hollow Avenue and Oakwood Avenue - Autumn Glen Street west 205' and Timberview Avenue - Autumn Glen Street west 235' and Maple Hallow Avenue - Autumn Glen Court south 211', Project No. 510379. HMA overlay.		80,338.07
2nd Street - R Avenue to Q Avenue, Project No. 680357. HMA wedge, crack seal and chip seal.	25,232.42	
2nd Street - Paw Paw Lake Drive to S Avenue, Project No. 680373. Crack seal and chip seal.	19,401.70	
Hickory Hill Lane - 12th Street west 1,581', Project No. 680356. HMA wedge and chip seal.	9,619.76	
Atwater Court -Texas Drive south 700', Project No. 680467. Crack seal.	1,512.62	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Texas Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
Clydesdale Avenue - Percheron Street to Belgian Avenue, Project No. 680464. Crack seal.	2,117.66	
Annadale Drive - Orchird Avenue to Texas Drive, Project No. 680472. Crack seal.	2,268.92	
10th Street - R Avenue to Q Avenue, Project No. 680473. Crack seal.	7,563.07	
Crooked Lake Drive - Q Avenue to PQ Avenue, Project No. 680478. Crack seal.	1,361.36	
Callaway Drive - Coronet Drive to 1st Street and Coronet Drive - Callaway Drive to Riedell Drive and Deerfield Trail - 283' west of Coronet Drive to Riedell Drive and Duval Circle - Embassy Street west 853' and Embassy Street -O Avenue to Deerfield Trail and Martell Court - Embassy Street east 500' and Farallon Drive - Callaway Drive to Riedell Drive and Riedell Drive - Coronet Drive to Farallon Drive and Tillman Drive - Riedell Drive to Stadium Drive, Project No. 680445. Crack seal.	20,629.03	
Andes Avenue - Rocky Mountain Street to Denali Street and Rocky Mountain Street - 316' south of Andes Avenue to 370' north of Maricopa Trail and Denali Street - Himalayas Avenue to Andes Street and Eldorado Avenue - Denali Street to Shoshone Street and Himalayas Avenue - Denali Street to Eldorado Avenue and Shoshone Street - Montezuma Avenue to Eldorado Avenue and Montezuma Avenue - Shoshone Street to 4th Street and Maricopa Trail - Rocky Mountain Street to 4th Street, Project No. 680461. Crack seal.	21,040.47	
Chickadee Drive - Warbler Drive to Pheobe Street and Pheobe Street - Swallow Avenue to Whippoorwill Drive and Whistler Drive - Chickadee Drive to Whippoorwill Drive and Plover Drive - Swallow Drive to Whippoorwill Drive and Swan Drive - 183' south of Swallow Drive to Chickadee Drive and Whippoorwill Drive - 690' west of Warbler Drive to 12th Street and Swallow Drive - Finch Drive to 12th Street, Project No. 680462. Crack seal.	19,503.66	
Pepper Avenue - Treasure Island drive to 670' east of Finnagan Street and Treasure Island Drive - Pepper Avenue to 911' west of Woods Drive and Woods Drive - Treasure Island Drive north 935', Project No. 680466. Crack seal.	7,411.81	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Texas Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
Bainridge Drive - Barony Point to 6th Street and Barony Point - Parkstone Terrace to Q Avenue and Brandon Circle - Barony Point to Bainridge Drive and Grapevie Circle - Parkstone Terrace to Parkstone Terrace and Tawney Point - Parkstone Terrace south 350' and Thornwood Point - Barony Point west 351' and Wynwood Point - Barony Point west 550', Project No. 680463. Crack seal.	13,825.29	
Lewsinda Avenue - 765' west of Veronica Street to 12th Street and Marsha Street - Lewsinda Avenue north 135' and Anthony Street - Lewsinda Avenue north 121' and Queen Victoria Drive - Veronica Street to 12th Street and Veronica Street - Cypress Bay Drive to Queen Victoria Drive, Project No. 680465. Crack seal.	7,563.07	
10th Street - Q Avenue to Texas Drive, Project No. 680474. Crack seal.	10,316.03	
Maricopa Trail - 4th Street to Sierra Madre Trail and Gila Bend Trail - Maricopa Trail north 725', Project No. 680469. Crack seal.	6,050.45	
Mountain Pine Lane - 4th Street to Knotty Pine Lane and Knotty Pine Lane - Mountain Pine Lane east 329' and Weeping Pine Lane - 4th Street to Stone Pine Street and Stone Pine Street - Weeping Pine Lane south 292' and Spruce Pine Street - Weeping Pine Lane north 374' and Sierra Madre Trail - Mountain Pine Lane to Mystic Trail, Project No. 680468. Crack seal.	14,218.58	
Aspen Lane - Vail Drive to Inverness Drive and Vail Drive - 235' west of Canyon Drive to Aspen Lane and Canyon Drive - Vail Drive to Inverness Drive and Inverness Drive - Canyon Drive to 8th Street, Project No. 680470. Crack seal.	7,563.07	
Bel Villagio Drive - S Avenue to Bel Shore Lane and Bel Shore Lane - 660' west of Pleasant Meadow Trail to 350' east of Bell Villagio Drive and Pleasant Meadow Trail - Bel Villagio Drive to Bel Shore Lane, Project No. 680477. Crack seal.	4,084.06	
Riesling Street - PQ Avenue to Chianti Circle and Chianti Circle - PQ Avenue to Riesling Street, Project No.680475. Crack seal.	4,008.43	

- **LOCAL ROAD PRESERVATION**
- **STRUCTURAL IMPROVEMENTS AND PREVENTIVE MAINTENANCE**
- Including Administrative and Equipment Allocations

PROJECT DESCRIPTION (Texas Charter Township Continued)	PREVENTIVE MAINTENANCE	STRUCTURAL IMPROVEMENT
Cypress Bay Drive - Veronica Street to 510' north of Montreux Avenue and Southwind Street - Montreux Avenue north 570' and Montreux Avenue - Cypress Bay to Southwind Street and Hunters Ridge Drive - Heathrow Avenue to Cypress bay and Torrey Pines - Cypress Bay Drive to Veronica Street and Telluride Drive - Hunters Ridge Drive west 1,010' and Stapleton Drive - Torrey Pines Drive to Dorval Street, Project No. 680471. Crack seal.	18,072.72	
10th Street - S Avenue south 5,262', Project No. 680476. Crack seal.	7,865.60	
Boyne Street - Texas Heights Avenue to Q Avenue and Charlevoix Street - Northport Avenue to Texas Heights Drive and Interlochen Street - Texas Heights Drive south 1,215' and Manitou Avenue - Petoskey Street to Charlevoix Street and Petoskey Street - Manitou Avenue to Suttons Bay Street and Suttons Bay Street - Petoskey Street to Boyne Street and Texas Heights Drive - Boyne Street to Cooper Harbor Street, Project No. 680479. Crack seal.	8,470.64	
Mistycreek Drive - 11th Street to Willow Bend Trail and Fountain Square Drive - Mistycreek Drive to Willow Bend Trail, Project No. 680481. Crack seal.	6,806.77	
TEXAS CHARTER TOWNSHIP TOTALS	250,818.14	361,865.42
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WAKESHMA TOWNSHIP ~47.52 Local Road Miles		
47th Street - W Avenue to UV Avenue, Project No. 680481. Par fund allocation for 2011 carryover project.	33,238.35	
WAKESHMA TOWNSHIP TOTALS	33,238.35	0.00
<hr/>		
Total Local Road Preventive Maintenance	1,948,045.22	
Total Local Road Preservation Structural Improvements		1,625,070.10

- **LOCAL ROAD ROUTINE MAINTENANCE EXPENDITURES**
- **AND REVENUES**
- Including Administrative and Equipment Allocations

Township	Michigan Transportation Fund Revenues	Township Revenue for Maintenance	Total Revenue for Maintenance	Less Maintenance Expenditures	Difference By Township
Alamo	98,580.11	1,411.59	99,991.70	185,455.77	85,464.07
Brady	115,472.65	6,391.07	121,863.72	193,811.68	71,947.96
Charleston	55,305.40	845.60	56,151.00	66,598.49	10,447.49
Climax	87,430.14	7,890.98	95,321.12	102,709.82	7,388.70
Comstock	373,386.45	309.68	373,696.13	159,104.51	(214,591.62)
Cooper	258,623.41	0.00	258,623.41	149,060.37	(109,563.04)
Kalamazoo	462,570.44	307.72	462,878.16	241,805.99	(221,072.17)
Oshtemo	424,866.65	0.00	424,866.65	263,689.29	(161,177.36)
Pavilion	176,067.88	0.00	176,067.88	202,892.72	26,824.84
Prairie Ronde	108,740.98	33,193.09	141,934.07	212,308.40	70,374.33
Richland	188,387.56	5,495.84	193,883.40	171,038.03	(22,845.37)
Ross	146,222.95	1,496.33	147,719.28	176,006.79	28,287.51
Schoolcraft	132,757.14	0.00	132,757.14	213,877.72	81,120.58
Texas	387,745.59	0.00	387,745.59	384,820.02	(2,925.57)
Wakeshma	90,903.54	7,111.44	98,014.98	267,396.15	169,381.17
Total	3,107,060.89	64,453.34	3,171,514.23	2,990,575.75	(180,938.48)

Local road routine maintenance includes winter snow removal, roadside mowing, pavement marking, traffic signal maintenance, dust control, gravel road grading, pot-hole repair, etc.

The chart above represents, for 2012, the total revenue collected less the total expenditures to arrive at either a deficit or surplus, by township, for the local road routine maintenance activities. The MTF (Michigan Transportation Fund) revenue received includes local mileage, local urban mileage, and a factor for population. KCRC receives MTF as a collective amount based on the county as a whole. This data is presented for illustrative purposes only, and reflects the expenditures by township outside of annual projects. As you can see, KCRC must annually apply primary road dollars to cover the deficit for local road routine maintenance expenditures. Please note weather and other issues may result in activity expenditures varying across the county.



Shoulder Maintenance Operation

- ROUTINE MAINTENANCE EXPENDITURES
- For Calendar Year Ending December 31, 2012
- Including Administrative and Equipment Allocations

	2012		2011		
	Cost	Average Cost Per Mile	Cost	Average Cost Per Mile	Increase (Decrease) Per Mile
PRIMARY ROAD SYSTEM	449.28 Miles		449.28 Miles		
Surface Maintenance	555,638.80	1,237.01	601,771.74	1,339.71	(102.70)
Roadside Maintenance	486,277.88	1,082.60	553,059.63	1,231.27	(148.67)
Traffic Control	554,441.87	1,234.34	477,908.30	1,063.96	170.38
Winter Maintenance	629,221.80	1,400.81	883,279.66	1,966.42	(565.61)
Total	2,225,580.35	4,954.76	2,516,019.33	5,601.36	(646.60)
LOCAL ROAD SYSTEM	816.03 Miles		814.56 Miles		
Surface Maintenance	1,744,512.74	2,141.66	1,584,085.57	1,944.71	196.95
Roadside Maintenance	575,441.55	706.44	724,396.02	889.31	(182.87)
Traffic Control	215,720.84	264.83	246,573.89	302.71	(37.88)
Winter Maintenance	454,900.64	558.46	802,282.18	984.93	(426.47)
Total	2,990,575.77	3,679.39	3,357,337.66	4,121.66	(450.26)



2012 Grading – Cooper Township

● **COMBINED BALANCE SHEET**
 ● **For Calendar Year 2012**
 ●

ASSETS

General Operating Fund

Cash Account		915,587.45	
Interest Bearing Deposits		1,606,282.77	
Accounts Receivable:			
Michigan Transportation Fund	2,079,216.30		
Due on County Road Agreements	237,139.71		
Due on Special Assessments	75,979.39		
Sundry Accounts Receivable	92,428.84	2,484,764.24	
Inventories:			
Equipment Material	72,686.37		
Road Material	1,065,175.18	1,137,861.55	
Advances - Township		170,130.87	
Prepaid Insurance		157,236.98	
Deferred Expense - STP, Safety, Critical Bridge		294,357.90	
Total General Operating Assets			6,765,921.76

FIXED ASSET GROUP	116,879,945.14
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TOTAL ASSETS	123,645,866.90
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LIABILITIES AND FUND EQUITIES

Accounts Payable		1,018,257.87	
Accrued Liability		92,210.58	
Deferred Revenue - Special Assessment		75,979.39	
Kalamazoo Area Transportation Study		9,559.37	
Advances: Townships		170,130.87	
Escrow Agreements		31,894.50	
Available Operating Equity:			
Primary Road - Reserved	3,607,885.58		
Local Road - Reserved	0.00		
Road Commission	1,760,003.60	5,367,889.18	
Total General Operating Liabilities and Equity			6,765,921.76

FIXED ASSET GROUP

Plant and Equipment Equity	116,879,945.14
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TOTAL LIABILITIES AND FUND EQUITIES	123,645,866.90
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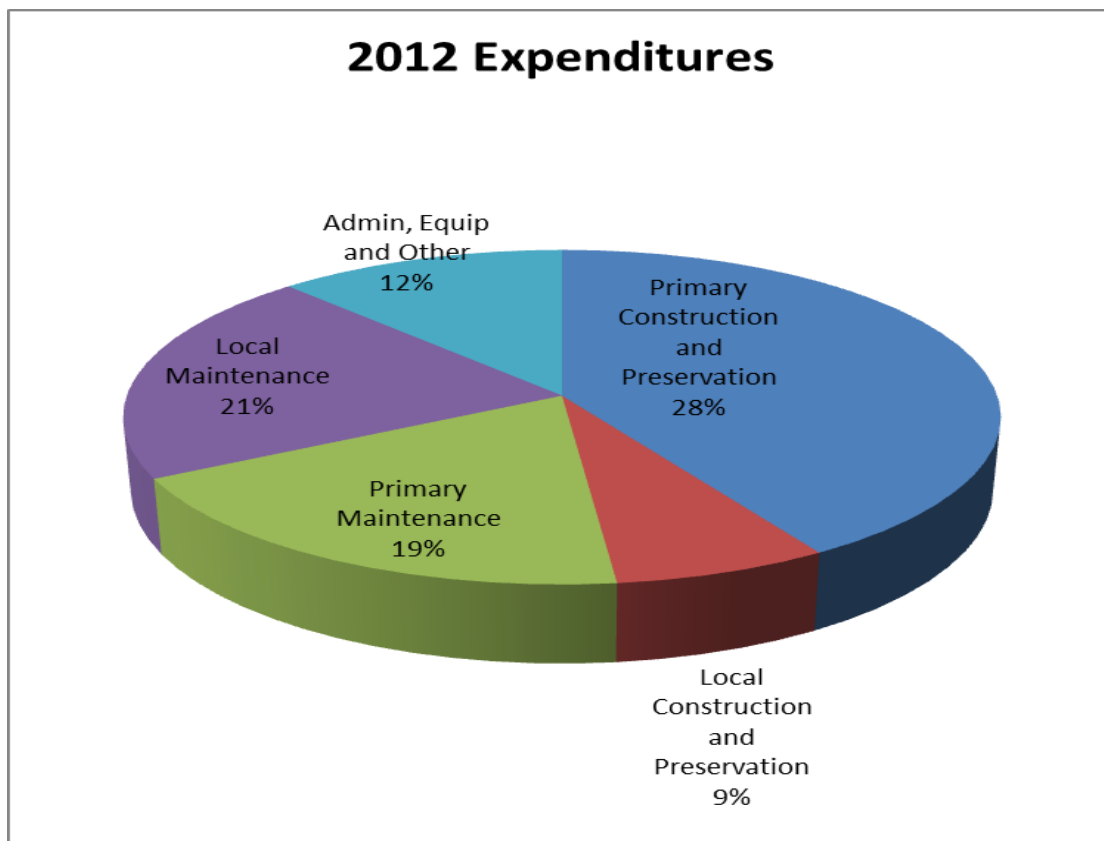
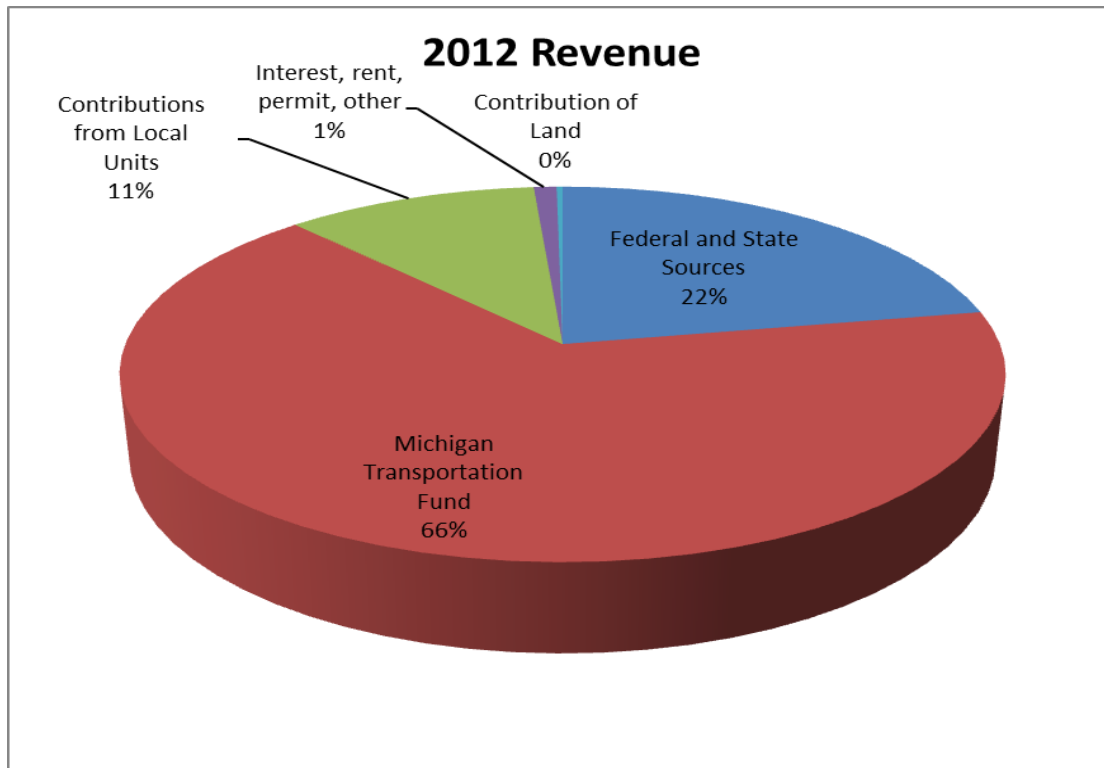
- **STATEMENT OF REVENUES AND EXPENDITURES**
- **For Calendar Year Ending December 31, 2012**
- Including Administrative and Equipment Allocations

	Primary Road Fund	Local Road Fund	Road Commission Fund	Total
REVENUE				
Michigan Transportation Fund	9,803,268.88	3,105,126.87	0.00	12,908,395.75
Optional Transfer	(1,363,401.44)	1,363,401.44	0.00	0.00
Critical Bridge Fund	357,455.67	0.00	0.00	357,455.67
Snow Removal Fund	1,065.47	1,934.02	0.00	2,999.49
Other State Revenue	0.00	0.00	11,830.56	11,830.56
Economic Development Fund	(14,461.80)	0.00	0.00	(14,461.80)
Federal Revenue	2,984,335.39	0.00	995,439.00	3,979,774.39
County Raised Revenue	51,615.65	2,106,600.43	52,613.22	2,210,829.30
Gain on Disposal of Equipment	0.00	0.00	8,673.48	8,673.48
Contributions from Private Sources	0.00	56,026.40	0.00	56,026.40
Special Assessment Districts	0.00	65,005.36	0.00	65,005.36
Miscellaneous Revenue	4,698.07	3,551.20	5,574.01	13,823.28
Total Revenue	11,824,575.89	6,695,645.72	1,074,130.27	19,594,351.88
EXPENDITURES				
Construction/Capacity Improvement	0.00	50,026.40	0.00	50,026.40
Preservation - Structural Improvement	9,348,142.67	1,554,347.31	0.00	10,902,489.98
Routine and Preventive Maintenance	4,288,173.32	4,723,692.95	0.00	9,011,866.27
Other: Non-Motorized Pathway	0.00	0.00	1,119,355.82	1,119,355.82
Administration	619,982.22	287,708.85	0.00	907,691.07
Interest Expense	0.00	0.00	0.00	0.00
Equipment Account	64,673.65	79,870.21	2,672.47	147,216.33
	14,320,971.86	6,695,645.72	1,122,028.29	22,138,645.87
Non-Operating Expenditures				
* Net Capital Outlay	0.00	0.00	566,534.19	566,534.19
Total Expenditures	14,320,971.86	6,695,645.72	1,688,562.48	22,705,180.06
Increase (Decrease) in Available Operating Fund	(2,496,395.97)	0.00	(614,432.21)	(3,110,828.18)
Total Allocated Expenditures	11,824,575.89	6,695,645.72	1,074,130.27	19,594,351.88

*Net Capital Outlay - Expenditures less depreciation and depletion.

● Revenues and Expenditures

● 2012

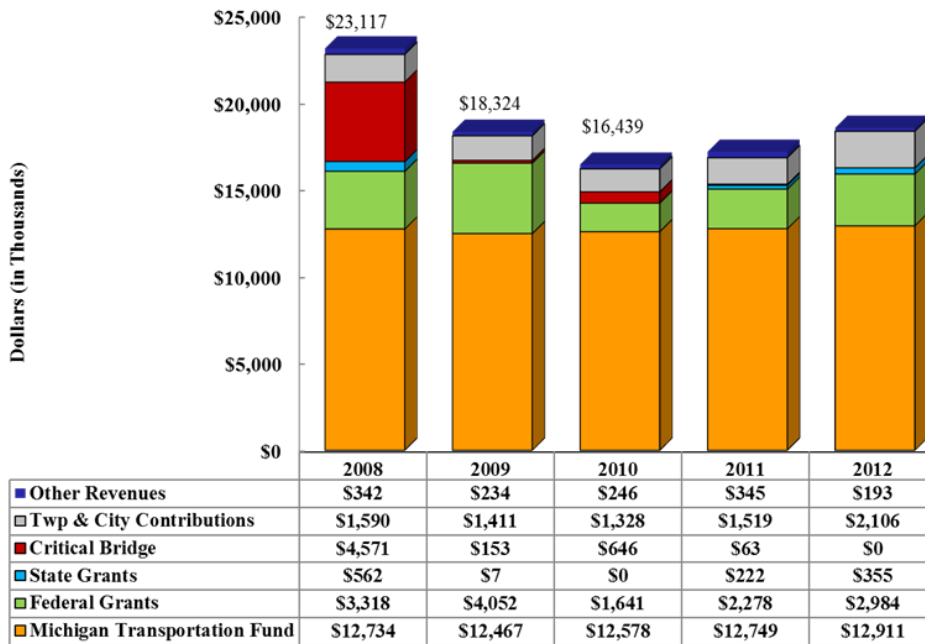


● Revenues and Expenditures History

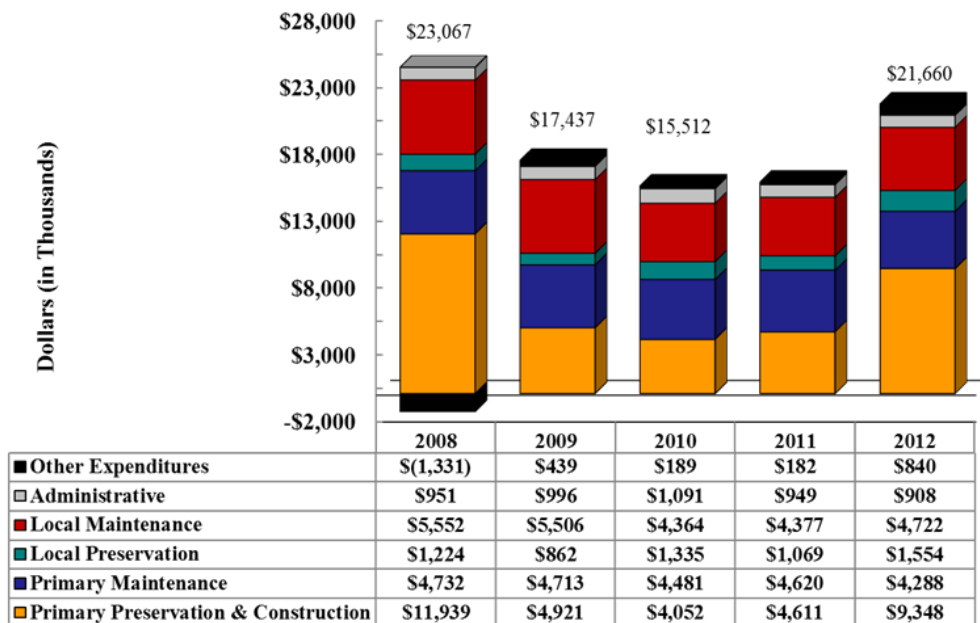
● December 31, 2008 through 2012



2008 - 2012 Revenue

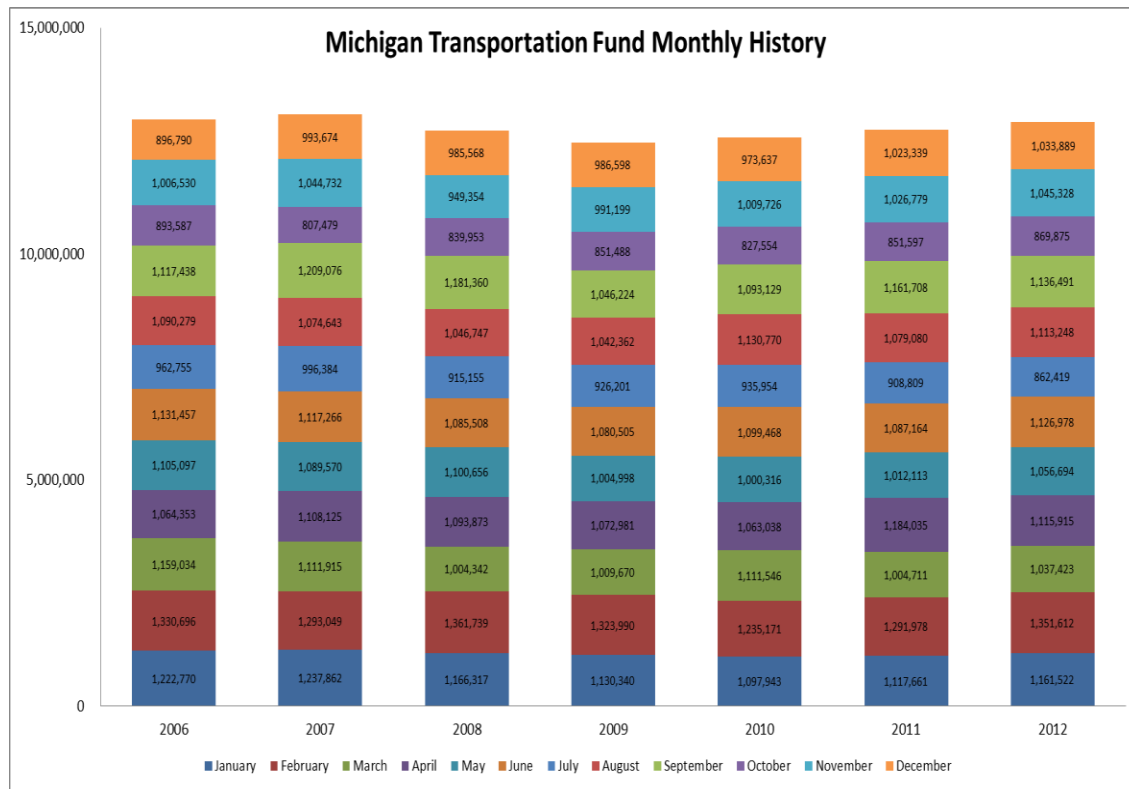


2008 - 2012 Expenditures



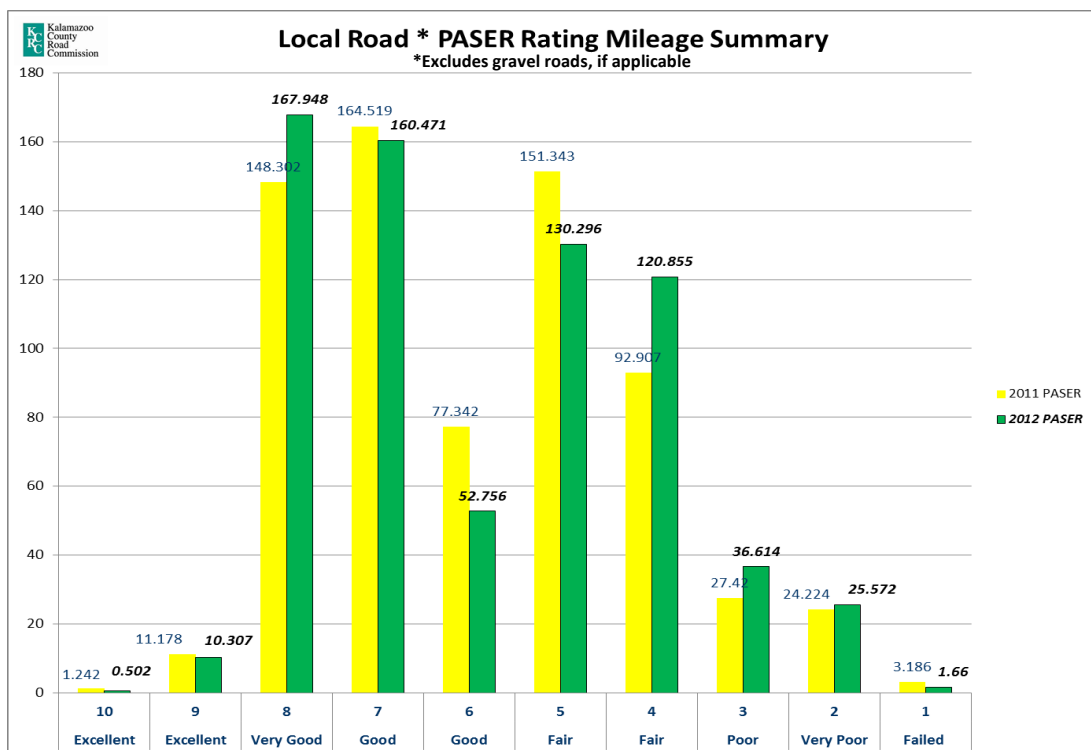
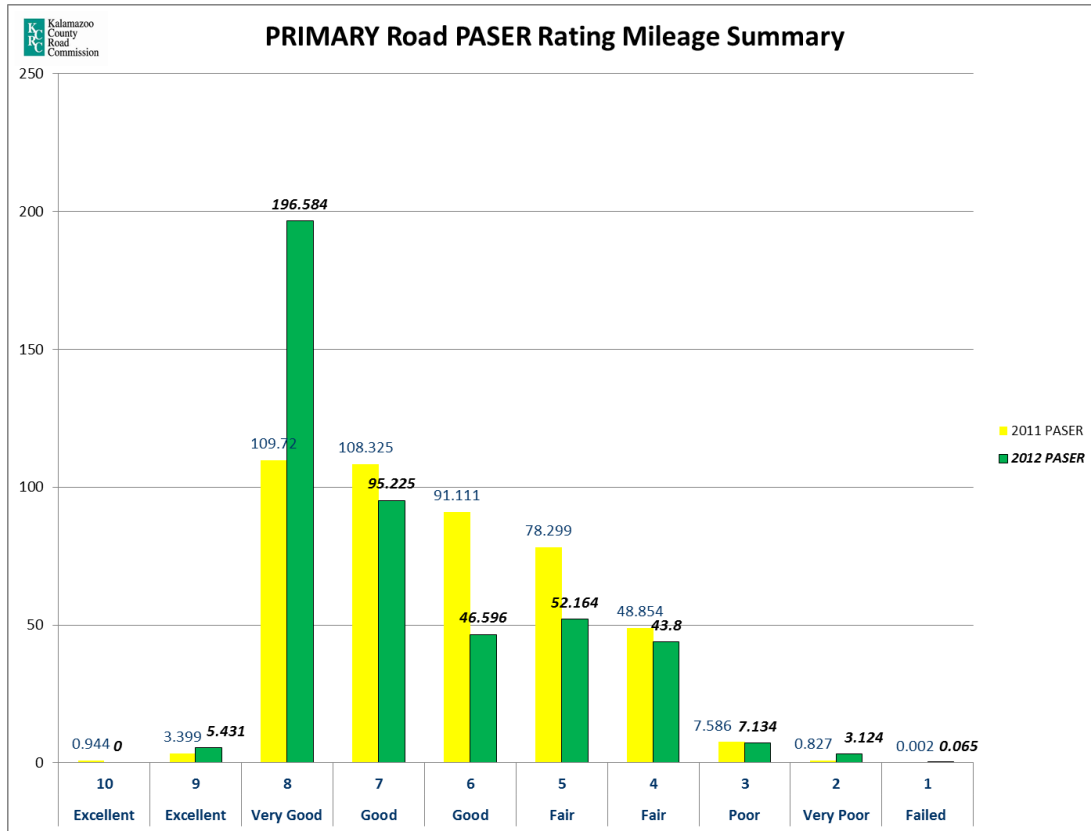
● Michigan Transportation Fund Monthly History

● 2006 through 2012



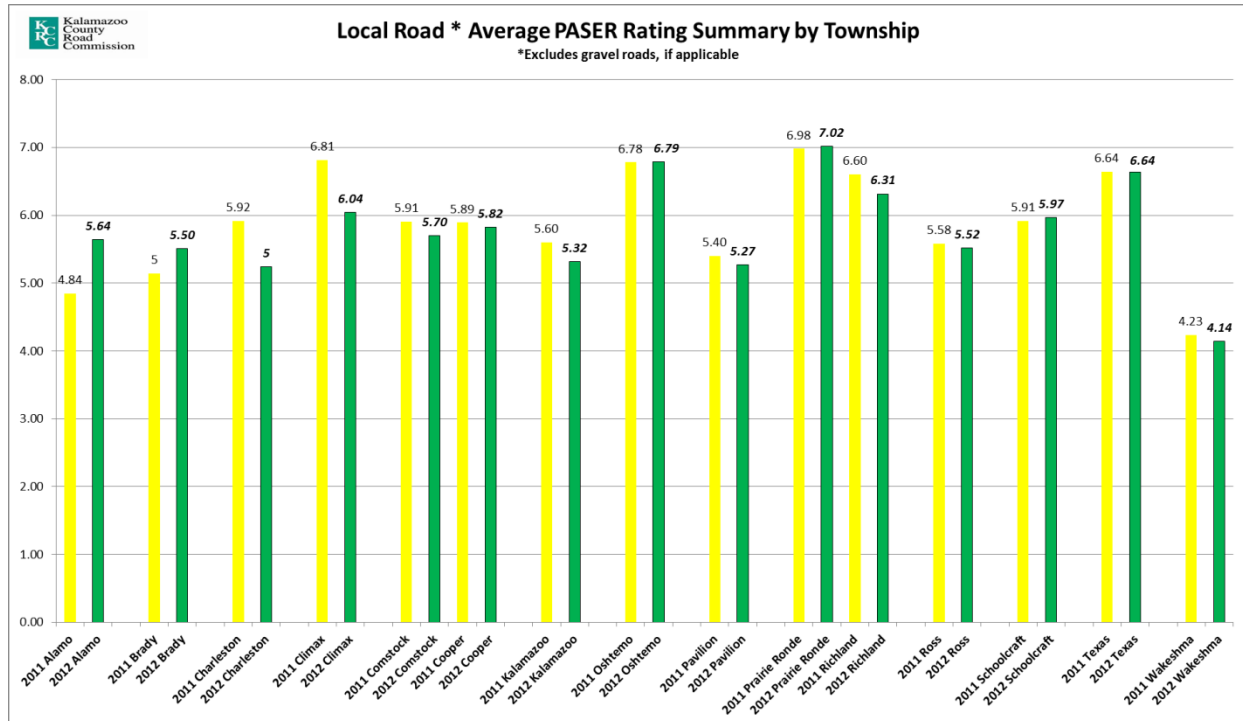
● Asset Management PASER Rating Summary

● 2012



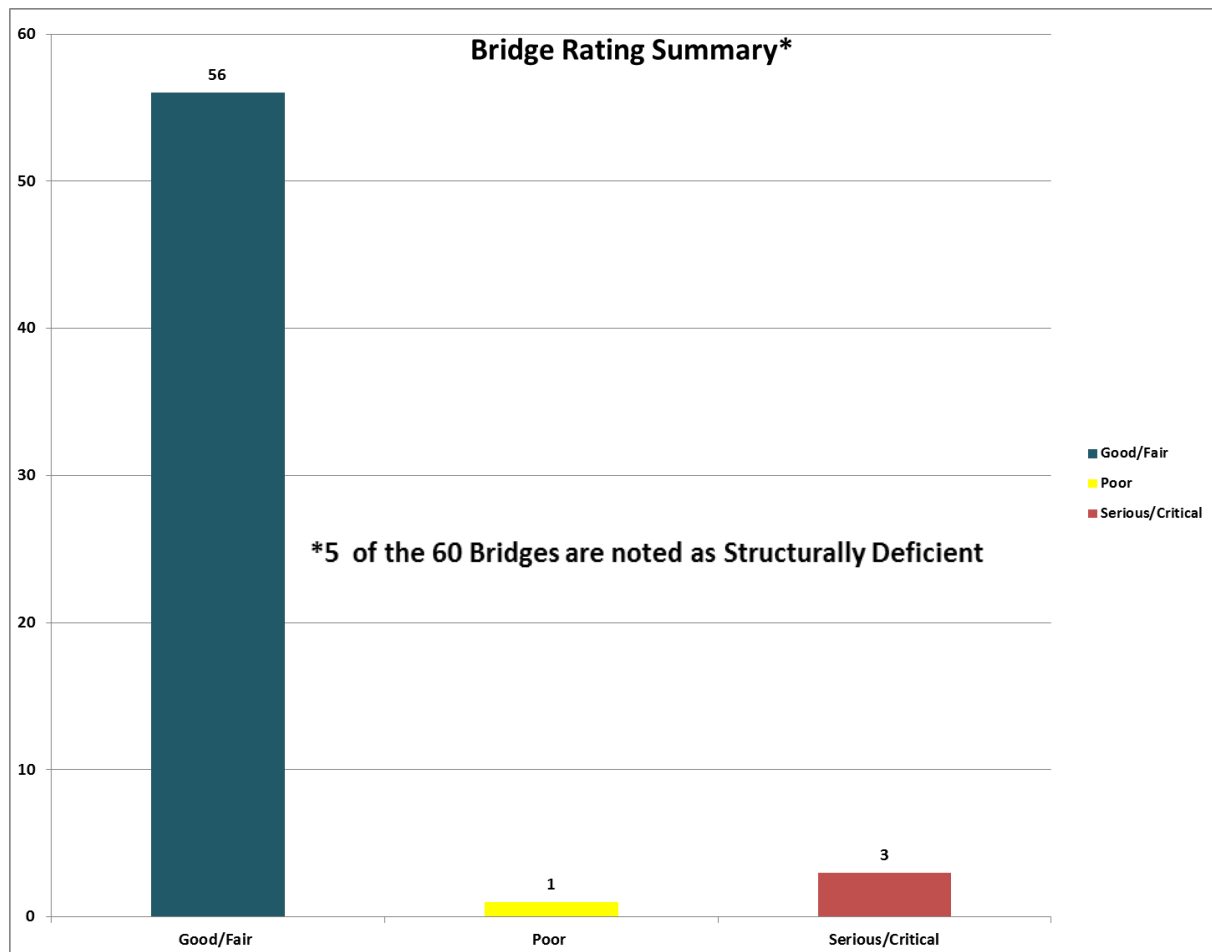
● Local Road Average PASER Rating Summary

● 2012



● Bridge Rating Summary

● 2012



● **Winter Maintenance Expenditure and Snowfall Totals**

● **2006 through 2012**

