
**JACKSON AREA COMPREHENSIVE TRANSPORTATION STUDY (JACTS)
POLICY COMMITTEE**

**FOR FURTHER INFORMATION
CONTACT:**

**Steven Duke, Executive Director
Region 2 Planning Commission
(517) 788-4426**

DATE: Thursday, February 21, 2019

TIME: 8:00 A.M.

**PLACE: Jackson Co. Tower Bldg.
120 W. Michigan Ave., - 5th Floor
Jackson, MI 49201**

A G E N D A

Comments will be solicited on each item following discussion and prior to any final action.

1. Call to Order
2. Public Comment
3. Approve Minutes of the Policy Committee Meeting of January 16, 2019 and Receive the Minutes of the Technical Advisory Committee Meeting of January 17, 2019 (see enclosure) – **ACTION**
4. Agency Status Reports (see enclosures) – **DISCUSSION**
 - City of Jackson
 - Jackson Area Transportation Authority
 - Jackson County Department of Transportation
 - Michigan Department of Transportation
 - Jackson County Airport-Reynolds Field
 - Enterprise Group (<http://www.enterprisegroup.org>)
5. Approval of Amendments to the JACTS FY 2017–2020 Transportation Improvement Program (TIP) (see enclosures) – **ACTION**
 - Michigan Department of Transportation (MDOT)
 - City of Jackson
 - Jackson Area Transportation Authority (JATA)
 - Jackson County Department of Transportation (JC DOT)
 - Village of Brooklyn
 - Village of Grass Lake
 - Village of Parma
6. 2017/2018 Asset Management PASER Report (see enclosure) – **DISCUSSION**
7. JACTS FY 2020-2023 Transportation Improvement Program (TIP) Update (see enclosure) – **DISCUSSION**
8. Joint City of Jackson / Jackson County Non-Motorized Plan Update – **DISCUSSION**
9. Other Business
 - 5-Year Transportation Alternatives Program (TAP) Accomplishments (see enclosure)
10. Public Comment
11. Adjournment

Region 2 Planning Commission



Jackson Area Comprehensive Transportation Study

MINUTES

JACTS POLICY COMMITTEE

Jackson County Tower Building
120 W. Michigan Avenue – 5th Floor
Jackson, Michigan

Thursday, January 17, 2019

Members Present: David Herlein, Spring Arbor Township
Phil Moilanen, Jackson Area Transportation Authority
Jon Dowling, JACTS Technical Advisory Committee Chair
Eric Mullen, MDOT
Bob Welsh, Region 2 Planning Commission
Mike Trudell, Summit Township
Dan Wymer, Napoleon Township
Keith Acker, Sandstone Charter Township
Steve Shotwell, Chair, Jackson County Board of Commissioners
John Feldvary, Jackson County Airport-Reynolds Field
Pete Jancek, Vice-Chair, Blackman Charter Township
Mike Overton, Jackson County Department of Transportation
Derek Dobies, Mayor, City of Jackson
Patrick Burtch, City of Jackson
Judy Southworth (Alt.), Leoni Township

Members Absent: None

Others Present: Steve Duke, Region 2 Planning Commission
Tanya DeOliveira, Region 2 Planning Commission
Mike Davis, Jr., MDOT – University Region
Kelby Wallace, MDOT – Jackson TSC
Dee Parker, MDOT – University Region
Mike Brown, JATA
Angela Kline, Jackson County Department of Transportation

ITEM 1 CALL TO ORDER

Chair Shotwell called the meeting to order at 8:00 AM.

ITEM 2 PUBLIC COMMENT

No public comments were received.

JACTS POLICY COMMITTEE MINUTES

January 17, 2019

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ITEM 3 **APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF DECEMBER 20, 2018 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MINUTES OF DECEMBER 19, 2018**

It was noted that Mr. Overton needed to be added to the members who were present at the December 20 Policy Meeting. A motion was made by Mr. Acker, and supported by Mr. Feldvary, to approve the Policy Committee meeting minutes as amended for December 20, 2018 and receive the Technical Advisory Committee meeting minutes of December 19, 2018 as presented. The motion passed unanimously.

ITEM 4 **AGENCY STATUS REPORTS**

Project status updates were presented by the City of Jackson, Jackson County Department of Transportation (JCDOT), Jackson Area Transportation Authority (JATA), and the Michigan Department of Transportation (MDOT), and the Jackson County Airport-Reynolds Field. The City of Jackson reported that all construction projects are closed for the winter. JCDOT reported that the King Road project will be rebid and let in March or April. The Moon Lake Road Bridge project started in early January. MDOT reported that there is some work on the bridge over the Grand River on I-94 during the winter, and that there is also some winter removal work on the Lakelands Trail project. The M-60 project public meeting will be in late February. The Jackson County Airport reported that the construction on the runway.

ITEM 5 **APPROVAL OF AMENDMENTS TO THE JACTS FY 2017 – 2020 TIP**

Mr. Davis requested the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP). The proposed amendments are:

FY	Job Number	Project Name	Limits	Project Description	Phase	Federal Cost	Fed Fund Source	State Cost	Total Phase Cost	Amendment Type
2019	127537	M-60 E	EB & WB over I94	Bridge Replacement	Utility	\$225,000	IM	\$25,000	\$250,000	Phase Add
2020	127537	M-60 E	EB & WB over I94	Bridge Replacement	CON	\$9,055,800	IM	\$1,006,200	\$10,062,000	Cost Change from \$14,287,073
2020	202571	M-50	M-99 & M-52 & M-124 btwn M-50 & US-12	Non-freeway signing upgrade	CON	\$613,107	STG	\$0	\$613,107	Length Change from 66.128 to 48.865

A motion was made by Mr. Moilanen, supported by Mr. Feldvary, to approve the proposed MDOT amendments as presented. The motion carried unanimously.

ITEM 6 **APPROVAL OF THE RESOLUTION TO SUPPORT MDOT'S SAFETY PERFORMANCE TARGET MEASURES FOR 2019**

Mr. Davis brought forward the Resolution to Support MDOT State Target for Safety Performance Measures. The Federal Highway Administration is requiring that State, MPOs and operators of public transportation establish targets in specific natural performance areas. MPOs will need to either adopt resolutions that state that they are supporting state standards or adopt their own state targets performance measures. The Region 2 Planning Commission staff is recommending that the JACTS MPO support the state target for Safety Performance Measures via the resolution.

JACTS POLICY COMMITTEE MINUTES

January 17, 2019

Page 3

Mr. Welsh asked if the completed report for the 2018 safety performance measures will be available. Mr. Davis said that the information will be provided once it becomes available. Vice-Chair Jancek moved to recommend supporting the adoption of the resolution as it stands to Region 2 Planning Commission, and Mr. Wymer supported the motion. The motion passed unanimously.

ITEM 7 **REVIEW DRAFT JACTS FY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROPOSED PROJECTS**

Mr. Duke reported that a draft list of projects had been developed in late 2018 for the FY 2020 – 2023 TIP. The Jackson County Department of Transportation received an appropriation for one of the projects in the TIP program. Ms. Kline reported that the Jackson County Department of Transportation received an appropriation for \$3.7M for the McDevitt Road project that was programmed for FY 2022 and FY 2023. Utilities and infrastructure under the road will be examined and addressed prior to the project being constructed. The TIP subcommittee will be meeting on Friday, January 18 at 8:30 AM to discuss reprogramming the funding.

ITEM 8 **JOINT CITY / COUNTY NON-MOTORIZED PLAN UPDATE**

Ms. DeOliveira reported that the contract between the Region 2 Planning Commission and the Greenway Collaborative was signed at the January Region 2 Planning Commission meeting. Staff met with the consultant to share previous plans, studies, and relevant reports that provide foundational element to the project. Work on the project has begun.

ITEM 9 **WEST AVENUE / I-94 INTERCHANGE ALTERNATE DESIGN OPTIONS UPDATE**

Mr. Davis shared that the project public meeting will be on February 25 in Blackman Township. No other work is occurring on the project at this time.

ITEM 10 **OTHER BUSINESS**

Mr. Mullen reported that the Public Participation Plan for the State Long Range Transportation Plan is open for public comment. MDOT will be inviting 10,000 members of the public to telephone town halls where 20 MDOT staff will be available to answer questions about the plan and MDOT. More information about the telephone town halls will be made available.

ITEM 11 **PUBLIC COMMENT**

No public comments were received.

ITEM 12 **ADJOURNMENT**

Chair Shotwell adjourned the meeting at 8:45 AM.

Tanya DeOliveira, AICP
Principal Transportation Planner

Region 2 Planning Commission



Jackson Area Comprehensive Transportation Study

MINUTES

JACTS TECHNICAL ADVISORY COMMITTEE

Jackson City Hall
161 W. Michigan Ave. – 10th Floor
Jackson, MI 49201

Wednesday, January 16, 2019

Members Present: Jeff Franklin, MDOT- Lansing
Mike Davis (Alt.), MDOT-University Region
Jon Dowling, Chair, City of Jackson – Engineering
Angela Kline, Vice-Chair, Jackson County Dept. of Transportation
Bret Taylor, Jackson County Dept. of Transportation
Jeff Wickman, Jackson Area Transportation Authority
Steve Duke, Region 2 Planning Commission
Amy Guerriero, The Enterprise Group
Jack Ripstra, Blackman Charter Township
Troy White, City of Jackson-Engineering

Members Absent: Andy Pickard, FHWA (Ex-officio)
Juan Zapata, Jackson County Airport – Reynolds Field
Jonathon Green, City of Jackson Public Works

Others Present: Tanya DeOliveira, Region 2 Planning Commission
Jason Pittman, MDOT– Jackson TSC
Ben Gershman, Jackson County Dept. of Transportation

ITEM 1 CALL TO ORDER

Chair Dowling called the meeting to order at 9:35 AM.

ITEM 2 PUBLIC COMMENT

No public comments were received.

ITEM 3 APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF DECEMBER 19, 2018 AND RECEIVE THE POLICY COMMITTEE MINUTES OF DECEMBER 20, 2018

A motion was made by Vice-Chair Kline, supported by Mr. Ripstra, to approve the Technical Advisory Committee meeting minutes of December 19, 2018 and receive the Policy Committee meeting minutes of December 20, 2018 as presented. The motion passed unanimously.

ITEM 4 **AGENCY STATUS REPORTS**

Project status updates were presented by the City of Jackson, Jackson County Department of Transportation (JCDOT), Jackson Area Transportation Authority (JATA), the Michigan Department of Transportation (MDOT), and the Enterprise Group. The City of Jackson reported that all construction projects are closed for the winter. There was a discussion about the traffic circle being developed for the intersection of Greenwood, S Jackson, and Wilkins streets. JCDOT reported that the King Road project will be rebid and let in March or April. The Moon Lake Road Bridge project has been demolished. MDOT reported that there is some winter bridge work on I-94, and that there is also some winter removal work on the Lakelands Trail project. The Enterprise Group reported that there are two projects with site plan reviews underway. One is for a Dollar General in Blackman Township on East Michigan Avenue.

ITEM 5 **APPROVAL OF AMENDMENTS TO THE JACTS FY 2017 – 2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Mr. Davis reported that MDOT was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Job Number	Project Name	Limits	Project Description	Phase	Federal Cost	Fed Fund Source	State Cost	Total Phase Cost	Amendment Type
2019	127537	M-60 E	EB & WB over I94	Bridge Replacement	Utility	\$225,000	IM	\$25,000	\$250,000	Phase Add
2020	127537	M-60 E	EB & WB over I94	Bridge Replacement	CON	\$9,055,800	IM	\$1,006,200	\$10,062,000	Cost Change from \$14,287,073
2020	202571	M-50	M-99 & M-52 & M-124 btwn M-50 & US-12	Non-freeway signing upgrade	CON	\$613,107	STG	\$0	\$613,107	Length Change from 66.128 to 48.865

A motion was made by Ms. Guerriero, supported by Mr. Ripstra, to approve the proposed MDOT amendments as presented. The motion carried unanimously.

ITEM 6 **APPROVAL OF THE RESOLUTION TO SUPPORT MDOT'S SAFETY PERFORMANCE TARGET MEASURES FOR 2019**

Mr. Davis brought forward the Resolution to Support MDOT State Target for Safety Performance Measures. The Federal Highway Administration is requiring that State, MPOs and operators of public transportation establish targets in specific natural performance areas. MPOs will need to either adopt resolutions that state that they are supporting state standards or adopt their own state targets performance measures. The Region 2 Planning Commission staff is recommending that the JACTS MPO support the state target for Safety Performance Measures via the resolution.

Ms. Guerriero moved to recommend supporting the adoption of the resolution as it stands to JACTS Policy and the Region 2 Planning Commission committees, and Mr. Ripstra supported the motion. The motion passed unanimously.

ITEM 7 **REVIEW DRAFT JACTS FY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROPOSED PROJECTS**

Mr. Duke reported that a draft list of projects had been developed in late 2018. The Jackson County Department of Transportation recently received an appropriation for one of the projects in the TIP program, and the TIP subcommittee will need to reconvene to discuss reprogramming the funds. Vice-Chair Kline reported that the Jackson County Department of Transportation received an appropriation for \$3.7M for the McDevitt Road project that was programmed for FY 2022 and FY 2023. It was decided that the subcommittee will be meet on Friday, January 18.

ITEM 8 **JOINT CITY / COUNTY NON-MOTORIZED PLAN UPDATE**

Ms. DeOliveira reported that the contract between the Region 2 Planning Commission and the Greenway Collaborative had been signed at the January Region 2 Planning Commission meeting. Staff has met with the consultant to share previous plans, studies, and relevant reports that provide foundational element to the project. The project will take a little more than a year to complete.

ITEM 9 **WEST AVENUE / I-94 INTERCHANGE ALTERNATE DESIGN OPTIONS UPDATE**

Mr. Davis shared that the project public meeting will be on February 25 in Blackman Township. No other work is occurring on the project at this time.

ITEM 10 **OTHER BUSINESS**

No other business was reported.

ITEM 11 **PUBLIC COMMENT**

No public comments were received.

ITEM 12 **ADJOURNMENT**

There being no further business, Chair Dowling adjourned the meeting at 10:45 AM.

Tanya DeOliveira
Principal Transportation Planner

TO: JACTS Technical Advisory and Policy Committees

DATE: February 11, 2019

FROM: Jon H. Dowling, P.E.

SUBJECT: TIP Project Status

2018

Fourth Street: Horton to Audubon (Urban) – Roadway resurfacing with a new roundabout at Hickory and Fourth. MSG is the City's consultant. The project was in the MDOT July letting with Bailey Excavating as the low bidder. **The area around the roundabout is complete. The project has shut down for the winter with the West Ave and Fourth Street roundabout and the remainder of the paving to be finished next spring with a start date of June 3, 2019 after the Rose Parade on Fourth Street.**

Fourth Street and Horton Intersection (Urban) – Intersection realignment and new Traffic Signal. HRC is the City's consultant. The project was in the MDOT August letting with Hoffman as the low bidder. **The start date will be on June 3 , 2019 after the Rose Parade on Fourth Street.**

2019

Greenwood/Jackson Streets: Morrell to Franklin (Urban) – Reconstruct roadway. HRC is the City's consultant on this project. **Plans have been sent to MDOT and a Grade Inspection meeting is scheduled for February 11, 2019.**

2020

Francis Street: Morrell to Mason (Urban) – Reconstruct roadway. HRC is the City's consultant on this project and survey and design work has started.

PROJECT REPORT
2017-2020 TIP

February 2019

FY2018

1. Vehicle Procurements
 - a. (1) Utility Work Truck – Vehicle has been ordered and is expected to arrive near the end of February 2019.
2. Facility Upgrades
 - a. Replace HVAC system at main office – Solicitation has been released. Deadline to submit proposals is Feb. 28th, 2019.

FY2019

1. Vehicle Procurements
 - a. (4) Medium duty vans – First two vans are ordered. We are expecting them to be delivered towards the end of March 2019.
 - b. (1) Gillig Bus Replacement – This bus is ordered and is expected to be delivered either Dec. 2019 or Jan. 2020.
2. Bus & Bus Components
 - a. Replace radio system and bus radios –Project will begin sometime Spring 2019.
3. Facility Upgrades
 - a. Admin office rehab and update – Project will begin in 2019.
 - b. Surveillance upgrades (cameras, gates, etc.) – Project will begin in 2019.



Jackson County

Department of Transportation



Christopher J. Bolt, MPA, PE
Managing Director

Angela N. Kline, PE
Director of Engineering
Deputy Managing Director

Robert D. Griffis
Director of Operations
Deputy Managing Director

Keeping Our Community Safely in Motion...

JACTS Update

February 2019

2018 PROJECTS

- **BERRY ROAD (RIVES EATON ROAD TO LANSING AVE)), RIVES EATON ROAD (PERRINE ROAD TO BERRY ROAD) and WEST MICHIGAN AVE (GLASGOW ROAD THROUGH PARMA VILLAGE)**
 - Work is complete
- **AIRPORT ROAD AND COUNTY FARM ROAD INTERSECTION**
 - Work is complete.
- **ANN ARBOR ROAD PATHWAY**
 - Work is complete.
- **KING ROAD**
 - Will be in a March or April letting.
- **MOON LAKE ROAD BRIDGE**
 - Project is under construction.
- **NORVELL ROAD**
 - This project is shut down for the winter and will begin in the spring.
- **RIVES JUNCTION ROAD PATHWAY**
 - This project will be finished in the spring.
- **WEST MICHIGAN AVE FROM M-60 TO GLASGOW**
 - This project will be finished in the spring.

- **MICHIGAN AVE BRIDGE**
 - We are submitting the final plans to MDOT by end of March.
- **PREVENTATIVE MAINTENANCE**
 - The project will begin in the spring.
 - Preventative Maintenance work is planned for the following roads:
 - Napoleon Road (M-50 to Lee)
 - Berry Road (Lansing to M-106)
 - Callahan Road (W. Michigan to Devereaux)
 - Bowerman Road (Fowler to Cochran)
 - Fowler Road (Rountree to Bowerman)
 - Rountree Road (County line to Fowler)
 - Pink Street (County line to M-124)
 - Territorial Road (M-106 to M-52)

2019 PROJECTS

- **LAURENCE ROAD**
 - We have our GI scheduled for February 14, 2019.
- **W. MICHIGAN AVE**
 - On the TIP amendment for this month.
- **PREVENTATIVE MAINTENANCE, CHIP SEAL - The locations below are on a TIP Amendment as a preventative maintenance project to be completed by Force Account by JCDOT Maintenance crews.**
 - Meridian Rd (Bunkerhill Rd to Ingham County Line) and Bunkerhill Rd (M106 to Ingham County Line)
 - Cement City Rd (Lenawee County Line to Brooklyn Village Limits), Brooklyn Rd (Lenawee County Line to M50) and Race Rd (I-94 to Seymour Rd)
 - Rives Junction Rd. (Springport to M-50, and Rives Twp Line to Perrine Rd)
 - Onondaga Rd (M50 to Eaton County Line), Woodard Rd (M50 to Maple Lane Rd)
- **PREVENTATIVE MAINTENANCE, 1.5" OVERLAY – The locations below are on a TIP Amendment as a preventative maintenance project to contract out 1.5" overlays.**
 - Pope Church Rd (Crawford Rd to M50)
 - Town Rd (N Parma Rd to Springport Rd)
 - Devereaux Rd (Calhoun Rd to Rogers Rd)
 - Springport Rd (Blackman Rd to Town Rd)

- Rives Eaton (Perrine Rd to Baseline Rd)
- Churchill Rd (Rives Eaton Rd to Baseline Rd)
- Mt. Hope Rd (I-94 to M106)
- Case Rd (Brooklyn Village Limits to Mill Rd)



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
JACKSON TRANSPORTATION SERVICE CENTER

PAUL AJEGBA
DIRECTOR

February 20, 2019

FY 2019

Construction:

I-94 (M-60 to Sargent) Cooper Street bridge over I-94 closure will begin during the week of March 11th. Closure expected until near October 2019.

I-94 (Over Conrail and the Grand River) – Bridge Replacement

I-94 (M-60 to Sargent Rd) – Reconstruction and rehabilitation

I-94 (M-106 NB & SB (Cooper St)) – Bridge Replacement

M-106 (Ganson to Porter) - CPM resurfacing

Public meeting to discuss 2019 construction on I-94 and future construction on February 25th at Blackman Township Hall from 1:30 pm until 7 pm, presentations at 2 pm and 6 pm.

M-106 (Lakelands Trail Expansion Phase 1 & 2) – Non-Motorized Trail.

I-94 at Grass Lake Weigh Station Install additional parking. Construction in 2019.

M-124 (US-12 to M-50) is a single course mill & resurface CPM project with TAP funds to pave the gravel shoulder.

M-60 (Chapel to Emerson Rd) – Resurfacing and widening for center left turn lane. Construction expected to begin in March 2019.

Public meeting on February 27th, 2 pm to 7 pm. Spring Arbor Senior Center, 122 Star Road.

US-127 (Ayers to I-94) – CPM project including microsurfacing from Ayers to Floyd and concrete pavement repairs from Floyd to I-94. May be constructed in 2020 to avoid conflicts with I-94 project.

Various traffic signal replacement – Signal modernization project that includes signals at US-127/Jefferson, West Ave (127BR)/Boardman, and EB I-94 exit ramp at West Ave (127BR).

Various routes – pavement markings

Various routes – crack sealing

Design:

M-60 over I-94 - Bridge replacement (2020 construction)

US-127 (I-94 to Parnall) – state funds only, major resurfacing (2020 construction)

M-50 (Brooklyn village limits) – Preventative maintenance resurfacing and ADA ramps (2020 construction)

M-106 and I-94BL – Non-freeway signing upgrade (2020 construction)

I-94 (countywide) – ITS devices (2020 construction)

US-127 (Henry to near Ingham Co Line) – state funds only, major resurfacing (2021 construction)



Jackson County Airport – Reynolds Field

Flying Jackson Forward!

Juan C. Zapata, Airport Manager

JACTS Airport Report February 2019

The main construction project at the airport for 2019 is the terminal apron reconstruction project. This project will rehab the main area for parking visiting airplanes at the airport. This project is scheduled to start on August 14, right after the Consumers Energy 400 weekend. The project will be divided into two phases to minimize the impact to airport users. We expect this project to be completed by early October.





GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

February 20, 2019

Mr. Steve Duke,
Executive Director
Region 2 Planning Commission
Jackson County Tower Building
120 W. Michigan Avenue, 9th Floor
Jackson, Michigan 49201

Dear Mr. Duke:

This letter is sent by the Michigan Department of Transportation (MDOT) to inform the Jackson Area Comprehensive Transportation Study committees of seven TIP amendments to the FY 2017-2020 Transportation Improvement Plan (TIP).

Fiscal Year	Job no.	Phase	Project Name	Limits	Length	Project Description	Federal Budget	Federal Fund Source	State Budget	Total Phase Cost	Amendment Type
2019	206049*	PE	US-127	US-127south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$8,200	NH	\$1,800	\$20,000	Phase Add
2019	201002	CON	US-127	Ayres Road to Floyd Road	1.54	Road Capital Preventive Maintenance	\$405,158	NH	\$89,843	\$495,000	Cost Changed from \$733,159
2020	206562*	CON	University Region Pavement Marking Retro Readings	All of REGION2 MPO	3.029	Pavement marking retroreflectivity readings on trunklines in University Region	\$1,944	HSIP	\$216	\$15,000	Phase Add
2020	206049*	CON	US-127	US127 south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$42,640	NH	\$9,360	\$104,000	Phase Add



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

2019	201002	CON	US-127	Ayres Road to Floyd Road	1.54	Road Capital Preventive Maintenance	\$405,158	NH	\$89,843	\$495,000	Cost Changed from \$733,159
2020	206553*	CON	University Regionwide Longline Pavement Markings	All of REGION2 MPO	3.282	Longitudinal marking application on trunklines in University Region	\$354,456	HSIP	\$39,384	\$2,735,000	Phase Add
2020	206555*	CON	University Regionwide Special Pavement Markings	All of REGION2 MPO	2.315	Special marking application on trunklines in University Region	\$66,096	HSIP	\$7,344	\$510,000	Phase Add
2020	206553*	PE	University Regionwide Longline Pavement Markings	All of REGION2 MPO	3.282	Longitudinal marking application on trunklines in University Region	\$324	HSIP	\$36	\$2,500	Phase Add
2020	206555*	PE	University Regionwide Special Pavement Markings	All of REGION2 MPO	2.315	Special marking application on trunklines in University Region	\$648	HSIP	\$72	\$5,000	Phase Add
	* Multi-MPO Jobs										

Thank you for your attention to this request. If you have any questions or need additional information, please contact me at 517-750-0405

Sincerely,
Mike Davis, Transportation Planner
Jeff Franklin, Transportation Planner

February 11, 2019

Steve Duke, Executive Director
Region 2 Planning Commission
120 W. Michigan Avenue
Jackson MI 49201

Re: FY 2019 TIP Amendment

Dear Mr. Duke:

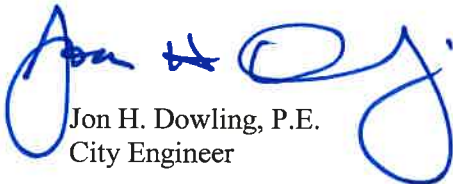
The City of Jackson is hereby requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory & JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY 2017-2020:

FY	Street	Description	Length	Funding	Action
2019	Francis St - Morrell St To Mason St	Reconstruct	0.204	Federal \$587,000 City \$146,750	Move to 2020
2020	Greenwood and Wilkins - Morrell St to Jackson St	Reconstruct	0.186	Federal \$587,000 City \$146,000	Delete
2019	Greenwood/Jackson Morrell St to Franklin St	Reconstruct	0.450	Federal \$783,234 Local \$1,227,784	Add

During the TIP selection process for FY 2020-2023 additional funds were available for FY 2019. In the FY 2017-2020 TIP the City of Jackson had Francis Street in FY 2019 and Greenwood in FY 2020. To utilize the additional funding the City requested to shift Francis Street to FY 2020 and Greenwood to FY 2019 and extend the project length. This amendment is to amend the current TIP to accommodate these changes.

Thank you for your assistance with this request. If you have any questions or need additional information, please contact me at (517) 788-4160.

Sincerely,



Jon H. Dowling, P.E.
City Engineer

C: Patrick H. Burtch, City Manager
Troy R. White, P.E., Assistant City Engineer

Memorandum



To: Executive Director Region 2 Planning Commission, Steve Duke

From: Executive Director, Michael Brown

Date: February 7th, 2019

Subject: Request for TIP Amendments to 2017-2020 Transportation Improvement Program (TIP)

The Jackson Area Transportation Authority (JATA) is requesting that the Region 2 Planning Commission approve an amendment to the current TIP to add a project to replace fencing at JATA's Administrative Facility. JATA has applied for this Capital Request on its FY2019 State Application. There is no Local Cost for this amendment. The table below shows the specific project information we would like added to the TIP.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2019	Fencing/Gates Replacement	County wide	Facility Improvement	Replacing fencing/gates	\$120,800	5339	\$30,200	CTF	\$151,000

JATA also is requesting that the Region 2 Planning Commission approve an amendment to the current TIP to add a project to replace two passenger buses in JATA's fleet (Bus 487 and 488). JATA is applying for this Capital Request on its FY2020 State Application. There is no Local Cost for this amendment. The table below shows the specific project information we would like added to the TIP.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2020	2 Passenger Buses	County wide	Bus Purchase	Replacing 2 passenger buses	\$740,800	5339	\$185,200	CTF	\$926,000

Thank you,

A handwritten signature in dark ink, appearing to read "Michael D. Brown", is written over a horizontal line.

Michael Brown, Executive Director

Memorandum



To: Executive Director Region 2 Planning Commission, Steve Duke

From: Executive Director, Michael Brown

Date: February 8th, 2019

Subject: Request for TIP Amendments to 2017-2020 Transportation Improvement Program (TIP)

The Jackson Area Transportation Authority (JATA) is requesting that the Region 2 Planning Commission approve an amendment to the current TIP to add a project to replace two vehicles that will have met their useful life by FY2020. JATA was awarded two vehicles via the Rural Task Force in Dec. 2018/Jan. 2019 for these transit vans in FY2020. There is no Local Cost for this amendment. The table below shows the specific project information we would like added to the TIP.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2020	2 Transit Van Replacements	County wide	Vehicle Purchase	Replacing 2 Transit Vans	\$100,000	STP	25,000	CTF	\$125,000

JATA is also requesting that the Region 2 Planning Commission approve an amendment to the current TIP to add a project to replace two vehicles that will have met their useful life by FY2022. JATA was awarded two vehicles via the Rural Task Force in Dec. 2018/Jan. 2019 for these transit vans in FY2022. There is no Local Cost for this amendment. The table below shows the specific project information we would like added to the TIP.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2022	2 Transit Van Replacements	County wide	Vehicle Purchase	Replacing 2 Transit Vans	\$100,000	STP	25,000	CTF	\$125,000

Thank you,

A handwritten signature in red ink, appearing to read "Michael D. Brown", is written over a horizontal line.

Michael Brown, Executive Director



Jackson County

Department of Transportation



Christopher J. Bolt, MPA, PE
Managing Director

Angela N. Kline, PE
Director of Engineering
Deputy Managing Director

Robert D. Griffis
Director of Operations
Deputy Managing Director

Keeping Our Community Safely in Motion...

February 10, 2019

Mr. Steven Duke, Executive Director
Region 2 Planning Commission
120 W. Michigan Ave – 9th Floor
Jackson MI 49201

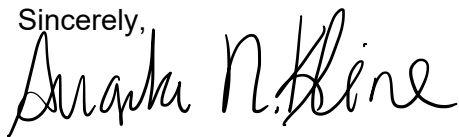
Dear Mr. Duke:

Jackson Department of Transportation is requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory, and JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY2019- 2023:

Fiscal Year	Job #	Project Name	Limits	Project Description	Funding	Action
2019	130207	Michigan Ave	Michigan Ave- W Parma VL to M-99	Preventative Maintenance	\$501,753 STL \$208,693 Local	REMOVE
2019	203005	N Elm Ave	See attached map	Preventative Maintenance	Change from: \$455,073 STL \$113,768 Local Change to: \$4,511,413 STL \$1,503,804 Local	CHANGE COST AND ADD LOCATIONS
2019		Cement City Rd, Brooklyn Rd and Race Rd	See attached map	Preventative Maintenance	\$75,200 STL \$18,800 Local	ADD
2019		Meridian Rd and Bunkerhill Rd	See attached map	Preventative Maintenance	\$75,200 STL \$18,800 Local	ADD
2019		Onondaga Rd and Woodard Rd	See attached map	Preventative Maintenance	\$75,200 STL \$18,800 Local	ADD
2019		Rives Junction Rd	See attached map	Preventative Maintenance	\$75,200 STL \$18,800 Local	ADD

Fiscal Year	Job #	Project Name	Limits	Project Description	Funding	Action
2020	129619	Norvell Rd	Phal Rd to Raby Rd	Mill and Resurface	\$589,150 STL \$147,287 Local	REMOVE
2020	130203	O'Neil Dr	O Neil Dr- Airport Rd to Dead End	Cold mill and resurface	\$280,000 STUL \$70,000 Local	REMOVE
2020		King	Mathews Rd to M-60	Resurface	\$504,000 STUL \$196,000 Local	ADD
2020		Preventative Maintenance	Various Roads	Preventative Maintenance	\$460,000 STL \$110,859 STATE D	ADD
2021		McCain Rd and Robinson Rd	Robinson Rd to Spring Arbor Rd and Spring Arbor Rd to McCain Rd	Reconstruct	\$604,000 STUL \$151,000 Local	ADD
2021		Preventative Maintenance	Various Roads	Preventative Maintenance	\$995,000 STL \$135,859 STATE D	ADD
2022		South St.	Jackson City Limits	M-50	\$514,400 STUL \$128,600 Local	ADD
2022		Preventative Maintenance	Various Roads	Preventative Maintenance	\$915,000 STL \$135,859 STATE D	ADD
2023		Badgley	Horton Rd to Stonewall Rd	Reconstruct	\$553,000 STUL \$138,250 Local	ADD
2023		Preventative Maintenance	Various Roads	Preventative Maintenance	\$1,015,000 STL \$135,859 STATE D	ADD

Sincerely,



Angela N. Kline, P.E.

Director of Engineering

Deputy Managing Director

JACKSON COUNTY DEPARTMENT OF TRANSPORTATION

IN CO-OPERATION WITH THE

MICHIGAN DEPARTMENT OF TRANSPORTATION

AND THE

FEDERAL HIGHWAY ADMINISTRATION

CASE RD, CHURCHILL RD, DEVEREAUX RD, MT HOPE RD, POPE CHURCH RD, RIVES EATON RD,
SPRINGPORT RD, AND TOWN RD

PREVENTATIVE MAINTENANCE

BLACKMAN, COLUMBIA, GRASS LAKE, NORVELL, PARMA, RIVES, SANDSTONE, TOMPKINS, WATERLOO TOWNSHIPS

JACKSON COUNTY, MICHIGAN

CONTROL SECTION STL

JOB NO.



POPE CHURCH ROAD
ADT=762
COMMERCIAL ADT%=3%
POB: CRAWFORD RD, STA
00+00
POE: M-50, STA 286+52

TOWN ROAD
ADT = 316
COMMERCIAL ADT% =
POB: N PARMA RD, STA
00+00
POE: BLACKMAN RD, STA
417+08

DEVEREAUX ROAD
ADT=450
COMMERCIAL ADT%=3%
POB: CALHOUN RD, STA
10+00
POE: PARMA RD, STA
349+84

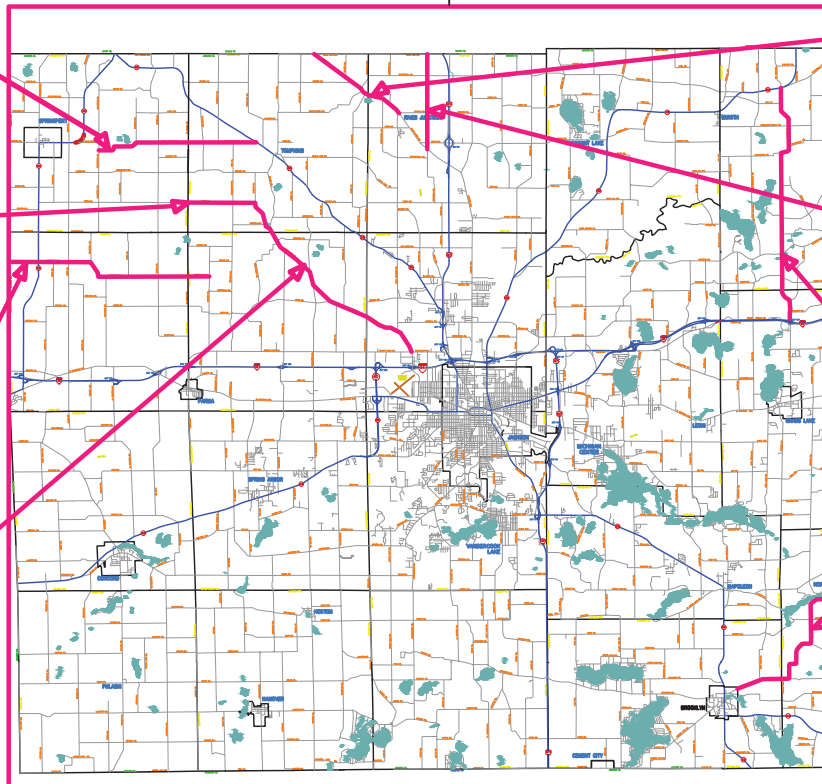
SPRINGPORT ROAD
ADT=1,253
COMMERCIAL ADT%=3%
POB: BLACKMAN RD, STA
00+00
POE: COUNTY FARM RD,
STA 106+70

RIVES EATON ROAD
ADT=950
COMMERCIAL ADT%=3%
POB: PERRINE RD, STA
00+00
POE: BASELINE RD, STA
189+10

CHURCHILL ROAD
ADT=951
COMMERCIAL ADT% =
POB: RIVES EATON RD, STA
00+00
POE: BASELINE RD, STA
171+13

MT HOPE RD
ADT =
COMMERCIAL ADT% =
POB: I-94, STA 00+00
POE: M-106, STA 435+25

CASE RD
ADT = 1,128
COMMERCIAL ADT% =
POB: BROOKLYN VILLAGE
LIMITS, STA 00+00
POE: MILL RD, STA 280+56



GENERAL NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION'S 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED AND OPERATED IN ACCORDANCE WITH THE 2011 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SECTION 812 OF THE MICHIGAN DEPARTMENT OF TRANSPORTATION'S 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION.
3. IMPROVEMENTS COVERED BY THESE PLANS ARE IN ACCORDANCE WITH SECTION D (PM) OF THE MDOT LAP GUIDELINES FOR GEOMETRIC DESIGN 03/04/14.

PROJECT DESCRIPTION:

42.076 MILES OF PREVENTATIVE MAINTENANCE WORK CONSISTING OF 2" OVERLAY, AGGREGATE SHOULDERS, AND NEW PAVEMENT MARKINGS.

ANGELA N. KLINE, P.E.
DIRECTOR OF ENGINEERING

DATE

PREPARED UNDER THE SUPERVISION OF:

COREY CLEVINGER, P.E.
SENIOR CIVIL ENGINEER

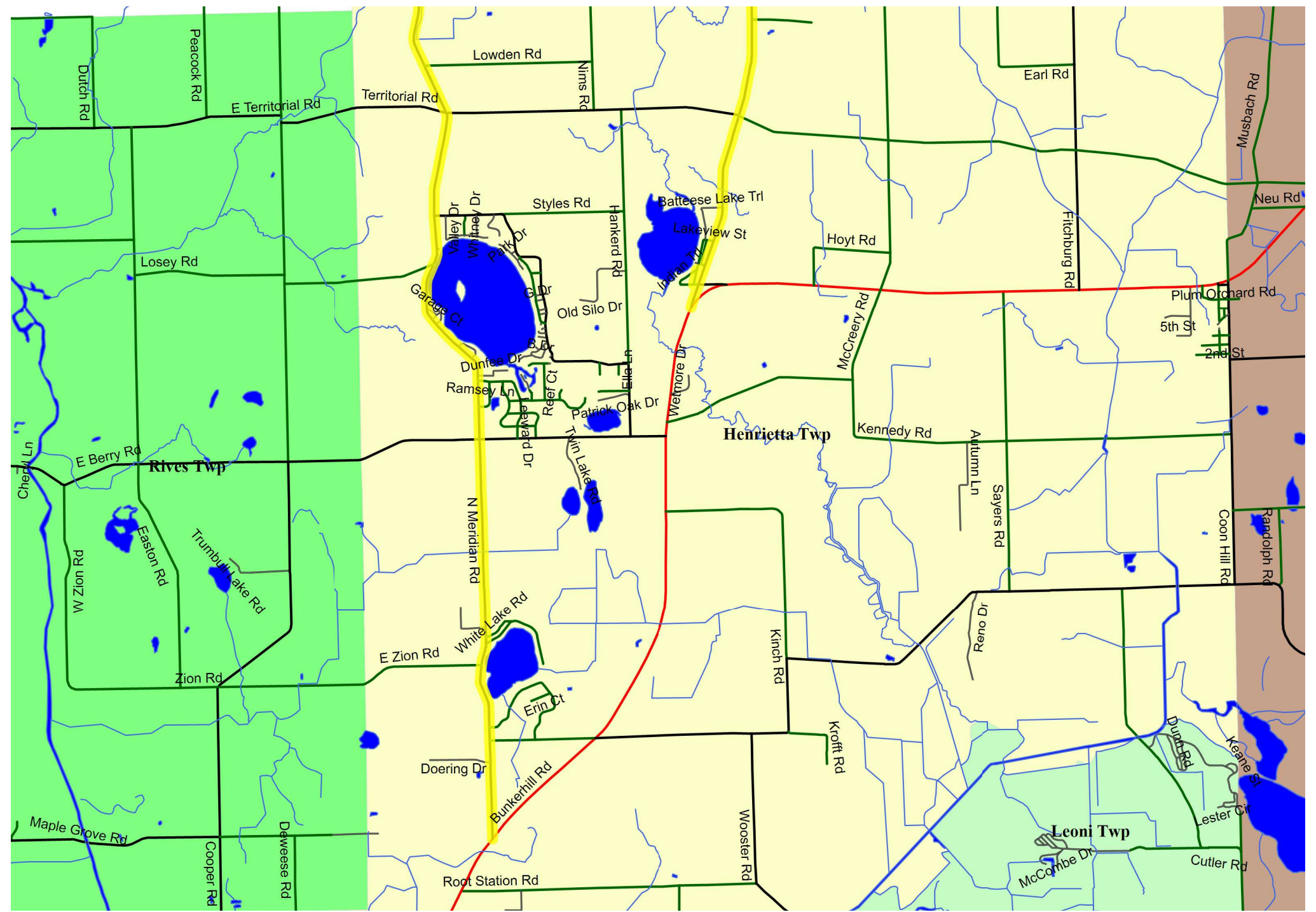
62706

REGISTRATION NUMBER

3.5 mi

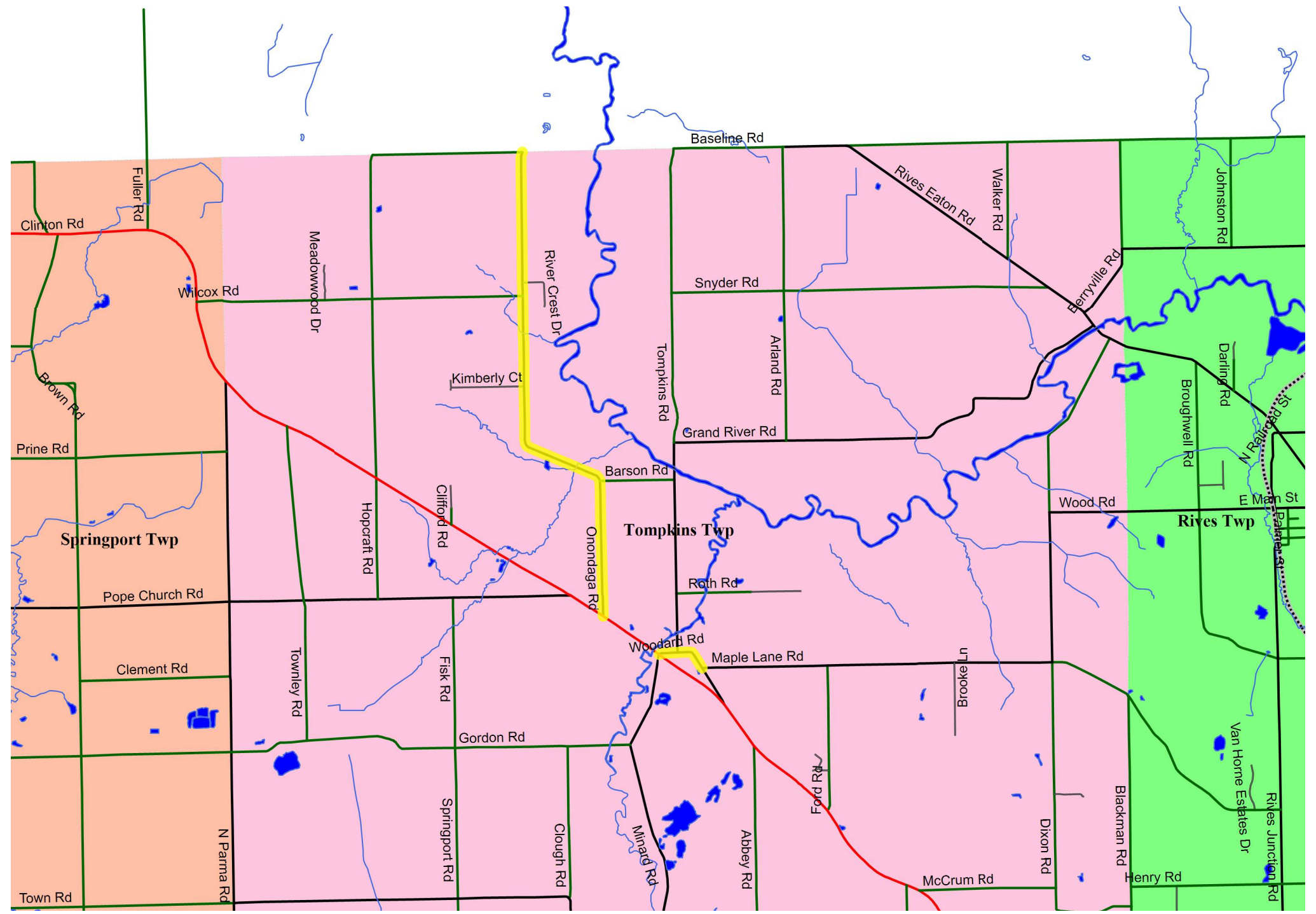
Meridian Road and Bunkerhill Road

Project Package 2



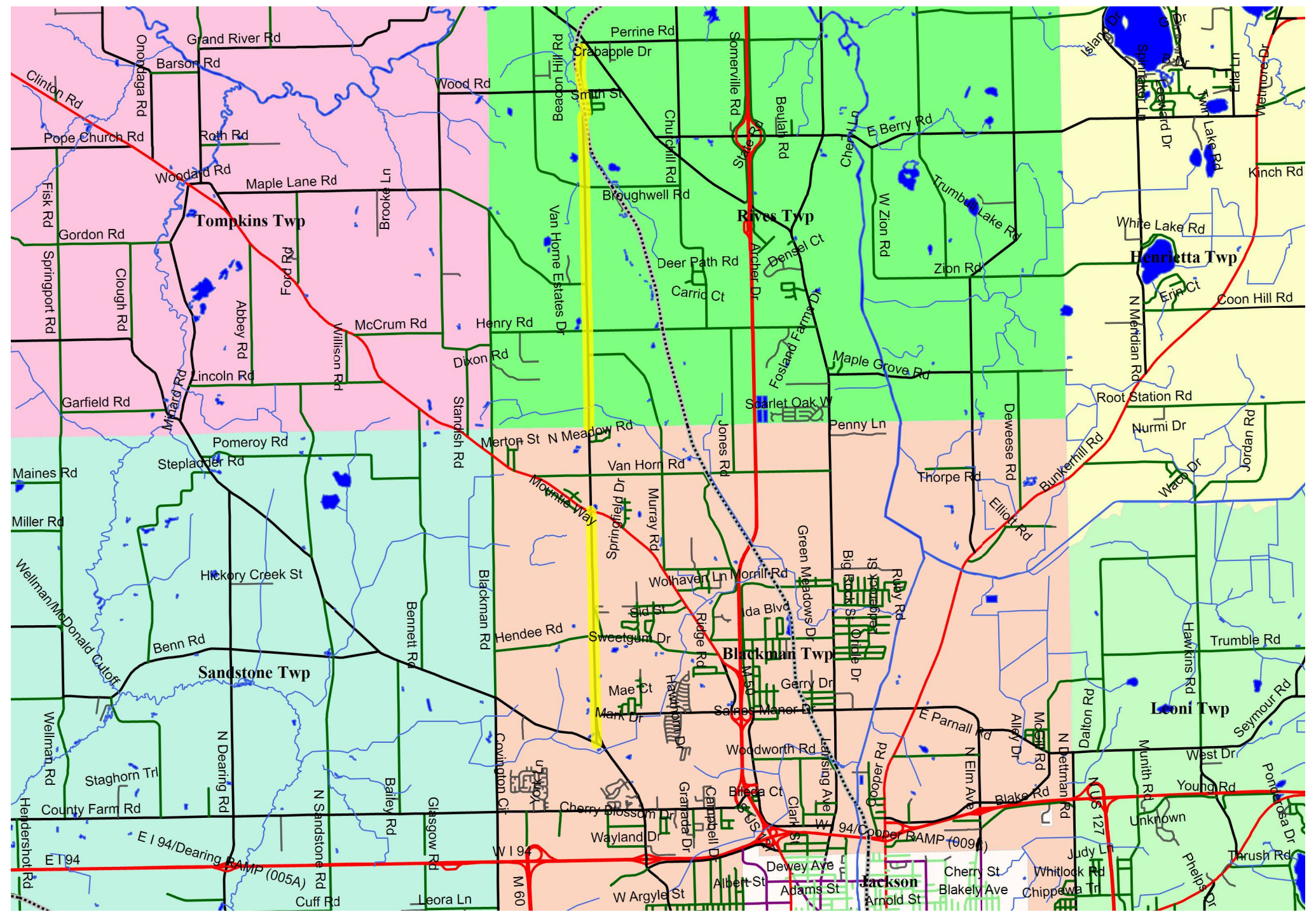
Onondaga Road and Woodard Road

Project Package 1



Rives Junction Road (Rural Portion)

Project Package 4



Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

February 11, 2019

Steve Duke, Executive Director
Region 2 Planning Commission
120 W Michigan Avenue
Jackson, MI 49201

Re: FY2020 TIP Amendment for the Village of Brooklyn

Dear Mr. Duke,

The Village of Brooklyn is requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory, and JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY 2020:

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	Marshall St	Marshall St to W. Brooklyn Village Limit to Brooklyn Rd/N. Main St N Main St (M-50) to Constitution Ave (west Village Limits at Jefferson Rd)	Road Rehabilitation Reconstruction	STP: \$116,000 \$216,000 State D: \$100,000 Local: \$54,000 Total: \$270,000	-Change in work type and project description. -Increase STP (federal) funding -Remove State D funding because not an "all-season" road.

Upon reviewing the Programming Applications for the project, MDOT requires that the change shown be made to align the TIP with the work included in the plan for the project. The changes are:

1. Change the work type and project description from Road Rehabilitation to Reconstruction.
2. Change in Limits
3. Change in funding:
 - a. Increase in STP (federal) funding, and
 - b. Removal of State D funding because the road is not an "all-season" road.

Thank you for your assistance with this request.

Sincerely,


Ms. Tanya DeOliveira, AICP
Principal Transportation Planner

Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

February 11, 2019

Steve Duke, Executive Director
Region 2 Planning Commission
120 W Michigan Avenue
Jackson, MI 49201

Re: FY2020 TIP Amendment for the Village of Parma

Dear Mr. Duke,

The Village of Parma is requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory, and JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY 2020:

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	N. Union St and S. Union St	North Parma Village Limits to South Parma Village Limits	Milling and One Course Asphalt Overlay	STP: \$200,000 State D: \$25,000 Local: \$25,000 Total: \$250,000	New Project

MDOT requires that new project be included on the TIP. This is a new project to be funded through the Rural Task Force program that was approved at the Full Region 2 Rural Task Force meeting on January 9, 2019.

Thank you for your assistance with this request.

Sincerely,


Ms. Tanya DeOliveira, AICP
Principal Transportation Planner

Region 2 Planning Commission

Serving Hillsdale, Jackson and Lenawee Counties

February 11, 2019

Steve Duke, Executive Director
Region 2 Planning Commission
120 W Michigan Avenue
Jackson, MI 49201

Re: FY2019 TIP Amendment for the Village of Grass Lake

Dear Mr. Duke,


The Village of Grass Lake is requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory, and JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY 2019:

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2019	E. Michigan Ave and N. Union St	Village Limit and E. Michigan Ave to Village Limit and Village Limit	Milling & One Course Asphalt Overlay	STP: \$280,000 State D: \$70,000	New Project

MDOT requires that new project be included on the TIP. This is a new project to be funded through the Rural Task Force program that was approved at the Full Region 2 Rural Task Force meeting on January 9, 2019.

Thank you for your assistance with this request.

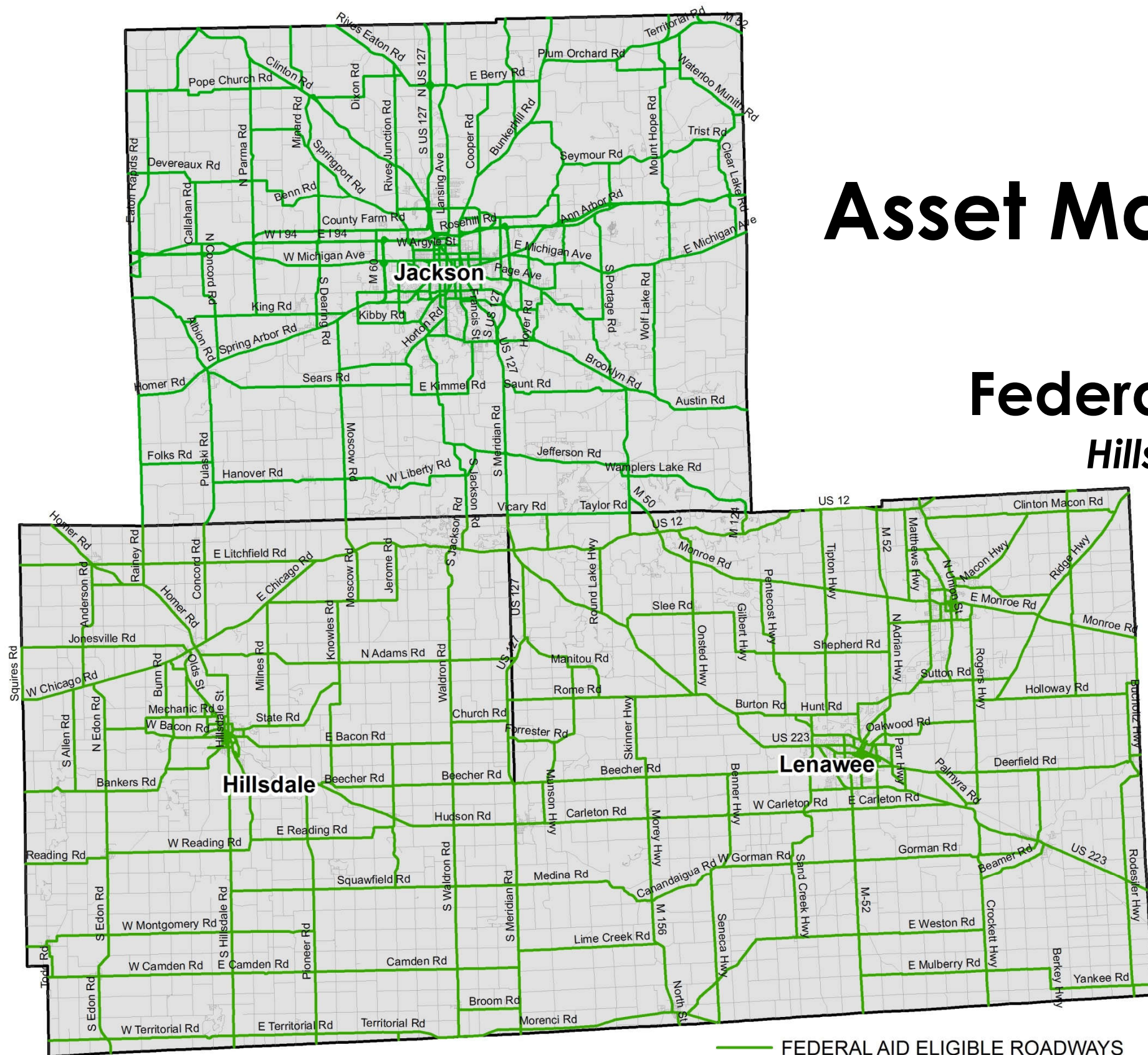
Sincerely,


Ms. Tanya DeOliveira, AICP
Principal Transportation Planner

2017-2018 Asset Management Report

Federal-Aid Eligible Roadways
Hillsdale, Jackson, & Lenawee Counties

January 2019



Region 2
Planning Commission
Serving Hillsdale, Jackson and Lenawee Counties



2017-2018 Region 2 Area
Asset Management Report

Federal-Aid Eligible Roads
Hillsdale, Jackson, & Lenawee Counties

January 2019



The Asset Management Program for Federal-Aid Eligible Roads in the Region 2 Area (Hillsdale, Jackson, and Lenawee Counties) is administered by the Region 2 Planning Commission (R2PC) and funded by the Michigan Department of Transportation (MDOT). The 2017-2018 Asset Management Report was prepared by the R2PC.

The Asset Management Program is led by the statewide Transportation Asset Management Council, an eleven-member body consisting of representatives from the Michigan Municipal League, Michigan Township Association, Michigan Transportation Planners Association, Michigan Association of Regions, Michigan Association of Counties, the County Road Association of Michigan, and MDOT. The mission of the Transportation Asset Management Council is:

“Advise the State Transportation Commission on a statewide asset management strategy and the necessary procedures and analytical tools to implement such a strategy on Michigan’s highway system in a cost-effective, efficient manner”.





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Introduction

The [Asset Management Program](#) in the Region 2 Area is a continuous effort to monitor the surface conditions of federal-aid eligible roads (except for minor collectors) in Hillsdale, Jackson and Lenawee Counties. The Program is administered by the [Region 2 Planning Commission](#), with guidance from Michigan's [Transportation Asset Management Council](#) and in collaboration with the [Michigan Department of Transportation](#) (MDOT), two county road commissions, the Jackson County Department of Transportation, and the various cities and villages located in the Region 2 area. MDOT funds the program.

The Asset Management Program involves a strategic approach that assesses the complete road network comprehensively, and provides road agencies with a tool to:

- Manage road infrastructure in the short term
- Plan for future improvements in the long term

The data compiled for the Asset Management Program is gathered in the field and analyzed using a software program known as [RoadSoft](#)¹. Much of the data that pertains to road surface conditions that can be used by road agencies to:

- Monitor the physical condition of the federal-aid roadway network (excluding bridges),
- Optimize the preservation, improvement, and timely replacement of federal-aid roadways.

The Asset Management Program is used to ensure the proper use and performance of the federal-aid road network, a process that involves the continuous assessment of conditions and evaluation of trade-offs between different actions (i.e., a “mix of fixes”).

The data collection effort was originally scheduled to take place over a three-year period, beginning in 2006. Since 2008, the program was extended, and all of the federal-aid roads in each county have been rated over a two-year period (i.e., one-half of the roadways each year) since that time. The following county and local road agencies are also using RoadSoft to rate their local roadway network: the cities of Adrian, Hillsdale, Jackson, Litchfield, and Tecumseh; the Village of Blissfield; and the counties of Hillsdale, Jackson, and Lenawee.

Asset Management strives to gather road ratings that are accurate and consistent. To help ensure consistency, raters are required to attend annual training provided by Michigan Technological University's Center for Technology and sponsored by MDOT.

¹ The Center for Technology ,Michigan Technological University, developed and maintains [RoadSoft](#).

2017-2018 Asset Management Survey Data Collection

The roadway network is comprised of three different types of roadways:

- Principal and Minor Arterials.** Interstates, other freeways, highways, roads, and streets designed to carry large amounts of traffic and to provide access to important destinations (e.g., employment centers, retail districts, etc.);
- Major/Urban Collectors.** Road and streets which function as conduits directing local traffic to arterial roadways and are designed to provide more access to property than arterial; and
- Local Roadways.** Road and streets designed to provide access to property and to carry small amounts of traffic.

The data collection is limited to federal-aid roadways (i.e., arterials and collectors), although various road agencies are also encouraged to rate local roads. Federal-aid roads are eligible for federal transportation funding to be spent on their construction, repair, and maintenance. There are currently 1,713 miles of federal-aid eligible roads in the Region 2 Area:

Hillsdale County	426 miles
Jackson County	687 miles
Lenawee County	600 miles

The highways, roads, and streets which comprise the road network are owned and operated by MDOT, the two road commissions, Jackson County Department of Transportation, and the various municipalities (cities and villages). Data is collected in each county on a biennial basis (half of the network each year) by teams of staff from MDOT, the Region 2 Planning Commission, the county road commission/county department of transportation and/or local municipalities. The following types of data are collected using Roadsoft:

- Lanes.** The number of lanes in each roadway segment, with freeways and boulevards divided into separate segments by direction.
- Surface subtype.** The surface subtype (i.e., asphalt, sealcoat, composite, concrete, or gravel) for each road segment.
- Surface rating.** The condition of those surfaces are rated using the Pavement Surface Evaluation and Rating (PASER) system, according to the scale in Table 1.

Table 1
PASER Rating Scale

Surface Rating		Visible Distress	General Condition/ Treatment Measures
10	Excellent	☞ None	New construction
9	Excellent	☞ None	Recent overlay, like new
8	Very good	☞ No longitudinal cracks (except reflection of paving joints). ☞ Occasional transverse cracks, widely spaced (40 ft. or greater).	Recent sealcoat or new road mix. Little or no maintenance required.
7	Good	☞ Very slight or no raveling, surface shows some traffic wear. ☞ Longitudinal cracks (open ¼ in.) spaced due to reflection or paving joints. ☞ Transverse cracks (open ¼ in.) spaced 10 feet or more apart, little or slight crack raveling. ☞ No patching or very few patches in excellent condition.	First signs of aging. Maintain with routine crack filling.
6	Good	☞ Slight raveling (loss of lines) and traffic wear. ☞ Longitudinal cracks (open ¼ in. – ½ in.) due to reflection and paving joints. ☞ Transverse cracking (open ¼ in. – ½ in.), some spaced less than 10 ft. ☞ Slight to moderate flushing or polishing. ☞ Occasional patching in good condition.	Shows signs of aging, sound structural condition. Could extend life with sealcoat.
5	Fair	☞ Moderate to severe raveling (loss of lines and coarse aggregate). ☞ Longitudinal cracks (open ½ in.) show some slight raveling and secondary cracks. First signs of longitudinal cracks near wheel path or edge. ☞ Transverse cracking and first signs of block cracking. Slight crack raveling (open ½ in.). ☞ Extensive to severe flushing or polishing. ☞ Some patching or edge wedging in good condition.	Surface aging, sound structural condition. Needs sealcoat or non-structural overlay.
4	Fair	☞ Severe surface raveling. ☞ Multiple longitudinal and transverse cracking with slight raveling. ☞ Block cracking (over 25-50% of surface). ☞ Patching in fair condition. ☞ Slight rutting or distortions (1 in. deep or less).	Significant aging and first signs of need for strengthening. Would benefit from recycling or overlay.

(continued)



Table 1
PASER Rating Scale

Surface Rating		Visible Distress	General Condition/ Treatment Measures
3	Poor	<ul style="list-style-type: none">☞ Closely spaced longitudinal and transverse cracks often showing raveling and crack erosion.☞ Block cracking over 50% of surface.☞ Some alligator cracking (less than 25% of surface).☞ Patches in fair to poor condition.☞ Moderate rutting or distortion (1 in. or 2 in. deep).☞ Occasional potholes.	Need patching and major overlay or complete recycling.
2	Very poor	<ul style="list-style-type: none">☞ Alligator cracking (over 25% of surface).☞ Severe distortions (over 2 in. deep).☞ Extensive patching in poor condition.☞ Potholes.	Severe deterioration. Reconstruction with extensive base repair is needed.
1	Failed	<ul style="list-style-type: none">☞ Severe distress with extensive loss of surface integrity.	Failed. Needs total reconstruction.



Hillsdale County

2017 Asset Management Team	2018 Asset Management Team
<div><div></div><div>Laurent Fournier, MDOT University Reg.</div></div> <div><div></div><div>Heather Boyd, Hillsdale CRC</div></div> <div><div></div><div>Alexa Gozdiff, R2PC</div></div>	<div><div></div><div>Laurent Fournier, MDOT University Reg.</div></div> <div><div></div><div>Heather Boyd, Hillsdale CRC</div></div> <div><div></div><div>Susan Richardson, R2PC</div></div>
Survey Dates: 10/2/17, 10/3/17	Survey Date: 9/17/18, 9/18/18

PASER (Pavement Surface Evaluation and Rating) ratings were gathered during the 2018 reporting period for 215 miles of eastern Hillsdale County roads. Nearly 209 miles of roadways were rated in the western half of the County in 2017 (Map 1).

The surveys reveal that of the **federal-aid roadways**:

19% are in very good or excellent condition.

27% are in fair or good condition.

54% are in poor or very poor condition or have failed.

Table 2
2017-2018 Hillsdale County PASER Ratings

PASER Rating	2017		2018		2017-2018	
	Miles	Ratio	Miles	Ratio	Miles	Ratio
10	0.0	0%	0.0	0%	0.0	0%
9	26.8	13%	23.2	11%	50.0	12%
8	6.8	3%	23.0	11%	29.8	7%
7	13.2	6%	10.4	5%	23.6	6%
6	30.3	14%	32.4	15%	62.7	15%
5	21.0	10%	8.6	4%	29.4	7%
4	57.4	27%	10.8	5%	68.2	16%
3	49.8	24%	86.7	40%	136.5	32%
2	4.2	2%	19.7	9%	24.0	6%
1	0.0	0%	0.0	0%	0.0	0%
Total	209.3	100%	214.8	100%	424.2	100%

The federal-aid road network is divided into five different types:

☛ **State trunkline (highways)** comprise 27% of the federal aid-road network. **35%** are in very good or excellent condition. **33%** are in fair or good condition. **32%** of state highways are in poor or very poor condition or have failed.

☛ **County primary roads** comprise 67% of the federal-aid road network. **13%** of primary roads are in very good or excellent condition. **26%** of primary roads are in fair or good condition. **61%** of primary roads are in poor or very poor condition.

☛ **Local county roads** did not comprise any of the ratings for the 2017-2018 collection years.

☛ **Major streets** in cities and villages comprise 7% of the federal-aid road network. **7%** are in very good or excellent condition. **22%** are in fair or good condition. **71%** are in poor or very poor condition or have failed.

☛ **Minor streets** in cities and villages did not comprise any of the ratings for the 2017-2018 collection years.

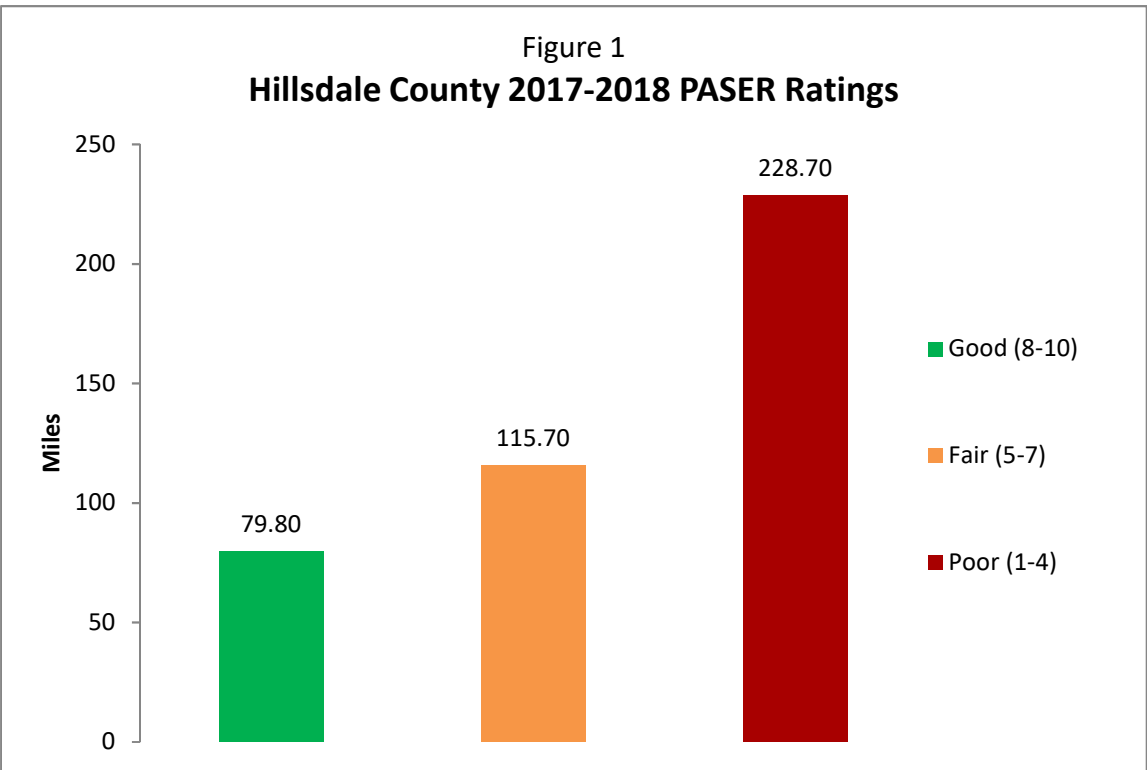
Hillsdale County Ratings History

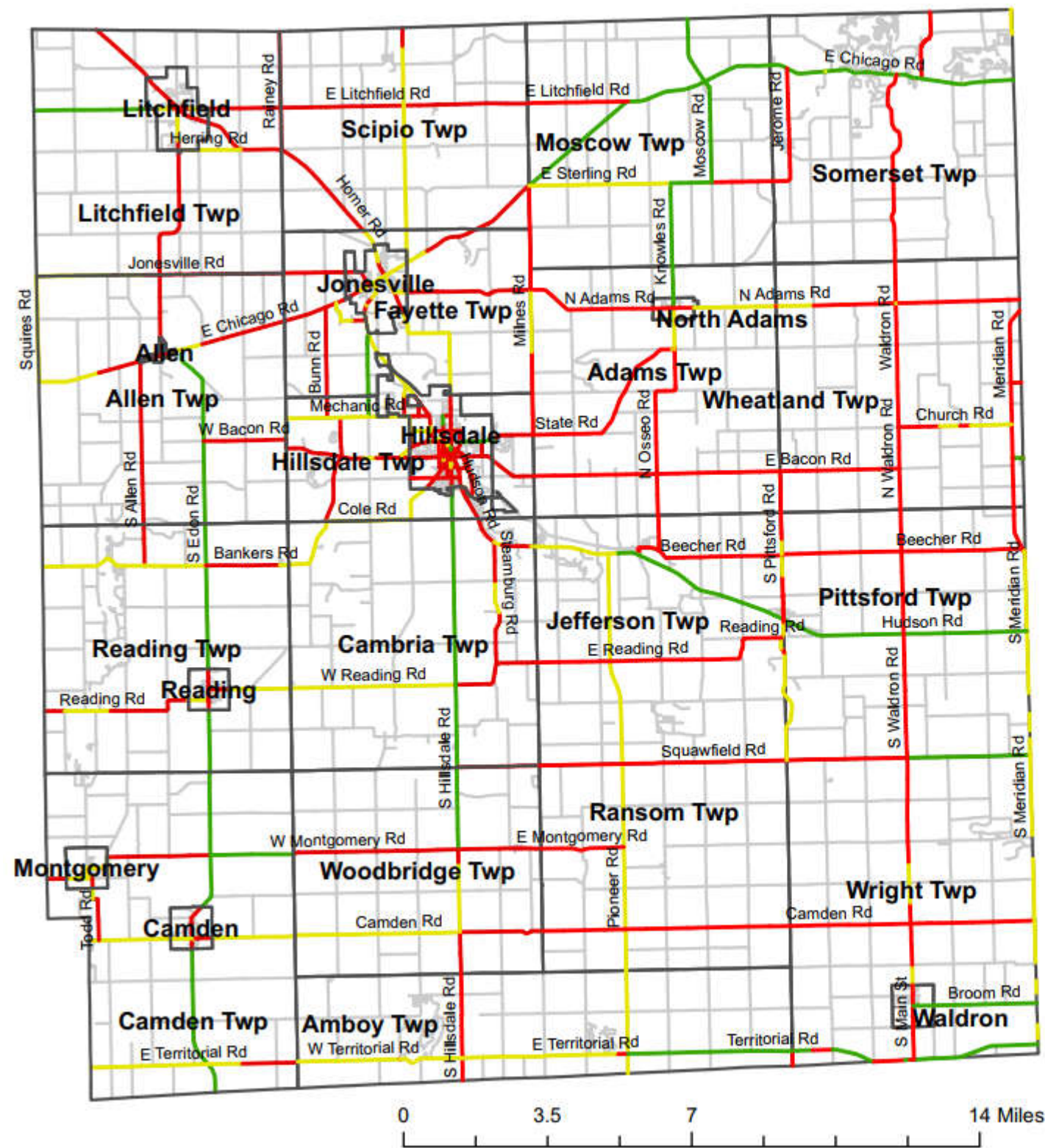
Table 3 provides the PASER ratings for the federal-aid roadway network from 2008 through the 2017-2018 rating cycle for Hillsdale County:

Table 3
History of Hillsdale County PASER Ratings

PASER Rating	2008-2009	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
8-10	40.0%	20.0%	19.7%	19.4%	15.4%	11.2%	16.2%	14.5%	19.0%
5-7	28.1%	54.6%	52.1%	36.5%	38.1%	32.2%	29.1%	29.8%	27.0%
1-4	31.9%	25.4%	28.2%	44.1%	46.5%	56.6%	54.7%	55.7%	54.0%

Figure 1
Hillsdale County 2017-2018 PASER Ratings

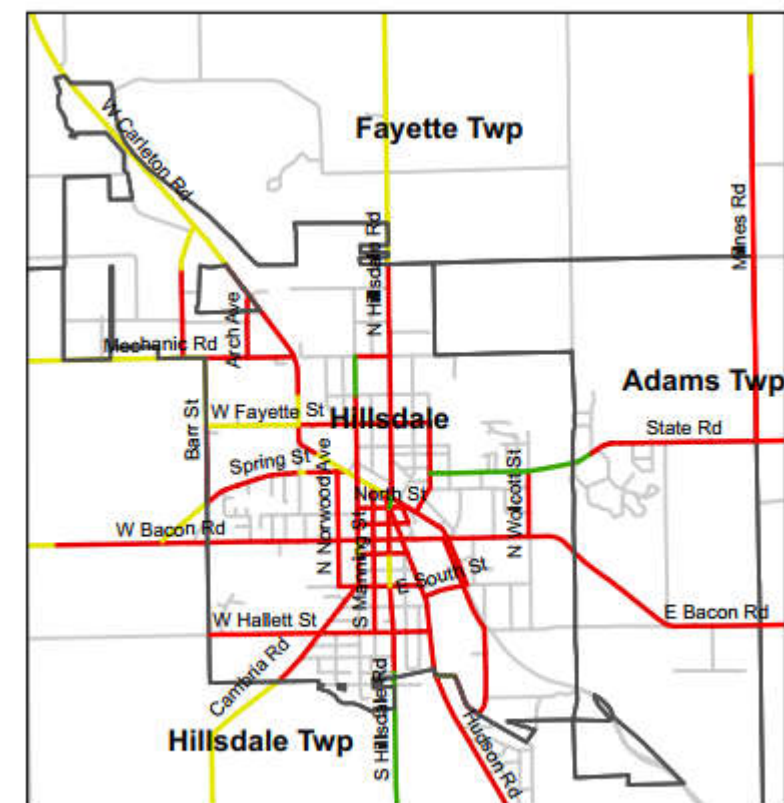




Hillsdale County 2017 - 2018

Asset Management (PASER)
 Surface Condition Ratings

- 1 - 4 Poor
- 5 - 7 Fair
- 8 - 10 Good



0 0.5 1 2 Miles



Jackson County

2017 Asset Management Team	2018 Asset Management Team
<div><div></div> Scott Walter, MDOT University Region</div> <div><div></div> Corey Clevenger, JCDOT</div> <div><div></div> Alexa Gozdfif, R2PC</div> <div><div></div> Jim Biehl, City of Jackson Consultant</div>	<div><div></div> Scott Walter, MDOT University Region</div> <div><div></div> Michael Anderson, JCDOT</div> <div><div></div> Susan Richardson, R2PC</div> <div><div></div> Tanya DeOliveira, R2PC</div>
Survey Dates: 9/26/17, 9/27/17	Survey Dates: 9/20/18, 9/27/18, 9/28/18

PASER (Pavement Surface Evaluation and Rating) ratings were gathered during the 2018 reporting period for 344 miles of Jackson County and City of Jackson roads. In 2017, 329 miles of roads were rated in Jackson County. (Map 2).

The surveys reveal that of the **federal-aid roadways**:

16% are in very good or excellent condition.

39% are in fair or good condition.

45% are in poor or very poor condition or have failed.

The federal-aid road network is divided into five different types:

State trunkline (highways) comprise 34% of the federal aid-road network.

Table 4
2017-2018 Jackson County PASER Ratings

PASER Rating	2017		2018		2017-2018	
	Miles	Ratio	Miles	Ratio	Miles	Ratio
10	18.4	6%	1.1	0%	19.5	3%
9	4.0	1%	15.3	4%	19.3	3%
8	89.1	27%	37.8	11%	126.9	19%
7	87.5	27%	45.5	13%	133.0	20%
6	41.6	13%	56.5	16%	98.1	15%
5	24.4	7%	31.9	9%	56.3	8%
4	26.5	8%	53.3	16%	79.8	12%
3	34.8	11%	94.9	28%	129.7	19%
2	3.1	1%	7.1	2%	10.2	2%
1	0.0	0%	0.0	0%	0.0	0%
Total	329.3	100%	343.4	100%	672.8	100%

32% are in very good or excellent condition. **48%** are in fair or good condition. **20%** of state highways are in poor or very poor condition or have failed.

County primary roads comprise 55% of the federal-aid road network. **23%** are in very good or excellent condition. **40%** are in fair or good condition. **36%** are in poor or very poor condition or have failed.

Local county roads comprise 3% miles of the federal-aid road network. **2%** are in very good or excellent

condition. **28%** are in fair or good condition. **70%** are in poor or very poor condition or have failed.

Major streets in cities and villages comprise 8% of the federal-aid road network. **7%** are in very good or excellent condition. **40%** are in fair or good condition. **54%** are in poor or very poor condition or have failed.

Minor streets in cities and villages did not comprise any of the ratings for the 2017-2018 collection years.

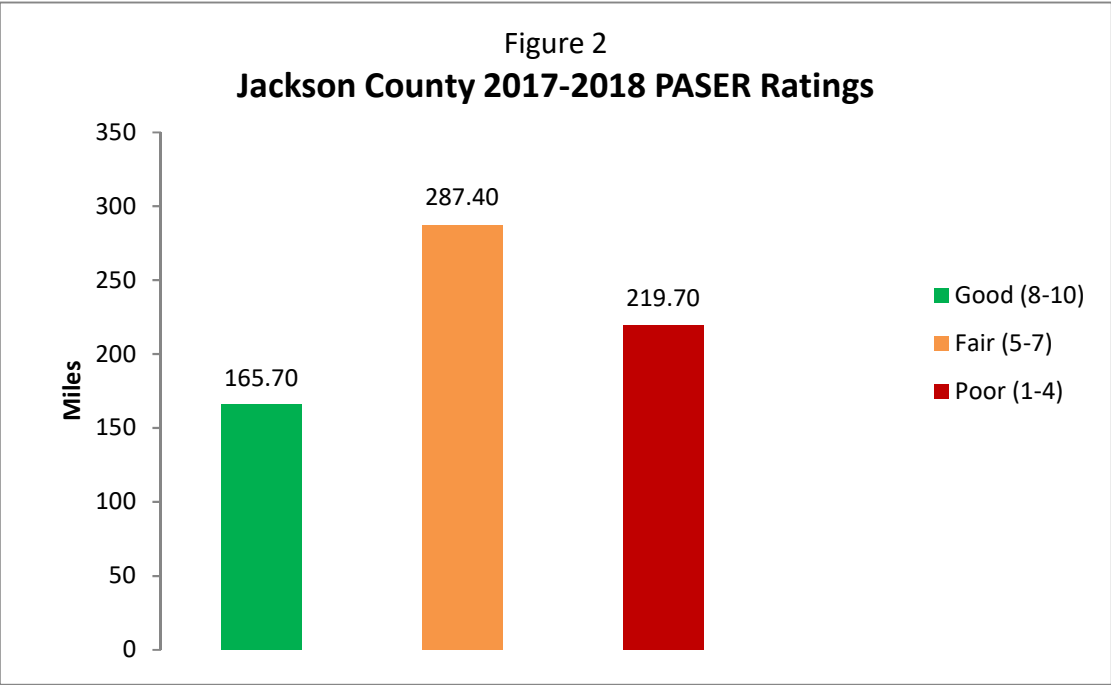
Jackson County Ratings History

Table 5 provides the PASER ratings for the federal-aid roadway network from 2008 through the 2017-2018 rating cycle for Jackson County.

Table 5
History of Jackson County PASER Ratings

PASER Rating	2008-2009	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
8-10	19.7%	22.1%	15.2%	17.4%	18.4%	16.3%	15.4%	21.5%	16.0%
5-7	57.4%	59.1%	68.1%	59.0%	37.4%	39.1%	54.2%	56.6%	39.0%
1-4	22.9%	18.8%	16.7%	23.6%	44.2%	44.6%	30.4%	21.9%	45.0%

Figure 2
Jackson County 2017-2018 PASER Ratings

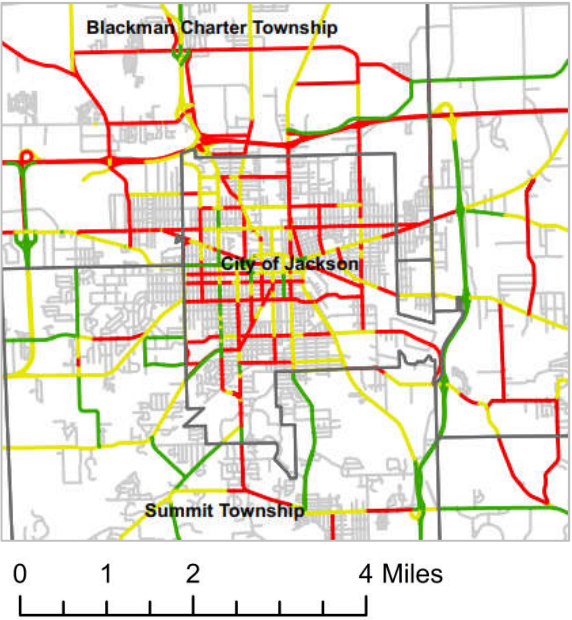
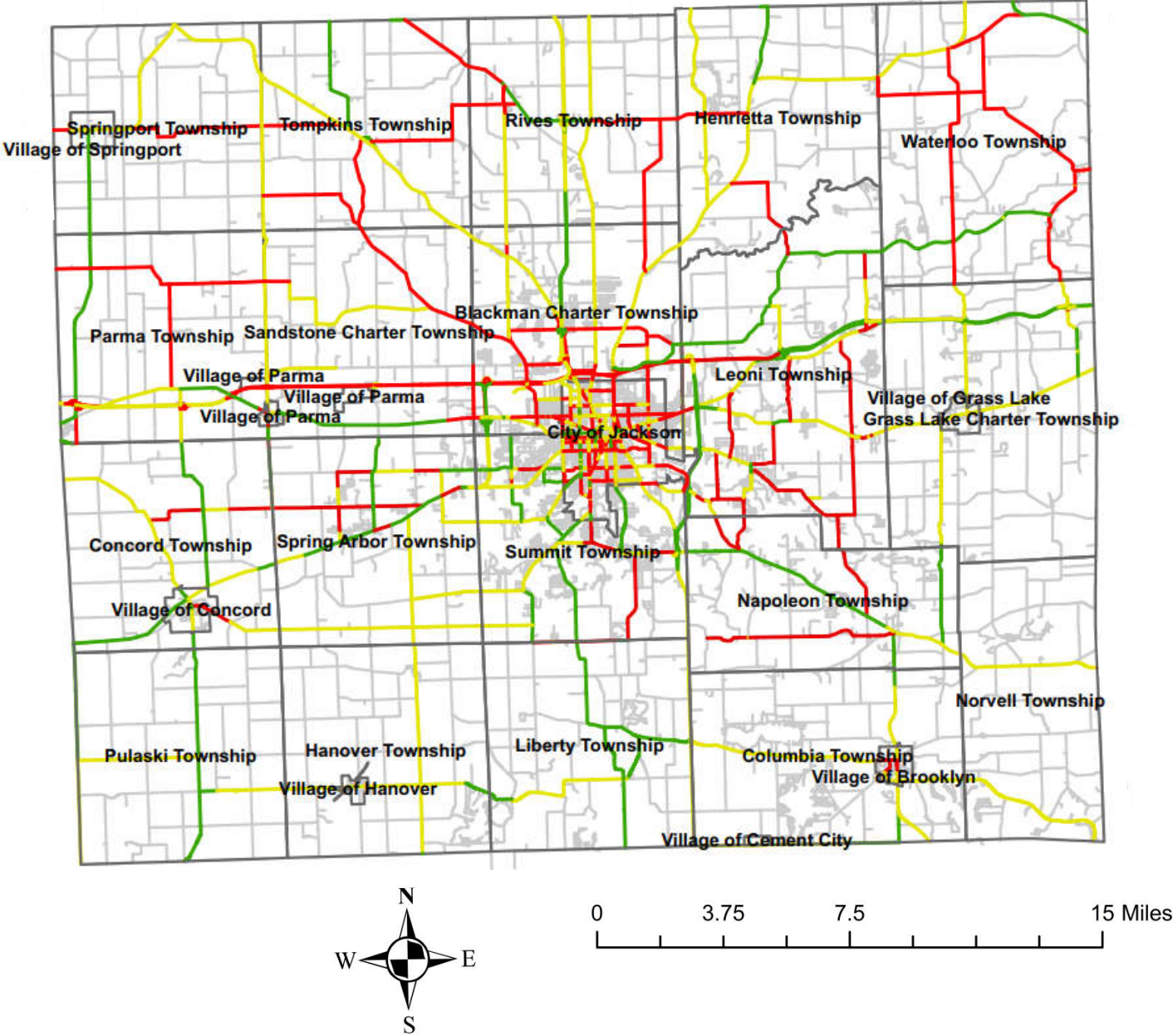


Jackson County 2017 - 2018

Asset Management (PASER)

Surface Condition Ratings

- 1 - 4 Poor
- 5 - 7 Fair
- 8 - 10 Good



Source: 2017-2018 PASER Road Ratings
Map created December 2018

Lenawee County

2017 Asset Management Team	2018 Asset Management Team
<div><div></div><div>Laurent Fournier, MDOT University Reg.</div></div> <div><div></div><div>Pete Greenman, Lenawee CRC</div></div> <div><div></div><div>Alexa Gozdiff, R2PC</div></div>	<div><div></div><div>Daniel Lugauer, MDOT University Reg.</div></div> <div><div></div><div>Roger Robinson, Lenawee CRC</div></div> <div><div></div><div>Tanya DeOliveira, R2PC</div></div>
Survey Dates: 10/17/17, 10/18/17	Survey Dates: 10/1/18, 10/2/18, 10/3/18

PASER (Pavement Surface Evaluation and Rating) ratings were gathered during the 2018 reporting period for 256 miles of southern Lenawee County roadways. In 2017, 294 miles of northern Lenawee County were rated. (Map 3).

The surveys reveal of the **federal-aid roads**:

29% are in very good or excellent condition.

37% are in fair or good condition.

34% are in poor or very poor condition or have failed.

See Table 6 and Figure 3 for more detail.

Table 5
2017-2018 Lenawee County PASER Ratings

PASER Rating	2017		2018		2017-2018	
	Miles	Ratio	Miles	Ratio	Miles	Ratio
10	2.9	1%	2.0	1%	4.9	1%
9	11.6	4%	14.4	6%	26.0	6%
8	55.9	19%	58.6	23%	114.5	23%
7	30.9	11%	21.0	8%	51.9	8%
6	53.7	18%	16.6	6%	73.2	6%
5	33.6	11%	56.3	22%	90.0	22%
4	69.0	23%	59.7	23%	128.7	23%
3	34.2	12%	16.3	6%	50.5	6%
2	2.2	1%	11.5	4%	13.7	4%
1	0.0	0%	0.0	0%	0.0	0%
Total	294.1	100%	256.4	100%	553.4	100%

The federal-aid roadway network can be divided into five different types:

State trunkline (highways) comprise 29% of the federal aid-road network. **8%** are in very good or excellent condition. **60%** are in fair or good condition. **32%** are in poor or very poor condition or have failed.

County primary roads comprise 60% of the federal-aid road network. **34%** are in very good or excellent condition. **30%** are in fair or good condition. **36%** are in poor or very poor condition or have failed.

Local county roads comprise 1% of the federal-

aid road network. **74%** are in very good or excellent condition. **22%** are in fair or good condition. **4%** of local roads in poor or very poor condition or have failed.

Major streets in cities and villages comprise 10% of the federal-aid road network. **26%** are in very good or excellent condition. **27%** are in fair or good condition. **46%** are in poor or very poor condition or have failed.

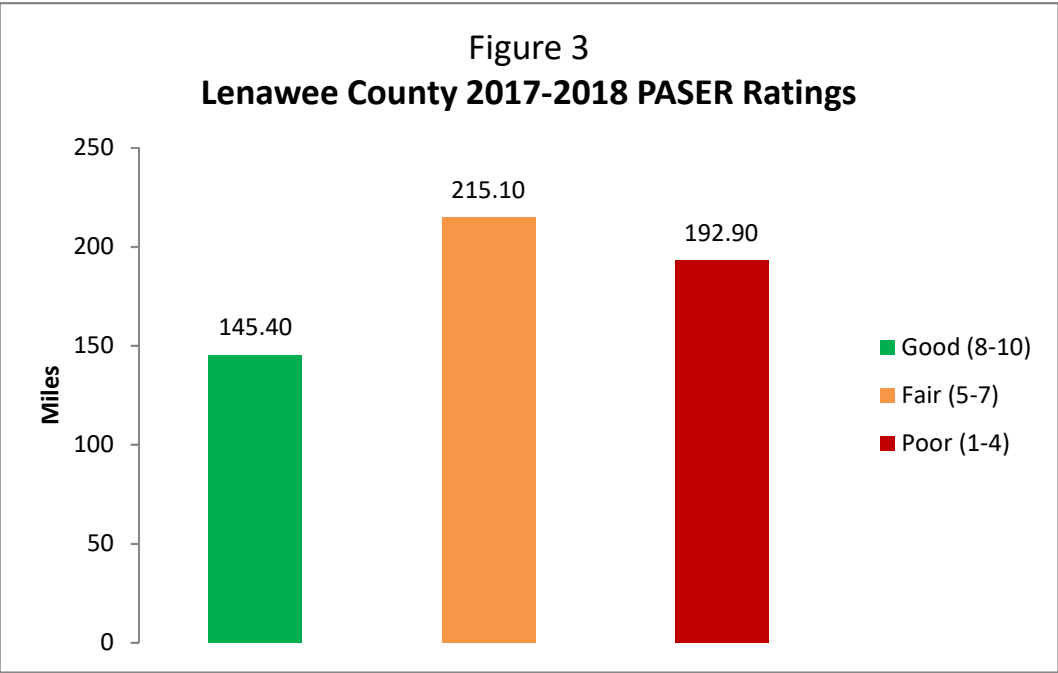
Minor streets in cities and villages comprise less than 1 mile of the federal-aid road network. **50%** are in very good or excellent condition. **16%** are in fair or good condition. **34%** are in poor or very poor condition or have failed.

Lenawee County Ratings History

Table 6 provides the PASER ratings for the federal-aid roadway network from 2008 through the 2017-2018 rating cycle for Lenawee County.

Table 6
History of Lenawee County PASER Ratings

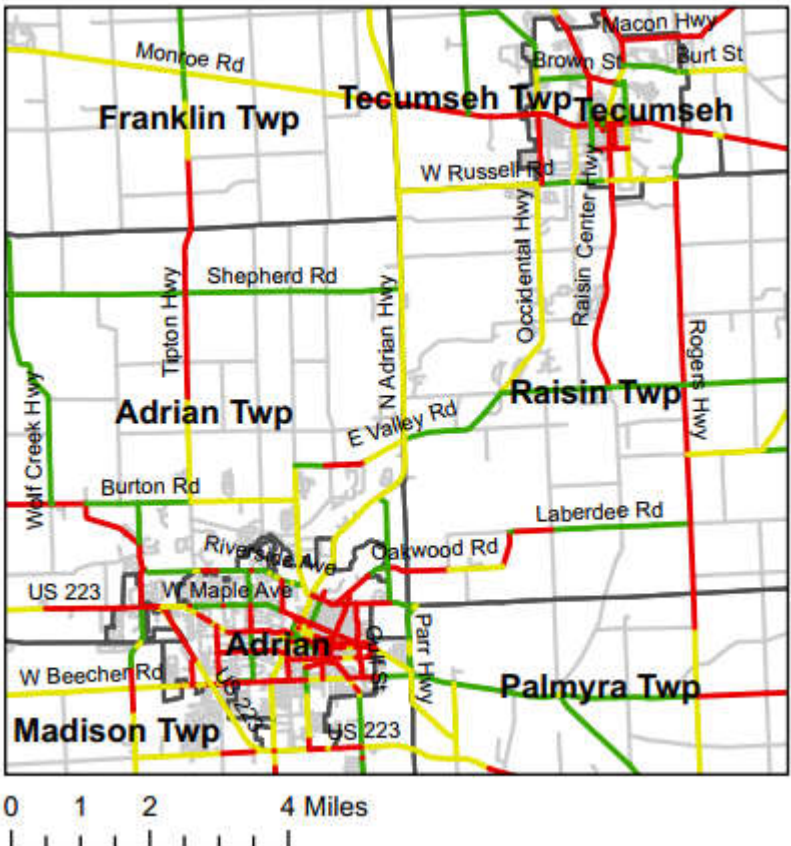
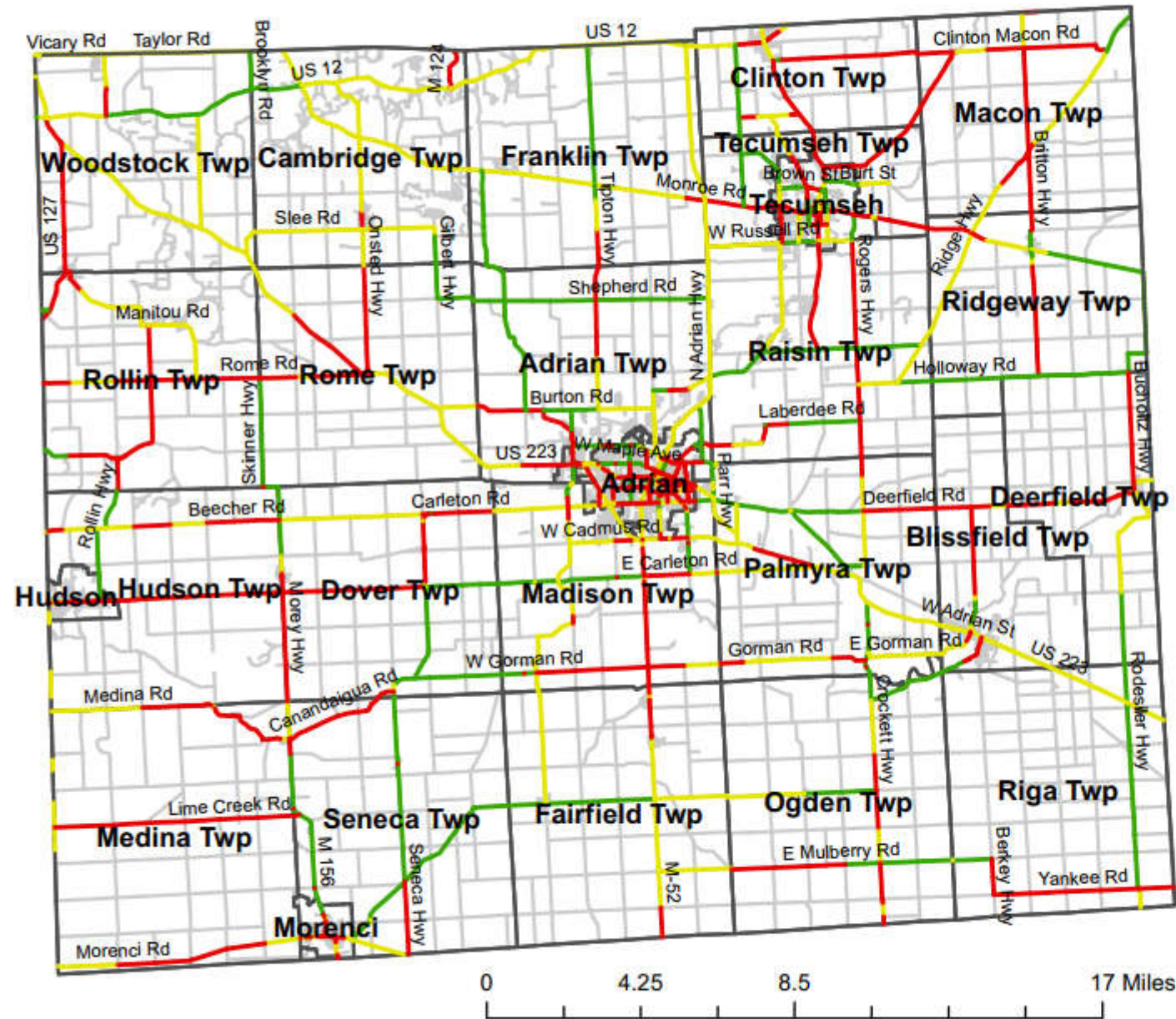
PASER Rating	2008-2009	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
8-10	28.7%	13.6%	14.7%	20.9%	18.2%	15.5%	18.2%	19.4%	29.0%
5-7	51.5%	55.3%	59.3%	48.4%	45.8%	44.0%	43.9%	39.8%	37.0%
1-4	19.8%	31.1%	26.0%	30.7%	36.0%	40.5%	37.9%	40.8%	34.0%



Lenawee County 2017 - 2018

Asset Management (PASER)
Surface Condition Ratings

- 1 - 4 Poor
- 5 - 7 Fair
- 8 - 10 Good



Jackson Area Comprehensive Transportation Study (JACTS)
Draft Urban-STP Project List
as of 1/18/2019

Changes in Federal Funding for FY 2017 – 2020 TIP

FY 2019

Agency	Project Name	Limit	Project Description	Federal	Local	Total
City	Greenwood Avenue	Morrell to Franklin	Reconstruct pavement with curb replacement. Reconstruct traffic signal at Morrell.	\$783,234	\$200,396	\$983,630

Federal Funding for FY 2020 – 2023 TIP

FY 2020

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	King Road	Mathews Road to M-60	Resurface	\$504,000	\$196,000	\$700,000
JCDOT	Springport	County Farm Road to Rives Junction	Cold mill and resurface	\$320,000	\$80,000	\$400,000
City	Francis St	Morrell to Mason	Reconstruct pavement with new curb. Reconstruct traffic signal at Morrell	\$587,000	\$146,750	\$733,750
<i>Total</i>				<i>\$1,411,000</i>	<i>\$422,750</i>	<i>\$1,833,750</i>
MDOT	M-49	M-49, M-124, M-50	Non-freeway sign replacement	\$474,850	\$0	\$949,699
MDOT	M-60 E	EB and WB over I-94	Bridge replacement	\$12,858,366	\$0	\$14,287,073
MDOT	Regionwide	Regionwide	Construct sidewalks	\$116,897	\$0	\$129,886
MDOT	M-50	M-124 to Riverside Road	HMA cold milling and single course HMA overlay	\$552,964	\$0	\$675,582
MDOT	M-106	M-106 and I-94 BL	Non-freeway signing upgrade	\$276,000	\$0	\$276,000
MDOT	I-94 BL	Various locations	HMA crack treatment and overband crack fill	\$230,817	\$0	\$282,000
MDOT	1-94 E	Various locations in Jackson County	Install ITS devices along I-94 in Jackson County	\$1,709,176	\$0	\$2,136,471
<i>MDOT Total</i>				<i>\$16,219,070</i>	<i>\$0</i>	<i>\$18,736,711</i>
<i>Annual Total</i>				<i>\$17,630,070</i>	<i>\$422,750</i>	<i>\$20,570,461</i>

FY 2021

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	McCain Road & Robinson Road	Robinson Road to McCain Road	Crush and shape	\$604,000	\$151,000	\$755,000
City	Morrell	Greenwood to Francis	Reconstruct pavement with curb repair	\$776,186	\$194,046	\$970,232
City	Steward	Railroad to Ganson	Mill and HMA resurface with curb repair, Add signal at Steward and Ganson	\$165,098	\$161,347	\$326,445
<i>Total</i>				<i>\$1,545,284</i>	<i>\$506,393</i>	<i>\$2,051,677</i>
MDOT	Regionwide	University Region	Install RWIS stations	\$245,550	\$0	\$300,000
MDOT	Regionwide	Regionwide	Construct sidewalks	\$468,103	\$0	\$520,114
MDOT	East I-94	I-94 at Elm Road	Reconstruct interchange	\$15,951,571	\$0	\$17,723,968
MDOT	US-127 N	North of Henry Road to Jackson/Ingham County Line	HMA Cold Milling and Multi Course HMA Resurfacing	\$10,444,060	\$0	\$12,760,000
MDOT	I-94 E	I-94 under Lansing Ave	Bridge replacement and freeway reconstruct	\$12,834,080	\$0	\$15,680,000
MDOT	Regionwide	Regionwide	Recess pavement markings	\$18,000	\$0	\$20,000
MDOT	M-50	M-50 in Jackson County	Shoulder widening	\$30,559	\$0	\$33,954
<i>MDOT Total</i>				<i>\$39,991,923</i>	<i>\$0</i>	<i>\$47,038,036</i>
<i>Annual Total</i>				<i>\$41,537,207</i>	<i>\$506,393</i>	<i>\$49,089,713</i>

FY2022

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	South St	Jackson City Limits to M-50	Basic resurfacing/2" inch resurfacing	\$514,400	\$128,600	\$643,000
City	West Avenue Signal	Franklin and Washington	Reconstruct traffic signal, reconstruct intersection for three lanes on West Ave and remove signal at Washington Ave	\$471,200	\$117,800	\$589,000
City	Greenwood Ave	Fourth to Morrell	Mill and HWA resurface	\$482,400	\$120,600	\$603,000
<i>Total</i>				<i>\$1,468,000</i>	<i>\$367,000</i>	<i>\$1,835,000</i>
MDOT	Regionwide	University Region	Install RWIS stations	\$2,455,500	\$0	\$3,000,000
MDOT	M-60	Emerson Road to Renfrew Road	2 Course mill and resurface	\$6,150,823	\$0	\$7,514,750
MDOT	I-94 BL	University Region	Install recessed pavement markings	\$6,000	\$0	\$20,000
MDOT	Regionwide	Regionwide	Recess pavement markings	\$236,700	\$0	\$263,000
MDOT	M-50	M-50 in Jackson County	Shoulder widening	\$300,495	\$0	\$333,883

<i>MDOT Total</i>				<i>\$9,149,518</i>	<i>\$0</i>	<i>\$11,131,633</i>
<i>Annual Total</i>				<i>\$10,617,518</i>	<i>\$367,000</i>	<i>\$12,966,633</i>

FY 2023

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	Badgley	Horton to Stonewall	Crush and shape widen shoulders (cold and place and asphalt resurfacing)	\$553,000	\$138,250	\$691,250
City	Wildwood	West Avenue to Steward	Mill and HMA resurface	\$277,600	\$69,400	\$347,000
City	Brown	Morrell to Michigan	Mill and HMA resurface. Relocate curb and construct mixed-use non-motorized trail on east side.	\$666,400	166,600	\$833,000
<i>Total</i>				<i>\$1,497,000</i>	<i>\$374,250</i>	<i>\$1,871,250</i>
MDOT	I-94 E	Michigan Avenue to M-60	Reconstruction	\$67,859,916	\$0	\$75,399,907
MDOT	I-94 BL	University Region	Install recessed pavement markings	\$210,000	\$0	\$700,000
MDOT	US-127 N	Over Springport Road and over Conrail	Epoxy Overlay	\$1,586,625	\$0	\$1,938,455
<i>MDOT Total</i>				<i>\$69,656,541</i>	<i>\$0</i>	<i>\$78,038,036</i>
<i>Annual Total</i>				<i>\$71,153,541</i>	<i>\$374,250</i>	<i>\$79,909,286</i>

*Add 1799 Form to mail out. (1797 for transit.)

Michigan Transportation Alternatives Program (TAP)

The First Five Years



Accomplishments Spanning Fiscal Years 2013-2017

179 Projects in **128** Communities in **47** Counties

Totaling more than **377** miles of improvements!

281 miles of bike/walk facilities
50 miles of Iron Belle Trail
30 miles of sidewalk to schools
15 miles of streetscapes
0.7 miles of brick streets restored

Miles 10 20 30 40 50

TAP-Funded
Miles

TAP Investment
\$95m

\$81.2m in facilities

- ▶ \$53.3m for bike/walk facilities
- ▶ \$14.4m for Iron Belle Trail
- ▶ \$13.5m for streetscapes improving safety

\$6.3m in historic preservation projects

- ▶ \$3.3m for preserving five historic bridges
- ▶ \$2m for restoring two historic brick streets
- ▶ \$1m for restoring two historic buildings

\$7.4m in Safe Routes to School projects

- ▶ 30 schools
- ▶ \$6.7m in infrastructure
- ▶ \$0.7m in non-infrastructure



TAP
Project Map

■ Received TAP funding

▶ Leveraged \$40m in matching funds

▶ Support for 1,600+ construction jobs

*MDOT and six metropolitan planning organizations authorized to award TAP funds

For more information, visit
www.michigan.gov/tap

