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**JACKSON AREA COMPREHENSIVE TRANSPORTATION STUDY (JACTS)  
TECHNICAL ADVISORY COMMITTEE**

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**FOR FURTHER INFORMATION,  
CONTACT:**

**Steven Duke, Executive Director**

**Region 2 Planning Commission  
(517) 788-4426**

**DATE: WEDNESDAY, MAY 15, 2019**

**TIME: 9:30 A.M.**

**PLACE: Jackson City Hall  
161 W. Michigan Ave-10<sup>th</sup> Floor  
Jackson, MI 49201**

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**A G E N D A**

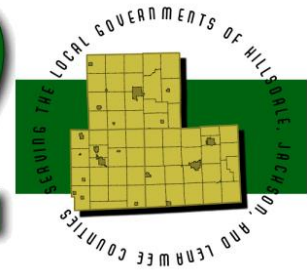
Comments will be solicited on each item following discussion and prior to any final action.

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1. Call to Order
2. Public Comment
3. Approve Minutes of the Technical Advisory Committee Meeting of April 17, 2019 and Receive the Minutes of the Policy Committee Meeting of April 18, 2019 (see enclosures) – **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 (not provided)
  - 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)
  - Jackson Area Transportation Authority (JATA)
6. Approval of the Draft JACTS FY 2020-2023 Transportation Improvement Program (TIP) (<http://www.region2planning.com/wp-content/uploads/2019/05/FY-20-23-TIP-DRAFT-5-9-19.pdf>) – **ACTION**
7. Approval of the Metropolitan Transportation Planning Process Certification Resolution (see enclosure) – **ACTION**
8. JACTS FY 2017- 2020 Transportation Improvement Program (TIP) - Updated Performance Measures Chapter (see enclosure) – **ACTION**
9. Approval of the JACTS FY 2020 Unified Work Program (<http://www.region2planning.com/wp-content/uploads/2019/05/UWPFY2020a.pdf>) – **ACTION**
10. Ann Arbor Road Non-Motorized Trail Ribbon Cutting Ceremony – **DISCUSSION**
11. Joint City of Jackson / Jackson County Non-Motorized Plan Update – **DISCUSSION**
12. MDOT Call for FY 2021 Safety Applications (Due August 5, 2019) – **DISCUSSION**
  - High Risk Rural Road Program
  - Streamlined Systemic Safety Program
  - Federal Local Highway Safety Improvement Program
13. Other Business
14. Public Comment
15. Adjournment

# Region 2 Planning Commission



## Jackson Area Comprehensive Transportation Study

### MINUTES

#### JACTS TECHNICAL ADVISORY COMMITTEE

Jackson City Hall  
161 W. Michigan Ave. – 10<sup>th</sup> Floor  
Jackson, MI 49201

**Wednesday, April 17, 2019**

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

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

Others Present: Tanya DeOliveira, Region 2 Planning Commission  
Kelby Wallace, MDOT – Jackson TSC

#### ITEM 1      CALL TO ORDER

Chair Kline called the meeting to order at 9:30 AM. A quorum was present.

Mr. Duke explained that a quorum was not present at the March 20<sup>th</sup> Technical Advisory Committee meeting; therefore, all action items (February minutes and February TIP amendments) from the March meeting agenda will need to be approved at today's meeting.

#### ITEM 2      PUBLIC COMMENT

No public comments were received.

**ITEM 3**                    **APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF FEBRUARY 20, 2019 AND MARCH 20, 2019 AND RECEIVE THE POLICY COMMITTEE MINUTES OF FEBRUARY 21, 2019 AND MARCH 21, 2019**

A motion was made by Mr. Rand, supported by Mr. Ripstra, to approve the Technical Advisory Committee meeting minutes of February 20, 2019 and March 20, 2019, and receive the Policy Committee meeting minutes of February 21, 2019 and March 21, 2019 as presented. The motion carried unanimously.

**ITEM 4**                    **AGENCY STATUS REPORTS**

Project status updates were presented by the City of Jackson, Jackson Area Transportation Authority, Jackson County Department of Transportation, Michigan Department of Transportation, and The Enterprise Group. The following project details were provided:

- City of Jackson – reported that the Greenwood Avenue project plans were submitted to MDOT in time for a June 7th letting.
- Jackson Area Transportation Authority -- reported that they are working with HVAC contractors. They have received a good bid price after months of trying to get the project awarded to a contractor with a reasonable price, and are looking forward to having the project move forward.
- JCDOT – reported that King Road is in the April 5th letting, and was below the engineer's estimate. The Moon Lake Bridge structure was set on April 16th. The Norvell Road project started on Monday April 15th. The West Michigan Avenue project will be paved in early May. The Michigan Avenue Bridge project is underway again, and will make it into a future letting.
- MDOT – reported that the Cooper Street Bridge is down over I-94, and work will continue now that the bridge has been demolished and is out of the way. Work on M-60 through Spring Arbor has also begun.
- The Enterprise Group – shared that the Mannik Smith Group has started working on the Traffic Corridor and Feasibility Study for County Farm Road from US-127 to Dearing Road in Blackman Township. JCDOT is collaborating with the Blackman Township Local Development Finance Authority (LDFA) on the project to study the impacts to traffic for a proposed 143.8 acre industrial park along County Farm Road.

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

Mr. Davis reported that MDOT was requesting formal approval of the following amendments to the JACTS FY 2017 – 2020 TIP presented at the March 20<sup>th</sup> meeting:

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2020	206924	CON	Countywide	Countywide	0	Edgeline pavement markings	Fed \$214,250 Local \$23,806 Total \$238,056	HSIP	Phase Add
2020	207182	CON	Multiple Routes	Various Locations	0	Upgrade Stop & Stop Ahead signs	Fed \$19,201 Local \$2,134 Total \$21,335	HSIP	Phase Add
2020	207225	CON	Jefferson Rd	US127 – Hyde Road	1.038	Tree removal, pavement markings, intersection sign upgrades	Fed \$58,500 Local \$6,500 Total \$65,000	HRRR	Phase Add
2020	207226	CON	W Michigan Ave	Chapel Rd – Sandstone Rd	2.013	Tree removal, intersection sign upgrades	Fed \$130,464 Local \$14,496 Total \$144,960	HRRR	Phase Add
2020	207227	CON	S Jackson Rd	S Jackson Rd at Lindsey Rd	0.233	Intersection realignment, construct turn lanes	Fed \$169,964 Local \$18,885 Total \$188,849	HRRR	Phase Add

Mr. Wickman reported that JATA was requesting formal approval of the following March 20<sup>th</sup> amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Project Name	Limits	Work Type	Description	Fed Cost	Fed Fund Source	State Cost	Total Cost
2019	Transit Operating	Countywide	Transit Operations	Transit Operating Funds	\$37,085	5311	\$37,085	\$74,170

A motion was made by Mr. Rand, supported by Mr. Davis to approve the proposed MDOT and JATA March 20, 2019 amendments as presented. The motion carried unanimously.

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

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2019	203028	PE (Design)	University Region longitudinal pavement markings	Jackson County	1.165	Application of longitudinal pavement markings	Fed: \$270 State: \$30 Total: \$2,500	HSIP	Phase Abandon
2020	206562	PE (Design)	University Region Pavement Marking Retro Readings	All of Region 2 MPO	1.496	Pavement markings retro reflectively readings on trunklines in University Region	Fed: \$1,944 State: \$216 Total: \$15,000	HSIP	Length change 1.496 from 3.029

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

FY	Project Name	Limits	Work Type	Description	Fed Cost	Fed Fund Source	Cost	Total Cost
2020	Transit Operating	Countywide	Transit Operations	Transit Operating Funds	\$33,755	5311	State: \$33,755	\$67,510
2020	Transit Operating	Countywide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	City Millage: \$545,000	\$1,745,000

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

**ITEM 6**      **APPROVAL OF THE RESOLUTIONS OF SUPPORT FOR FY 2022 LOCAL BRIDGE PROGRAM APPLICATIONS – CITY OF JACKSON AND THE JACKSON COUNTY DEPARTMENT OF TRANSPORTATION**

The City of Jackson and the Jackson County Department of Transportation prepared applications in response to MDOT's call for FY 2022 Local Bridge Program applications. The City of Jackson is submitting two applications requesting funds to replace the East High Street and the East Washington Avenue bridges over the Grand River. The Jackson County Department of Transportation prepared five applications for the following projects: Kennedy Road Bridge over Batteese Creek; South Jackson Road Bridge over Grand River; Benn Road Bridge over Sandstone Creek; Springport Road Bridge over Sandstone Creek; and the Albion Road Bridge over the North Branch of the Kalamazoo River.

A motion was made by Ms. Guerriero, supported by Mr. Franklin to concur with the recommendation of the Region 2 Planning Commission to approve resolutions of support for the City of Jackson and Jackson County Department of Transportation's FY 2022 Local Bridge Program applications. The motion carried unanimously.

**ITEM 7**      **JACTS FY 2020 – 2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) UPDATE**

Mr. Duke reported that the JACTS FY 2020 – 2023 TIP document is currently under development by staff and will be presented for adoption at the May Technical Advisory and Policy committee

meetings. Formal adoption of the document by the Region 2 Planning Commission will be at their June 13<sup>th</sup> meeting in Jackson.

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

Ms. DeOliveira reported that the consultants are hosting a round of 2-hour public and stakeholder outreach meetings the week of May 6 – May 10. Each meeting will have a brief presentation by the consultants summarizing the project followed by a workshop with maps, markers, and paper to collect thoughts and ideas for the non-motorized network in Jackson. There are ten (10) locations across the County and City where the meetings will be held. A project website has also been developed to gather input. <https://walkbike.info/jackson/>.

**ITEM 9**            **OTHER BUSINESS**

The City of Jackson was recently awarded the Quality of Life award by the American Society of Civil Engineering for the West Michigan Avenue project and the Louis Glick/Washington Avenue two-way conversion project.

The Jackson County Department of Transportation won the 2019 Road & Bridges/Asphalt Recycling and Reclaiming Association Recycling Award for the Rosehill Road resurfacing project.

**ITEM 10**           **PUBLIC COMMENT**

No public comments were received.

**ITEM 11**           **ADJOURNMENT**

There being no further business, Chair Kline adjourned the meeting at 10:05 AM.

Tanya DeOliveira  
Principal Transportation Planner

# Region 2 Planning Commission



## Jackson Area Comprehensive Transportation Study

### MINUTES

#### JACTS POLICY COMMITTEE

Jackson County Tower Building  
120 W. Michigan Avenue – 5<sup>th</sup> Floor  
Jackson, Michigan

Thursday, April 18, 2019

**Members Present:** John Feldvary, Jackson County Airport-Reynolds Field  
David Herlein, Spring Arbor Township  
Pete Jancek, Vice-Chair, Blackman Charter Township  
Angela Kline, JACTS Technical Advisory Committee Chair  
Phil Moilanen, JATA  
Eric Mullen, MDOT  
Mike Overton, Jackson County Department of Transportation  
Steve Shotwell, Chair, Jackson County Board of Commissioners  
Judy Southworth (Alt.), Leoni Township  
Mike Trudell, Summit Township  
Bob Welsh, Region 2 Planning Commission  
Dan Wymer, Napoleon Township

**Members Absent:** Keith Acker, Sandstone Charter Township  
Patrick Burtch, City of Jackson  
Derek Dobies, Mayor, City of Jackson

**Others Present:** Tanya DeOliveira, Region 2 Planning Commission  
Jon Dowling, JACTS Technical Advisory Committee Vice-Chair  
Kari Martin, MDOT  
Kelby Wallace, MDOT – Jackson TSC

#### ITEM 1      CALL TO ORDER

Chair Shotwell called the meeting to order at 8:00 AM. A quorum was present.

#### ITEM 2      PUBLIC COMMENT

No public comments were received.

## JACTS POLICY COMMITTEE MINUTES

April 18, 2019

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### ITEM 3      APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF MARCH 21, 2019 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MINUTES OF MARCH 20, 2019

A motion was made by Mr. Trudell, supported by Mr. Feldvary, to approve the Policy Committee meeting minutes of March 21, 2019 and receive the Technical Advisory Committee meeting minutes of March 20, 2019 as presented. The motion passed unanimously.

### ITEM 4      AGENCY STATUS REPORTS

Project status updates were presented by the City of Jackson, Jackson Area Transportation Authority, Jackson County Department of Transportation, Michigan Department of Transportation, and the Jackson County Airport-Reynolds Field. The following project details were provided:

- City of Jackson – reported that the Greenwood Avenue reconstruction project final plans have been submitted to MDOT and will be in June 7th bid letting. Detour signs will be installed to assist traffic negotiate the construction zone.
- Jackson Area Transportation Authority – reported that they are continuing to work with the HVAC contractor regarding the project bid price.
- JCDOT – reported that King Road resurfacing project is in the April 5th bid letting. The project cost came in lower than the engineer's estimate. The new Moon Lake Bridge structure was installed on April 16<sup>th</sup> and should be completed by late June. The Norvell Road project started on Monday, April 15<sup>th</sup>. The Michigan Avenue Bridge project has been submitted to MDOT for obligation. Over 240,000 tons of asphalt has been purchased by JCDOT for paving projects this construction season.
- MDOT – reported that the Cooper Street Bridge over I-94 has been removed and will not be completed until October. The resurfacing and widening of M-60 in Spring Arbor Township is also underway.
- Jackson County Airport-Reynolds Field – reported that on April 17<sup>th</sup> 10 companies attended the pre-construction meeting for the construction of the airport runway. Bids are due May 1st. Construction will begin after the last NASCAR race in August.

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

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

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2019	203028	PE (Design)	University Region longitudinal pavement markings	Jackson County	1.165	Application of longitudinal pavement markings	Fed: \$270 State: \$30 Total: \$2,500	HSIP	Phase Abandon
2020	206562	PE (Design)	University Region Pavement Marking Retro Readings	All of Region 2 MPO	1.496	Pavement markings retro reflectively readings on trunklines in University Region	Fed: \$1,944 State: \$216 Total: \$15,000	HSIP	Length change 1.496 from 3.029



## JACTS POLICY COMMITTEE MINUTES

April 18, 2019

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

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

FY	Project Name	Limits	Work Type	Description	Fed Cost	Fed Fund Source	Cost	Total Cost
2020	Transit Operating	Countywide	Transit Operations	Transit Operating Funds	\$33,755	5311	State: \$33,755	\$67,510
2020	Transit Operating	Countywide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	City Millage: \$545,000	\$1,745,000

A motion was made by Mr. Feldvary, supported by Vice-Chair Jancek to approve the proposed JATA amendments as presented. The motion carried unanimously.

### ITEM 6      **APPROVAL OF THE RESOLUTIONS OF SUPPORT FOR FY 2022 LOCAL BRIDGE PROGRAM APPLICATIONS – CITY OF JACKSON AND THE JACKSON COUNTY DEPARTMENT OF TRANSPORTATION**

The City of Jackson and the Jackson County Department of Transportation prepared applications in response to MDOT's call for FY 2022 Local Bridge Program applications. The City of Jackson is submitting two (2) applications requesting funds to replace the East High Street and the East Washington Avenue bridges over the Grand River. The Jackson County Department of Transportation prepared five (5) applications for the following projects: Kennedy Road Bridge over Batteese Creek; South Jackson Road Bridge over Grand River; Benn Road Bridge over Sandstone Creek; Springport Road Bridge over Sandstone Creek; and the Albion Road Bridge over the North Branch of the Kalamazoo River.

A motion was made by Vice-Chair Jancek, supported by Mr. Trudell, to concur with the recommendation of the Region 2 Planning Commission to approve resolutions of support for the City of Jackson and Jackson County Department of Transportation's FY 2022 Local Bridge Program applications. The motion carried unanimously.

### ITEM 7      **JACTS FY 2020 – 2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) UPDATE**

Ms. DeOliveira reported that staff is continuing to work on a draft of the JACTS 2020-2023 TIP document. The list of proposed projects has been reviewed by the JACTS Committees, the Region 2 Planning Commission, and has been posted on the R2PC website for public review and comment. The JACTS FY 2020-2023 TIP will be presented for adoption at the May Technical Advisory and Policy committee meetings, with final adoption of the document at the June 13<sup>th</sup> R2PC meeting.

## **JACTS POLICY COMMITTEE MINUTES**

**April 18, 2019**

**Page 4**

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

Ms. DeOliveira reported that the Greenway Collaborative consultants will be conducting a series of 2-hour public and stakeholder outreach meetings the week of May 6 – May 10 at various township and village halls, and the City of Jackson's Parkside Middle School to solicit input regarding the development of a new City of Jackson/Jackson County non-motorized plan. In order to encourage participation, a total of ten (10) meetings have been scheduled at various times of the day and evening around Jackson County. At each meeting, the consultants will give a brief presentation summarizing the project followed by a workshop with maps, markers, and paper to collect thoughts and ideas for developing a future non-motorized network for the Jackson metropolitan area. A project website (<https://walkbike.info/jackson/>) is also available to provide on-going plan updates and solicit comments.

### **ITEM 9      OTHER BUSINESS**

No other business was brought forward.

### **ITEM 10      PUBLIC COMMENT**

No public comments were received.

### **ITEM 11      ADJOURNMENT**

There being no further business, Chair Shotwell adjourned the meeting at 8:30 AM.

Tanya DeOliveira  
Principal Transportation Planner

**TO:** JACTS Technical Advisory and Policy Committees

**DATE:** May 6, 2019

**FROM:** Jon H. Dowling, P.E.

**SUBJECT:** TIP Project Status

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**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. **The final plans have been send to MDOT for the June 7 letting.**

**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**

***May 2019***

**FY2018**

**1. Facility Upgrades**

- a. Replace HVAC system at main office –MDOT has begun their review and we are hoping we are able to have the results of that review in the coming weeks.

**FY2019**

**1. Vehicle Procurements**

- a. (4) Medium duty vans – JATA is evaluating the first two vehicles and will begin the procurement process for the second two later in 2019.
- b. (1) Gillig Bus Replacement – This bus is ordered and is expected to be delivered either Dec. 2019 or Jan. 2020. JATA is visiting their production plant in early May 2019 for the “pre-build” process.

**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...*

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## May JACTS Update

### **2018 CARRYOVER PROJECTS**

- **KING ROAD**
  - This project will be cold in place recycled end of June and paved after by Michigan Paving.
- **MOON LAKE ROAD BRIDGE**
  - Construction continues. The bridge is scheduled to open late June.
- **NORVELL ROAD**
  - This project is under construction.
- **RIVES JUNCTION ROAD PATHWAY**
  - This project is complete.
- **WEST MICHIGAN AVE FROM M-60 TO GLASGOW**
  - This project will be finishing within the next week, weather permitting.
- **MICHIGAN AVE BRIDGE**
  - This project has been obligated. We are waiting to find out what letting it is in.
- **PREVENTATIVE MAINTENANCE, 1.5" HMA OVERLAY-**
  - The butt joints have been milled and paving will happen throughout the construction season.
    - 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)
    - Roundtree Road (County line to Fowler)
    - Pink Street (County line to M-124)
    - Territorial Road (M-106 to M-52)

## **2019 PROJECTS**

- **LAURENCE ROAD**

- This project is in a June letting.

- **PREVENTATIVE MAINTENANCE, CHIP SEAL - The locations below are preventative maintenance projects 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 – This is in a June letting.**

- 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

May 2, 2019

**FY 2019**

**Construction:**

**I-94 (M-60 to Sargent)** Cooper Street bridge over I-94 closure 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

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

**I-94 at Grass Lake Weigh Station** Install additional parking. Complete.

**M-124 (US-12 to M-50)** is a single course mill & resurface CPM project with TAP funds to pave the gravel shoulder. Construction to begin after the 4<sup>th</sup> of July.

**M-60 (Chapel to Emerson Rd)** – Resurfacing and widening for center left turn lane. Storm sewer work continuing. Westbound M-60 detour begins near May 10th

**US-127 (Ayers to Floyd)** – CPM project including microsurfacing from Ayers to Floyd. Construction in August.

**US-127 (Floyd to I-94)** – Concrete pavement repairs from Floyd to I-94. Will 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), M-106/North. Construction to begin in May.

**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)



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
**DEPARTMENT OF TRANSPORTATION**  
LANSING

PAUL C. AJEGBA  
DIRECTOR

May 15, 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 two 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	203029*	PE (Design)	University Region longitudinal pavement markings	Region-wide	2.553	Application of special pavement markings	\$90	HSIP	\$10	\$5,000	Abandon Phase
2019	124951*	PE (Design)	Regionwide	Region-wide		Install RWIS	\$245,550	ST	\$54,450	\$300,000	Abandon Phase
	* 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



# Memorandum



**To: Steve Duke**

**From: Executive Director, Michael Brown**

**Date: May 3<sup>rd</sup>, 2019**

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

JATA would like to also request the Region 2 Planning Commission to approve an amendment to the current TIP to add a project that is from the 1 percent of FY 2019 Section 5307 funds for safety and security. Every year transit agencies are required to devote 1 percent of Section 5307 funds to improve and upgrade safety and security. The current overhead doors at JATA are unreliable and will sometimes fail to open/close properly. 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	Transit Capital	County wide	Transit Facility	Overhead Doors	\$12,910	5307	\$3,227	CTF	\$16,137

Thank you,

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

Michael Brown, Director of JATA

# Region 2 Planning Commission

## JACTS MEMORANDUM



TO: JACTS Committee / Region 2 Planning Commission Members

FROM: Steven Duke, Executive Director

DATE: May 8, 2019

SUBJECT: Certification of the Jackson Urban Area Transportation Planning Process

The Region 2 Planning Commission, as the designated Metropolitan Planning Organization (MPO) for the Jackson metropolitan area, in conjunction with the JACTS Policy Committee, is required to self-certify the Jackson Area Urban Transportation Planning Process and affirm that the MPO has fulfilled the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) rules and regulations.

Staff requests **APPROVAL** of the attached resolution recommending that the Jackson Urbanized Area Transportation Planning Process receive certification by the Region 2 Planning Commission.

**METROPOLITAN TRANSPORTATION  
PLANNING PROCESS CERTIFICATION  
For the Region 2 Planning Commission**

In accordance with 23 CFR 450.334, the Michigan Department of Transportation and the Region 2 Planning Commission, the Metropolitan Planning Organization for the Jackson urbanized area, Michigan urbanized area, hereby certify, as part of the STIP submittal, that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- I. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR 450.334;
- II. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- III. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- IV. Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- V. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VI. The provisions of the Americans with Disabilities Act of 1990 (42 U.S. C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
- VII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- VIII. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- IX. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

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Ralph Tillotson, Chairperson  
Region 2 Planning Commission

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Michigan Department of Transportation  
Bureau of Transportation Planning

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Date

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Date

# Region 2 Planning Commission



## MEMORANDUM

**To:** JACTS Technical Advisory and Policy Committees; Region 2 Planning Commission

**From:** Tanya DeOliveira, Principal Planner

**Date:** April 22, 2019

**Subject:** **2017 – 2020 Transportation Improvement Program (TIP) Federal Highway Administration Required Update for Transportation Performance Measures**

The Federal Highway Association is requiring metropolitan planning organizations (MPO) to update their 2017 – 2020 TIP narrative document to meet the federal guidelines for transportation performance measures. This is a new requirement within TIP documents that come from Fixing America's Surface Transportation (FAST) Act. The requirements include an update to the TIP narrative for performance measures, along with updating the TIP job list to show how the jobs within the MPO address transportation performance measures. The updates are made and included for your review.

The job list was reviewed by Region 2 Planning Commission staff, along with members from local agencies and MDOT program managers and University Region staff.

Please contact me with any questions at 517.768-6703/517.745.9041.

## **Performance Management and the Transportation Improvement Program**

A key feature of the Fixing America's Surface Transportation (FAST) Act is the establishment of a performance and outcome based program, originally introduced through the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) Act. The objective of a performance-based program is for states and MPOs to invest resources in projects that collectively will make progress toward the achievement of national goals. 23 CFR 490 outlines the seven areas in which performance goals are required, including: safety, infrastructure condition, congestion reduction, system reliability, freight movement, environmental sustainability, and reduced project delivery delay.

### **Performance Measures**

The regulations required the U.S. Department of Transportation/Federal Highways Administration to establish final rules on performance measures resulted in the following measures for the transportation system, including:

1. Pavement Condition – on the Interstate and Non-Interstate National Highway System (NHS)
2. System Reliability – on the Interstate and Non-Interstate NHS
3. Bridge Condition – on the Interstate and Non-Interstate NHS
4. Fatalities and Serious Injury
  - a. Number and Rate per vehicle mile traveled on public roads
  - b. Bicycle and Pedestrian Fatalities and Serious Injuries
5. Traffic Congestion
6. On-Road Mobile Source Emissions
7. Freight Movement – on the Interstate System

The Federal Transit Administration was charged with developing a rule establishing a strategic and systematic process of operating, maintaining, and improving public capital assets effectively through their life cycle. The Transit Asset Management Final Rule 49 CFR part 626 became effective October 1, 2016, and established four performance measures. The performance management requirements outlined are a minimum standard for transit operators and involved measuring and monitoring the following:

1. Rolling Stock – vehicles used for providing public transportation, revenue and non-revenue
2. Equipment – articles on non-expendable, tangible property with a useful life of at least one year
3. Facilities – building or structure used in providing public transportation
4. Infrastructure – the underlying framework or structures that support a public transportation system

A Transit Asset Management Plan was required to be in place for transit operators by October 1, 2018, two years after the effective date of the regulations.

The time-line for implementation of the national performance measures was determined when the final rule was published for each measure. A summary of the required data and timeline is listed below.

Final Rule	Effective Date	States Set Targets By (1 year)	MPOs Set Targets By	MTP and TIP Inclusion
Safety Performance Measures	April 14, 2016	August 31, 2017	Up to 180 days after the states set targets, but not later than Feb. 27, 2018	Updates or amendments on or after May 28, 2018
Pavement/Bridge Performance Measures	May 20, 2017	May 20, 2018	No later than 180 days after the State sets target November 16, 2018	Updates or amendments on or after May 20, 2019
Reliability & Freight Performance Measures	May 20,2017	May 20, 2018	May 27, 2018	Updates or amendments on or after May 20, 2019
Statewide non-metropolitan and metropolitan planning	May 27, 2016	There are no measures associated with the planning rule.		
Asset Management Plan	October 2, 2017	By April 30, 2018 State DOTs submit initial plans describing asset management plan processes. By June 30, 2019 State DOTs submit fully compliant asset management plan.		
Transit Asset Management Plan	October 1, 2016	January 1, 2017	Optional reporting year for 2017 and mandatory for 2018. State will set targets for rural transit providers and urban providers will set own targets.	
Transit Safety Plan	Currently no regulation has been adopted to enact this rule.			

## Performance Targets

### State Targets

Within one year of the U.S. Department of Transportation final rule on performance measures, States are required to set performance targets in support of those measures. States may set different performance targets for urbanized and rural areas. To ensure consistency each State must, to the maximum extent practicable:

- Coordinate with an MPO when setting performance targets for the area represented by that MPO
- Coordinate with public transportation providers when setting performance targets in an urbanized area not represented by an MPO [§1202; 23 USC 135(d)(2)(B)]

The Statewide Transportation Improvement Program (STIP), state asset management plans under the National Highway Performance Program, and state performance plans under the Congestion Mitigation and Air Quality Improvement program are required to include performance targets. State and MPO targets should be included in statewide transportation plans.

### **MPO Targets**

Within 180 days of the state and/or providers of public transportation setting performance targets, MPOs are required to set performance targets in relation to the performance measures (where applicable). To ensure consistency, each MPO must, to the maximum extent practicable, coordinate with the relevant state and public transportation providers when setting performance targets. MPO Long Range Transportation Plans and Transportation Improvement Programs (TIP) are required to include state and MPO targets.

### **Performance-Based Planning for the Region 2 Planning Commission**

The Region 2 Planning Commission (R2PC) has several systems in place to address the mandate. R2PC participates in the MDOT sponsored collection of pavement condition data on federal-aid eligible roads through the asset management program which provides R2PC with current and historic pavement condition data. MDOT also collects data through the Highway Performance Monitoring System (HPMS). R2PC has access to detailed crash data through the Traffic Crash Analysis Tool program through the Transportation Improvement Association of Michigan and through the Crash Facts program of the Michigan State Police/Office of Highway Traffic Safety.

Most of the performance targets are directed at the NHS. R2PC will coordinate with MDOT on the state-owned portion of the NHS in the development of targets for roads in the R2PC area that are subject to the NHS-based performance targets. R2PC will choose to support the state targets as its official response for the performance measures. Any road designated as NHS which is under local jurisdiction will be assessed in conjunction with the responsible road agency. The issues of separate targets for the MPO will be decided by R2PC, based on the recommendations from the JACTS Technical and Policy committees and R2PC staff.

In the process of developing future long range transportation plans and TIPs once targets are established, R2PC will assess the impact of any proposed project on the performance measures area and target. This will be done using the best resources available. Projects providing a high level of benefit in meeting identified performance targets may be considered for priority in programming, based on the goals and objectives and measure of the long range transportation plan.

### **MPO Target Setting**

#### **Safety**

Safety performance measures are the first performance area that targets are required. The MDOT safety targets for calendar year 2019 were set by the state on August 31, 2018 and the MPOs had 180 days to set the 2019 targets<sup>0</sup>. The safety target due date was February 28, 2019.

On February 14, 2019 the Region 2 Planning Commission voted to support and adopt the state targets for the five safety categories. Safety targets are required to be developed by the state and responded to by the Region 2 Planning Commission annually. The table below contains the Safety Performance Measures adopted by the Region 2 Planning Commission for calendar year 2019.

**Michigan State Safety Targets – Calendar Year 2019**

<b>Safety Performance Measure</b>	<b>Baseline Condition (2013 – 2017)</b>	<b>Calendar Year 2019 State Safety Target</b>
Fatalities	981.4	1,023.2
Fatality Rate	1.00	1.02
Serious Injuries	5,355	5,406.8
Serious Injury Rate	5.47	5.41
Non-motorized Fatalities & Serious Injuries	743.6	759.8

R2PC has limited access to federal safety funds from the state. As a non-TMA MPO, R2PC's local agencies apply annually for consideration of funding for safety projects from a statewide pool of safety funds. The criteria for project selection at the state level are heavily weighted toward projects impacting fatality and serious injury crash locations. Fortunately, for the R2PC area, the fatality number is low and random in nature. R2PC supports the local agencies when they decide to apply for safety funding, and will add any selected project to the TIP as soon as a positive funding determine had been made by MDOT.

A regional traffic safety plan was completed for the Region 2 Planning Commission by a consultant retained by MDOT. The plan recommended that safety projects target certain emphasis areas. The identification of emphasis areas was determined by a review and analysis of historical crash and safety data and stakeholder and public input.

The overarching goal of the Regional Transportation Plan is the reduction of fatal and serious injury crashed within Hillsdale, Jackson, and Lenawee Counties which form the region boundaries. The vision and mission of the plan are guided by the State Highway Safety Plan and are as follows: "Move towards zero deaths" and "Improve traffic safety on local roads by fostering improved safety, communication, coordination, collaboration, and education within the three counties." The document is intended to provide guidance to local agencies regarding local areas of concern.

Three goals for the three-county area were created based on crash history data in the region and concerns raised by local stakeholders:

- Identify three safety partners to increase awareness.



- Reduce traffic fatality crash rates per 100 million vehicle miles travelled (MVMT) from .0035 in 2015 to .0026 in 2025.
- Reduce serious traffic injury crash rates per 100MVMT from .0148 in 2015 to .0081 in 2025.

The plan identifies six region-wide emphasis areas:

- At-risk driver age groups,
- Driver behavior,
- Impaired drivers,
- Intersection related,
- Non-motorized,
- Single vehicle crashes.

Since these were developed at regional level, it is not possible to break out the R2PC data for the Jackson MPO. R2PC will use information in the report to help inform projects that should be in the TIP in future years.

## **Pavement**

Federal regulations require that states measure, monitor, and set goals for pavement performance based on a composite of metrics. The four pavement conditions metrics are: International Roughness Index (IRI), Cracking percent, Rutting, and Faulting as reported by each state to the Highway Performance Monitoring System database. IRI and cracking percent are metrics for all roads. Rutting is only applicable to asphalt, and faulting is only measured for jointed concrete. The rule applies to the NHS, which includes the interstate and non-interstate system. MDOT is responsible for approximately 6,080 miles of interstate in Michigan as for 2017. The non-interstate portion of the system includes MDOT trunkline routes/M-routes (about 12,082 miles in 2017) and local government owned non-trunkline roads (about 4,271 miles in 2017). Local agencies are responsible for 19% of the National Highway System. In the R2PC area, MDOT is responsible 1,955 miles of the National Highway System.

MDOT established 2-year and 4-year targets for a 4-year performance period for pavement conditions on the NHS in response to federal regulations. The 4-year performance period runs from January 1, 2018 – December 31, 2022. MDOT's first target reporting was due on May 20, 2018. There are a total of three progress reports due within the 4-year performance period:

- A Baseline Performance Report due October 1, 2018
- A Mid-Performance Period Progress Report due October 1, 2020
- A Full Performance Period Progress Report due October 1, 2022

FHWA will determine if progress has been made from report to report. Based on the pavement condition metrics and the rating of roads along a metric value range, there are four measures that will be used to assess pavement condition.

- % of Interstate pavement of Good Condition
- % of Interstate pavement in Poor Condition
- % of Non-Interstate NHS pavement in Good Condition
- % of Non-Interstate NHS pavement in Poor Condition

R2PC is required to establish 2-year and 4-year targets for the measures. R2PC pavement targets were due November 16, 2018. On October 11, 2018 the Region 2 Planning Commission voted to support and adopt the state targets. The table below contains the Pavement Condition Performance Measures adopted by the Region 2 Planning Commission for calendar year 2018.

**Michigan State Pavement Condition Targets for Calendar Year 2018**

<b>Pavement Condition Performance Measure</b>	<b>Baseline Condition 2017</b>	<b>2-year Target</b>	<b>4-year Target</b>
% of Interstate Pavement in Good Condition	56.8%	n/a	47.8%
% of Interstate Pavement in Poor Condition	5.2%	n/a	10.0%
% of Non-Interstate NHS Pavement in Good Condition	49.7%	46.7%	43.7%
% of Non-Interstate NHS Pavement in Poor Condition	18.6%	21.9%	24.9%

### **Bridge**

MDOT is required to establish 2-year and 4-year targets for a 4-year performance period for the condition of infrastructure assets. MDOT established its statewide targets by May 20, 2018. Like the pavement conditions reporting, MDOT will be required to submit period reports to FHWA.

- A Baseline Performance Report due October 1, 2018
- A Mid-Performance Period Progress Report due October 1, 2020
- A Full Performance Period Progress Report due October 1, 2022

The performance measures for assessing the bridge include:

- % of NHS bridges in Good Condition
- % of NHS bridges in Poor Condition

R2PC is required to establish 2-year and 4-year targets for the measures. R2PC established targets by supporting state targets. R2PC bridge targets were due May 20, 2018. On October 11, 2018 the Region 2 Planning Commission voted to support and adopt the state targets. The table below contains the Bridge Condition Performance Measures adopted by the Region 2 Planning Commission for calendar year 2018.

### **Michigan State Bridge Condition Targets for Calendar Year 2018**

<b>Bridge Condition Performance Measure</b>	<b>Baseline Condition 2018</b>	<b>2-year Target 2020</b>	<b>4-year Target 2022</b>
NHS Deck Area in Good Condition	32.7%	27.2%	26.2%
NHS Deck Area in Poor Condition	9.8%	7.2%	7.0%

R2PC supports the maintaining of NHS and local bridges within its area. Bridge funding is administered at the state level by MDOT. MDOT evaluates bridge on interstate and state trunkline routes for necessary projects and funding. A statewide Local Bridge Advisory Board allocates funds for the Michigan Local Bridge Program based on available funds and weighted ratios. In 2016, only 89 of the 363 submitted local bridge projects could be funded due to budget constraints. By June 2017, approximately 2M sq ft of locally owned bridges in Michigan has deck area in poor, serious, or critical condition. Local agencies across the state have 17% of NHS bridge deck area under their jurisdiction in poor condition. This exceeds the penalty threshold of no more than 10% of NHS bridges, measured by deck area, being classified as structurally deficient. MDOT's NHS bridge condition by deck area is only slight under the 10% threshold, at 9% poor condition.

MDOT is projecting "condition improvement" for the NHS bridges in the state based on projects programmed through the MDOT and local bridge program. Deterioration is estimated based on comparing network wide deterioration rates to the age and condition of each major component of each structure.

The targets are highly dependent on the deck area of bridges that are labeled "poor," and the smaller inventory considered, the higher potential for a single bridge to skew results. The statewide targets are assumed to be less variable than for an individual MPO.

### **System Performance of the NHS and Freight**

MDOT is assessing the best way to address the travel time reliability measure associated with interstate travel, non-interstate NHS travel, and truck travel. The state has set targets for this category on May 20, 2018. The system reliability targets were due on November 16, 2018. On October 11, 2018 the Region 2 Planning Commission voted to support and adopt the state targets. System Reliability targets are required to be developed by the state and responded to by the Region 2 Planning Commission every two years. The table below contains the System Reliability Performance Measures adopted by the Region 2 Planning Commission for calendar year 2018.

### **Michigan State System Reliability Targets for Calendar Year 2018**

<b>System Reliability Performance Measure</b>	<b>Baseline Condition 2018</b>	<b>4-year Target</b>
Level of Travel Time Reliability of Interstate	85.8%	75.0%
Level of Travel Time Reliability of the Non-Interstate NHS	85.8%	70.0%
Freight Reliability Measure on the Interstate	1.49	1.75

### **Congestion Mitigation and Air Quality**

The Jackson MPO area does not qualify for this measure because the population is less than the 200,000 threshold.

### **NHS Asset Management Plan**

MDOT is required to develop an Asset Management Plan for the NHS that includes:

- Pavement and Bridge inventory and conditions on the NHS
- Objectives and Measures
- Performance gap identification
- Life-cycle cost and risk management analysis
- A financial plan
- Investment strategies

The U.S.DOT has set minimum standards for states to use in developing and operating bridge management systems and pavement management systems.

The Performance Report for Region 2 Planning Commission was in the 2045 JACTS Long Range Transportation Plan that was approved and adopted on June 14, 2018.

### **Transit Performance Measures and Targets**

There is one small urban transit provider in the R2PC area, the Jackson Area Transportation Authority (JATA). JATA is a direct recipient of funds from the Federal Transit Administration. JATA is identified as a Tier II recipient under the current federal legislation and has developed State of Good Repair targets for 2019 in the table on the next page.

### Jackson Area Transportation Authority State of Good Repair Targets for 2019

Asset Category	Asset Class	Sub-Asset	Useful Life	Performance Measure	2019 Targets	Current
Rolling Stock	Buses	25 ft+	12 yrs	% of fleet exceeds default useful life benchmark	90%	100%
	Vans	Med-Duty	7 yrs		50%	33%
		Light Duty	4 yrs		50%	45%
Equipment	Maintenance / Utility	N/A	Varies		50%	0%
	Non-Revenue Vehicles	Vans	4 yrs		25%	0%
Facilities	Support Facilities	Admin. & Mainten. Facilities	N/A	% of facilities rated under 3.0 on TERM scale	50%	Unknown
	Passenger Facilities	Downtown Transfer Center	N/A		100%	Unknown
Infrastructure	N/A	N/A				

\*Applicable to capital assets that JATA owns, except equipment with an acquisition value under \$50,000 that is not a service vehicle.

A Transit Asset Management Plan was adopted by JATA on September 26, 2018, and was shared with R2PC by October 1, 2018. This document assists JATA in selecting TIP projects and helps JATA meet its State of Good Repair (SGR) targets. Federal rulemaking for the transit safety plans has not yet been released.

#### Project Selection in the FY 2017-2020 TIP

For the development of the FY 2017-2020 Transportation Improvement Program, JACTS followed the following policy prepared to establish an objective method of selecting federally-funded transportation projects on the basis of local priorities.

Local project selection was based on a number of factors including the JACTS Technical and Policy committees and public input; annual average daily traffic volumes (AADT); pavement condition (PASER ratings); crash history and safety; system improvement/system completion; financial resources; and addressing capacity deficiencies identified in the JACTS 2045 Long Range Transportation Plan.

The JACTS committees prioritized the urban and rural surface transportation projects by fiscal year and funding category prior to the finalization of the TIP. Due to the small amount of funding available for local projects, JACTS does not have an extensive or involved project prioritization process. JACTS prioritized the projects based on how each would enhance the entire transportation system, including the overall benefit to users. This encouraged the implementing agencies to examine the project's impact on several performance measures categories as well as any positive impacts on the performance measures criteria.

During project selection, the amount of available local matching funds available to the implementing agencies for the projects was also taken into account. The design and scheduling of the projects for programming is the responsibility of the agency having jurisdiction over the proposed project.

### **Project Selection in the Upcoming FY 2020-2023 TIP**

During the development of the FY 2020-2023 TIP, in addition to current selection factors required, JACTS will also request eligible agencies include information on congestion issues, bridges located within the project limits, and any complete street components. Additional information will likely be requested for evaluation within the performance-based planning process and to support the MPO's adopted performance targets.

Transit project requests will require detailed information how proposed projects will address the public transportation performance measures and targets, including the Transit Asset Management Plan that was adopted by September 26, 2018.

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2017	200994	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	1160-Signal & Communication Equip - Bus	Purchase radios.	\$0	\$3,112						x	
2017	200994	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	SP10-State Match urban Agency	Purchase radios.	\$2,490	\$3,112						x	
2017	200767	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	1110-Bus Rolling Stock	FY17 Section 5310	\$97,600	\$122,000						x	
2017	131721	Jackson Area Transportation Authority	Areawide	Jackson Area Transportation	3000-Operating Assistance	FY17 Section 5311 Operating	\$24,092	\$24,092							
2017	200995	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	1140-Bus Support Equip / Facilities	Rehabilitate/renovate the facility and purchase radios.	\$0	\$28,350						x	
2017	200995	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	1160-Signal & Communication Equip - Bus	Rehabilitate/renovate the facility and purchase radios.	\$0	\$28,350						x	
2017	200995	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	SP10-State Match urban Agency	Rehabilitate/renovate the facility and purchase radios.	\$22,680	\$28,350						x	
2017	132114		Statewide	vRide, Inc./Statewide	SP13-Vanpool	FY17 Michivan Program	\$0	\$165,000						x	
2017	109854	MDOT	Lansing TSC	Lansing TSC	Traffic Safety	Non-Freeway Signing Upgrad	\$951,598	\$1,207,776							
2017	109854	MDOT	Lansing TSC	Lansing TSC	Traffic Safety	Non-Freeway Signing Upgrad	\$951,598	\$1,207,776							
2017	113565	MDOT	I-94BL	Brown to Louis Glick	Reconstruction	Reconstruction	\$9,141,950	\$14,254,447	x	x		x			
2017	116371	MDOT	Regionwide	Regionwide	Traffic Safety	Pavt marking and signing @ Par-Clo interchange	\$196,104	\$227,324		x					
2017	120277	MDOT	M-60	Chapel Road to east of Renfrew Drive	Road Rehabilitation	Resurfacing/Widening w/CLT	\$49,110	\$12,793,260	x						
2017	127495	MDOT	I-94BL	Cooper Street to Dwight Street	Road Capital Preventive Maintenance	HMA Cold Milling and Single Course Overlay	\$1,034,445	\$1,364,529	x						
2017	129151	MDOT	M-50	Rives Junction to Pope Church Rd	Road Capital Preventive Maintenance	Micro-Surface, Warranty	\$554,860	\$693,077	x						
2017	129153	MDOT	East I-94	I-94 at Elm Road	Reconstruction	Reconstruct interchange	\$1,325,147	\$24,890,773	x			x			
2017	129153	MDOT	East I-94	I-94 at Elm Road	Reconstruction	Reconstruct interchange	\$452,487	\$24,890,773	x			x			
2017	129162	MDOT	M-106	Bunkerhill Road to 1300 feet west of Sayers Road	Road Capital Preventive Maintenance	Single Course Mill & Resurf	\$345,231	\$431,409	x						
2017	129189	MDOT	M-50 / US-127BR	North ST to Boardman Rd	Road Capital Preventive Maintenance	Longitudinal Joint Repair	\$264,777	\$348,943	x						
2017	129213	MDOT	M-99	Railroad Street to Jackson Co Line	Road Capital Preventive Maintenance	Fiber Reinf Bit Mem w/ Single Micro	\$665,335	\$831,144	x						

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2017	129991	MDOT	M-50	Pope Church Road to Ingham/Jackson Co. Line	Road Capital Preventive Maintenance	Micro-Surface, Warranty	\$531,061	\$663,389	x						
2017	130215	Jackson County	Michigan Ave	Michigan Ave/Main St - W Parma VL to Glasgow Rd	Road Rehabilitation	Restore and rehabilitate	\$0	\$217,755	x						
2017	130215	Jackson County	Michigan Ave	Michigan Ave/Main St - W Parma VL to Glasgow Rd	Road Rehabilitation	Restore and rehabilitate	\$174,204	\$217,755	x						
2017	130217	Jackson County	Berry Rd	Rives Eaton to Lansing and Perine to Berry	Road Rehabilitation	Restore and rehabilitate	\$0	\$298,440	x						
2017	130217	Jackson County	Berry Rd	Rives Eaton to Lansing and Perine to Berry	Road Rehabilitation	Restore and rehabilitate	\$238,752	\$298,440	x						
2017	130218	Jackson County	Robinson Rd	Robinson Rd - Spring Arbor Rd to Kibby Rd	Road Rehabilitation	Resurface	\$333,833	\$417,372	x						
2017	130219	Jackson	Kibby Rd	Cascade Court to West Avenue	Reconstruction	Reconstruct pavement, curb repairs.	\$889,076	\$1,222,121	x						
2017	130916	Jackson County	Springport Road	Airport Road at Springport Road	Traffic Safety	Install countdown pedestrian signals and ADA ramps	\$65,646	\$82,058		x		x			
2017	131898	MDOT	Region Wide	University Region	Traffic Safety	Special markings in University Region	\$452,714	\$503,703		x					
2017	132528	MDOT	M-124	US-12 to Channel Drive	Road Capital Preventive Maintenance	Single Course Mill & Resurface with shoulder paving	\$81,495	\$3,385,403	x						
2017	132528	MDOT	M-124	Channel Drive to M-50	Road Capital Preventive Maintenance	Single Course Mill & Resurface with shoulder paving	\$81,495	\$3,385,403	x						
2017	132562	MDOT	EB M-60	Spring Arbor Road to I-94	Road Capital Preventive Maintenance	Single course mill & resurface	\$18,979	\$1,491,874	x						
2017	132575	MDOT	M-50/US-127BR	Washington Ave to South Street	Road Capital Preventive Maintenance	Concrete Pavement Repair	\$22,547	\$877,693	x						
2017	132576	MDOT	Various	Various	Road Capital Preventive Maintenance	HMA Crack Treatment	\$12,728	\$432,158	x						
2017	132577	MDOT	M-99	I-94 to Willow Street	Road Capital Preventive Maintenance	Single Chip Seal with Fog Se	\$13,841	\$680,236	x						
2017	133237	MDOT	M-106	Michigan and Cooper Crossing in city of Jackson	Railroad	RR crossing signal upgrades for 2-way conversion	\$0	\$1,558,311		x					
2017	200411	MDOT	I-94 E	structure 4420	Bridge Rehabilitation	Miscellaneous bridge work.	\$1,059,697	\$1,294,682			x				



FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2017	200411	MDOT	I-94 E	structures 10938 and 10942	Bridge Rehabilitation	Miscellaneous bridge work.	\$1,059,697	\$1,294,682			x				
2017	200411	MDOT	I-94 E	structures 2320, 2326, 3843, 3753, 3700, structures 2320, 2326, 3843, 3753, and 3700	Bridge Rehabilitation	Miscellaneous bridge work.	\$1,059,697	\$1,294,682			x				
2017	200802	MDOT	M-106	Parnall Rd/M-106 intersection to Portage River Bridge, west of Hawkens Rd	New Facilities	Plan Development for new non-motorized trail	\$0	\$278,656							
2017	200803	MDOT	M-106	Hawkens Road to County Line, Approx 84.2% of project	New Facilities	Non-Motorized Trail improvement with bridge replacements	\$579,840	\$6,117,874			x				
2017	200803	MDOT	M-106	County Line to M-52, Approximately 15.8% of project	New Facilities	Non-Motorized Trail improvement with bridge replacements	\$579,840	\$6,117,874			x				
2017	129169	MDOT	various	Various Routes	Road Capital Preventive Maintenance	HMA Crack Treatment	\$0	\$344,570	x						
2017	129169	MDOT	various	Various Routes	Road Capital Preventive Maintenance	HMA Crack Treatment	\$273,846	\$344,570	x						
2017	129172	MDOT	Various	TSC Wide (Clinton, Eaton, & Ingham counties)	Road Capital Preventive Maintenance	Crack treatment	\$234,255	\$286,201	x						
2017	132574	MDOT	University Region	University Region	Planning, Research & Design	Bridge Scoping FY 2017	\$0	\$150,000			x				
2017	132739	MDOT	University Region	University Region	Planning, Research & Design	Road Scoping FY 2017	\$0	\$260,000	x						
2017	132742	MDOT	University Region	University Region	Planning, Research & Design	Survey Scoping FY 2017	\$0	\$65,000							
2017	132744	MDOT	University Region	University Region	Planning, Research & Design	Geotechnical Scoping FY 2017	\$0	\$40,000							
2017	119984	MDOT	Lansing TSC	Lansing TSC	Traffic Safety	Non-Freeway Signing Upgrade	\$388,107	\$553,107		x					
2017	119984	MDOT	Lansing TSC	Lansing TSC	Traffic Safety	Non-Freeway Signing Upgrade	\$388,107	\$553,107		x					
2017	119984	MDOT	Lansing TSC	Lansing TSC	Traffic Safety	Non-Freeway Signing Upgrade	\$388,107	\$553,107		x					
2017	131897	MDOT	Region Wide	University Region	Traffic Safety	Longitudinal markings in University Region	\$1,358	\$2,356,291		x					
2017	131897	MDOT	Region Wide	University Region	Traffic Safety	Longitudinal markings in University Region	\$2,119,305	\$2,356,291		x					
2017	131898	MDOT	Region Wide	University Region	Traffic Safety	Special markings in University Region	\$618	\$503,703		x					

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2018	201788	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority/Jackson County	3000-Operating Assistance	Provide additional operating funds for public transportation services.	\$65,137	\$65,137							
2018	202354	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority	3000-Operating Assistance	Operating assistance.	\$12,497	\$24,994							
2018	203873	Jackson Area Transportation Authority	Transit operating	Areawide	3000-Operating Assistance	FY15 5311 Operating underp	\$4,506	\$9,011							
2018	201517	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority/Jackson County	3000-Operating Assistance	Budget Formula	\$0	\$1,711,954							
2018	201517	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority/Jackson County	SP05-Local Bus Operating	Budget Formula	\$0	\$1,711,954							
2018	201636	Jackson Area Transportation Authority	E High St	Jackson Area Transportation Authority/Jackson County	SP12-Transportation to Work	Provide job-related transportation to welfare and low-income individuals.	\$0	\$300,000							
2018	202501	MDOT	Laurence Ave	At Amtrak in Blackman Township, Jackson County	R000-Rail	Install new crossing surface	\$0	\$230,011	x						
2018	115861	MDOT	I-94	I-94 over Conrail and the Grand River	Bridge Replacement	Realign and replace structure	\$27,958,981	\$31,401,931			x				
2018	115862	MDOT	I-94	M-106 NB & SB (Cooper St) over I-94	Bridge Replacement	Bridge Replacement and associated road work	\$17,102,910	\$23,138,402			x				
2018	119274	Jackson Area Transportation Authority	Transit	Countywide	SP10-State Match urban Agency	2 Light Duty Buses	\$20,000	\$25,000					x	x	
2018	120273	MDOT	I-94 W	M-60 to Sargent Road	Reconstruction	Reconstruction/Rehabilitation	\$72,389,114	\$82,618,217	x						
2018	129154	MDOT	M-106	Ganson to Porter Street	Road Capital Preventive Maintenance	Single Course Mill & Resurf	\$609,088	\$824,676	x						
2018	130212	Jackson County	Norvell Rd	Norvell Rd - E Michigan Ave to Sharon Valley Rd	Road Rehabilitation	Cold mill and resurface	\$1,483,818	\$2,978,213	x						
2018	130213	Jackson County	Michigan Ave	W Michigan Ave - M-60 to Glasgow Rd	Road Rehabilitation	Cold mill and resurface	\$337,963	\$422,453	x						
2018	130214	Jackson	4th St	4th St - Audubon to Horton; Roundabout at Hickory	Road Capital Preventive Maintenance	Single course mill and resurface, construct roundabout at Hickory	\$1,019,365	\$1,273,816	x						
2018	130527	Jackson	Stonewall Rd	Fourth St at Horton Rd	Traffic Safety	Reconstruct signal	\$62,547	\$478,297		x					

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2018	130917	Jackson County	Rives Junction Road	Rives Junction Road from M-50 northerly	Traffic Safety	Construction of a non-motorized path	\$212,380	\$265,475		x					
2018	131206	Jackson County	I-BL-94	East Jackson Middle School	Roadside Facilities - Improve	Bike/ped safety improvement	\$486,770	\$779,355		x					
2018	132562	MDOT	EB M-60	Spring Arbor Road to I-94	Road Capital Preventive Maintenance	Single course mill & resurface	\$1,202,119	\$1,491,874	x						
2018	132575	MDOT	M-50/US-127BR	Washington Ave to South Street	Road Capital Preventive Maintenance	Concrete Pavement Repair	\$695,845	\$877,693	x						
2018	132576	MDOT	Various	Various	Road Capital Preventive Maintenance	HMA Crack Treatment	\$340,993	\$432,158	x						
2018	132577	MDOT	M-99	I-94 to Willow Street	Road Capital Preventive Maintenance	Single Chip Seal with Fog Se	\$542,870	\$680,236	x						
2018	200803	MDOT	M-106	Hawkens Road to County Line, approx. 84.2% of project, Hawkens Road to County Line, Approx 84.2% of project	New Facilities	Non-Motorized Trail improvement with bridge replacements	\$4,979,481	\$6,117,874			x				
2018	200803	MDOT	M-106	County Line to M-52, approximately 15.8% of project, County Line to M-52, Approximately 15.8% of project	New Facilities	Non-Motorized Trail improvement with bridge replacements	\$4,979,481	\$6,117,874			x				
2018	201051	MDOT	US-127	JS-127 at Floyd Avenue	Traffic Safety	Install New Overhead Flashing Beacon	\$31,381	\$31,631		x					
2018	201159	MDOT	I-94BL	Region-wide	Traffic Safety	Pavement marking retroreflectivity readings and condition assessment	\$9,149	\$10,166		x					
2018	201485	MDOT	I-94BL	All non-MPO roadways	Traffic Safety	Longitudinal pavement marking application	\$1,899,024	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Jackson County	Traffic Safety	Longitudinal pavement marking application	\$1,899,024	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Livingston, Monroe, and Washtenaw Counties, Livingston, Monroe, Washtenaw Counties	Traffic Safety	Longitudinal pavement marking application	\$1,899,024	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Ingham, Eaton, and Clinton Counties, Ingham, Eaton, Clinton Counties	Traffic Safety	Longitudinal pavement marking application	\$1,899,024	\$2,112,526		x					

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2018	202006	Adrian & Blissfield RR Co	Rives Eaton R	At Adrian & Blissfield Railroad in Rives Township, Jackson County	Railroad	upgrade flashing light signals	\$4,390	\$4,878		x					
2018	202008	Adrian & Blissfield RR Co	E Main St	At Adrian & Blissfield Railroad in Rives Township, Jackson County	Railroad	upgrade flashing-light signals	\$4,390	\$4,878		x					
2018	202102	MDOT	I-94 E	I-94 Lansing Road to Elm Road	Roadside Facilities - Improve	Clearing / Tree Removal and fencing	\$501,019	\$558,888							
2018	202119	MDOT	M-106	M-106 and I-94 BL	Traffic Safety	Non-freeway signing upgrad	\$50,000	\$797,500		x					
2018	202737	Jackson County	King Rd	King Road Albion to Lockerbie	Road Capital Preventive Maintenance	fog seal	\$1,064,299	\$1,773,832	x						
2018	202848	MDOT	I-94 E/Sargent Ramp	Eastbound I-94 exit ramp at Sargent Road	Traffic Safety	Install Wrong Way Traffic Detection System	\$30,150	\$35,500		x					
2018	203031	Jackson County	Preventative Maintenance- Various Routes	Countywide, Jackson County	Road Capital Preventive Maintenance	Preventative maintenance	\$1,731,948	\$2,886,580	x						
2018	203055	Jackson Area Transportation Authority	Transit Capital Improvement	Areawide	SP10-State Match urban Agency	Transit Facility	\$30,371	\$37,964						x	
2018	203065	Jackson Area Transportation Authority	Transit Operating	Areawide	3000-Operating Assistance	Operating	\$0	\$4,603,000							
2018	203311	MDOT	I-94	EB Grass Lake Weigh Station	Roadside Facilities - Improve	Install additional parking at EB Grass Lake Weigh Station	\$3,274	\$4,000							
2018	204009	Jackson Area Transportation Authority	Transit Capita	Areawide	SP10-State Match urban Agency	Vehicle Replacement	\$9,352	\$11,690					x	x	
2018	204012	Jackson Area Transportation Authority	Transit Capita	Areawide	SP10-State Match urban Agency	Surveillance/security equipme	\$2,552	\$3,190					x		
2018	204154	Jackson Area Transportation Authority	Transit Operating	areawide	3000-Operating Assistance	FY 2018 Transit Operating	\$27,902	\$55,804							
2018	201485	MDOT	I-94BL	All non-MPO roadways	Traffic Safety	Longitudinal pavement marking application	\$2,250	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Jackson County	Traffic Safety	Longitudinal pavement marking application	\$2,250	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Livingston, Monroe, Washtenaw Counties	Traffic Safety	Longitudinal pavement marking application	\$2,250	\$2,112,526		x					
2018	201485	MDOT	I-94BL	Ingham, Eaton, Clinton Counties	Traffic Safety	Longitudinal pavement marking application	\$2,250	\$2,112,526		x					

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2018	201486	MDOT	I-94BL	All non-MPO roadways	Traffic Safety	Special pavement marking application	\$6,249	\$581,037		x					
2018	201486	MDOT	I-94BL	Jackson County	Traffic Safety	Special pavement marking application	\$6,249	\$581,037		x					
2018	201486	MDOT	I-94BL	Livingston County	Traffic Safety	Special pavement marking application	\$6,249	\$581,037		x					
2018	201486	MDOT	I-94BL	Clinton County	Traffic Safety	Special pavement marking application	\$6,249	\$581,037		x					
2018	201486	MDOT	I-94BL	All non-MPO roadways	Traffic Safety	Special pavement marking application	\$516,685	\$581,037		x					
2018	201486	MDOT	I-94BL	Jackson County	Traffic Safety	Special pavement marking application	\$516,685	\$581,037		x					
2018	201486	MDOT	I-94BL	Livingston County	Traffic Safety	Special pavement marking application	\$516,685	\$581,037		x					
2018	201486	MDOT	I-94BL	Clinton County	Traffic Safety	Special pavement marking application	\$516,685	\$581,037		x					
2019	120277	MDOT	M-60	Chapel Road to east of Renfrew Drive	Road Rehabilitation	Resurfacing/Widening w/CLTL	\$8,934,814	\$12,793,260	x						
2019	123026	Jackson County	Michigan Avenue	Michigan Ave over Amtrak Railroad and Railroad Street, Jackson County	Bridge Replacement	Bridge Replacement	\$0	\$3,433,000			x				
2019	127537	MDOT	M-60 E	EB and WB over I-94	Bridge Replacement	Bridge Replacement	\$0	\$11,833,039			x				
2019	129637	Brooklyn	S King/Tiffany/Cement City	Marshall St to Brooklyn Village Limit	Reconstruction	Reconstruction	\$0	\$220,000	x						
2019	130208	Springport	Main St	W Main St - M-99 to W Springport VL	Road Rehabilitation	Resurface	\$229,333	\$286,666	x						
2019	130209	Jackson County	Laurence Ave	Laurence Ave - Wildwood to Argyle	Road Rehabilitation	Cold mill and resurface	\$0	\$500,000	x						
2019	130210	Jackson County	Laurence Ave	Laurence Ave - RR to Wildwood Ave	Road Rehabilitation	Cold mill and resurface	\$0	\$250,000	x						
2019	132528	MDOT	M-124	JS-12 to Channel Drive	Road Capital Preventive Maintenance	Single Course Mill & Resurface with shoulder paving	\$3,122,262	\$3,385,403	x						
2019	132528	MDOT	M-124	Channel Drive to M-50	Road Capital Preventive Maintenance	Single Course Mill & Resurface with shoulder paving	\$3,122,262	\$3,385,403	x						
2019	133156	Jackson County	Moon Lake Road	over Dollar Lake Channel	Bridge Replacement	replacement	\$774,698	\$1,218,426			x				
2019	201002	MDOT	US-127	Ayres Road to Floyd Road	Road Capital Preventive Maintenance	Micro-Surface, with Warranty	\$0	\$513,329	x						
2019	201003	MDOT	US-127 N	Floyd Road to I-94	Road Capital Preventive Maintenance	Concrete Pavt Repair and Joint Sealing	\$0	\$1,947,189	x						

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2019	201028	MDOT	M-60 W	Various Routes in Jackson, Hillsdale, and Lenawee Counties	Road Capital Preventive Maintenance	HMA Crack Treatment using FPVS method.	\$292,615	\$372,501	x						
2019	203005	Jackson County	Countywide	Various locations, Jackson County Department of Transportation	Road Capital Preventive Maintenance	One Course Asphalt Overlay	\$0	\$6,015,217	x						
2019	203068	Jackson Area Transportation Authority	Transit Operating	Areawide	3000-Operating Assistance	Operating	\$0	\$2,572,000							
2019	204793	MDOT	I-94 E	Various locations throughout Jackson County.	ITS Applications	Install ITS devices along I-94 through out Jackson County.	\$363,612	\$2,580,713		x					
2019	205197	Jackson Area Transportation Authority	Transit Operating	Jackson Area Transportation Authority - 2350 E High St	3000-Operating Assistance	Operating Assistance	\$0	\$74,170							
2019	205605	Jackson Area Transportation Authority	E High St	Transit Areawide	SP10-State Match urban Agency	Transit Capital	\$0	\$39,999							
2019	206049	MDOT	US-127	US-127south of Hart Road	Operation Improvements	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$0	\$124,000							
2019	206049	MDOT	US-127	I-69 south of Kalamo Hwy	Operation Improvements	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$0	\$124,000							
2019	206575	Grass Lake	Michigan Ave and N Union St	Michigan Ave and N Union St	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay	\$0	\$350,000	x						
2019	206606	Jackson County	Meridian Road & Bunkerhill Road	Both roads from M-106 to Jackson/Ingham County Line	Road Capital Preventive Maintenance	Single Course Chip Seal	\$0	\$94,000	x						
2019	206607	Jackson County	Onondaga Rd	Onondaga Rd and Woodard Rd	Road Capital Preventive Maintenance	Single Course Chip Seal	\$0	\$94,000	x						
2019	206608	Jackson County	Rives Junction Rd	Rives Junction Rd	Road Capital Preventive Maintenance	Single Course Chip Seal	\$0	\$94,000	x						
2019	206609	Jackson County	Cement City Rd	Race Rd, Cement City Rd, and Brooklyn Rd	Road Capital Preventive Maintenance	Single Course Chip Seal	\$0	\$94,000	x						
2019	207146	Jackson	Greenwood Ave/Jackson St	Greenwood/Jackson Morrell St to Franklin St	Reconstruction	Reconstruct w/ traffic circle	\$0	\$2,011,018	x	x		x			

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2019	207155	Jackson Area Transportation Authority	Transit Capita	Countywide	1140-Bus Support Equip / Facilities	Replacing fencing/gates	\$0	\$151,000						x	
2020	127537	MDOT	M-60 E	EB and WB over I-94	Bridge Replacement	Bridge Replacement	\$0	\$11,833,039			x				
2020	129896	Brooklyn	Marshall St	Marshall St - N Main St (M-50) to Constitution Ave	Reconstruction	Asphalt Resurface	\$0	\$270,000	x						
2020	130205	Jackson County	Springport Rd	County Farm to Rives Junction	Road Rehabilitation	Cold mill and resurface	\$0	\$400,000	x						
2020	130211	Jackson	Francis St	Francis St - Morrell St to Mason St	Reconstruction	Reconstruction	\$0	\$733,750	x						
2020	201001	MDOT	M-50	M-124 to Riverside Road	Road Capital Preventive Maintenance	HMA cold milling and single course HMA overlay	\$0	\$753,775	x						
2020	203074	Jackson Area Transportation Authority	Transit Operating	Areawide	3000-Operating Assistance	Transit operating	\$0	\$2,650,000							
2020	204084	MDOT	I-94BL	Various locations	Road Capital Preventive Maintenance	HMA Crack Treatment and Overband Crack Fill	\$0	\$300,000	x						
2020	204793	MDOT	I-94 E	Various locations throughout Jackson County.	ITS Applications	Install ITS devices along I-94 through out Jackson County.	\$0	\$2,580,713		x					
2020	206049	MDOT	US-127	US127 south of Hart Road	Operation Improvements	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$0	\$124,000							
2020	206049	MDOT	US-127	I69 south of Kalamo Hwy	Operation Improvements	Installation of Virtual Weigh Station (VWS) Cameras at two locations	\$0	\$124,000							
2020	206303	Jackson Area Transportation Authority	Transit Capita	Jackson Area Transportation Authority - 2350 E High St	1110-Bus Rolling Stock	Two full size transit vans for 2020.	\$0	\$125,000					x	x	
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All routes outside MPO boundaries	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All of REGION2 MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					

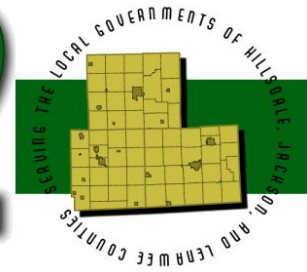
FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All University Region trunklines in SEMCOG MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All of TCRPC MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All routes outside MPO boundaries	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All of REGION2 MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All of University Region in SEMCOG MPO, All University Region trunklines in SEMCOG MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206553	MDOT	University Regionwide Longline Pavement Markings	All of TCRPC MPO	Traffic Safety	Longitudinal marking application on trunklines in University Region	\$0	\$2,737,500		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All routes outside MPO boundaries	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of REGION2 MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of SEMCOG MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					



FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of TCRPC MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All routes outside MPO boundaries	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of REGION2 MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of SEMCOG MPO, All University Region trunkline of SEMCOG MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206555	MDOT	University Regionwide Special Pavement Markings	All of TCRPC MPO	Traffic Safety	Special marking application on trunklines in University Region	\$0	\$515,000		x					
2020	206562	MDOT	University Region Pvmt Mrkg Retro Readings	All routes outside MPO boundaries	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in University Region	\$0	\$15,000		x					
2020	206562	MDOT	University Region Pvmt Mrkg Retro Readings	All of REGION2 MPO	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in University Region	\$0	\$15,000		x					
2020	206562	MDOT	University Region Pvmt Mrkg Retro Readings	All of SEMCOG MPO	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in University Region	\$0	\$15,000		x					
2020	206562	MDOT	University Region Pvmt Mrkg Retro Readings	All of TCRPC MPO	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in University Region	\$0	\$15,000		x					
2020	206577	Parma	S Union St	N Union St and S Union St from	Road Capital Preventive Maintenance	Milling and One Course Asphalt Overlay	\$0	\$250,000	x						
2020	206633	Jackson County	N Elm Ave	N Elm St/Various	Road Capital Preventive Maintenance	One Course Asphalt Overlay	\$0	\$570,859	x						

FY 2017 - 2020 Jckson MPO Transportation Improvement Program TPM Job List									Performance Areas						Projects on the National Highway System (NHS)
									Roads				Transit		
FY	Job#	Responsible Agency	Project Name	Limits	Primary Work Type	Project Description	Fed Obligated Amount	Total Job Cost	Pavement	Safety	Bridges	System Reliability	Transit Safety	Transit Asset Management	
2020	206633	Jackson County	N Elm Ave	N Elm St/Various	Road Capital Preventive Maintenance	One Course Asphalt Overlay	\$0	\$570,859	x						
2020	206924	Jackson County	Countywide, Jackson County	Countywide, Jackson County	Traffic Safety	Edgeline pavement markings	\$0	\$238,056		x					
2020	207158	Jackson Area Transportation Authority	Transit Capita	Countywide	1110-Bus Rolling Stock	Replacing 2 passenger buses	\$0	\$926,000					x	x	
2020	207164	Jackson County	King Rd	King Rd, Mathews Rd to M-60	Road Rehabilitation	Two Course Asphalt Resurfacing	\$0	\$700,000	x						
2020	207182	Jackson County	Multiple Routes, Jackson County	Multiple Routes, Various Locations, Jackson County	Traffic Safety	Upgrade Stop and Stop Ahead signs	\$0	\$21,335	x	x					
2020	207225	Jackson County	Jefferson Road	Jefferson Road from US-127 to Hyde Road, Jackson County	Traffic Safety	Tree removal, pavement markings, intersection sign upgrades	\$0	\$65,000		x					
2020	207226	Jackson County	W Michigan Avenue	W Michigan Avenue from Chapel Road to Sandstone Road, Jackson County	Traffic Safety	Tree removal and intersection sign upgrades	\$0	\$144,960		x					
2020	207227	Jackson County	S Jackson Road	S Jackson Road at Lindsey Road, Jackson County	Traffic Safety	Intersection realignment, construct turn lanes	\$0	\$188,849		x					
2020	207683	Jackson Area Transportation Authority	Transit Operating	Jackson Area Transportation Authority - 2350 E High St	3000-Operating Assistance	Operating Assistance	\$0	\$1,745,000							
2020	207684	Jackson Area Transportation Authority	Transit Operating	Areawide	3000-Operating Assistance	FY 2020 Section 5311 Operating	\$0	\$67,510							

# Region 2 Planning Commission



## JACTS MEMORANDUM

TO: JACTS Technical Advisory and Policy Committees; Region 2 Planning Commission

FROM: Steven Duke  
Executive Director

DATE: April 30, 2019

SUBJECT: Approval of JACTS FY 2020 Urban Transportation Unified Work Program (UWP)

Staff has prepared the Jackson Area Comprehensive Transportation Study (JACTS) FY 2020 Unified Work Program (UWP) and budget for the fiscal year beginning October 1, 2019 and ending September 30, 2020. The primary focus areas that staff will be working on during FY 2019 include the on-going maintenance of the FY 2020-2023 Transportation Improvement Program (TIP) and the monitoring of performance measures and targets to gauge project effectiveness. We will also continue working with our consultant to complete the joint Non-Motorized Transportation Plan for Jackson County and the City of Jackson.

Staff has programmed \$234,267 in Federal Highway Administration (FHWA) funds to complete the tasks outlined in the work program. The required local matching funds are provided by the City of Jackson Engineering Department, the Jackson County Department of Transportation, and the Jackson Area Transportation Authority.

**APPROVAL** is hereby requested for the proposed JACTS FY 2020 UWP and authorization is requested for the R2PC Chair and Executive Director to sign the FY 2020 MDOT project agreement for receipt of the FHWA funds as described above.