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

**FOR FURTHER INFORMATION  
CONTACT:**

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

**DATE: THURSDAY, DECEMBER 17, 2015**

**TIME: 8:00 A.M.**

**PLACE: Jackson Co. Tower Bldg.  
120 W. Michigan Ave. - 5<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 Policy Committee Meeting of November 19, 2015 and Receive the Minutes of the Technical Advisory Committee Meeting of November 10, 2015 (enclosed) – **ACTION**
4. Agency Status Reports (enclosed) – **DISCUSSION**
  - City of Jackson
  - Jackson Area Transportation Authority
  - Jackson County Department of Transportation
  - Michigan Department of Transportation
  - Jackson County Airport-Reynolds Field
5. JACTS FY 2017-2020 Transportation Improvement Program (TIP) – Review Draft Project Lists (enclosed) – **DISCUSSION**
  - Jackson County Department of Transportation
  - City of Jackson
  - Michigan Department of Transportation
  - Jackson Area Transportation Authority
6. Evaluation of the I-94 Corridor from the Indiana State line to U.S.-127 South- Executive Summary (enclosed) – **DISCUSSION**
7. JACTS FY 2015 Obligated List of Projects (enclosed) – **DISCUSSION**
8. Other Business
  - FHWA Update
  - MDOT Update
  - 2016 JACTS Meeting Calendar (enclosed) - **ACTION**
9. Public Comment
10. Adjournment

# MINUTES

## JACTS POLICY COMMITTEE

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

**Thursday, November 19, 2015**

**Members Present:** Todd Brittain, Leoni Township  
John Feldvary, Jackson County Airport-Reynolds Field  
Elwin Johnson, Region 2 Planning Commission  
John Lanum, MDOT – Lansing  
Phil Moilanen, Jackson Area Transportation Authority  
Steve Shotwell, Chair, Jackson County Commission  
Mike Trudell, Summit Township  
Dan Wymer, Napoleon Township  
Marston Fortress, Spring Arbor Township  
Keith Acker, Sandstone Charter Township  
Joe Michalsky, JACTS Technical Advisory Committee  
Mike Overton, Jackson County Department of Transportation

**Members Absent:** Patrick Burtch, City of Jackson  
Jason Smith, City of Jackson  
Pete Jancek, Blackman Charter Township

**Others Present:** Brad Charkowske, Jackson Area Transportation Authority  
Steve Duke, Region 2 Planning Commission  
Aaron Dawson, Region 2 Planning Commission  
Chris Gulock, MDOT – University Region

### ITEM 1      CALL TO ORDER

Chair Shotwell called the meeting to order at 8:03 AM. A quorum was present.

### ITEM 2      PUBLIC COMMENT

No public comments were received.

### ITEM 3      APPROVE MINUTES OF THE POLICY COMMITTEE MINUTES OF OCTOBER 15, 2015 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MEETING MINUTES OF OCTOBER 13, 2015

The motion was made by Mr. Moilanen, supported by Mr. Brittain, to approve the Policy Committee meeting minutes of October 15, 2015 and to receive the Technical Advisory Committee meeting minutes of October 13, 2015 as presented. The motion carried unanimously.

## **JACTS POLICY COMMITTEE MINUTES**

**November 19, 2015**

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

Project status updates were reviewed by the City of Jackson, Jackson Area Transportation Authority, Jackson County Department of Transportation, Michigan Department of Transportation, and Jackson County Airport – Reynolds Field. The Fitness Council report was included in the packet. For the JCDOT update, Mr. Michalsky stated that all FY 2015 projects are complete except the Fifth Street project, which due to insurance and permitting issues will begin next spring. Also, two FY 2016 projects were moved to FY 2017 along with changes in PM scheduling. Dearing Rd. has been moved to FY 2016 and the limits of the project have expanded. Mr. Gulock explained that several MDOT FY 2016 projects have been moved to FY 2017 or later due to financial constraints. Mr. Feldvary informed the Committee about the airport runway project, explaining the several phases that have been started or completed.

### **ITEM 5      JACTS FY 2014-2017 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENTS**

Mr. Michalsky presented the requested amendments to the Committee for Jackson County. The amendments shifted preventative maintenance funding to other projects, as well as expanding the scope of the Dearing Road project. A copy of the amendment request was included in the meeting packet and reviewed. Mr. Moilanen made a motion to approve the FY 2014-2017 JCDOT TIP amendments as presented, which was supported by Mr. Feldvary. The motion carried unanimously. Mr. Gulock presented several proposed MDOT amendments, which added several projects to FY 2016. A copy of the request was included in the meeting packet. Mr. Brittain made a motion to approve the FY 2014-2017 MDOT TIP amendments as presented, which was supported by Mr. Johnson. The motion carried unanimously.

### **ITEM 6      FY 2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROJECT NOMINATION FORM**

Mr. Duke presented the TIP project nomination form to the Committee. This form is used when requesting new projects to the next version of the TIP (FY 2017 to FY 2020). The requests will be collected on December 3<sup>rd</sup>.

### **ITEM 7      OTHER BUSINESS**

- FHWA – No other business was presented.
- MDOT – Mr. Lanum informed the Committee that the resolution for State of Michigan road funding has passed. Information on the anticipated revenue increase will be emailed to the Committee members by Mr. Duke.

### **ITEM 8      PUBLIC COMMENT**

No additional public comments were received.

**JACTS POLICY COMMITTEE MINUTES**  
**November 19, 2015**  
**Page 3**

ITEM 9      **ADJOURNMENT**

There being no further business, and in the absence of Chair Shotwell, Mr. Duke adjourned the meeting at 8:32 AM.

Respectfully submitted,

Steven Duke  
Executive Director

# MINUTES

## JACTS TECHNICAL ADVISORY COMMITTEE

Jackson City Hall  
161 W. Michigan Avenue - 10<sup>th</sup> Floor  
Jackson, Michigan

**Tuesday, November 10, 2015**

Members Present: Jon Dowling, City of Jackson – Engineering  
Steve Duke, Region 2 Planning Commission  
Rick Fowler, MDOT- Lansing  
Simon Foster (Alt.), JATA  
Chris Gulock (Alt.), MDOT- University Region  
Joe Michalsky, Jackson County Dept. of Transportation  
Mike Rand, Jackson County Dept. of Transportation  
Alexandra Cash, Fitness Council of Jackson  
Troy White, City of Jackson – Engineering  
Jack Ripstra, Blackman Charter Township  
Amy Torres, The Enterprise Group  
Kent Maurer, Jackson County Airport – Reynolds Field

Members Absent: Christopher Bolt, Jackson County Dept. of Transportation  
Todd Knepper, City of Jackson Public Works  
Andrea Dewey, FHWA (Ex-officio)

Others Present: Aaron Dawson, Region 2 Planning Commission

### ITEM 1      CALL TO ORDER

Chair Michalsky called the meeting to order at 9:30 AM. Introductions were made.

### ITEM 2      PUBLIC COMMENT

Chair Michalsky asked if anyone from the public wished to address the Committee. No public comments were offered.

### ITEM 3      APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF AUGUST 11, 2015 AND RECEIVE THE POLICY COMMITTEE MINUTES OF AUGUST 20, 2015

The motion was made by Mr. Maurer, supported by Mr. Rand, to approve the Technical Advisory Committee meeting minutes of October 13, 2015 and receive the Policy Committee meeting minutes of October 15, 2015 as presented. The motion carried unanimously.

## **JACTS TECHNICAL ADVISORY COMMITTEE**

**November 10, 2015**

**Page 2**

### **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, Jackson County Airport-Reynolds Field, Fitness Council of Jackson, and the Enterprise Group.

### **ITEM 5      JACTS FY 2014-2017 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AMENDMENTS**

Chair Michalsky informed the committee of several projects being reprogrammed or deleted due to funding changes and development of new projects. A detailed amendment list was included in the agenda packet, a brief summary is below:

- Delete preventative maintenance for Hardcastle Road due to local match loss
- Add preventative maintenance for Mt. Hope Road – Grass Lake to I-94
- Add preventative maintenance for Francisco Road – E. Michigan Ave to I-94, and combine with Clear Lake Road PM
- Extend scope of Dearing Road by 1.5 miles, no change in funding

A motion was made by Mr. Ripstra, supported by Mr. Rand, to approve the TIP amendments as presented. The motion passed unanimously.

Mr. Gulock presented five amendments from the Michigan Department of Transportation. A detailed amendment list was included in the agenda packet, a brief summary is below:

- Add PE phase preventative maintenance for I-94, Jackson CL to M-60
- Add construction phase preventative maintenance for I-94, Jackson CL to M-60
- Add cold mill and overlay for M-50, Napoleon Road to Stoney Lake
- Add reconstruction for M-50 and US-127, Michigan to Wildwood and Ganson to North
- Add reconstruction for I-94 BL, Brown to Louis Glick

A motion was made by Mr. Maurer, supported by Ms. Torres, to approve the TIP amendments as presented. The motion passed unanimously.

### **ITEM 6      FY 2017-2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROJECT NOMINATION FORM**

Mr. Duke presented the FY 2017-2020 TIP Project Nomination Form to the committee. He also informed the committee that voting on projects would be in December and that there is approximately \$1.15 million dollars in funding available per year.

**JACTS TECHNICAL ADVISORY COMMITTEE**

**November 10, 2015**

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**ITEM 7**

**OTHER BUSINESS**

- FHWA: No other business was discussed.
- MDOT: No other business was discussed.

**ITEM 8**

**PUBLIC COMMENT**

Chair Michalsky asked if anyone from the public wished to address the Committee. No public comments were received.

**ITEM 9**

**ADJOURNMENT**

There being no further business, Chair Michalsky adjourned the meeting at 10:15 AM.

*Aaron Dawson  
Senior Planner*



# Neighborhood & Economic Operations

Building a Stronger Jackson

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161 W. Michigan Avenue • Jackson, MI 49201-1303 • Facsimile (517) 780-4781

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Building Inspection  
(517) 788-4012

Code Enforcement  
(517) 788-4060

Engineering  
(517) 788-4160

Planning & Economic Development  
(517) 768-6433

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

**DATE:** November 30, 2015

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

**SUBJECT:** TIP Project Status

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## 2012

Trail St at Railroad Crossing (Local Safety Program) – Construct non-motorized crossing and bridge sidewalk repair. MDOT contract is finalized. City received the payment from the bond company. Final work to be completed in the Spring.

## 2015

Wisner: Argyle to Boardman (Cat F) – Mill and resurface with new sidewalk on the east side. Hubbell, Roth and Clark (HRC) is the City's consultant. **Revising plans are at MDOT for advertising.**

West Ave: Bloomfield to High (urban) - Reconstruct pavement with curb repairs. Wade-Trim is the City's consultant. Bailey Excavating is the City Contractor. **Road work is complete. Traffic signal strain poles came in around mid-November and were the wrong size for the bases installed. New poles are scheduled to arrive by December 8 and the final signal work completed by December 30.**

Lewis Street Bridge (Local Bridge) – Bridge replacement over the Grand River. FTC&H is the City's consultant. **Bridge is complete.**

Lansing-Ganson Signal (Urban) – New box span signal with a south bound left turn lane add. FTC&H is the City's Consultant. Bids received in September, Bailey Exc is the low bidder. Construction in early spring.

## 2016

Mechanic: Morrell to Washington (Urban) - Reconstruction with water main replacement. DLZ is the City's consultant. Preliminary design is being reviewed by the City.





2350 EAST HIGH STREET

JACKSON, MICHIGAN 49203-3490

(517) 787-8363 FAX (517) 787-6833

**Projects  
2014-2017 TIP  
(December, 2015 Report)**

**FY 2014**

- 1. Vehicle procurements**
  - a. 5 Ford Transits and 1 El Dorado have been ordered**
- 2. Transit Center Refurbishment**
  - a. Contract has been awarded**
  - b. Projected project completion by Spring 2016**
- 3. HVAC replacement and upgrade at Main Base**
  - a. Contract has been awarded**
  - b. Projected start date 2<sup>nd</sup> Quarter FY2016**

**FY 2015**

- 1. Shop Equipment**
  - a. Procurement in progress**
- 2. Facility Upgrades (5339)**
  - a. Grant authority has been awarded**
  - b. Procurement schedule is being developed.**
- 3. ADA Compliant Software for increasing rider mobility**
  - a. Researching vendors and available technologies**
  - b. Plan on starting project early in 2016.**

CHRISTOPHER J. BOLT, MPA, P.E.  
*Managing Director*  
ROBERT D. GRIFFIS  
*Director of Operations*



**DEPARTMENT OF  
TRANSPORTATION**

JOSEPH M. MICHALSKY, P. E.  
*County Engineer*  
MARILYN KILPATRICK  
*Office Manager*

**Jackson Area Comprehensive Transportation Study (JACTS)  
Technical Advisory Committee & Policy Committee  
December 8, 2015**

**2015 PROJECTS:**

**HAGUE AVENUE BRIDGE OVER THE GRAND RIVER (Local Bridge):** Project complete and open to traffic on August 28<sup>th</sup>

**BOARDMAN ROAD: WEST AVENUE TO MAYNARD ROAD (STUL):** Project completed July 1<sup>st</sup>

**MOSCOW ROAD: M – 60 TO THE SOUTH COUNTY LINE (STP-Rural):** Project completed September 14<sup>th</sup>

**LANSING AVENUE: HENRY ROAD TO THE NORTH COUNTY LINE (STP-Rural):** Project completed September 14<sup>th</sup>

**COUNTY FARM ROAD: GARDNER ROAD TO PARMA ROAD (STP-Rural):** Project completed September 14<sup>th</sup>

**GUARDRAIL REPLACEMENT (Safety):** Project completed July 28<sup>th</sup>

**2016 PROJECTS:**

**WEST MICHIGAN AVENUE BRIDGE OVER MDOT RAILROAD AND RAILROAD STREET (Local Bridge):** T, S and L drawings were approved; must be redone for new railroad requirements. Construct in 2017

**ROBINSON ROAD: WEST MICHIGAN AVENUE TO MCCAIN ROAD (STUL):** Preliminary plans submitted; GI date is 12/02; looking for an April 2016 letting

**DEARING ROAD: COUNTY FARM ROAD TO M – 60 (SPRING ARBOR ROAD) (STP-Rural):** Cold-mill and resurface from I-94 to MACI Blvd.; Wedge, chip seal and fog seal remaining sections

**MT. HOPE ROAD: GRASS LAKE VILLAGE TO I – 94 (STP-Rural):** Wedge, chip seal and fog seal

**FRANCISCO ROAD/CLEAR LAKE ROAD: EAST MICHIGAN AVENUE TO I – 94 (STP-Rural):** Wedge, chip seal and fog seal

**FIFTH STREET: PAGE AVENUE TO BROAD STREET (Category F and Streetscape TAP Grant):** Approved by MDOT Ad Board and MDOT Commission; waiting for award—RR insurance issues

**2017 PROJECTS**

**ROBINSON ROAD: SPRING ARBOR ROAD TO KIBBY ROAD (STUL):** No activity

**EAST MICHIGAN AVENUE UNDER THE RAILROAD VIADUCT (STP-Rural):** No activity

**BERRY ROAD: RIVES EATON ROAD TO LANSING AVENUE (STP-Rural):** No activity

**RIVES EATON ROAD: PERRINE ROAD TO BERRY ROAD (STP-Rural):** No activity

**WEST MICHIGAN AVENUE: GLASGOW ROAD TO PARMA VILLAGE (STP-Rural):** No activity



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
**DEPARTMENT OF TRANSPORTATION**  
LANSING

KIRK T. STEUDLE  
DIRECTOR

December 8, 2015

**FY 2015**

**I-94 EB & WB – Grass Lake Weight Scales**, Expand concrete parking pad for chase vehicles. Work is being completed by MDOT forces.

**FY 2016**

**I-94 (OV Parma Rd, UN Gibbs Rd, OV Blackman Rd.)** - Shallow and deep concrete overlays, full depth deck patches, concrete T-beam repairs, substructure repairs, bridge railing repairs, approach work, partial painting, thrie beam railing retrofit, concrete surface coating and traffic control. Currently finishing up final plans. OEC Meeting was held and the project is on schedule for a December letting

**I-94 (M-99, Michigan Ave, EB & WB over Concord Road, Dearing Rd, Sandstone Rd, Airport Rd)** - Deck patching, joint replacement, epoxy overlay, partial paint, steel and concrete beam repairs, steel beam high load hit repairs, substructure repairs, approach work, barrier rail patching and maintaining traffic. Currently finishing up final plans. This is packaged as a single project with the above bridges.

**M-50 (US-127 NB entrance ramp) to Napoleon Rd.** - HMA cold milling and 2 course overlay with joint repairs, intermittent curb and gutter replacement, minor drainage improvements, and intersection improvements. Final plans are complete and ROW has been certified. The OEC Meeting was held. The project's design will be completed and put on the shelf waiting for available funds to determine a construction season.

**I-94 BL/W. Michigan Ave. (Brown St. to Washington / Louis Glick)** – Full concrete pavement roadway reconstruction with water main, lighting and sidewalk replacement. Continuing to work on plan development. Right-of-Way acquisition will begin this summer.

**M-50 (Ganson to North and Michigan to Wildwood)** – Full pavement reconstruction with drainage and other improvements. Continuing to work on plan development. Right-of-Way acquisition will begin this summer.

**M-60 (EB & WB OV I-94), (PE, SUB & ROW) – Bridge Replacement**  
Project scope is under development.

**FY 2017**

**M-60 (Emerson to Renfrew)** – HMA cold milling and 2 course overlay with joint repairs, intermittent curb and gutter replacement, minor drainage improvements and intersection improvements. Project design will begin fall 2015.

**M-60 (Chapel Rd to Emerson Rd)** - Rehabilitation and intermittent reconstruction including widening for center left-turn lane between Chapel Road and Dearing Road; drainage improvements, sidewalk upgrades and possible non-motorized work. Project design will begin fall 2015.

**I-94 (Michigan Ave. to Dearing Rd.), (PE & ROW) – Reconstruction**  
Project scope is under development.





# Jackson County Airport – Reynolds Field

## *Flying Jackson Forward!*

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Kent L. Maurer, Airport Manager

### JACTS Airport Report December 2015

- Runway 7-25 Phase I Construction and landfill disposal has started
- Not too many surprises during landfill excavation
- Some complaints from neighboring businesses about dust and dirt and truck traffic
- Approximately 15% complete with landfill excavation
- Fencing has started



## **JACTS TIP Subcommittee Meeting 12/03/2015**

### **Target STUL Amount Annual Allocation - \$1,187,000**

#### **FY 2017**

- **Kibby Road** (City limits to West Avenue) – reconstruct. \$929,000 STUL/\$232,000 Local
- **Robinson Road** (Spring Arbor Road to Kibby Road) – resurface. \$375,000 STUL/\$94,000 Local

#### **FY 2018**

- **Fourth St** (Audubon to Horton) – single course mill & resurface; construct roundabout at Hickory. \$782,000 STUL/\$195,200 Local
- **W. Michigan Avenue** (M-60 to Glasgow Road) – cold mill & resurface. \$320,000 STUL/\$80,000 Local
- **Ganson@Steward** – reconstruction of signal. \$85,000 STUL/\$21,250 Local

#### **FY 2019**

- **Laurence Ave** (RR to Wildwood Avenue) – cold mill & resurface. \$200,000 STUL/\$50,000 Local
- **Laurence Ave** (Wildwood Ave to Argyle St) – cold mill & resurface. \$400,000 STUL/\$100,000 Local
- **Francis St** (Morrell to Mason) – reconstruct. \$587,000 STUL/\$146,750 Local

#### **FY 2020**

- **Greenwood/Wilkins** (Morrell to Jackson) – reconstruct. \$587,000 STUL/\$146,000 Local
- **Springport Road** (County Farm Road to Rives Junction Road) – cold mill & resurface. \$320,000 STUL/\$80,000 Local
- **O'Neill Drive** (Airport Road to dead end) – cold mill & resurface. \$280,000 STUL/\$70,000 Local

# Draft

## Jackson County Department of Transportation 2018 - 2020 Proposed TIP Projects (Urban)

Project	PASER Rating	NFC Classification	Type of Construction	Length (miles)	Estimated Construction Cost	Federal Aid	JCDOT Match	Traffic Counts	Year
<b>FY 2019 O'NEILL DRIVE--</b> AIRPORT ROAD TO DEAD END	5	None yet	Cold mill and resurface, spot curb repair	0.41	\$350,000	\$280,000	\$70,000	8,032	2014
<b>SOUTH STREET--</b> U. S. 127 TO LOSEY AVENUE	4	Minor Arterial	Reconstruct, curb and gutter, storm sewer, resurfacing	0.90	\$750,000	\$600,000	\$150,000	4,849	2015
<b>SOUTH STREET--</b> U. S. 127 TO FLANSBURGH ROAD	4	Minor Arterial	Cold mill and resurface, ditching	1.10	\$600,000	\$480,000	\$120,000	7,096	2010
<b>SOUTH STREET--</b> FLANSBURGH ROAD TO M - 50	5	Minor Arterial	Wedge, chip seal and fog seal	1.50	\$225,000	\$180,000	\$45,000	4,806	2010
<b>SEYMOUR ROAD--</b> ELM ROAD TO DETTMAN ROAD	4	Major Collector	Cold mill and resurface, ditching	1.31	\$695,000	\$556,000	\$139,000	3,673	2012
<b>SHIRLEY DRIVE--</b> SPRINGPORT ROAD TO PARNALL ROAD	4	Major Collector	Cold mill and resurface	1.00	\$580,000	\$464,000	\$116,000	4,261	2012
<b>SHIRLEY DRIVE--</b> LANSING AVENUE TO SPRINGPORT ROAD	4	Major Collector	Cold mill and resurface	1.00	\$580,000	\$464,000	\$116,000	2,761	2010
<b>FY 2019 WEST MICHIGAN AVENUE--</b> M - 60 TO GLASGOW ROAD	5	Major Collector	Cold mill and resurface	0.80	\$425,000	\$340,000	\$85,000	11,612	2010
<b>FY 2020 SPRINGPORT ROAD--</b> COUNTY FARM TO RIVES JUNCTION ROAD	5	Minor Arterial	Cold mill and resurface	0.75	\$400,000	\$320,000	\$80,000	6,666	2010
<b>SOUTH JACKSON ROAD--</b> FERGUSON ROAD TO LEXINGTON BLVD.	5	Minor Arterial	Wedge, chip seal and fog seal	1.50	\$275,000	\$220,000	\$55,000	6,384	2009
<b>SOUTH JACKSON ROAD--</b> LEXINGTON ROAD TO KIMMEL BLVD.	4	Minor Arterial	Cold mill and resurface	1.44	\$725,000	\$580,000	\$145,000	3,000	2009
<b>FY 2018 LAURENCE AVENUE--</b> RAILROAD RIGHT-OF-WAY TO WILDWOOD AVENUE	3	Principal Arterial	Cold mill and resurface, base repair, spot curb repair	0.25	\$250,000	\$200,000	\$50,000	10,133	2014
<b>FY 2018 LAURENCE AVENUE--</b> WILDWOOD AVENUE TO ARGYLE STREET	2	Principal Arterial	Cold mill and resurface, base repair, spot curb repair	0.50	\$510,000	\$408,000	\$102,000	13,399	2014
<b>BOARDMAN ROAD--</b> MAYNARD AVENUE TO AIRPORT ROAD	4	Major Collector	Reconstruct and stabilize soils	0.50	\$700,000	\$560,000	\$140,000	8,928	2014
<b>HAGUE AVENUE--</b> MCDEVITT AVENUE TO MARION ROAD	3	Minor Arterial	Reconstruct, curb and gutter, storm sewer, resurfacing	1.00	\$800,000	\$640,000	\$160,000	2,749	2012
<b>HAGUE AVENUE--</b> MARION ROAD TO KIMMEL ROAD	3	Minor Arterial	Cold mill and resurface	1.50	\$600,000	\$480,000	\$120,000	2,399	2012
<b>HIGH STREET--</b> SOUTH BROWN STREET TO WARREN AVENUE	3	Minor Arterial	Cold mill and resurface, curb and gutter, drainage, replace bike path	0.60	\$475,000	\$380,000	\$95,000	1,669	2015

2018 PROJECTS

2019 PROJECTS

2020 PROJECTS

CITY OF JACKSON PROJECTS  
FOR INCLUSION IN THE JACTS TRANSPORTATION IMPROVEMENT PLAN (TIP)  
2017 - 2020 (FINAL 12/03/15)

Tip Year	Project Name	Limits	NFC	PASER Rating	Curb Condition	Traffic Counts		Length		Base Type	Proposed Improvement Description	Total		Federal Portion	Non Federal Portion
						ADT	Year	miles	feet			Const	Cost		
2017	Kibby	City Limit to West	M	4	Good	6,593	2011	0.658	3,474	HMA	Reconstruct pavement with curb repairs on boulevard islands and curb replacement on outside lanes to reduce pavement width to one vehicle lane in each direction. Project will include features to improve accessibility to adjacent non-motorized facilities.	\$1,161,000		\$928,800	\$232,200
2018	Francis	Morrell to Mason	P	4 & 5	Poor/Fair	8,519	2012	0.203	1,072	Conc	Reconstruct pavement with new curb. Reconstruct traffic signal at Morrell.	\$733,750		\$587,000	\$146,750
2019	Greenwood and Wilkins	Morrell to Jackson	M	4	Fair	3,559	2015	0.186	982	Brick	Reconstruct with curb replacement. Reconstruct traffic signal at Morrell.	\$734,000		\$587,200	\$146,800
2020	Fourth	Horton to Audubon	M	6	Good	11,749	2011	0.978	5,164	HMA	Single course mill and surface with sidewalk construction along east side from Horton to Hickory (1260' +/-) and from Sulgrave to Park (1230' +/-) and construction of a roundabout at Hickory.	\$977,500		\$782,000	\$195,500
	Blackstone	Morrell to Washington	M	5	Good/Fair	3,322	2012	0.374	1,975	HMA	Reconstruct pavement with curb repairs.	\$801,000		\$640,800	\$160,200
	Fourth (signal)	at Horton	P	NA	NA	11,749	2011	0.000	0	HMA	Realign intersection. Reconstruction traffic signal.	\$380,000		\$304,000	\$76,000
	Francis (signal)	at Prospect	P	NA	NA	7,434	2011	0.000	0	HMA	Reconstruct traffic signal.	\$152,000		\$121,600	\$30,400
	Franklin	Brown to West	C	3	Poor	1,192	2014	0.503	2,656	Conc	Reconstruct with curb replacment. Build sidewalk thru gaps in existing sidewalk system (1370'+/-).	\$1,393,000		\$1,114,400	\$278,600
	Ganson (signal)	at Steward	P	NA	NA	11,042	2014	0.000	0	HMA	Reconstuction traffic signal.	\$152,000		\$121,600	\$30,400
	High	Executive to South	M	3	None	5,744	2015	0.631	3,332	HMA	Crush, reshape and repave existing asphalt pavement	\$627,000		\$501,600	\$125,400
	Michigan	Steward to Blackstone	M	4 & 5	Poor	4,932	2011	0.229	1,209	Conc	Reconstruct with curb replacement.	\$659,000		\$527,200	\$131,800
	Morrell	Greenwood to Francis	M	4 & 5	Good	7,252	2015	0.362	1,911	HMA	Reconstruct pavement with curb repairs.	\$724,000		\$579,200	\$144,800
	Morrell (signal)	at First	M	NA	NA	8,640	2006	0.000	0	HMN	Reconstruct traffic signal.	\$152,000		\$121,600	\$30,400
	Morrell (signal)	at Fourth	M	NA	NA	7,717	2009	0.000	0	HMA	Reconstruct traffic signal.	\$152,000		\$121,600	\$30,400
	North	Lincoln to Lansing	M	4	Fair	8,133	2009	0.291	1,536	HMA	Reconstruct pavement with curb replacement.	\$843,000		\$674,400	\$168,600
	Prospect	Fourth to Francis	M	5 & 6	Poor/Fair	6,017	2015	0.754	3,981	Conc	Reconstruct pavement with curb replacement. Build sidewalk thru gaps in existing sidewalk system (600'=-/-). Reconstruct traffic signal at Fourth.	\$1,784,000		\$1,427,200	\$356,800
	Prospect	Francis to Townley	M	6	Fair	4,633	2015	0.677	3,575	Conc	Mill and resurface with curb repairs. Build sidewalk thru gaps in existing sidewalk system (840'=-/-)	\$680,000		\$544,000	\$136,000
	Randolph	Brown to High	M	4	Poor	2,564	2015	0.368	1,943	HMA	Reconstruct w/ boulevard and new curb with one shared use lane each direction. Build storm sewer. Reconstruct mixed-use path.	\$1,678,000		\$1,342,400	\$335,600
	Steward	Lansing to Wildwood	M	4	Good	4,269	2014	0.739	3,902	HMA	Two course mill and repave with curb repairs and geometric improvements of Lansing Avenue intersection. Reconstruct traffic signal at Ganson.	\$772,000		\$617,600	\$154,400
	Washington	Brown to West	C	5	Good	1,354	2014	0.503	2,656	HMA	Mill and resurface.	\$466,000		\$372,800	\$93,200
	West (signal)	Morrell	M	NA	NA	9,291	2011	0.000	0	HMA	Reconstruct traffic signal.	\$152,000		\$121,600	\$30,400
	Wisner	Morrell to Michigan	C	2 & 4	Poor	1,882	2015	0.508	2,682	Conc	Reconstruct with curb replacement. Build sidewalk thru gaps in existing sidewalk system (1200'+/-).	\$1,282,000		\$1,025,600	\$256,400
	Wisner	Wildwood to Ganson	M	4	Fair	13,023	2014	0.209	1,104	HMA	Reconstruct pavement with curb repairs (include Ganson intersection). <u>RR Xing replacement NOT included.</u> Reconstruct traffic signal at Ganson.	\$583,000		\$466,400	\$116,600
Totals												\$17,038,250		\$13,630,600	\$3,407,650

**National Functional Classifications (NF)**

P = Principal Arterial

M = Minor Arterial

C = Urban Collector

Region 2 Planning Commission FY 2017-2020 TIP (DRAFT)																																		
11-30-15																																		
Required Fields																						Optional Fields								E-File v. 5.0 (09.30.15)				
Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/ Rural Action Date	Amend-ment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approva l Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	MPO			
2017	JACKSON	MDOT	M-106	Ganson to Porter St.	0.92	Resurface	Single Course Mill and Resurface	PE		66	NH	15	M			81	129154							750										
2017	JACKSON	MDOT	M-106	Bunkerhill Rd to 1300 ft west of Sayers Rd	1.90	Resurface	Single Course Mill and Resurface	PE		12	ST	3	M			15	129162							548										
2017	JACKSON	MDOT	M-106	Bunkerhill Rd to 1300 ft west of Sayers Rd	1.90	Resurface	Single Course Mill and Resurface	CON		436	ST	97	M			533	129162							548										
2017	JACKSON	MDOT	M-50/US-127BR	North St to Boardman Rd	0.77	Restore & rehabilitate	Longitudinal Joint Repair	PE		21	ST	5	M			25	129189							370										
2017	JACKSON	MDOT	M-50/US-127BR	North St to Boardman Rd	0.77	Restore & rehabilitate	Longitudinal Joint Repair	CON		282	ST	63	M			345	129189							370										
2017	JACKSON	MDOT	M-50	Rives Junction to Pope Church Rd	6.00	Resurface	Micro-Surface, Warranty	PE		12	ST	3	M			14	129151							761										
2017	JACKSON	MDOT	M-50	Rives Junction to Pope Church Rd	6.00	Resurface	Micro-Surface, Warranty	CON		611	ST	136	M			747	129151							761										
2017	JACKSON	MDOT	I-94BL	Cooper St to Dwight St	1.20	Resurface	HMA Cold Milling and Single Course Overlay	CON		990	NH	219	M			1,209	127495							1,299										
2017	JACKSON	MDOT	M-60	Emerson Rd to Renfrew Rd	2.50	Resurface	2 Course Mill and Resurface	CON		3,516	ST	780	M			4,295	120275							4,686										
2017	JACKSON	MDOT	M-60	Chapel Rd to Emerson Rd	1.60	Resurface	Resurface/Widening with CLTL	CON		7,585	ST	1,682	M			9,267	120277							10,481										
2017	JACKSON	MDOT	I-94	I-94 at Elm Rd	1.50	Reconstruct	Reconstruct Interchange	SUB		452	IM	50	M			503	129153							19,799										
2017	JACKSON	MDOT	I-94	I-94 at Elm Rd	1.50	Reconstruct	Reconstruct Interchange	PE		1,325	IM	147	M			1,472	129153							19,799										
2018	JACKSON	MDOT	I-94	I-94 over Conrail and THE Grand River	0.40	Bridge replacement	Realign and Replace Structure	CON		18,159	IM	2,018	M			20,177	115861							22,170										
2018	JACKSON	MDOT	I-94	M-106 NB and SB (Cooper St) over I-94	0.20	Bridge replacement	Bridge Replacement and Associated Road Work	CON		12,669	IM	1,408	M			14,077	115862							17,765										
2018	JACKSON	MDOT	M-106	Ganson to Porter St.	0.92	Resurface	Single Course Mill and Resurface	CON		548	NH	121	M			669	129154							750										
2018	JACKSON	MDOT	I-94	M-60 to Sargent	8.90	Reconstruct	Reconstruct/Rehab	CON		36,948	IM	4,105	M			41,054	120273							46,054										
2020	JACKSON	MDOT	M-60	EB and WB over I-94	0.27	Bridge replacement	Replacement	CON		12,858	IM	1,429	M			14,287	127537							15,812										
2020	JACKSON	MDOT	I-94	I-94 at Elm Rd	1.50	Reconstruct	Reconstruct Interchange	ROW		90	IM	10	M			100	129153							19,799										



Region 2 Planning Commission FY 2017 - 2020 STIP / TIP Report

Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Action Date	Amendment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date
2017	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		1,213	5307	1,596	CTF	1,797	TRAL	4,605					NA		4,605							
2017	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		99	5311	247	CTF	349	TRAL	696					NA		696							
2017	JACKSON	JATA	Transit capital	County wide		Transit vehicle additions/replacements	Purchase up to 3 van replacement vehicles	T-Cap		100	STL			25	TRAL	125					NA		125							
2017	JACKSON	JATA	Bus replacement	Urbanized area		Transit vehicle additions/replacements	Replace 2 full-size buses	T-Cap		640	5339	160	CTF			800					NA		800							
2018	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		1,249	5307	1,643	CTF	1,851	TRAL	4,743					NA		4,743							
2018	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		102	5311	254	CTF	360	TRAL	716					NA		716							
2018	JACKSON	JATA	Transit capital	County wide		Transit vehicle additions/replacements	Purchase up to 3 Sprinter replacement vehicles	T-Cap		105	STL			30	TRAL	135					NA		135							
2018	JACKSON	JATA	Facility Upgrades	Area-wide		Transit Facility	Replace HVAC in non-admin areas of main base	T-Cap		113	5339	28	CTF			141					NA		141							
2019	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		1,286	5307	1,693	CTF	1,906	TRAL	4,885					NA		4,885							
2019	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		105	5311	262	CTF	371	TRAL	738					NA		738							
2019	JACKSON	JATA	Transit capital	County wide		Transit vehicle additions/replacements	Purchase up to 3 Sprinter replacement vehicles	T-Cap		105	STL			30	TRAL	135					NA		135							
2019	JACKSON	JATA	Facility Upgrades	Area-wide		Transit Facility	Administrative office rehabilitation and upgrade	T-Cap		113	5339	28	CTF			141					NA		141							
2020	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		1,325	5307	1,744	CTF	1,963	TRAL	5,032					NA		5,032							
2020	JACKSON	JATA	Transit operating	County wide		Transit operations	Transit operating funds	T-Ops		108	5311	270	CTF	382	TRAL	760					NA		760							
2020	JACKSON	JATA	Transit capital	County wide		Transit vehicle additions/replacements	Purchase up to 3 Sprinter replacement vehicles	T-Cap		105	STL			30	TRAL	135					NA		135							
2020	JACKSON	JATA	Facility Upgrades	Area-wide		Transit Facility	TBD	T-Cap		113	5339	28	CTF			141					NA		141							

# **Evaluation of the I-94 Corridor from the Indiana State Line to US-127 South**

## **FINAL REPORT**



Prepared in cooperation with the Michigan Department of Transportation, Michigan State Police and the Federal Highway Administration.

October 26, 2015

## EXECUTIVE SUMMARY

On the morning of January 9, 2015 at approximately 9:20 A.M., first responders were dispatched to address a multiple vehicle crash which had occurred near mile marker 90 along I-94 in Kalamazoo County. Initial units arriving on the scene reported multiple strings of crashes located in all travel lanes as well as the center median and shoulders in both the eastbound and westbound directions. Further, fire was evident in the pile of vehicles located in the eastbound travel direction.

In the wake of this major crash event, State Senator Margaret O'Brien submitted a letter to the Michigan Department of Transportation (MDOT), which was followed by a subsequent inquiry from Governor Rick Snyder, regarding the safety of I-94 in eastern Kalamazoo County. Shortly thereafter, MDOT committed to a safety evaluation of the I-94 corridor between the Indiana border and US-127 South in Jackson County. The decision to expand the corridor boundaries was largely due to MDOT's concern with the occurrence of major crashes in the prior year and associated extensive freeway closure durations. Approximately 143 continuous miles of I-94 were included within this study, including all sections of the corridor in Berrien, Van Buren, Kalamazoo, Calhoun, and the western portion of Jackson County, as displayed in the figure below.



**I-94 Study Corridor in Southwest Michigan**

This report provides details of the safety evaluation of the I-94 corridor between the Indiana border and US-127 South in Jackson County. The team included engineers, safety experts, and law enforcement officers from the Federal Highway Administration (FHWA), Michigan State Police (MSP), and the Michigan Office of Highway Safety Planning (OHSP), among others. The study incorporated an engineering review of extensive data, including recent crash patterns, roadway geometry, cross-sectional characteristics, barrier locations, related weather conditions, incident management, and initiatives of various agencies. A series of county-level safety reviews were performed, including field reviews of

locations with high crash concentrations, in addition to detailed reviews of the crash reports at targeted areas to identify specific safety issues, trends, and patterns, and develop potential safety countermeasures and recommendations. The findings, conclusions, and recommendations (both corridor-wide and site-specific) that resulted from this study are summarized as follows.

### **Corridor Safety Findings**

The findings of this review indicated that the study corridor, as a whole, experiences crashes at a rate that is comparable with other freeway corridors in Michigan. Like other corridors, specific influences of weather, atmospheric conditions, geometry, lighting, traffic volumes, driver behavior, and other factors result in above average crash rates in specific areas. It is worth noting that the portion of the corridor where the 193-vehicle crash occurred in January of 2015 is historically not an area with above average crash occurrence. The specific safety findings are summarized as follows:

- A total of 6,678 crashes occurred along the study corridor (mainline) between 2012 and 2014, including 5,840 (87.5 percent) that did not involve deer. The overall corridor crash rate during this period was 101.12 crashes (88.43 non-deer crashes) per 100 million vehicle miles traveled.
- From 2012 – 2014, the I-94 study corridor had an overall crash rate that was similar to the statewide average for freeways with 70 mph posted speed limits. However, during this same period, the study corridor experienced a winter season (December – February) crash rate that was 24 percent greater than the other statewide 70 mph freeways. Only I-196 and US-131 demonstrated greater winter season crash rates than the study corridor during this period.
- Crashes occurred 16.3 percent more frequently in the eastbound direction compared to westbound. Eastbound crashes were particularly overrepresented in Berrien, Van Buren, and Jackson Counties. This directional disparity may be attributed to differing geometric conditions between the two directions, particularly near interchanges.
- Considering all counties included in the study corridor, crash rates (per 100 million VMT) were greatest in Van Buren County, particularly in the eastbound direction and especially during winter months, when the eastbound crash rate is 65 percent greater than the eastbound corridor average. Overall crash rates in Berrien, Kalamazoo, Calhoun, and Jackson Counties were not significantly different from each other, although winter crash rates were significantly lower in Jackson County compared to the other counties.
- Approximately 65 percent of the winter season crashes involved a vehicle driving “too fast for conditions”, compared to only 38 percent of all-season crashes. This suggests that speed plays a greater role in winter-season crashes compared to other seasons. This also supports the Michigan

State Police findings from the January 9, 2015 crash, in which a total of 58 drivers were cited for driving too fast for conditions, including 30 commercial drivers.

- A statistical analysis of crashes on the I-94 study corridor was performed to determine the impacts of various roadway, geometric, weather, and roadside factors. The factors that were found to correlate to a higher rate of overall crash occurrence included:
  - Interchange presence,
  - Significant horizontal curvature,
  - Limited stopping sight distance (due to vertical curvature), and
  - Segments with only two lanes in each direction.
- Similar results were also found for winter crashes. However, in addition, a very strong correlation between average annual snowfall and crashes was also determined. This finding helps explain the extreme overrepresentation of winter crashes in Van Buren County, which typically experiences the greatest snowfall totals along the study corridor.

### **Corridor-wide Recommendations**

Improving roadway safety takes significant efforts from all stakeholders, including the transportation agencies that own, operate, and maintain the roadways; enforcement agencies; first responders; policy makers; and ultimately the motorists traveling along the roadway. The findings of this report compliment the ongoing safety efforts of MDOT and MSP by identifying crash concentrations, contributing factors, and possible solutions. While statewide trends for serious crashes have generally improved over the past several years, opportunities for significant improvement still remain. Several corridor-wide recommendations were made as a result of the findings of this study, which are provided as follows. By incorporating these recommendations (along with the site-specific recommendations, as funding permits), the corridor review team believes continual improvements in crash and severity reductions can be made along the I-94 study corridor.

- MDOT should continue data driven crash mitigation efforts, focusing on the highest priority crash locations, and utilizing the most cost effective strategies to improve safety. Several safety related improvement projects have recently been completed along the I-94 study corridor, and several more are scheduled to occur over the next five years. As future projects become funded, incorporation of crash and crash severity reducing strategies into these projects should continue to be evaluated.
- It is also recommended that MDOT continue improving operational and roadway maintenance procedures to further enhance roadway safety. Utilizing historic crash information along with

implementation of pavement condition forecasting technology can assist with maintaining historically problematic winter crash areas.

- Efforts toward improving driver behavior should also continue to occur. The frequency and severity of crashes can be reduced when drivers maintain a safe speed for the roadway conditions. Continuing campaigns by enforcement agencies is recommended. Additionally, efforts to inform motorists of adverse driving conditions should be continued, but must be timely and specific. This may include communication of roadway conditions via dynamic message signs or other technology or temporary reduction of statutory roadway speed limits via variable speed limit displays. It is recommended that specific legislation be enacted to legally accommodate the latter. At this time only a lower advisory speed could be displayed.

### **Site-Specific Recommendations**

A series of site reviews were performed to help identify specific areas of high crash occurrence and develop recommendations to address the associated safety issues. The following countermeasures were considered:

- Winter Weather Treatments
  - Environmental sensor stations
  - Variable speed limits
  - ITS devices providing weather-related messages
  - Advanced de-icing strategies
  - Living snow fence (strategic planting of roadside vegetation)
- Pavement Surface Treatments
  - Resurfacing
  - High friction course
- Visibility Enhancements
  - Signing
  - Pavement markings
  - Delineation
  - Lighting
- Geometric Improvements
  - Cable barrier relocation
  - Ramp extension or realignment
  - Shoulder widening
  - Increased superelevation

- Congestion Management
  - Crash investigation pull-off site
  - Courtesy patrol
  - Incident management improvements
  - ITS devices providing queue warning messages
  - Add third lane



**Environmental  
Sensor Station**



**Variable Speed  
Limit Sign**



**Severe Weather  
Warning Sign**



**Dynamic Message Sign**

### **Examples of Potential Treatments**

The following table presents a summary of recommended potential improvements and associated timeframes for the high-crash areas of the study corridor, along with additional projects that have been recently implemented or programmed for future implementation at each location.

### Summary of Potential Site Improvements

Location/County	Resurface/ Friction Course	Superelevation/ Slope Improvements	Shoulder Widening	Ramp Extension/ Realignment	Signing/Marking /Delineation	Cable Barrier Relocation	Enviro. Sensor Station	ITS*	Living Snow Fence	Advanced De- icing	Lighting	Crash Investigation Site	Courtesy Patrol/ Incident Mgmt.	Add Lane
Exit 4 (US-12), Berrien				L	S									
Exit 12 (Sawyer Road), Berrien					I									
MM 22-24, Berrien	P/M	P	P			M	M	M	L	S	L			
Exit 29 (Pipestone Road), Berrien				L										
Exit 34 (I-196), Berrien							P							
MM 36-39, Berrien	S/M			M		M	P	M	L	S	L			
MM 40, Berrien	S/M													
MM 43-49, Van Buren	S/M			M/L		M	P	S/M	P	S				
Exit 52 (CR 365), Van Buren	S/M													
MM 52-57, Van Buren	I (WB) P (EB)	I (WB) P (EB)	I (WB) P (EB)	L	S		M	M	P	S				
Exit 60 (M-40), Van Buren							P							
MM 61-64 (EB), Van Buren	S/M				S	M	P	M	L	S				
Exit 66 (CR 652), Van Buren				M/L		M								
Exit 74 (US-131), Kalamazoo	P	M			I/P		M	M		S	L		S/M	
MM 77-78, Kalamazoo	S/M			M/L	P									
MM 79-81, Kalamazoo	P (WB)	I	P (EB)	I	S		M	M		S			S/M	L
MM 81-87, Kalamazoo							P					P		
MM 87-89 (WB), Kalamazoo	P	P	P	P	P		P	S/M		S				
MM 89-92, Kalamazoo						M								
MM 92-93 Calhoun	P	M		I	P/S			M		S				
Exit 96 (M-66), Calhoun					S									
Exit 100 (Beadle Lake), Calhoun					S									
MM 101-102, Calhoun	P				P		M	M		S				
Exit 104 (M-96), Calhoun				M/L	S									
Exit 108 (I-69), Calhoun		M		L	I/P		P			S	L			
MM 130-131, Jackson									L					
MM 138-141, Jackson	P	P	P	P				M		S	L		I	P

Key: Short-Term (S), Medium-Term (M), Long-Term (L); Recently Implemented (I); Programmed (P)

\* May include: variable speed limits, weather or pavement surface alerts/messages from environmental sensor station, queue warning devices, etc.



# Region 2 Planning Commission

*Serving Hillsdale, Jackson, and Lenawee Counties*



## JACKSON AREA COMPREHENSIVE TRANSPORTATION STUDY (JACTS)

### Federal Funds Obligated in Fiscal Year (FY) 2015

As the state-designated Metropolitan Planning Organization (MPO) for the Jackson urbanized area, the Region 2 Planning Commission (R2PC) is responsible for developing and managing a 20-year Long Range Transportation Plan and a short-term (4-year) Transportation Improvement Program (TIP). The current edition of the TIP includes a listing of the approved road, highway, bridge, transit, and non-motorized projects scheduled to receive federal and/or state funds in Jackson County during the 2014 to 2017 Fiscal Years.

Federal legislation adopted in July 2012, and continued through November 2015, **Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21)**, continues the requirement of past legislation that *“an Annual List of projects, for which federal funds have been obligated in the preceding year shall be published or otherwise made available by the metropolitan planning organization for public review. The listing shall be consistent with the categories identified in the Transportation Improvement Program.”*

Therefore, in response to the above directive, R2PC is pleased to provide a list of all the projects in Jackson County “obligated” during FY 2015 (October 1, 2014 to September 30, 2015). The Federal Highway Administration (FHWA) defines “obligated” as the federal government’s legal commitment to reimburse the implementing agency for the federal share of a project’s eligible costs. Although not all obligated projects were initiated or completed during this fiscal year, they have been approved by FHWA for reimbursement in FY 2015. Some projects actually constructed in FY 2015 were obligated in previous fiscal years and will not appear on this listing.

The complete list of the FY 2015 projects obligated in Jackson County appears on the following page. Questions or comments can be directed to:

Mr. Steven Duke, Executive Director  
Region 2 Planning Commission  
120 W. Michigan Avenue  
Jackson MI 49201  
Phone: (517) 768-6706  
FAX: (517) 788-4635  
E-Mail: [sduke@co.jackson.mi.us](mailto:sduke@co.jackson.mi.us)

#### ***Did you know?***

- The total value of the transportation projects obligated in FY 2015 was **\$ 17,905,708.**
- Federal funds expended on these projects totaled **\$ 11,477,766.**

Implementing Agency	Project Name and Location	Improvements	Length	Total Phase Cost	Federal Funds Programmed	Federal Funds Obligated	Federal Funds Remaining	Total Cost
MDOT	I-94: Bridge over US-127/M-50 (CON)	Full paint, concrete surface coat	0.04	\$562,000	\$506,000	\$619,645	(\$113,645)	\$688,495
MDOT	I-94: 7 Bridges on I-94 (CON)	Misc. CPM repairs	2.37	\$3,011,000	\$3,011,000	\$0	\$3,011,000	\$2,595,009
MDOT	M-50/US-127BR: Michigan to Wildwood and Ganson to North (ROW)	Reconstruction	0.48	\$50,000	\$41,000	\$40,925	\$75	\$50,000
MDOT	M-50: Napoleon Road to Stoney Lake Drain (PE)	HMA cold milling w/ single course overlay	1.20	\$19,000	\$16,000	\$15,927	\$73	\$19,459
MDOT	I-94BL: Cooper to Dwight (PE)	HMA cold milling w/ single course overlay	1.15	\$90,000	\$74,000	\$73,665	\$335	\$90,000
MDOT	I-94: Jackson and Hillsdale County (ROW)	Purchase easements for wetland mitigation credit		\$400,000	\$327,000	\$327,400	(\$400)	\$400,000
MDOT	M-106: ML in Jackson (PE)	Crossing reconstruction		\$15,000	\$14,000	\$13,500	\$500	\$15,000
MDOT	M-106: ML in Jackson (CON)	Crossing reconstruction		\$1,012,000	\$911,000	\$910,980	\$20	\$1,012,200
MDOT	I-94: Grass Lake Weight Scales (CON)	Expand concrete pad for chase vehicles		\$9,000	\$8,000	\$8,015	(\$15)	\$8,906
MDOT	I-94: Over Conrail and Grand River (UTL)	Realign and replace bridge	0.40	\$750,000	\$675,000	\$675,000	\$0	\$750,000
MDOT	I-94 EB: M-60 to Sargent Road (ROW)	Reconstruction	8.93	\$3,000,000	\$2,700,000	\$2,700,000	\$0	\$3,000,000
MDOT	I-94: 3 Bridges on I-94 (CON)	Restore and rehabilitate	1.17	\$2,758,000	\$2,758,000	\$0	\$2,758,000	\$1,948,770
MDOT	I-94BL: Brown to Louis Glick (ROW)	Reconstruction	1.70	\$190,000	\$123,000	\$155,515	(\$32,515)	\$190,000
JCDOT	Lansing Avenue: Henry Rd. to N. County Ln (CON)	Restore and rehabilitate	5.00	\$600,000	\$480,000	\$526,970	(\$46,970)	\$600,000
JCDOT	Lewis Street: Over Grand River (CON)	Bridge replacement		\$1,005,000	\$804,000	\$801,168	\$2,832	\$1,014,552
JCDOT	Hague Road: Over Grand River (CON)	Bridge replacement		\$1,313,000	\$1,050,000	\$0	\$1,050,000	\$720,583
JCDOT	West Ganson: At Ganson intersection (CON)	Widen/Add SB LTL and signal replacement		\$295,000	\$228,000	\$215,715	\$12,285	\$265,049
JCDOT	Rives Junction Road: Benn, N Parma, Rives Jct, Springport, and Wood Rd. (CON)	Guardrail upgrades		\$188,000	\$150,000	\$95,304	\$54,696	\$119,130
JCDOT	Fifth Street: Page Avenue to S. Lakeside Dr. (CON)	Streetscape	0.70	\$325,000	\$266,000	\$265,806	\$194	\$351,628
JCDOT	Boardman Road: Maynard Rd. to West Ave. (CON)	Resurface	0.94	\$500,000	\$400,000	\$362,014	\$37,986	\$442,290
JCDOT	County Farm Road: Gardner Rd. to Parma Rd. (CON)	Restore and rehabilitate	2.52	\$201,000	\$147,000	\$166,930	(\$19,930)	\$228,672
JCDOT	Moscow Road: Moscow Rd, UB to SCL, Lansing Ave., Henry Rd. to NCL (CON)	Reconstruction	3.73	\$600,000	\$480,000	\$526,970	(\$46,970)	\$658,713
City of Jackson	S West Avenue: Bloomfield Blvd. to High St. (CON)	Reconstruction	0.28	\$1,326,000	\$630,000	\$893,437	(\$263,437)	\$1,475,851
City of Jackson	N Mechanic Street: Adrian and Blisfield RR (CON)	Upgrade flashers and warning devices		\$200,000	\$180,000	\$156,172	\$23,828	\$173,524
JATA	Transit Operating - Countywide	Transit operating funds		\$4,578,766	\$1,770,936	\$1,770,936	\$0	\$4,578,766
JATA	Capital Purchases - Area-Wide	Capital purchases		\$194,715	\$155,772	\$155,772	\$0	\$194,715
	<b>TOTALS</b>		<b>30.61</b>	<b>\$23,192,481</b>	<b>\$17,905,708</b>	<b>\$11,477,766</b>	<b>\$6,427,942</b>	<b>\$21,591,312</b>

# Region 2

## Planning Commission

### Jackson Area Comprehensive Transportation Study



The following is the 2016 schedule for the **Jackson Area Comprehensive Transportation Study (JACTS) Policy Committee** meetings (3<sup>rd</sup> Thursday of every month):

January 21, 2016  
February 18, 2016  
March 17, 2016  
April 21, 2016  
May 19, 2016  
June 16, 2016  
July 21, 2016  
August 18, 2016  
September 15, 2016  
October 20, 2016  
November 17, 2016  
December 15, 2016

Meetings are held at 8:00 a.m. in the Jackson County Tower Bldg., 120 W. Michigan Avenue, 5<sup>th</sup> Floor Commission Chambers, Jackson, Michigan.

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The following is the 2016 schedule for **Jackson Area Comprehensive Transportation Study (JACTS) Technical Advisory Committee** meetings (2<sup>nd</sup> Tuesday of every month):

January 12, 2016  
February 9, 2016  
March 8, 2016  
April 12, 2016  
May 10, 2016  
June 14, 2016  
July 12, 2016  
August 9, 2016  
September 13, 2016  
October 11, 2016  
November 8, 2016  
December 13, 2016

The meetings are held at 9:30 a.m. at Jackson City Hall, 161 W. Michigan Avenue, 10<sup>th</sup> Floor, Jackson, MI.