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

**FOR FURTHER INFORMATION  
CONTACT:**

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

**DATE: THURSDAY, MAY 18, 2017**

**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 / Introductions
2. Public Comment
3. Approve Minutes of the Policy Committee Meeting of March 16, 2017 and Receive the Minutes of the Technical Advisory Committee Meeting of March 14, 2017 (enclosed) – **ACTION**
4. Agency Status Reports (see enclosures) – **DISCUSSION**
  - City of Jackson
  - Jackson Area Transportation Authority
  - Jackson County Department of Transportation
  - Michigan Department of Transportation
  - Jackson County Airport-Reynolds Field
  - Enterprise Group (<http://www.enterprisegroup.org>)
5. Approval of Administrative Adjustments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP) (see enclosure) – **ACTION**
  - Michigan Department of Transportation
6. 2045 JACTS Long Range Transportation Plan Travel Demand Model Development – Future Year Socio-Economic Data Review and Approval (see enclosure), Tyler Kent, MDOT - **ACTION**
7. Other Business
  - MDOT/FHWA Comments
8. Public Comment
9. Adjournment

# 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, March 16, 2017**

**Members Present:** Mike Brown (Alt.), Jackson Area Transportation Authority  
Mike Overton, Jackson County Department of Transportation  
Dave Herlein, Spring Arbor Township  
Pete Jancek, Vice-Chair, Blackman Charter Township  
Steve Shotwell, Chair, Jackson County Board of Commissioners  
John Feldvary, Jackson County Airport-Reynolds Field  
Jon Dowling, JACTS Technical Advisory Committee  
Keith Acker, Sandstone Charter Township  
Rick Fowler (Alt.), MDOT – Lansing  
Mike Trudell, Summit Township

**Members Absent:** Bill Jors, Mayor, City of Jackson  
Elwin Johnson, Region 2 Planning Commission  
Kim Gamez, Napoleon Township  
Howard Linnabary, Leoni Township  
Patrick Burtch, City of Jackson

**Others Present:** Steve Duke, Region 2 Planning Commission  
Angie Kline, Jackson County Department of Transportation  
Chris Gulock, MDOT-University region  
Mike Rand, Jackson County Department of Transportation  
Lane Masoud, Jackson Area Transportation Authority

#### ITEM 1      CALL TO ORDER

Chair Shotwell called the meeting to order at 8:04 AM. A quorum was present.

#### ITEM 2      PUBLIC COMMENT

No public comments were received.

## JACTS POLICY COMMITTEE MINUTES

March 16, 2017

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**ITEM 3**      **APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF  
FEBRUARY 16, 2017 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE  
MEETING MINUTES OF FEBRUARY 14, 2017**

The motion was made by Mr. Trudell, supported by Mr. Jancek, to approve the Policy Committee meeting minutes of February 16, 2017 and to receive the Technical Advisory Committee meeting minutes of February 14, 2017. The motion carried unanimously.

**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.

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

Mr. Duke reported that the Jackson County Department of Transportation, the Michigan Department of Transportation, and the Jackson Area Transportation Authority were requesting amendments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP). The proposed amendments are as follows:

Jackson County Department of Transportation:

Fiscal Year	Project Name	Limits	Project Description	Funding
2017 REMOVE	E Michigan	Under NS RR Bridge	Resurface	STP: \$80,000 Local: \$20,000
2017 ADD	Various roads	County wide	Preventative Maintenance	STP: \$323,712 Local: \$80,928
2017 CHANGE AMOUNTS	W Michigan Ave	W Parma Limit to Glasgow Rd	Preventative Maintenance	STP: \$280,000 Local: \$70,000
2017 CHANGE AMOUNTS	Berry Rd and Rives Eaton Rd	Rives Eaton to Lansing and Perrine to Berry	Preventative Maintenance	STP: \$292,400 Local: \$73,100

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

Michigan Department of Transportation:

## JACTS POLICY COMMITTEE MINUTES

March 16, 2017

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Fiscal Year	Project Name	Limits	Project Description	Funding
ADD 2017 JN 200132	I-94	I-94 over Railroad & Grand River	Railroad Oversight	SUBSTRUCTURE Federal: \$20,463 (ST) State: \$4,538

The motion was made by Ms. Feldvary, supported by Mr. Jancek, to approve the proposed MDOT amendment to the JACTS FY 2017-2020 TIP as presented. The motion carried unanimously.

Jackson Area Transportation Authority:

The Jackson Area Transportation Authority (JATA) is requesting the Region 2 Planning Commission approve an amendment to the Transportation Improvement Program to rearrange several Section 5339 projects based on changing priorities, revise the dollar amounts based on the anticipated apportionments, and add a 5307 project. JATA is requesting that the FY 2017 Section 5339 funding for the replacement of two full-sized buses be moved to FY 2019. This allows the FY 2018 project for HVAC upgrades in the administrative/maintenance facility to be moved up to FY 2017. This change is necessary due to changes in how the project is being phased and because the apportionment is expected to be less than originally thought. This would then make room for the administrative office rehabilitation to be moved up from FY 2019 to FY 2018, allowing JATA to complete badly needed upgrades to its administrative facility sooner in exchange for moving back the replacement of full-sized buses. It is worth noting that JATA recently procured replacement engines which will extend the useful life of several full sized buses. JATA would like to maintain the replacement of its radio system in FY 2017 as approved at the previous Commission meeting but is asking that a portion of the project funding be changed to 5307 rather than 5339. This allows more 5339 funds to go to the HVAC project and ensures JATA spends the 1% of federal funding on safety and security projects, as required by the FTA.

Current funding:


Fiscal Year	Limits	Project Description	Phase	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Phase Cost
2017	Urbanized Area	Replace 2 full-sized buses	T-Cap	\$608,000	5339	\$152,000	CTF	\$760,000
2017	County-wide	Replace radio system	T-Cap	\$32,000	5339	\$8,000	CTF	\$40,000
2018	Area-wide	Replace HVAC system at main base	T-Cap	\$100,000	5339	\$25,000	CTF	\$125,000
2019	Area-wide	Administrative office rehabilitation and upgrade	T-Cap	\$113,000	5339	\$28,000	CTF	\$141,000

## JACTS POLICY COMMITTEE MINUTES

March 16, 2017

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Proposed funding:



Fiscal Year	Limits	Project Description	Phase	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Phase Cost
2017	Urbanized Area	Replace 2 full-sized buses	T-Cap	\$608,000	5339	\$152,000	CTF	\$760,000
2017	County-wide	Replace radio system	T-Cap	\$12,034	5307	\$3,009	CTF	\$15,043
2017	County-wide	Replace radio system	T-Cap	\$20,000	5339	\$5,000	CTF	\$25,000
2017	Area-wide	Replace HVAC system at main base	T-Cap	\$67,020	5339	\$16,755	CTF	\$83,775
2018	Area-wide	Administrative office rehabilitation and upgrade	T-Cap	\$113,000	5339	\$28,000	CTF	\$141,000
2019	Urbanized Area	Replace 2 full-sized buses	T-Cap	\$608,000	5339	\$152,000	CTF	\$760,000

The motion was made by Mr. Feldvary, supported by Mr. Jancek, to approve the JATA proposed amendments to the JACTS FY 2017-2020 TIP as presented. The motion carried unanimously.

### ITEM 6      **2045 JACTS LONG RANGE TRANSPORTATION PLAN UPDATE**

Mr. Duke reported that MDOT had prepared packets of employment/socio-economic data to distribute to local jurisdictions for their subsequent review and comment. The packets were distributed with a few jurisdictions contacting MDOT with questions and comments. Follow-up letters may be mailed out in the next week or so.

### ITEM 7      **OTHER BUSINESS**

No other business was brought before the Committee.

### ITEM 8      **PUBLIC COMMENT**

Chair Shotwell asked for any public comment. No comments were received.

### ITEM 9      **ADJOURNMENT**

There being no further business, Chair Shotwell adjourned the meeting at 8:53 AM.

Steve Duke  
Executive Director

# MINUTES

## JACTS TECHNICAL ADVISORY COMMITTEE

Jackson City Hall  
161 W. Michigan Avenue - 10<sup>th</sup> Floor  
Jackson, Michigan 49201

**Tuesday, March 14, 2017**

Members Present: Angela Kline, Vice-Chair, Jackson County Dept. of Transportation  
Jon Dowling, Chair, City of Jackson – Engineering  
Chris Gulock (Alt.), MDOT-University Region  
Lane Masoud (Alt.), Jackson Area Transportation Authority  
Mike Rand, Jackson County Dept. of Transportation  
Kent Maurer, Jackson County Airport – Reynolds Field  
Steve Duke, Region 2 Planning Commission  
Corey Clevenger (Alt.), JCDOT  
Rick Fowler, MDOT- Lansing  
Amy Torres, The Enterprise Group  
Troy White, City of Jackson-Engineering  
Jack Ripstra, Blackman Charter Township

Members Absent: Andrea Dewey, FHWA (Ex-officio)  
Todd Knepper, City of Jackson Public Works

Others Present: Laurel Muldin, Walkable Communities

### ITEM 1      CALL TO ORDER

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

### ITEM 2      PUBLIC COMMENT

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

### ITEM 3      APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF FEBRUARY 14, 2017 AND RECEIVE THE POLICY COMMITTEE MINUTES OF FEBRUARY 16, 2017

A motion was made by Mr. Maurer, supported by Mr. Ripstra, to approve the Technical Advisory Committee meeting minutes of February 14, 2017 and receive the Policy Committee meeting minutes of February 16, 2017 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, Jackson County Airport-Reynolds Field, MDOT, and the Enterprise Group.

**JACTS TECHNICAL ADVISORY COMMITTEE****March 14, 2017****Page 2****ITEM 5**      **APPROVAL OF AMENDMENTS TO THE JACTS FY 2017-2020**  
**TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Mr. Duke reported that the Jackson County Department of Transportation, the Michigan Department of Transportation, and the Jackson Area Transportation Authority (JATA) were requesting amendments to the JACTS FY 2017-2020 Transportation Improvement Program (TIP). The proposed amendments are as follows:

Jackson County Department of Transportation:

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2017 CHANGE AMOUNTS	Berry Rd and Rives Eaton Rd	Rives Eaton to Lansing and Perrine to Berry	Preventative Maintenance	STP: \$292,400 Local: \$73,100

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

Michigan Department of Transportation:

Fiscal Year	Project Name	Limits	Project Description	Funding
ADD 2017 JN 200132	I-94	I-94 over CONRAIL & Grand River	Railroad Oversight	SUBSTRUCTURE Federal: \$20,463 (ST) State: \$4,538

The motion was made by Ms. Kline, supported by Mr. Rand, to approve the proposed MDOT amendment to the JACTS FY 2017-2020 TIP as presented. The motion carried unanimously.

## JACTS TECHNICAL ADVISORY COMMITTEE

March 14, 2017

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Jackson Area Transportation Authority:

The Jackson Area Transportation Authority (JATA) is requesting the Region 2 Planning Commission approve an amendment to the Transportation Improvement Program to rearrange several Section 5339 projects based on changing priorities, revise the dollar amounts based on the anticipated apportionments, and add a 5307 project. JATA is requesting that the FY 2017 Section 5339 funding for the replacement of two full-sized buses be moved to FY 2019. This allows the FY 2018 project for HVAC upgrades in the administrative/maintenance facility to be moved up to FY 2017. This change is necessary due to changes in how the project is being phased and because the apportionment is expected to be less than originally thought. This would then make room for the administrative office rehabilitation to be moved up from FY 2019 to FY 2018, allowing JATA to complete badly needed upgrades to its administrative facility sooner in exchange for moving back the replacement of full-sized buses. It is worth noting that JATA recently procured replacement engines which will extend the useful life of several full sized buses. JATA would like to maintain the replacement of its radio system in FY 2017 as approved at the previous Commission meeting but is asking that a portion of the project funding be changed to 5307 rather than 5339. This allows more 5339 funds to go to the HVAC project and ensures JATA spends the 1% of federal funding on safety and security projects, as required by the FTA.

Current funding:

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## JACTS TECHNICAL ADVISORY COMMITTEE

March 14, 2017

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Proposed funding:



Fiscal Year	Limits	Project Description	Phase	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Phase Cost
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2018	Area-wide	Administrative office rehabilitation and upgrade	T-Cap	\$113,000	5339	\$28,000	CTF	\$141,000
2019	Urbanized Area	Replace 2 full-sized buses	T-Cap	\$608,000	5339	\$152,000	CTF	\$760,000

The motion was made by Mr. Maurer, supported by Mr. Ripstra, to approve the JATA proposed amendments to the JACTS FY 2017-2020 TIP. The motion carried unanimously.

### ITEM 6      **2045 JACTS LONG RANGE TRANSPORTATION PLAN UPDATE**

Mr. Duke reported that MDOT had prepared packets of employment/socio-economic data to distribute to local jurisdictions for their subsequent review and comment. The packets were distributed with a few jurisdictions contacting MDOT with questions and comments. Follow-up letters may be mailed out in the next week or so.

### ITEM 7      **OTHER BUSINESS**

Mr. Fowler explained that MDOT has available on-line information regarding the projects scheduled state-wide for the 2017 construction season.

### ITEM 8      **PUBLIC COMMENT**

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

**JACTS TECHNICAL ADVISORY COMMITTEE**  
**March 14, 2017**  
**Page 5**

ITEM 9      **ADJOURNMENT**

There being no further business, Chair Dowling adjourned the meeting at 10:25 AM on a motion by Mr. White and supported by Ms. Torres.

Steve Duke  
Executive Director

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

**DATE:** May 01, 2017

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

**SUBJECT:** TIP Project Status

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**2017**

Kibby Road: City Limits to West Ave (Urban) - Reconstruct pavement on south side of boulevard islands, roundabout at Denton and non-motorized path from City limits to Denton. MSG is the City's consultant. **Plans and documents are accepted by MDOT and we are now waiting for Congress to authorize the FHwy Funds. Which MDOT Letting we will be in is uncertain.**

**2018**

Fourth Street: Horton to Audubon (Urban) – Roadway resurfacing with a new roundabout at Hickory and Fourth. MSG is the City's consultant. Survey is complete. Design has commenced.

**2019**

Francis Street: Morrell to Mason (Urban) – Reconstruct roadway. No design work at this time.

**2020**

Greenwood/Wilkins Streets: Morrell to Jackson (Urban) – Reconstruct roadway. No design work at this time.



2350 EAST HIGH STREET

JACKSON, MICHIGAN 49203-3490

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

**Projects**  
**2017-2020 TIP**  
**(May, 2017 Report)**

**FY2017**

**1. Bus & Bus Facilities**

- a. Replace radio system and bus radios – Pending MDOT
- b. Replace HVAC system at main office – A.E. Awarded

**FY2018**

**1. Facility Upgrades**

- a. Admin office rehab and update

**FY2019**

**1. Vehicle Procurements**

- a. Bus Replacement (2 full-size)



**2350 EAST HIGH STREET  
JACKSON, MICHIGAN 49203-3490  
(517) 787-8363 FAX (517) 787-6833**

**Below is a detailed update on the Jackson Area Transportation Authority's active projects:**

- a. We requested an extension until 9/22/18 to the grant funding the HVAC project to allow some of the funding set aside for A&E to be used for the construction phase. The grant is currently set to expire 9/30/17. This request is currently under review by MDOT. We received approval to award the bid for the A&E phase to Fishbeck, Thompson, Carr & Huber Inc. (FTC&H). The award notification was sent out 4/26/17.
- b. We requested to use portion of extra 5310 funding to replace bus stop signs. We also requested an extension to 9/30/18. These items are under review by MDOT.
- c. We had remaining funds after purchasing the Ford Transit vehicles which we are using to purchase between 20-25 snow tires. The request for quotations was sent out 4/26/17.
- d. We have requested to renovate some of the employee areas of the Transfer Center using the remaining funds from the bathroom renovation project. We did not receive any bids when the request for proposals was initially sent out. We simplified the document and are awaiting MDOT review/approval. The grant is currently set to expire 8/15/17, but we have requested extension to 5/1/18, which is also under review.
- e. We requested to change funding we had originally allocated to replace the parking lot lights at the administration building to instead upgrade our video hard drives. Request submitted 4/4/17 – no updates yet.
- f. Purchased vehicle diagnostic scanners (using miscellaneous shop equipment grant).
- g. We ordered five replacement engines for our full sized buses but have not yet received them.
- h. We sent out a Request for Proposals for our automatic passenger counter/customer interface project. Bids are due at the end of May.



Christopher J. Bolt, MPA, PE  
*Managing Director*

Robert D. Griffis  
*Director of Operations*

Angela N. Kline, PE  
*Director of Engineering*

Shawn R. Surque  
*Project Manager*

Dawn Goodwine  
*Administrative Services Manager*

May 2, 2017

### **TIP Project Status**

#### **2017 Projects:**

- Robinson Road (Spring Arbor to Kibby Road)- Mill and resurface. May letting
- Berry Road (Rives Eaton Road to Lansing Road) – Chip and fog seal. Waiting on letting date.
- Rives Eaton Road (Perrine Road to Lansing Road) – Chip and fog seal. Waiting on letting date.
- West Michigan Ave (Glasgow Road through Parma Village) – Chip and fog seal. Waiting on letting date.
- Rives Junction Road non-motorized Trail- from M-50 to the north township line- Awarded design to WBK with an estimated time of completion of the design is July 2017.
- Pedestrian Signals @ Airport Road/ Springport Road/ County Far Road- pedestrian signals and ADA ramps- Awarded to Wade Trim for design.
- Coats Road reconstruct- from Moscow Road to the east 1000'- Waiting for letting date.
- Ann Arbor Road non-motorized Trail- WBK is working on the boardwalk design. We are working on wetland data info for design.
- Michigan Ave Bridge- Agreement at Amtrak. This will not be constructed until 2018 season. Going back in forth with Amtrak on agreement.
- West Michigan Ave from M-99 to N. Concord Road- GI meeting scheduled for May 16, 2017.

We will move into the survey and design of the 2018 projects in the next month or two.



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
**DEPARTMENT OF TRANSPORTATION**  
LANSING

KIRK T. STEUDLE  
DIRECTOR

May 9, 2017

**FY 2016**

**M-60 (EB & WB OV I-94), (PE, SUB & ROW) – Bridge Replacement**

Plan development is just getting started.

**FY 2017**

**I-94 BL/W. Michigan Ave. (Brown St. to Washington / Louis Glick)** – Full concrete pavement roadway reconstruction with water main, lighting and sidewalk replacement. Also includes City of Jackson initiated two-way conversion of Louis Glick Hwy. and Washington. Right-of-Way acquisition is underway. Project was let March 3<sup>rd</sup>, 2017. An unbalanced bid review is underway and the bids should be posted next week. **Contract has been awarded and work is beginning. Should see the detour in place the week of May 8<sup>th</sup>.**

**M-50 (Rives Junction to M-99)** – Micro-surface of existing roadway pavement. Project was let last month. Work is scheduled to begin toward the end of June 2017, with completion in early September 2017.

**I-94 BL (Cooper Street to Dwight Street)** – Single course mill and resurfacing with ADA sidewalk ramp improvements. **Sidewalk ramp work is ongoing. The paving work will start in a few weeks.**

**M-106 (Bunker Hill to East of Sayers Road)** – Single course mill and resurfacing. Work is scheduled to begin in mid-June 2017, with completion in mid-August 2017.

**M-50/US-127 BR (North Street to Boardman)** – Longitudinal joint repair with asphalt mastic and micro-surface materials. **Project was let March 3<sup>rd</sup>, 2017. Work is currently scheduled to start in August.**

**I-94 (M-60 to Calhoun County Line)** – Concrete patching. **Work scheduled to begin the week of May 8<sup>th</sup>.**

**US-127 (Henry Rd. to M-36)** – Single course mill and resurfacing. Design by the Lansing TSC. Project will probably include pavement enhancement test section. **Work is set to begin the week of May 8<sup>th</sup>.**

**M-99 (Railroad St. to Jackson/Eaton County line)** – Fiber Reinforced Bit Membrane with Micro-Surface Work is scheduled to begin in late July 2017, with completion in late September 2017.

**M-50 (US-127 to Napoleon Rd.)** – Two Course Mill and Resurface. **Signal upgrades are mostly done. Joint repairs/lane closures will begin the week of May 8<sup>th</sup>.**

**US-127 (N. of Henry Rd to JCL) - Consultant Road Scoping** – This is a new road scoping project for a major rehabilitation on US-127 (north) in Jackson County. The scope of work will be available for the 2023 Call For Projects.

**I-94BL / M-106 (M-106 (Cooper Street) and I-94BL (Michigan Ave.)** - RR crossing signal upgrades for 2-way conversion. – This is a new force account job number that has been added for the railroad work required for the 2-way conversion. It is part of the 113565/128046 package.

**M-60 (Emerson Rd to Renfrew Rd) - HMA cold milling and 2 course HMA resurfacing with minor drainage improvements, guardrail upgrade, intersection improvements, and signal modernization.** **Plan development is moving forward.**

**I-94 (UN Elm Rd)** – Superstructure repair



# Jackson County Airport – Reynolds Field

## *Flying Jackson Forward!*

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Kent L. Maurer, Airport Manager

### JACTS Airport Report March - May 2017

- Phase II (Final) construction in progress.







RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
**DEPARTMENT OF TRANSPORTATION**  
LANSING

KIRK T. STEUDLE  
DIRECTOR

May 1, 2017

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

Dear Mr. Duke:

This letter is sent by the Michigan Department of Transportation (MDOT) to request administrative changes to the FY 2017-20 Transportation Improvement Program (TIP).

The MDOT TIP administrative adjustments are detailed below.

Fiscal Year	Project Name	Limits	Project Description	Funding	Comments
2017 JN 120277	M-60	Chapel Rd. to Emerson Rd.	Resurface/Widening with CLTL	CON Federal: \$7,585,000 (ST) State: \$1,82,000 (M)	Move CON phase 2017 to 2018
2018 JN 132577	M-99	I-94 to Willow St.	Resurface – single chip seal with fog seal	PE Federal: \$13,642 (ST) State: \$3,025 (M)	Move PE phase 2018 to 2017
2018 JN 132528	M-124	US-12 to M-50	Resurface – single course mill and resurface	PE Federal: \$16,015 (ST) State: \$3,551 (M)	Move PE phase 2018 to 2017
2018 JN 132562	M-60	Spring Arbor Rd to I-94	Resurface – single course mill and resurface	PE Federal: \$18,979 (NH) State: \$ 4,209 (M)	Move PE phase 2018 to 2017
2018 JN 132575	M-50/US-127BR	Washington Ave. to South St.	Concrete pavement repair	PE Federal: \$18,130 (NH) State: \$4.020 (M)	Move PE phase 2018 to 2017

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,

A handwritten signature in black ink, appearing to read "Christopher Gulock". The signature is fluid and cursive, with the first name "Christopher" written in a larger, more prominent script than the last name "Gulock".

Christopher Gulock, Transportation Planner  
University Region

# **Jackson Area Comprehensive Transportation Study**

## **2045 Travel Demand Model Development**

### **Future Year Socioeconomic Data Review and Approval**

Michigan Department of Transportation (MDOT) staff have finished obtaining and processing local agency comments for the Jackson Area Comprehensive Transportation Study (JACTS) 2045 Travel Demand Model (referred to as “model” throughout the remainder of this document), future year socio-economic (SE) data trends. This data is forecasted from the model base year of 2014, which was approved by the JACTS Technical Advisory and Policy committees in October 2016, to the horizon year of 2045. Interim years of 2025 and 2035 are also listed on these tables.

As part of the Metropolitan Transportation Planning (MTP) process, which is required for obtaining federal funds, future year data is used to identify anticipated travel patterns and potential roadway capacity deficiencies on the road network for the JACTS model area. Proposed capacity road projects are tested as part of the MTP development.

Attached are two tables, provided at the jurisdictional level, for JACTS committee review and subsequent approval, which contain forecasted projections for the following:

- *Table 1 – Demographic Forecasts*
  - Total population totals
  - Group Quarters (GQ) population totals
  - Occupied Housing Unit (OHU) totals
- *Table 2 – Employment Forecasts*
  - Retail sector employment totals
  - Service sector employment totals
  - Other employment (including manufacturing) sector totals
  - Combined employment total

MDOT and R2PC staff is requesting that the JACTS Technical Advisory and Policy committees review the attached tables, and provide any adjustments for MDOT staff to make, prior to the respective May committee meetings.

The final adjustments, if any are provided, will be presented to each committee for approval. The data will then be incorporated into the model. Detailed breakdowns for both tables and supplemental maps can be provided upon request. Any adjustments, maps, zone-level data, and/or questions can be directed to Tyler Kent, Transportation Planner, MDOT, via email at [KentT@Michigan.gov](mailto:KentT@Michigan.gov) or by phone at 517-373-1989. MDOT and R2PC appreciate any comments that you may have regarding the data being submitted. Thank you for your cooperation.

**JACTS 2045 Travel Demand Model, Forecast Year Demographic Data Review:  
JACTS / Jackson County**

	APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL
Jurisdiction	Total Pop. 2014	Total Pop. 2025	Total Pop. 2035	Total Pop. 2045	GQ Pop. 2014	GQ Pop. 2025	GQ Pop. 2035	GQ Pop. 2045	OHU 2014	OHU 2025	OHU 2035	OHU 2045
City of Jackson	33,309	32,492	31,862	30,509	744	725	712	679	12,833	13,339	13,366	13,020
Village of Brooklyn	1,249	1,270	1,296	1,291	0	0	0	0	551	583	594	589
Village of Concord	1,036	1,052	1,074	1,070	0	0	0	0	397	420	429	424
Village of Grass Lake	1,164	1,218	1,269	1,289	0	0	0	0	469	516	542	553
Village of Hanover	453	464	476	479	0	0	0	0	164	176	180	179
Village of Parma	769	791	816	822	19	19	20	20	287	306	316	316
Village of Springport	807	806	807	791	0	0	0	0	308	323	328	323
Blackman Township	23,615	24,058	24,635	24,647	5,196	5,265	5,360	5,336	7,950	8,528	8,790	8,788
Columbia Township	6,161	6,335	6,537	6,586	6	6	6	6	2,408	2,615	2,728	2,754
Concord Township	1,532	1,559	1,590	1,586	4	4	5	5	560	593	604	597
Grass Lake Township	4,487	4,695	4,889	4,966	0	0	0	0	1,711	1,880	1,979	2,017
Hanover Township	3,343	3,422	3,517	3,528	0	0	0	0	1,259	1,343	1,375	1,369
Henrietta Township	4,729	4,864	5,025	5,066	19	20	20	20	1,801	1,950	2,024	2,041
Leoni Township	13,762	13,981	14,269	14,225	7	7	7	7	5,681	6,013	6,131	6,065
Liberty Township	2,960	3,057	3,168	3,209	5	5	5	5	1,159	1,264	1,322	1,343
Napoleon Township	6,768	6,911	7,082	7,094	32	33	33	33	2,715	2,873	2,930	2,897
Norvell Township	2,945	2,986	3,037	3,019	8	8	8	8	1,230	1,301	1,326	1,313
Parma Township	2,502	2,580	2,671	2,700	20	20	21	21	916	975	1,001	994
Pulaski Township	2,131	2,144	2,167	2,143	8	8	8	8	762	805	816	805
Rives Township	4,648	4,721	4,821	4,803	22	23	23	23	1,666	1,762	1,796	1,777
Sandstone Township	3,434	3,530	3,639	3,664	75	77	80	80	1,259	1,349	1,390	1,390
Spring Arbor Township	8,202	8,381	8,623	8,665	1,181	1,206	1,241	1,248	2,646	2,824	2,901	2,891
Springport Township	1,372	1,369	1,371	1,343	0	0	0	0	539	566	574	564
Summit Township	22,859	23,824	24,392	24,402	378	437	446	448	9,069	9,613	9,813	9,714
Tompkins Township	2,696	2,733	2,767	2,800	0	0	0	0	1,074	1,178	1,236	1,257
Waterloo Township	2,963	2,971	2,996	2,953	0	0	0	0	1,130	1,190	1,208	1,190
<b>TOTAL</b>	<b>159,896</b>	<b>162,214</b>	<b>164,796</b>	<b>163,650</b>	<b>7,724</b>	<b>7,863</b>	<b>7,995</b>	<b>7,947</b>	<b>60,544</b>	<b>64,285</b>	<b>65,699</b>	<b>65,170</b>

"Pop." - Population

"GQ" - Group Quarters

"OHU" - Occupied Housing Units

## JACTS 2045 Travel Demand Model, Forecast Year Employment Data Review: JACTS / Jackson County

	FOR APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL	FOR APPROVED	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL
Jurisdiction	Retail Emp. 2014	Retail Emp. 2025	Retail Emp. 2035	Retail Emp. 2045	Service Emp. 2014	Service Emp. 2025	Service Emp. 2035	Service Emp. 2045	Other Emp. 2014	Other Emp. 2025	Other Emp. 2035	Other Emp. 2045	Total Emp. 2014	Total Emp. 2025	Total Emp. 2035	Total Emp. 2045
City of Jackson	3,419	3,327	3,251	3,255	13,978	15,734	16,696	17,388	10,232	10,521	10,725	10,944	27,629	29,582	30,672	31,587
Village of Brooklyn	156	239	229	224	659	712	729	736	269	273	278	282	1,084	1,224	1,236	1,242
Village of Concord	45	42	38	38	236	241	243	243	210	201	198	194	491	484	479	475
Village of Grass Lake	20	20	18	18	181	195	200	203	93	88	86	84	294	303	304	305
Village of Hanover	19	18	17	16	79	84	86	86	55	53	51	49	153	155	154	151
Village of Parma	10	10	10	10	124	138	145	149	70	67	65	65	204	215	220	224
Village of Springport	12	11	10	10	138	138	139	139	149	138	129	123	299	287	278	272
Blackman Township	4,401	4,034	3,789	3,641	4,700	4,928	5,026	5,078	7,567	7,388	7,293	7,203	16,668	16,350	16,108	15,922
Columbia Township	288	275	263	257	490	528	540	542	459	451	447	445	1,237	1,254	1,250	1,244
Concord Township	7	7	7	7	75	76	77	77	172	166	161	160	254	249	245	244
Grass Lake Township	117	112	109	107	437	473	486	491	822	814	790	776	1,376	1,399	1,385	1,374
Hanover Township	12	12	11	10	168	179	183	183	209	222	214	210	389	413	408	403
Henrietta Township	70	65	63	61	127	133	135	135	277	274	272	268	474	472	470	464
Leoni Township	685	701	719	752	1,726	1,950	2,078	2,172	2,017	2,042	2,088	2,148	4,428	4,693	4,885	5,072
Liberty Township	43	43	43	44	85	96	104	111	146	149	157	168	274	288	304	323
Napoleon Township	71	68	67	67	599	656	683	700	763	763	773	793	1,433	1,487	1,523	1,560
Norvell Township	5	5	5	4	30	31	31	30	104	104	104	104	139	140	140	138
Parma Township	20	20	20	20	83	90	93	95	140	132	127	125	243	242	240	240
Pulaski Township	5	5	5	5	23	23	23	23	55	51	47	46	83	79	75	74
Rives Township	24	24	23	23	125	136	139	141	218	218	218	223	367	378	380	387
Sandstone Township	14	14	14	14	187	208	221	229	1,419	1,371	1,357	1,371	1,620	1,593	1,592	1,614
Spring Arbor Township	143	135	129	125	1,175	1,263	1,299	1,316	568	558	553	550	1,886	1,956	1,981	1,991
Springport Township	10	10	9	8	16	16	16	16	13	13	11	11	39	39	36	35
Summit Township	703	679	654	642	4,161	4,545	4,704	4,794	2,603	2,590	2,571	2,550	7,467	7,814	7,929	7,986
Tompkins Township	14	13	12	12	15	15	15	15	61	60	57	57	90	88	84	84
Waterloo Township	61	60	58	56	168	183	187	190	146	144	144	144	375	387	389	390
<b>TOTAL</b>	<b>10,374</b>	<b>9,949</b>	<b>9,573</b>	<b>9,426</b>	<b>29,785</b>	<b>32,771</b>	<b>34,278</b>	<b>35,282</b>	<b>28,837</b>	<b>28,851</b>	<b>28,916</b>	<b>29,093</b>	<b>68,996</b>	<b>71,571</b>	<b>72,767</b>	<b>73,801</b>

"Emp." - Employment