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

**FOR FURTHER INFORMATION
CONTACT:**

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

DATE: Tuesday, October 11, 2016

TIME: 9:30 A.M.

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

A G E N D A

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

1. Call to Order / Introductions
2. Public Comment
3. Approve Minutes of the Technical Advisory Committee Meeting of September 13, 2016 and Receive the Minutes of the Policy Committee Meeting of September 15, 2016 (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
 - Enterprise Group (<http://www.enterprisegroup.org>)
5. JACTS 2045 Long Range Transportation Plan Update – Approval of the 2010/2014 Demographic Data and 2014 Employment Data (see enclosure) - **ACTION**
6. Approval of Amendments and Administrative Modifications to the JACTS FY 2017-2020 Transportation Improvement Program (TIP) (see enclosure) – **ACTION**
 - City of Jackson
 - Michigan Department of Transportation
7. Other Business
 - FHWA Update
 - MDOT Update
8. Public Comment
9. Adjournment

MINUTES

JACTS TECHNICAL ADVISORY COMMITTEE

Jackson City Hall
161 W. Michigan Avenue - 10th Floor
Jackson, Michigan 49201

Tuesday, September 13, 2016

Members Present: Angela Kline, Jackson County Dept. of Transportation
Jon Dowling, City of Jackson – Engineering
Steve Duke, Region 2 Planning Commission
Troy White, City of Jackson – Engineering
Chris Gulock (Alt.), MDOT – University Region
Rick Fowler, MDOT- Lansing
Michael Brown, Jackson Area Transit Authority
Jack Ripstra, Blackman Charter Township
Mike Rand, Jackson County Dept. of Transportation
Amy Torres, The Enterprise Group

Members Absent: Andrea Dewey, FHWA (Ex-officio)
Todd Knepper, City of Jackson Public Works
Kent Maurer, Jackson County Airport – Reynolds Field

Others Present: Aaron Dawson, Region 2 Planning Commission
Tyler Kent, MDOT Urban Travel Analysis Section
Don Mayle, MDOT Urban Travel Analysis Section
Lane Masoud, Jackson Area Transit Authority
Bob Griffis, Jackson County Dept. of Transportation
Oliver Lindsay, Citizen

ITEM 1 CALL TO ORDER

Vice-Chair Dowling called the meeting to order at 9:31 AM. Chair Michalsky has retired, and Vice-Chair will assume Chair duties. Introductions were made.

ITEM 2 PUBLIC COMMENT

Chair Dowling asked if anyone from the public wished to address the Committee. No public comment was received.

ITEM 3 ELECTION OF JACTS TECHNICAL ADVISORY COMMITTEE VICE-CHAIR

Chair Dowling requested nominations for the position of Vice-Chair. Mr. White nominated Ms. Kline, which was seconded by Ms. Torres. No other nominations were made. The nomination was passed unanimously.

JACTS TECHNICAL ADVISORY COMMITTEE

September 13, 2016

Page 2

ITEM 4 APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF JULY 12, 2016 AND RECEIVE THE POLICY COMMITTEE MINUTES OF JULY 21, 2016

A motion was made by Mr. Ripstra, supported by Mr. Fowler, to approve the Technical Advisory Committee meeting minutes of July 12, 2016 and receive the Policy Committee meeting minutes of July 21, 2016. The motion passed unanimously.

ITEM 5 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, and the Enterprise Group. Copies of the agency status reports were included in the meeting packet. Some highlighted items:

- City of Jackson – the 2012 Trail St. project is now being cancelled due to litigation, and will be removed from the project list. Wisner St. project is complete, except portions of sidewalk that need to be completed after the PAKA lift station upgrade. Lansing/Ganson signal project is complete. The Mechanic St. reconstruction project is underway and will begin building the road surface in two weeks. The Kibby Rd. project will be amended based on ongoing design. Mr. Duke stated that there will be a TIP amendment and public hearing on the project. Ms. Torres stated that she appreciated the work on the Lansing/Ganson intersection.
- JATA – Transit Center refurbishment is now complete and requested to be closed out. The rest of the projects included in the progress report are on schedule.
- JCDOT – Fifth Street project is now removing old curbing. W. Michigan Ave. bridge is currently being discussed with MDOT Rail and Amtrak. 2017 projects may need to be designed and managed by consultants due to staffing changes. Ms. Torres asked about Cotes Rd., and Ms. Kline said she would research and pursue a TEDF-A grant. Lomar is expanding to a sixth location. Mr. Duke stated that this would need a TIP amendment.
- Several MDOT projects have been updated with work start dates, which has been included in the packet.
- Jackson County Airport – progress report was included in the packet.
- The Enterprise Group – updates are on the website.

ITEM 6 JACTS TRAVEL DEMAND MODEL UPDATE

Mr. Kent and Mr. Mayle explained the progress to the Jackson Travel Demand Model and what next steps will be taken. A proposed schedule of activities was distributed to the Committee. Mr. Dawson explained the progress made on the base year socioeconomic data. The largest urban areas are still working on the employment counts, and Chair Dowling stated that the city is about 25% complete. Mr. Dawson stated that any needed assistance will be provided by Region 2 Planning Commission and MDOT.

ITEM 7 **APPROVAL OF MEMORANDUM OF UNDERSTANDING BETWEEN THE REGION 2 PLANNING COMMISSION (R2PC) AND THE JACKSON AREA TRANSPORTATION AUTHORITY (JATA)**

Ms. Masoud and Mr. Dawson explained the proposed memorandum of understanding between the two agencies. This memorandum outlines responsibilities of the organizations in regards to TIP amendments, public involvement, transit services, and other critical services. Ms. Torres asked if Region 2 Planning Commission is satisfied with the agreement, and Mr. Duke stated that it had been reviewed and found to be appropriate. Mr. Rand made a motion to approve the Memorandum of Understanding as presented, supported by Ms. Kline. The motion passed unanimously.

ITEM 8 **FEDERAL HIGHWAY ADMINISTRATION (FHWA) APPROVAL OF THE JACTS PROPOSED CHANGES TO THE NATIONAL HIGHWAY SYSTEM**

Mr. Dawson explained the proposed changes to the national highway system in Jackson County were approved by the Federal Highway Administration. Mr. Dawson distributed maps of the approved system to Mr. Dowling for the city and Ms. Kline for the county.

ITEM 9 **FY 2016/2017 ASSET MANAGEMENT DATA COLLECTION SCHEDULE**

Mr. Dawson reviewed the included Asset Management data collection schedule with the Committee.

ITEM 10 **OTHER BUSINESS**

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

ITEM 11 **PUBLIC COMMENT**

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

ITEM 12 **ADJOURNMENT**

There being no further business, Chair Dowling requested a motion to adjourn the meeting. Mr. Rand made a motion to adjourn, seconded by Ms. Kline. The motion passed unanimously at 10:20 AM.

Region 2 Planning Commission



Jackson Area Comprehensive Transportation Study

MINUTES

JACTS POLICY COMMITTEE

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

Thursday, September 15, 2016

Members Present: Phil Moilanen, Jackson Area Transportation Authority
Pete Jancek, Blackman Charter Township
John Feldvary, Jackson County Airport-Reynolds Field
John Dowling, JACTS Technical Advisory Committee
Dave Herlein, Spring Arbor Township
Mike Overton, Jackson County Department of Transportation
Elwin Johnson, Region 2 Planning Commission
Mike Trudell, Summit Township
John Lanum, MDOT – Lansing
Todd Brittain, Leoni Township
Keith Acker, Sandstone Charter Township

Members Absent: Steve Shotwell, Chair, Jackson County Commission
Bill Jors, Mayor, City of Jackson
Patrick Burtch, City of Jackson
Dan Wymer, Napoleon Township

Others Present: Aaron Dawson, Region 2 Planning Commission
Chris Gulock, MDOT – University Region
Mike Brown, Jackson Area Transportation Authority
Mark Grazioli, MDOT - Jackson TSC
Angela Kline, Jackson County Dept. of Transportation
Hayley Snyder, Jackson County Administration

ITEM 1 CALL TO ORDER

Vice-Chair Jancek called the meeting to order at 8:07 AM. A quorum was present.

ITEM 2 PUBLIC COMMENT

Mr. Overton introduced Ms. Snyder, who is working with Jackson County administration as an intern.

JACTS POLICY COMMITTEE MINUTES

September 15, 2016

Page 2

ITEM 3 ELECTION OF JACTS TECHNICAL ADVISORY COMMITTEE VICE-CHAIR

Mr. Dawson informed the Board that Ms. Kline had been nominated for the position of Vice-Chair of the Technical Advisory Committee. Mr. Jancek requested a motion to confirm the appointment. Mr. Brittain made a motion, which was seconded by Mr. Acker. The motion was passed unanimously.

ITEM 4 APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF JULY 21, 2016 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MEETING MINUTES OF JULY 12, 2016

The motion was made by Mr. Trudell, supported by Mr. Acker, to approve the Policy Committee meeting minutes of July 21, 2016 and to receive the Technical Advisory Committee meeting minutes of July 12, 2016. The motion carried unanimously.

ITEM 5 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. Comments were as follows:

City of Jackson – The 2012 Trail St. project is now being cancelled due to litigation, and will be removed from the project list. Wisner St. project is complete, except portions of sidewalk that need to be completed after the PAKA lift station upgrade. Mr. Jancek requested a check of possible erosion problems. Lansing/Ganson signal project is complete. The Mechanic St. reconstruction project is underway and should be complete in mid-October. The Kibby Rd. project will be amended based on ongoing design.

Jackson Area Transportation Authority – Transit Center refurbishment is now complete and requested to be closed out. The rest of the projects included in the progress report are on schedule.

Jackson County DOT – Fifth Street project is now removing old curbing. W. Michigan Ave. bridge is currently being discussed with MDOT Rail and Amtrak. 2017 projects may need to be designed and managed by consultants due to staffing changes. Mr. Jancek asked about Blackman Rd. Rail inspections, and Ms. Kline said she would send information about MDOT rail representatives to the Board. Status reports were requested about the MDOT high speed rail upgrades in the city, but could only be provided by MDOT rail. Mr. Jancek asked about rail ownership, and Ms. Kline recommended the MDOT rail website.

MDOT – Mr. Gulock presented several MDOT projects that have been updated with work start dates, which has been included in the packet. Mr. Grazioli stated that there is a Transportation Summit in Blackman Township on November 2nd, 2016 at 9:00 AM. Mr. Overton raised concerns about emergency vehicles in Jackson being able to move around the city. Ms. Kline recommended contacting MDOT rail. Mr. Acker asked about the railroad project in Parma, Ms. Kline stated that JCDOT owns the project. Concerns were raised about ROW acquisition for the two-way conversion in Jackson.

JACTS POLICY COMMITTEE MINUTES

September 15, 2016

Page 3

Jackson County Airport – Mr. Feldvary informed the committee that landfill removal is complete, backfill is ongoing. Airport Rd. will be shut down in two weeks, for about four weeks. Fencing and fiber optic upgrades will be complete at the end of September. In September the new runway will open. Mr. Jancek asked where trucks would go for east end construction, currently unknown. Mr. Acker raised concerns about Leore Lane, which is being damaged by trucks.

ITEM 6 JACTS TRAVEL DEMAND MODEL UPDATE

Mr. Dawson explained the progress made on the base year socioeconomic data. The largest urban areas are still working on the employment counts, and Mr. Dowling stated that the city is about 25% complete. Mr. Dawson stated that any needed assistance will be provided by Region 2 Planning Commission and MDOT.

ITEM 7 APPROVAL OF MEMORANDUM OF UNDERSTANDING BETWEEN THE REGION 2 PLANNING COMMISSION (R2PC) AND THE JACKSON AREA TRANSPORTATION AUTHORITY (JATA)

Mr. Dawson explained the proposed memorandum of understanding between the two agencies. This memorandum outlines responsibilities of the organizations in regards to TIP amendments, public involvement, transit services, and other critical services. Ms. Torres asked if Region 2 Planning Commission is satisfied with the agreement, and Mr. Duke stated that it had been reviewed and found to be appropriate. Mr. Rand made a motion to approve the Memorandum of Understanding as presented, supported by Ms. Kline. The motion passed unanimously.

ITEM 8 FEDERAL HIGHWAY ADMINISTRATION (FHWA) APPROVAL OF THE JACTS PROPOSED CHANGES TO THE NATIONAL HIGHWAY SYSTEM

Mr. Dawson explained the proposed changes to the national highway system in Jackson County were approved by the Federal Highway Administration. Mr. Dawson distributed maps of the approved system to Mr. Dowling for the city and Ms. Kline for the county.

ITEM 9 FY 2016/2017 ASSET MANAGEMENT DATA COLLECTION SCHEDULE

Mr. Dawson reviewed the included Asset Management data collection schedule with the Board.

ITEM 10 OTHER BUSINESS

- FHWA: The FY 2017 Unified Work Program is currently being approved.
- MDOT: No other business was discussed.
- Mr. Moilanen requested that Asset Management maps be included on the Region 2 Planning Commission website, Mr. Dawson recommended maps be distributed to the jurisdictions.
- Mr. Dowling and Ms. Kline recommended MDOT Rail contacts be placed in the minutes. Mr. Dawson will distribute this information via email.
- Ms. Kline gave a Fifth Street project update.
- Mr. Acker discussed rail detour problems due to the high speed rail upgrade.
- Mr. Dowling gave an update on trail projects in the city.
- Mr. Jancek requested information about the Airport Rd. JATA stop.

JACTS POLICY COMMITTEE MINUTES

September 15, 2016

Page 4

ITEM 11 **PUBLIC COMMENT**

No public comment was offered.

ITEM 12 **ADJOURNMENT**

There being no further business, Vice-Chair Jancek adjourned the meeting at 9:08 AM.

Aaron Dawson
Senior Planner

****For members seeking information about rail projects, please contact:
I.M. Duncan, Construction Engineer
Ph. (313)202-1174
Cell (517)490-9401

TO: JACTS Technical Advisory and Policy Committees

DATE: October 4, 2016

FROM: Jon H. Dowling, P.E.

SUBJECT: TIP Project Status

2016

Mechanic: Morrell to Washington (Urban) - Reconstruction with water main replacement. DLZ is the City's consultant. Bailey Excavating is the contractor. **The contractor is currently finishing sanitary and storm sewer items and will be starting curb and gutter soon. The road is scheduled to be complete by the end of the month.**

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. Design is ongoing.

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 with design starting.

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
2014-2017 TIP
(October, 2016 Report)**

FY 2014

1. **Transfer Center Remodel**
 - a. **Left over money from grant to do additional upgrades.**
2. **HVAC replacement and upgrade at Main Base**
 - a. **Will be re-bidding this project October 2016**

FY 2015

1. **ADA Compliant Software for increasing rider mobility extended thru 9/30/17**
2. **ADA Compliant Software for increasing rider mobility**
 - a. **Researching vendors and available technologies**
 - b. **Plan on starting project in late 2016 early 2017**

FY 2016

1. **Bus engine replacements**
 - a. **Replace all Gillig motors to extend useful life of busses**
Grant was reduced to about (5) engines
 - b. **Projected start date 4th Quarter of FY2016 still on**
2. **Vehicle procurements**
 - a. **Replace remaining minivans with Ford Transits**
 - b. **Projected start date 4th Quarter of FY2016 still on**

FY2017

1. **Vehicle procurements**
 - a. **Replace 3 Sprinter vans**
 - b. **Bus Replacement (2 full-size) Start in early 2017**



Christopher J. Bolt, MPA, PE
Managing Director

Robert D. Griffis
Director of Operations

Angela N. Kline, P.E.
Director of Engineering

Shawn R. Surque
Project Manager

Dawn Goodwine
Administrative Service Manager

Jackson Area Comprehensive Transportation Study (JACTS)
Technical Advisory Committee & Policy Committee
October 4, 2016

2016 PROJECTS:

ROBINSON ROAD: WEST MICHIGAN AVENUE TO MCCAIN ROAD (STUL): Project is complete.

DEARING ROAD: COUNTY FARM ROAD TO MCCAIN ROAD (STP-Rural): Project complete.

MT. HOPE ROAD: GRASS LAKE VILLAGE TO I-94 (STP-Rural): Project complete.

FRANCISCO ROAD/CLEAR LAKE ROAD: EAST MICHIGAN AVENUE TO 1-94 (STP-Rural): Project is complete.

FIFTH STREET: PAGE AVENUE TO BROAD STREET (Category F and Streetscape TAP Grant):

Construction is ongoing. All curb removes are complete and forms in place. Concrete will be poured ASAP.

WEST MICHIGAN AVENUE BRIDGE OVER MDOT RAILROAD AND RAILROAD STREET (Local Bridge):

Working on finalizing the agreement with Amtrak for Construction in 2017, waiting for response from them.

2017 PROJECTS:

ROBINSON ROAD: SPRING ARBOR ROAD TO KIBBY ROAD (STUL): Preliminary plans underway and SHPO application submitted.

EAST MICHIGAN AVENUE UNDER THE RAILROAD VIADUCT (STP-Rural): Preliminary plans underway

BERRY ROAD: RIVES EATON ROAD TO LANSING AVENUE (STP-Rural): Preliminary plans underway

RIVES EATON ROAD: PERRINE ROAD TO BERRY ROAD (STP-Rural): Preliminary plans underway

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

RIVES JUNCTION ROAD NON-MOTORIZED TRAIL (Safety): Received MDOT approval letter

PEDESTRIAN SIGNALS@ AIRPORT ROAD/SPRINGPORT ROAD/COUNTY FARM ROAD (Safety): Received MDOT approval letter

NEW FY 2018 – 2020 TIP PROJECTS (PRELIMINARY)

2018 PROJECTS:

WEST MICHIGAN AVENUE: M-60 TO GLASGOW ROAD (STUL):

NORVELL ROAD: EAST MICHIGAN AVENUE TO PHAL ROAD (STP-Rural)

2019 PROJECTS:

WEST MICHIGAN AVENUE: PARMA VILLAGE TO M-99 (STP):

LAURENCE AVENUE: RR ROW TO WILDWOOD AVENUE (STUL):

LAURENCE AVENUE: WILDWOOD AVENUE TO WEST ARGYLE STREET (STUL):

2020 PROJECTS:

O'NEILL DRIVE: AIRPORT ROAD TO THE DEAD END (STUL):

SPRINGPORT ROAD: COUNTY FARM ROAD TO RIVES JUNCTION ROAD (STUL):

NORVELL ROAD: PHAL ROAD TO RABY ROAD (STP- Rural):



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

RICK SNYDER
GOVERNOR

KIRK T. STEUDLE
DIRECTOR

October 11, 2016

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. Project is underway. Single lane closures EB and WB until project completion mid-November.

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. Project is underway. Single lane closures EB and WB until project completion mid-November.

M-50 (Ganson to North and Michigan to Wildwood) – Full pavement reconstruction with drainage and other improvements. Ganson to North portion underway with through traffic detour. Project completed.

Lansing Ave over I-94-Bridge repair due to a high load hit last fall. Project is a partial deck replacement and beam repairs. Lansing avenue open to traffic, minor repair work remains.

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

US-127 at Floyd – Offset SB Rt. Turn Lane & Overhead Flashing Signal
Project in design, all “M” funds. Anticipated July letting. Project under contract, construction this fall.

M-50 at Murray Rd. – Tree Removal & HMA Shoulder Addition.
Tree removal complete. Shoulder design underway, all “M” funds. Anticipated July letting. Project expanded to include all shoulders between US-127 and Rives Junction. Work scheduled to begin in October.

M-50 (US-127 to Napoleon Rd.) – Two course mill & resurface. August 2016 letting, 2017 construction. Project being constructed.

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. Continuing to work on plan development. Right-of-Way acquisition is underway.

M-50 (Rives Junction to Pope Church Road) – Micro-surface of existing roadway pavement. Design work to begin later this year.

I-94 BL (Cooper Street to Dwight Street) – Single course mill and resurfacing with ADA sidewalk ramp improvements. Design work to begin later this year.

M-106 (Bunker Hill to East of Sayers Road) – Single course mill and resurfacing. Design work to begin later this year.

M-50/US-127 BR (North Street to Boardman) – Longitudinal joint repair with asphalt mastic and micro-surface materials. Design work to begin later this year.

I-94 (M-60 to Calhoun County Line) – Concrete patching. Design work to begin later this year.

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.



Jackson County Airport – Reynolds Field

Flying Jackson Forward!

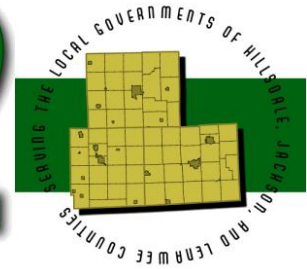
Kent L. Maurer, Airport Manager

JACTS Airport Report October 2016

- Phase I Runway 7-25 Construction project is 90% Complete with Airport Argyle Road relocation scheduled for the Mid-October
- Landings and take-offs are up slightly from year-a-go figures



Region 2 Planning Commission



MEMORANDUM

TO: JACTS Technical Advisory Committee Members
JACTS Policy Board Members
Region 2 Planning Commission Members

FROM: Aaron Dawson, Senior Planner

SUBJECT: Jackson Area Comprehensive Transportation Study (JACTS) – 2014 Employment and Population Data Review

DATE: October 3rd, 2016

For your review, please see the attached spreadsheets for Jackson County base year socioeconomic data. This data will be used for Jackson County's transportation model. I have met with township, city, and village officials to verify this information at the local level. The next step in this process is approval of the information included with this memorandum, followed by estimation of the future year (2045) socioeconomic data that will also need to be approved.

If you would like to see a more detailed map and spreadsheet of the Transportation Analysis Zones (TAZs) for a particular jurisdiction (township, village, or city), I have them available.

The summary sheet is attached for your review and APPROVAL. Any questions or comments can be sent to me at (517) 768-6703 or adawson@co.jackson.mi.us. Thank you.

Jackson Area Comprehensive Transportation Study (JACTS) 2014 Employment Data Review (October 11, 2016)

Jurisdiction	<u>For Approval</u>		<u>For Approval</u>		<u>For Approval</u>		<u>For Approval</u>	
	2010 Total Service Employment	2014 Total Service Employment	2010 Total Retail Employment	2014 Total Retail Employment	2010 Total Other Employment	2014 Total Other Employment	2010 Total Employment	2014 Total Employment
City of Jackson	13,432	13,978	3,426	3,419	11,240	10,232	28,098	27,629
Village of Brooklyn	778	659	157	156	270	269	1,205	1,084
Village of Concord	241	236	60	45	234	210	535	491
Village of Grass Lake	261	181	27	20	131	93	419	294
Village of Hanover	102	79	15	19	60	55	177	153
Village of Parma	112	124	11	10	56	70	179	204
Village of Springport	157	138	12	12	198	149	367	299
Blackman Township	5,540	4,700	3,881	4,401	7,170	7,567	16,591	16,668
Columbia Township	569	490	302	288	578	459	1,449	1,237
Concord Township	76	75	7	7	172	172	255	254
Grass Lake Township	406	437	138	117	619	822	1,163	1,376
Hanover Township	316	168	17	12	290	209	623	389
Henrietta Township	127	127	70	70	282	277	479	474
Leoni Township	1,917	1,726	862	685	1,962	2,017	4,741	4,428
Liberty Township	231	85	41	43	134	146	406	274
Napoleon Township	673	599	114	71	825	763	1,612	1,433
Norvell Township	45	30	5	5	99	104	149	139
Parma Township	64	83	30	20	144	140	238	243
Pulaski Township	48	23	2	5	67	55	117	83
Rives Township	133	125	24	24	256	218	413	367
Sandstone Township	195	187	26	14	1,102	1,419	1,323	1,620
Spring Arbor Township	1,234	1,175	149	143	465	568	1,848	1,886
Springport Township	27	16	12	10	44	13	83	39
Summit Township	4,415	4,161	810	703	2,687	2,603	7,912	7,467
Tompkins Township	17	15	11	14	108	61	136	90
Waterloo Township	172	168	66	61	156	146	394	375
Jackson County Total	31,288	29,785	10,275	10,374	29,349	28,837	70,912	68,996

Jackson Area Comprehensive Transportation Study (JACTS) 2014 Population Data Review (October 11, 2016)

Jurisdiction	<u>For Approval</u>		<u>For Approval</u>		<u>For Approval</u>		<u>For Approval</u>	
	2010 Total Population	2014 Total Population	2010 Group Quarters	2014 Group Quarters	2010 Total Housing Units	2014 Total Housing Units	2010 Occupied Housing Units	2014 Occupied Housing Units
City of Jackson	33,528	33,316	773	744	15,433	15,004	13,273	12,835
Village of Brooklyn	1,206	1,249	0	0	661	649	577	551
Village of Concord	1,050	1,036	0	0	484	472	412	397
Village of Grass Lake	1,173	1,164	0	0	513	528	462	469
Village of Hanover	441	453	0	0	186	189	164	164
Village of Parma	769	769	18	19	322	325	287	287
Village of Springport	800	807	0	0	312	331	293	308
Blackman Township	24,012	23,646	7,132	6,349	8,727	9,086	7,585	7,950
Columbia Township	6,214	6,161	7	6	3,347	3,195	2,556	2,408
Concord Township	1,673	1,532	6	4	671	620	623	560
Grass Lake Township	4,511	4,486	0	0	1,892	1,941	1,683	1,711
Hanover Township	3,254	3,343	0	0	1,447	1,467	1,254	1,259
Henrietta Township	4,705	4,729	22	19	2,047	2,053	1,851	1,801
Leoni Township	13,808	13,762	6	7	6,074	6,206	5,488	5,680
Liberty Township	2,961	2,960	6	5	1,343	1,385	1,168	1,159
Napoleon Township	6,776	6,767	8	32	3,098	3,218	2,667	2,715
Norvell Township	2,963	2,945	6	8	1,737	1,760	1,209	1,230
Parma Township	2,504	2,502	19	20	1,011	1,021	916	916
Pulaski Township	2,075	2,131	5	8	864	876	761	762
Rives Township	4,683	4,648	23	22	1,894	1,741	1,731	1,666
Sandstone Township	3,437	3,434	72	75	1,353	1,368	1,259	1,260
Spring Arbor Township	8,267	8,202	1,220	1,181	3,022	2,859	2,734	2,646
Springport Township	1,359	1,372	0	0	575	609	512	539
Summit Township	22,558	22,859	349	378	9,979	9,690	9,188	9,069
Tompkins Township	2,671	2,696	0	0	1,111	1,176	1,023	1,074
Waterloo Township	2,856	2,948	0	0	1,360	1,346	1,097	1,130
Jackson County Total	160,254	159,917	9,672	8,877	69,463	69,115	60,773	60,546

September 22, 2016

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

RECEIVED
 SEP 29 2016
 Per _____

Re: FY 2017 TIP Amendment

Dear Mr. Duke:

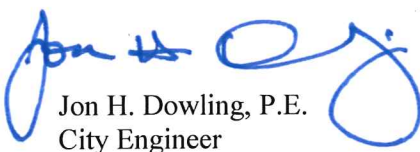
The City of Jackson is hereby requesting approval from the Region 2 Planning Commission, JACTS Technical Advisory & JACTS Policy Committees concerning the following Transportation Improvement Program (TIP) Amendment for FY 2014-2017:

FY	Street	Current Description	Proposed Description	Funding
2017	Kibby Road City Limits to West Avenue	Reconstruct pavement with curb repairs on boulevard islands and curb replacement on outside lanes to reduce pavement width to one lane and one bike lane in each direction.	Reconstruct pavement on south side of boulevard and remove north side, roundabout at Kibby and Denton with realignment on Denton for 740' west of Kibby and install non-motorized path from County path at City limits to County path at Denton.	Federal \$929,000 City \$232,000

During the design phase of Kibby Road we determined it was better to reconstruct the pavement on the southerly side of the boulevard rather than have one lane on each side of the boulevard. To accomplish this, we plan to install a roundabout at Kibby and Denton, realign Denton about 740' feet west of Kibby and install a non-motorized path from the City limits to Denton. The City is requesting that the revised project description for Kibby Road be approved. There is no change in the funding.

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

Sincerely,



Jon H. Dowling, P.E.
 City Engineer

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



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
 LANSING

RICK SNYDER
 GOVERNOR

KIRK T. STEUDLE
 DIRECTOR

September 29, 2016

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 request two amendments to the FY 2017-20 Transportation Improvement Program (TIP).

The MDOT TIP amendments are detailed below.

Fiscal Year	Project Name	Limits	Project Description	Funding
2017 JN 120275	M-60	Emerson Rd to Renfrew Rd	2 course mill and resurface	ROW Federal: \$163,700 (ST) State: \$36,300 (M) Not GPA
2017 JN 120277	M-60	Chapel Rd to Emerson Rd	Resurfacing / Widening with center left turn lane	ROW Federal: \$368,325 (ST) State: \$81,675 (M) Not GPA

Both of these phases were previously listed in 2016 within the 2014-17 TIP. 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,

Christopher Gulock, Transportation Planner
 University Region