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

**FOR FURTHER INFORMATION
CONTACT:**

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

DATE: Thursday, February 20, 2020

TIME: 8:00 A.M.

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

A G E N D A

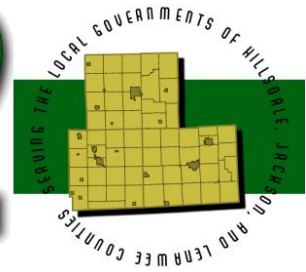
Comments will be solicited on each item following discussion and prior to any final action.

1. Call to Order
2. Public Comment
3. Approve Minutes of the Policy Committee Meeting of January 16, 2020 and Receive the Minutes of the Technical Advisory Committee Meeting of January 15, 2020 (see enclosures) – **ACTION**
4. Agency Status Reports (see enclosures) – **DISCUSSION**
 - City of Jackson
 - Jackson Area Transportation Authority
 - Jackson County Department of Transportation
 - Michigan Department of Transportation
 - Jackson County Airport-Reynolds Field
 - Enterprise Group (<http://www.enterprisegroup.org>)
5. JACTS FY 2019 List of Federally-Obligated Projects (see enclosure) – **DISCUSSION**
6. Approval of Amendments and Administrative Modifications to the JACTS FY 2020–2023 Transportation Improvement Program (TIP) (see enclosures) – **ACTION**
 - Michigan Department of Transportation
7. City of Jackson / Jackson County Non-Motorized Plan Update – **DISCUSSION**
8. JACTS Non-Motorized Construction & Design Guide Review Series (see enclosure) – **PRESENTATION**
9. Other Business
 - Public Information Meeting – “*Jackson and Mechanic Streets Railroad Bridge Replacement*,” February 26th, Noon – 8:00 pm, Christoff & Sons Public Room
 - Public Information Meeting – “*I-94 Corridor Open House*”, April 7th, Noon-3 pm, 4-6 pm, Blackman Township Hall,
10. Public Comment
11. Adjournment

Region 2

Planning Commission

Jackson Area Comprehensive Transportation Study



MINUTES

JACTS POLICY COMMITTEE

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

Thursday, January 16, 2020

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

Members Absent: Patrick Burtch, City of Jackson
Derek Dobies, City of Jackson
Don Mayle, MDOT – Lansing
Mike Trudell, Summit Township

Others Present: Joe Bentschneider, JCDOT
Mike Brown, Jackson Area Transportation Authority
Mike Davis, MDOT – University Region
Tanya DeOliveira, Region 2 Planning Commission
Jon Dowling, City of Jackson
Steve Duke, Region 2 Planning Commission
Bret Taylor, JCDOT
Kelby Wallace, MDOT – TSC

ITEM 1 CALL TO ORDER

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

ITEM 2 PUBLIC COMMENT

No public comments were received.

JACTS POLICY COMMITTEE MINUTES

January 16, 2020

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ITEM 3 **ELECTION OF 2020 OFFICERS**

A motion was made by Mr. Feldvary, supported by Mr. Acker, to approve Mr. Steve Shotwell as Chair and Mr. Pete Jancek as Vice-Chair for 2020. The motion passed unanimously.

ITEM 4 **APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF NOVEMBER 21, 2019 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MINUTES OF NOVEMBER 20, 2019**

A motion was made by Mr. Welsh, supported by Ms. Kline, to approve the Policy Committee meeting minutes of November 21, 2019 and receive the Technical Advisory Committee meeting minutes of November 20, 2019 as presented. The motion carried unanimously.

ITEM 5 **AGENCY STATUS REPORTS**

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

- City of Jackson – Electricians are working to install street lights along the Greenwood/Jackson Street project.
- Jackson Area Transportation Authority – The agency has applied for a grant to begin the Rides to Wellness program. The project has been a success in Flint. MDOT is providing the necessary financial match.
- Jackson County Department of Transportation – The McDevitt Road project is underway. The plans for Phase 1 are under review. Phase 2 will be reviewed at the end of this month. Phases 1 and 2 will be completed this year. Phase 3 is a non-motorized path and an upgrade of traffic signals at Hague Avenue. The completion of phase 3 has yet to be determined.
- Michigan Department of Transportation – Weather permitting, work will continue on I-94 this winter. The Grand River bridge work should be completed by mid-summer. Work will start on reconstructing the M-60 interchange in March. There is a public meeting to review the West Avenue interchange, Elm Road interchange, Lansing Avenue bridge projects on April 7th. A public information meeting to review the railroad bridge replacements at both Mechanic and Jackson Streets is scheduled for February 26th at the new Christoff's show room.
- Jackson County Airport – Reynolds Field – The airport has more operations (landings, take-offs, etc.) than the commercial airports in Flint and Lansing. The terminal apron project will be completed by the end of this summer.

ITEM 6 **APPROVAL OF AMENDMENTS TO THE JACTS FY 2020 - 2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Mr. Davis reported that MDOT was requesting the following amendments to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

JACTS POLICY COMMITTEE MINUTES

January 16, 2020

Page 3

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Funds	Federal Source	Amendment Type
2020	209494	PE	M-106 & US-127 BR	Various Locations – Jackson TSC	0	Traffic Signal Modernization, connected vehicle installations	Federal - \$419,886 State - \$0 Total - \$419,886	STG	Phase Add
2021	209494	ROW	M-106 & US-127 BR	Various Locations – Jackson TSC	0	Traffic Signal Modernization, connected vehicle installations	Federal - \$10,000 State - \$0 Total - \$10,000	STG	Phase Add
2023	209494	CON	M-106 & US-127 BR	Various Locations – Jackson TSC	0	Traffic Signal Modernization, connected vehicle installations	Federal - \$2,694,539 State - \$0 Total - \$2,694,539	STG	Phase Add
2020	201001	CON	M-50	M-124 to Goose Creek	0	HMA cold milling & single course HMA overlay	Federal - \$777,902 State - \$172,498 Total - \$950,400	ST	Phase Budget
2020	204793	CON	I-94 W	Various locations throughout Jackson County	15.962	Install ITS devices along I-94 throughout Jackson County	Federal - \$1,679,129 State - \$372,342 Total - \$2,051,471	NH	Length over ½ mile

Vice-Chair Dowling reported that the City of Jackson was requesting the following amendment to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

FY	Street	Description	Length	Funding	Action
2020	Francis St – Morrell St to Mason St	Reconstruct	0.204	Federal \$587,000 City \$1,555,699.75	Rename Francis St to Martin Luther King Jr. Blvd Increase the local funding

Ms. Kline reported that JCDOT was requesting the following amendment to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

FY	Job #	Project Name	Limits	Project Description	Funding	Action
2020	207164	King Road	Mathews Road to M-60	Two course asphalt resurfacing	\$504,000 STUL \$846,000 Local	Change Funding

JACTS POLICY COMMITTEE MINUTES

January 16, 2020

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The motion was made by Vice-Chair Jancek, supported by Mr. Moilanen, to approve the proposed MDOT, City of Jackson, and JCDOT amendments to the JACTS FY 2020-2023 Transportation Improvement Program as presented. The motion carried unanimously.

ITEM 7 **CITY OF JACKSON / JACKSON COUNTY NON-MOTORIZED PLAN UPDATE**

Ms. DeOliveira reported that the consultant team is working on completing a final draft of the planning document. The Steering Committee met in December to review public comments. Ms. DeOliveira noted that she will be talking with the consultants later this month about stakeholder and public participation opportunities to review the final draft plan. The project will be completed in early 2020.

ITEM 8 **JACKSON COUNTY 2018/2019 PASER RATINGS**

Ms. DeOliveira presented the Jackson County 2018/2019 PASER ratings. The percentage of roads in good condition continues to decline. However, this may change in next year's report, as the condition of some of the federal-aid eligible roads will improve because of the road millages that many of the townships have passed to repave their roads. Additionally, the rating of the roads took place in June this year, at the beginning of the construction season, unlike previous years, where the roads were rated in September or October, at the end of the construction season. This meant that any roads improved (resurfaced, repaved, reconstructed, etc.) during the 2019 construction season were not in this year's report, but will appear in next year's report.

ITEM 9 **OTHER BUSINESS**

Ms. Kline introduced JCDOT's new employee and JACTS Technical Advisory Committee alternate Mr. Joe Bentschneider.

ITEM 10 **PUBLIC COMMENT**

No public comments were received.

ITEM 11 **ADJOURNMENT**

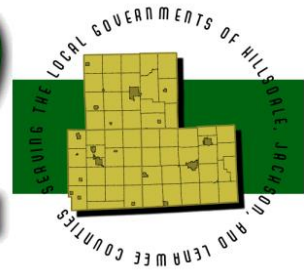
There being no further business, Vice-Chair Jancek adjourned the meeting at 9:00 AM.

Tanya DeOliveira
Transportation Planner

Region 2

Planning Commission

Jackson Area Comprehensive Transportation Study



MINUTES

JACTS TECHNICAL ADVISORY COMMITTEE

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

Wednesday, January 15, 2020

Members Present: Joe Bentschneider (Alt.), Jackson County Dept. of Transportation
Chad Cumberworth (Alt.), Jackson Area Transportation Authority
Mike Davis (Alt.), MDOT University Region
Jon Dowling, Vice-Chair, City of Jackson – Engineering
Steve Duke, Region 2 Planning Commission
Jeff Franklin, MDOT – Lansing
Jonathan Greene, City of Jackson Public Works
Amy Guerriero, The Enterprise Group
Angie Kline, Chair, Jackson County Dept. of Transportation
Bret Taylor, Jackson County Dept. of Transportation
Troy White, City of Jackson – Engineering

Members Absent: Andy Pickard, FHWA (Ex-officio)
Jack Ripstra, Blackman Charter Township
Juan Zapata, Jackson County Airport – Reynolds Field

Others Present: Tanya DeOliveira, Region 2 Planning Commission
Mark Kloha, MDOT – Lansing
Sam Korson, MDOT – Lansing
Kelby Wallace, MDOT – Jackson TSC

ITEM 1 CALL TO ORDER

Chair Kline called the meeting to order at 9:30 AM.

ITEM 2 PUBLIC COMMENT

No public comments were received.

ITEM 3 **ELECTION OF 2020 OFFICERS**

A motion was made by Mr. Davis, supported by Mr. White, to approve Ms. Angela Kline as Chair and Mr. Jon Dowling as Vice-Chair for 2020. The motion passed unanimously.

ITEM 4 **APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF NOVEMBER 20, 2019 AND RECEIVE THE POLICY COMMITTEE MINUTES OF NOVEMBER 21, 2019**

A motion was made by Ms. Guerriero, supported by Mr. Franklin, to approve the Technical Advisory Committee meeting minutes of November 20, 2019, and receive the Policy Committee meeting minutes of November 21, 2019 as presented. The motion carried unanimously.

ITEM 5 **AGENCY STATUS REPORTS**

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

- City of Jackson – The City is working to repair the recently installed street lights that are not working along the Greenwood/Jackson Street project.
- Jackson Area Transportation Authority – A new Gillig bus replacement will be delivered by the end of January. Two medium duty vans will be delivered by June.
- Jackson County Department of Transportation – Work continues on Moon Lake Road bridge project this spring with the painting of the faux rocks on the bridge. JCDOT is waiting on a permit from Amtrak to start work on the Michigan Avenue bridge in Parma. The McDevitt Road project is underway. The plans for Phase 1 are under review. The limits for Phase 1 are from Draper Road east to Oak Lane Road. Plans for Phase 2 will be reviewed at the end of the month. Phase 2 runs from Francis Street to Draper Road. Phases 1 and 2 will be completed this year. Phase 3 is a non-motorized path and an upgrade of the traffic signal at Hague Avenue. The completion of phase 3 is still to be determined.
- Michigan Department of Transportation – Weather permitting, work is continuing during the winter on I-94. The Grand River bridge work should be completed in mid-summer. Work will start on the M-60 interchange reconstruction in March.
- Enterprise Group – Ms. Guerriero reported that she will be retiring by the end of March, and that this is her last JACTS Technical Committee meeting. Members of the Committee thanked her for her years of service. It was also reported that there is potential EDA grant funding to implement the recommendations from the County Farm Road Feasibility Study and construct the entrance road to the new Jackson Technology Park North.

ITEM 6**APPROVAL OF AMENDMENTS TO THE JACTS FY 2020 – 2023
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Mr. Davis reported that MDOT was requesting the following amendments to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Funds	Federal Source	Amendment Type
2020	209494	PE	M-106 & US-127 BR	Various Locations – Jackson TSC	0	Traffic Signal Modernization, connected vehicle installations	Federal - \$419,886 State - \$0 Total - \$419,886	STG	Phase Add
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Vice-Chair Dowling reported that the City of Jackson was requesting the following amendment to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

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Chair Kline reported that JCDOT was requesting the following amendment to the JACTS FY 2020 – 2023 Transportation Improvement Program (TIP):

FY	Job #	Project Name	Limits	Project Description	Funding	Action
2020	207164	King Road	Mathews Road to M-60	Two course asphalt resurfacing	\$504,000 STUL \$846,000 Local	Change Funding

A motion was made by Ms. Guerriero, supported by Mr. Franklin, to approve the proposed MDOT, City of Jackson, and the JCDOT amendments as presented. The motion carried unanimously.

ITEM 7 **CITY OF JACKSON / JACKSON COUNTY NON-MOTORIZED PLAN UPDATE**

Ms. DeOliveira reported that the consultant team is working on completing a final draft of the planning document. The Steering Committee met in early December to review public comments and to get a preview of the final document. Ms. DeOliveira said that she will be speaking with the consultant team this month to get up to speed on the project, and to discuss stakeholder and public participation in reviewing the final draft plan. Project Steering Committee members from JCDOT and MDOT asked for draft maps to review before the final draft plan is released to the public.

ITEM 8 **JACKSON COUNTY 2018/2019 PASER RATINGS**

Ms. DeOliveira presented the Jackson County 2018/2019 PASER ratings. The percentage of the number of roads in good condition continues to decline. However, this may change in next year's report, as the condition of some of the federal-aid eligible roads will improve as a result of road millages that many of the townships recently approved. The rating of the roads took place in June 2019, at the beginning of the construction season, unlike previous years, where the roads were rated in September or October, at the end of the construction season. This meant that any roads improved (resurfaced, repaved, reconstructed, etc.) this past construction season were not captured in this year's report, but will appear in next year's report. JCDOT noted that they would like to continue rating roads at the beginning of the season. They also offered to rate the City of Jackson federal-aid eligible roads, if the City was interested.

ITEM 9 **OTHER BUSINESS**

Mr. Franklin noted that Mr. Mark Kloha will be the new MDOT Statewide Planning Program Manager for the Jackson MPO. Mr. Kloha has 20 years of experience at MDOT, and has previously worked with other MPOs. The committee welcomed Mr. Kloha.

ITEM 10 **PUBLIC COMMENT**

No public comments were received.

ITEM 11 **ADJOURNMENT**

There being no further business, Chair Kline adjourned the meeting at 10:30 AM.

Tanya DeOliveira
Transportation Planner

To: JACTS Technical Advisory and Policy Committees
DATE: February 5, 2020
FROM: Jon H. Dowling, P.E.
SUBJECT: TIP Project Status

2019

Greenwood/Jackson Streets: Morrell to Franklin (Urban) – Reconstruct roadway. HRC is the City's consultant on this project. The Project was let by MDOT on June 7 with Bailey Excavating as the low bidder. The roadwork is ready for paving, however, the weather is not cooperating. The plan is to fill the road base with mill tailings to provide a drivable surface for the winter and continue in the spring when the weather is suitable for paving. The signal work will not be finished until 2020.

2020

Martin Luther King Jr Blvd: Morrell to Mason (Urban) – Reconstruct roadway. HRC is the City's consultant on this project. **Plans were submitted to MDOT and told we will be in the April, 2020 MDOT Letting.**

2021

Morrell Street: Greenwood to Francis (Urban) – Reconstruct pavement with curb repairs. **Seven Proposals were received from consultants in January, 2020 with review by the City underway.**

Steward Street: RR to Ganson (Urban) – Mill and asphalt resurface with curb repairs and signal reconstruction at Ganson. **Seven Proposals were received from consultants in January, 2020 with review by the City underway.**



PROJECT REPORT
2017-2020 TIP

February 2020

FY2019/FY2020

1. Vehicle Procurements

- a. (4) Medium duty vans – JATA is evaluating the first two vehicles and will begin the procurement process for the second two later in 2020.
 - i. We have ordered 2 additional Medium duty vans from Hoekstra which are similar to the ones we order back in May of last year. We just had some seating configuration changes.
- b. (1) The 35-foot bus, manufactured by Gillig, has been delivered and is in the process of being prepared for service.

2. Bus & Bus Components

- a. Replace radio system and bus radios –Project will begin sometime Spring 2020.
 - i. We received the approval from the state of Michigan regarding infrastructure requirements. We are currently waiting for approval from the 9-1-1 board of advisors to determine any yearly costs they will pass down to us as part of their yearly maintenance fees.

3. Facility Upgrades

- a. Admin office rehab and update – has been put on hold.
- b. Surveillance upgrades (cameras, gates, etc..)
 - i. The Admin office rehab has been delayed until the HVAC system has been completed.
 - ii. The surveillance upgrades are slated to start in the middle of FY2020.

4. Grants

- a. We are anticipating hearing about grant awards for DOT in regards to the Mobility for All Pilot program by the middle of the Spring 2020.



Jackson County

Department of Transportation



Keeping Our Community Safely in Motion...

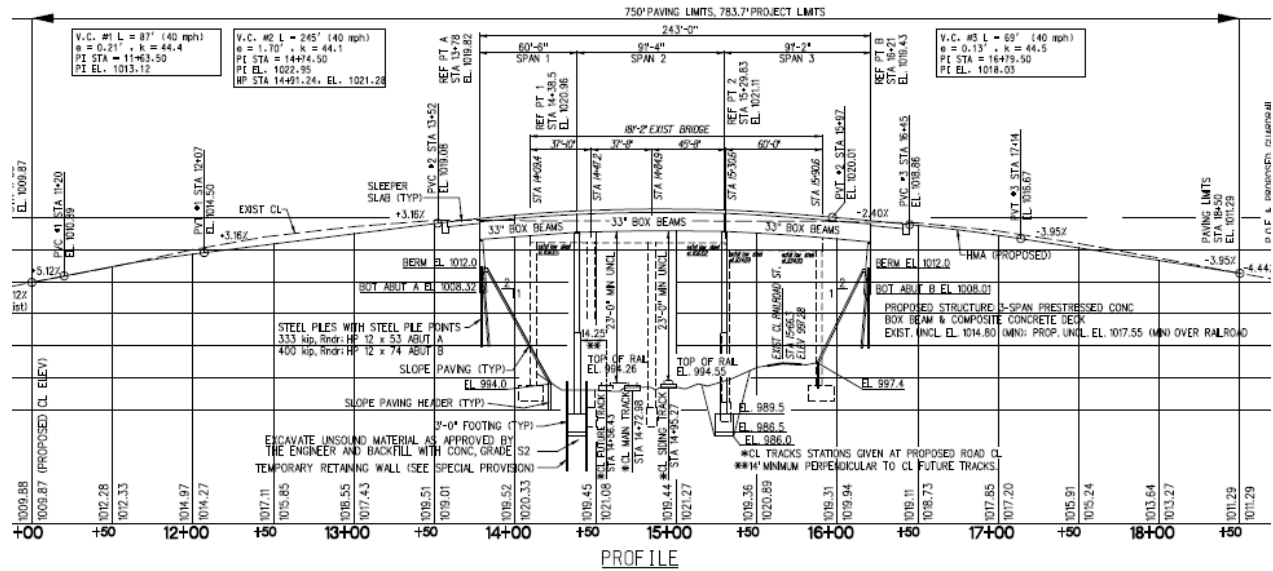
February JACTS Update

2019 Carryover Projects

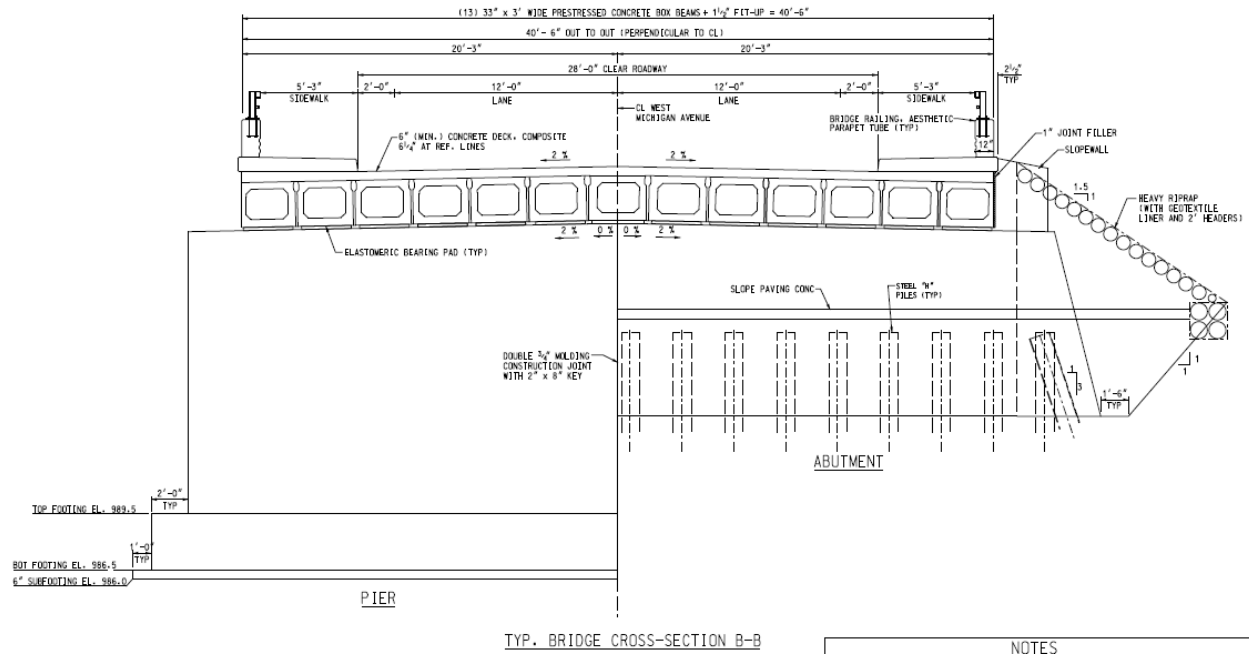
- **KING ROAD**
 - The slope restoration will be completed in the spring when weather permits.
- **MOON LAKE ROAD BRIDGE**
 - The contractor will complete the painting in the spring when weather permits.
- **NORVELL ROAD**
 - The final lift of HMA will be placed in the spring when weather permits.
- **MICHIGAN AVE BRIDGE**
 - We are waiting for the construction phase agreement from Amtrak. The contractor plans to get started in February, if permitted.



Existing Michigan Avenue Bridge (looking southwest)



General Plan of Site (old structure and new structure)



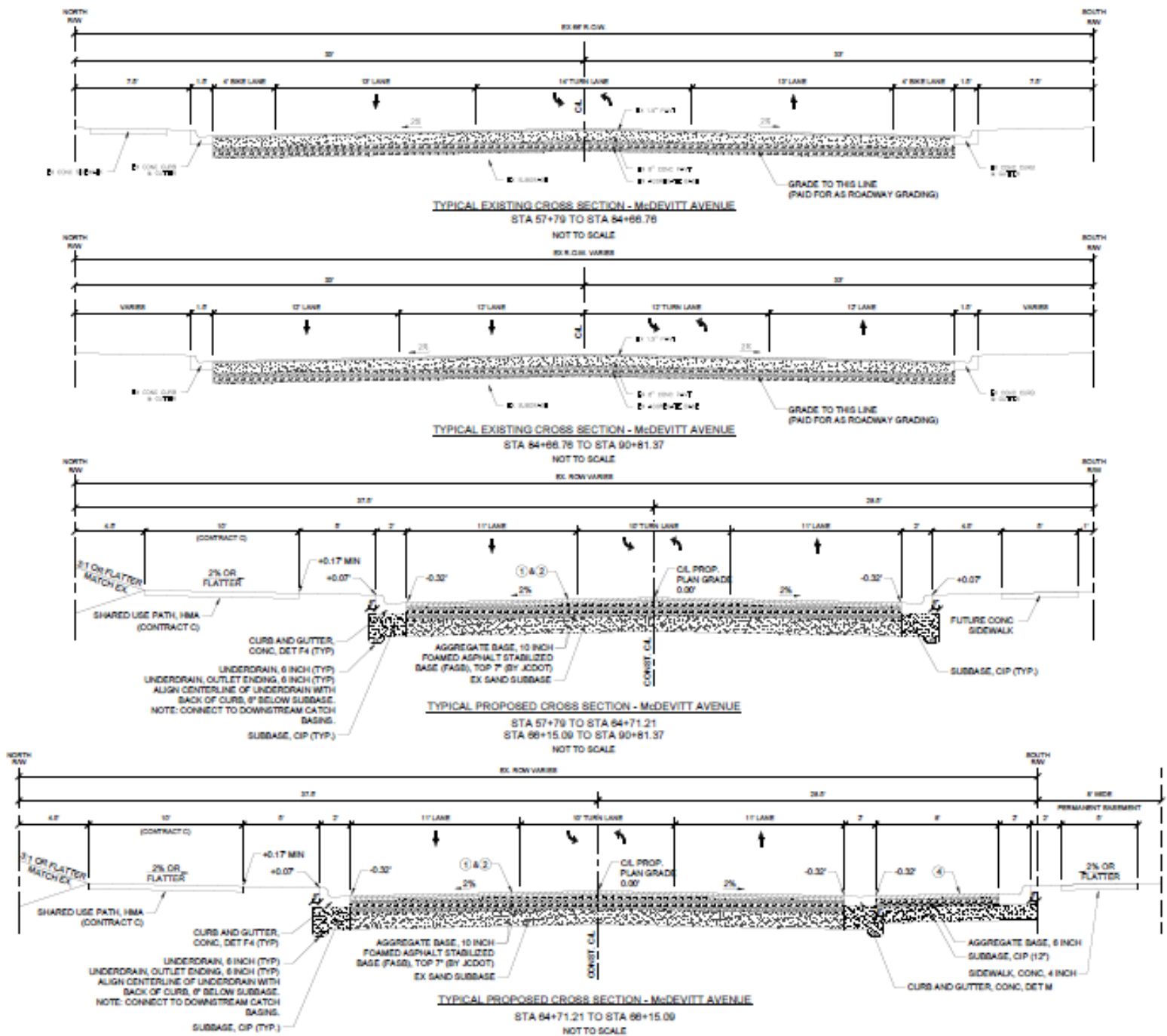
New Structure Cross Section

2019 Carryover Projects Continued...

- **PREVENTATIVE MAINTENANCE, 1.5" OVERLAY**
 - Reith Riley will begin in the spring.
- **LAURENCE AVE**
 - Michigan Paving will begin work in the spring.

2020 Projects

- **2020 PREVENTATIVE MAINTENANCE**
 - This will be submitted to MDOT for a Grade Inspection (GI) meeting by February 21, 2020.
- **2020 SAFETY PROJECTS**
 - The following projects have a GI meeting February 26, 2020:
 - Edge Line Pavement Marking in the NE quad of the county
 - South Jackson and Lindsey Intersection Realignment
 - Multiple Intersection Signing Upgrade in various locations of the county
 - Jefferson Road Tree Removal
 - W. Michigan Ave Tree Removal
- **KING ROAD**
 - This project is waiting for the TIP amendment to be approved from last month. Once approved it will be obligated and entered into a bid letting.
- **SPRINGPORT ROAD**
 - The GI for this project is February 21, 2020.
- **MCDEVITT ROAD**
 - This project is being done in phases:
 - Phase 1 is from Draper Road to US 127. This portion will be out to bid on February 14, 2020.
 - Phase 2 is from Francis Road to Draper Road. The plans for this phase are being reviewed internally.
 - Phase 3 is the McDevitt Road and Hague Road traffic signal upgrade and non-motorized path from Francis Road to US 127. These plans are still being developed.



McDevitt Avenue Cross Section



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
JACKSON TRANSPORTATION SERVICE CENTER

PAUL AJEGBA
DIRECTOR

February 10, 2020

FY 2020

Construction:

I-94 (M-60 to Sargent) - Cooper Street bridge is open over I-94. All ramps except the westbound entrance loop ramp are open. Bridge work will occur over the winter depending on the weather.

M-60 bridge over I-94 – Bridge replacement. Work will begin in March 2020.

US-127 (Floyd to I-94) – Concrete pavement repairs from Floyd to I-94.

Various traffic signal replacement – Signal modernization project. Waiting on mast arms for M-106/North intersection.

M-50 (Brooklyn village limits) – Preventative maintenance resurfacing and sidewalk ramps.

I-94 (countywide) – Install cameras and permanent message boards (late 2020 construction).

US-127 near Hart Road – Install camera for overweight vehicle enforcement.

Various routes – pavement markings

Various routes – crack sealing

Design:

M-106 and I-94BL – Non-freeway signing upgrade (2021 construction)

Railroad bridges over Jackson Street and Mechanic Street in downtown Jackson – Bridge replacement (2021 construction). Public meeting on February 26th at Christoff & Sons Flooring Covering.

I-94 at Elm Road, Lansing Road and West Ave (US-127 west) – Preparing Design/Build letting package (2021-2023 construction). Also includes resurfacing on US-127 (I-94 to Parnall)

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

I-94 from M-60 to Calhoun County line – Reconstruction from M-60 to Michigan Ave, major rehabilitation from Michigan Ave to Calhoun County line – 2022-2023 construction



Jackson County Airport – Reynolds Field

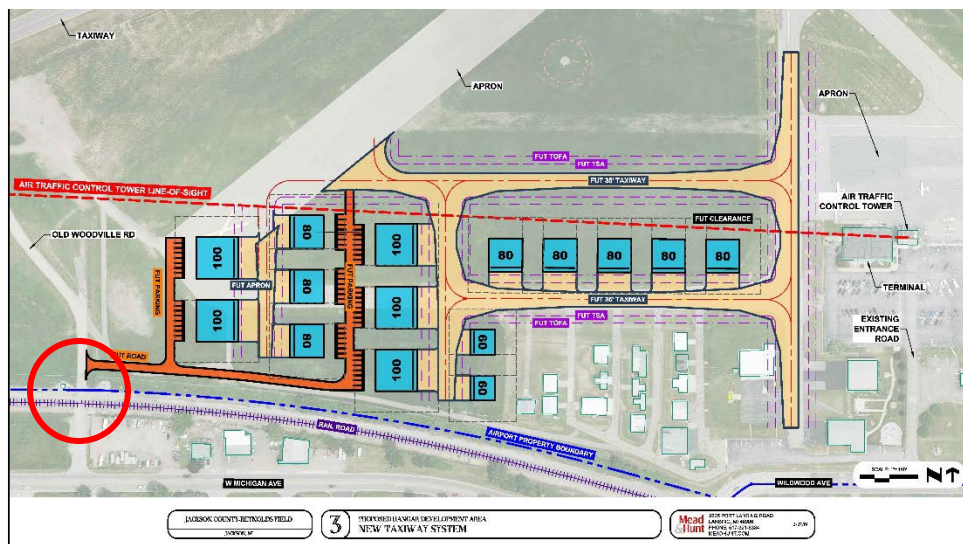
Flying Jackson Forward!

Juan C. Zapata, Airport Manager

JACTS Airport Update

February 2020

- Terminal Apron pre-construction meeting will be in March – date has not been set yet.
- Amtrak has removed segments of the pavement on the Woodville Road RR Crossing. This crossing will be needed for future airport development options. Diagram below shows proposed hangar development on the west side of the airport.



Region 2 Planning Commission



Serving Hillsdale, Jackson, and Lenawee Counties

JACKSON AREA COMPREHENSIVE TRANSPORTATION STUDY (JACTS)

Federal Funds Obligated in Fiscal Year 2019

As the state-designated Metropolitan Planning Organization for the Jackson urbanized area, the Region 2 Planning Commission, 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 programmed to receive federal and/or state funds in Jackson County during the 2020-2023 Fiscal Years.

The Federal legislation that was adopted in December 2015, continues through fiscal year 2020, Fixing American's Surface Transportation Act (FAST Act), continues the requirement of past legislation that *"an Annual Listing 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."*

In response to the above directive, the R2PC is providing a listing of all the projects in Jackson County "obligated" during FY 2019 (October 1, 2018 - September 30, 2019). 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 the FHWA for reimbursement in FY 2019. Some projects actually constructed in FY 2019 were obligated in previous fiscal years and will not appear on this listing.

The complete list of the FY 2019 projects obligated in the JACTS area appears on the next page. Questions or comments may 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
Email: sduke@co.jackson.m.us

Implementing Agency	Phase of Project	Project Name	Improvements	Programmed Total Phased Cost	Federal Fund Source	Federal Funds Programmed	Federal Fund Obligated	Actual Total Phase Cost
Local								
Village of Brooklyn	CON	S King Street, Tiffany Street, & Cement City Road	Reconstruction	\$220,000	STL	\$176,000	\$189,620	\$237,025
Village of Grass Lake	CON	Various	Milling and One Course Asphalt Overlay	\$350,000	STL	\$280,000	\$280,371	\$350,464
Village of Springport	CON	Main Street	Resurface	\$270,000	STL	\$216,000	\$229,333	\$286,666
City of Jackson	CON	Greenwood Ave/Jackson St	Reconstruction with Traffic Circle	\$2,116,800	STUL	\$783,234	\$979,043	\$1,778,439
Jackson County	CON	Michigan Avenue	Bridge Replacement	\$3,433,000	MCS	\$0	\$0	\$2,757,759
Jackson County	CON	Laurence Ave	Cold mill and Resurface	\$500,000	STUL	\$400,000	\$415,660	\$507,831
Jackson County	CON	Laurence Ave	Cold mill and Resurface	\$250,000	STUL	\$200,000	\$195,570	\$238,937
Jackson County	CON	Moon Lake Road	Replacement	\$1,367,938	BO	\$869,760	\$774,698	\$1,218,426
Jackson County	CON	Countywide	One Course Asphalt Overlay	\$6,015,217	STL	\$4,511,413	\$4,466,697	\$5,955,595
Jackson County	CON	Meridian Road & Bunkerhill Road	Single Course Chip Seal	\$94,000	STL	\$75,200	\$75,200	\$94,000
Jackson County	CON	Onondaga Road and Woodard Road	Single Course Chip Seal	\$94,000	STL	\$75,200	\$75,200	\$94,000
Jackson County	CON	Rives Junction Road	Single Course Chip Seal	\$94,000	STL	\$75,200	\$75,200	\$94,000
Jackson County	CON	Cement City Road, Brooklyn Road, Race Road	Single Course Chip Seal	\$94,000	STL	\$75,200	\$75,200	\$94,000
Transit								
Jackson Area Transportation Authority	NI	Transit Operating	Operating Assistance	\$74,170	5311	\$34,568	\$34,568	\$37,085
Jackson Area Transportation Authority	NI	Transit Capital	Replacing Fencing/Gates	\$154,506	5339	\$123,605	\$123,605	\$30,901
Jackson Area Transportation Authority	NI	2350 E High St	FY 2019 Section 5307 Capital	\$16,137	5307	\$12,910	\$12,910	\$3,227
Jackson Area Transportation Authority	NI	FY 2019 Transit Operating	FY 2019 Federal and State Operating Assistance	\$2,756,704	5307	\$1,278,045	\$1,278,045	\$1,478,659
State								
MDOT	CON	M-60	Resurfacing/Widening with Center Left Turn Lane	\$10,500,000	ST	\$8,594,250	\$9,048,789	\$11,403,301
MDOT	UTL	M-60 E	Bridge Replacement	\$475,265	IM	\$427,739	\$427,739	\$475,265
MDOT	CON	M-124	Single Course Mill & Resurface with Shoulder Paving	\$2,798,562	ST,TA	\$2,290,623	\$3,627,545	\$3,794,681
MDOT	CON	US-127	Micro-Surface, with Warranty	\$495,000	NH	\$405,158	\$434,178	\$530,456
MDOT	CON	US-127 N	Concrete Pavt Repair and Joint Sealing	\$2,291,439	NH,HIPS	\$1,875,543	\$1,944,865	\$2,376,133
MDOT	CON	M-60 W	HMA Crack Treatment using Fixed-Price, Variable Scope Method	\$357,001	ST	\$292,205	\$321,262	\$392,501
MDOT	CON	University Region Longitudinal Pavement Markings	Application of Longitudinal Pavement Markings	\$385,135	HSIP	\$346,622	\$2,548,942	\$2,832,158
MDOT	CON	University Region Special Pavement Markings	Application of Special Pavement Markings	\$1,250	HSIP	\$1,125	\$316,748	\$351,942
MDOT	CON	Regionwide	Pavement Marking Retroreflectivity Readings and Condition Assessment	\$2,060	HSIP	\$1,854	\$12,407	\$13,785
MDOT	PE	I-94 E	Install ITS Devices along I-94 throughout Jackson County	\$364,242	NH	\$298,132	\$298,132	\$364,242
MDOT	PE	US-127	Installation of Virtual Weigh Station (VWS) Cameras at Two Locations	\$12,450	NH	\$10,190	\$20,381	\$24,900
MDOT	CON	US-12	Traffic Signal Modernization	\$992,656	STG	\$992,656	\$2,185,782	\$2,433,578

Phases: CON - Construction, NI – Non-Infrastructure, PE – Preliminary Engineering, UTL - Utility

Federal Fund Source Code: STL - Surface Transportation Rural, STUL - Surface Transportation Urban Areas < 200K Local, MCS - Michigan Critical Structures, BO - Bridge Not Classified Off System, ST- Surface Transportation, IM - Interstate Maintenance No Added Lanes, TA - Transportation Alternatives, NH - National Highway, HIPS - Highway Infrastructure Program Small Urban Areas, HSIP - Highway Safety Improvement Program, STG - Surface Transportation 100% Federally Funded



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

February 10th, 2020

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

Dear Mr. Duke:

This letter is sent by the Michigan Department of Transportation (MDOT) to inform the Jackson Area Comprehensive Transportation Study committees of several TIP amendments to the FY 2020-2023 Transportation Improvement Plan (TIP).

<u>Fiscal Year</u>	<u>Job no.</u>	<u>Phase</u>	<u>Project Name</u>	<u>Limits</u>	<u>Length</u>	<u>Project Description</u>	<u>Federal Budget</u>	<u>Federal Fund Source</u>	<u>State Budget</u>	<u>Total Phase Cost</u>	<u>Amendment Type</u>
2020	208524	CON	I-94	I-94/US-127 North/West Avenue Interchange	2.794	Freeway Interchange Reconstruction	\$0		\$78,000,000 <u>State Fund Source</u> RBMP	\$78,000,000	Phase Add
2022	210047	CON	I-94	Jackson/Calhoun County Line to Michigan Avenue	4.905	Concrete inlay, concrete pavement repair, cable rail installation	\$28,800,000	IM	\$3,200,000	\$32,000,000	Phase Add
2020	209934	CON	Ganson Street	Ganson Street over the Grand River	0	Bridge Replacement	\$1,053,768	HIPB	\$240,390	\$1,317,210	Phase Add



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GOVERNOR

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DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

The following projects are to inform the Jackson Area Comprehensive Transportation Study committees of several administrative changes to projects in the FY 2020-2023 Transportation Improvement Plan (TIP).

<u>Fiscal Year</u>	<u>Job no.</u>	<u>Phase</u>	<u>Project Name</u>	<u>Limits</u>	<u>Length</u>	<u>Project Description</u>	<u>Federal Budget</u>	<u>Federal Fund Source</u>	<u>State Budget</u>	<u>Total Phase Cost</u>	<u>Administrative Reason</u>
2022	127621	CON	I-94	Michigan Ave to M-60	7.583	Reconstruction (road) and Bridge CPM on 6 structures	\$2,212,430	IM	\$86,523,082 <u>State Fund Source</u> RBMP	\$88,735,512	CON phase now using RBMP funding for road items. Added 6 structures for proposed bridge CPM work. These items will be funded using IM.



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2020	129153	CON	I-94	at Elm Road	1.367	Reconstruct interchange	\$20,219,063	IM	\$2,246,562	\$22,465,625	Adjusted CON phase budgets to get an increase in the CE budget that is 20% of the construction amount due to the Design/Build requirement
											Updated letting date to October 30, 2020 (special letting)



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2020	202121	CON	I-94 E	I-94 under Lansing Ave	0.464	bridge replacement and freeway reconstruct	\$10,256,545	IM	\$2,274,360	\$12,530,905	Adjusted CON phase budgets to get an increase in the CE budget that is 20% of the construction amount due to the Design/Build requirement
											Updated letting date to October 30, 2020 (special letting)



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2020	201001	CON	M-50	M-124 to Goose Creek	1.02	HMA cold milling and single course HMA overlay	\$777,902	ST	\$172,498	\$950,400	Due to ongoing STIP review and upcoming approval, letting date has been moved to April 3, 2020.
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Thank you for your attention to this request. If you have any questions or need additional information, please contact me at 517-750-0405

Sincerely,

Mike Davis, Transportation Planner

Mark Kloha, Transportation Planner

JACTS

Nonmotorized Design & Construction Guide Review Series

February 2020

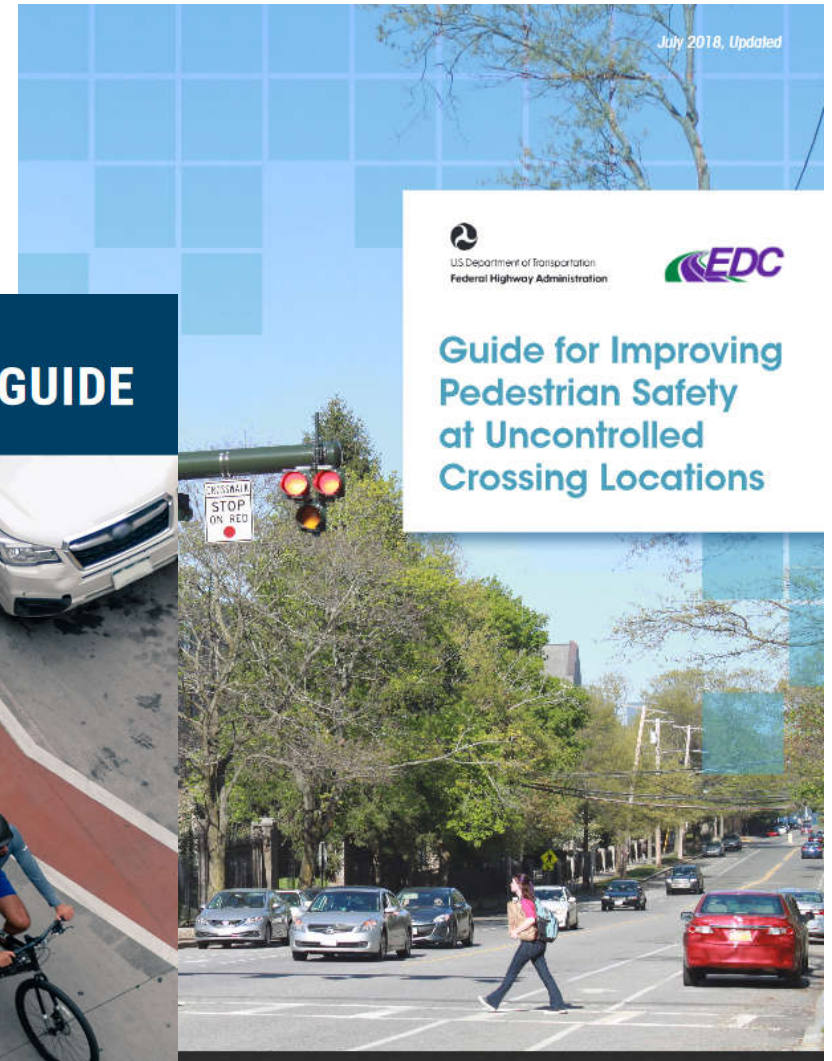
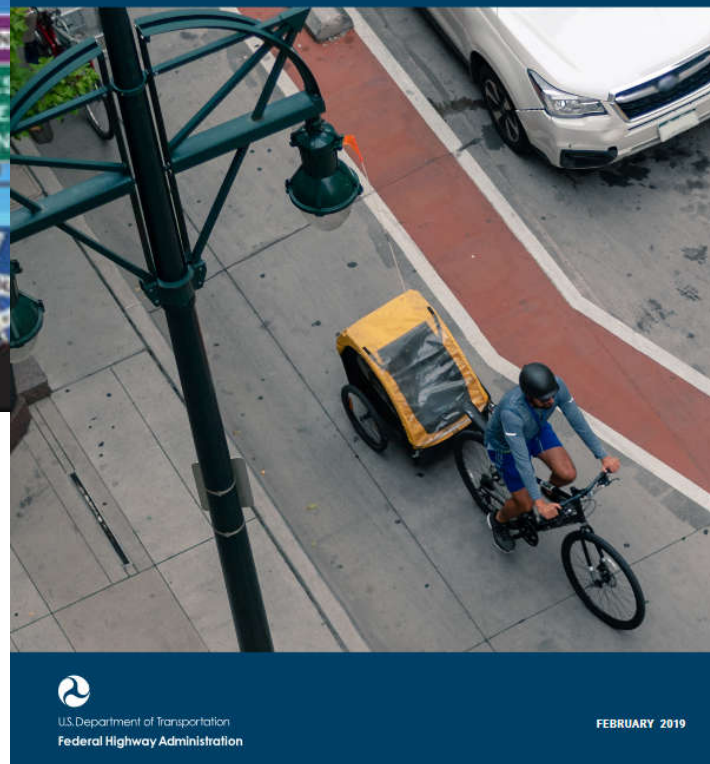
Why This Series Now?

- Jackson City + County Nonmotorized Plan near completion
- MDOT supports use of guides
- Allow JACTS members to review & discuss current state and federal guidelines, information, research, trends for nonmotorized facilities

FHWA Guides



BIKEWAY SELECTION GUIDE



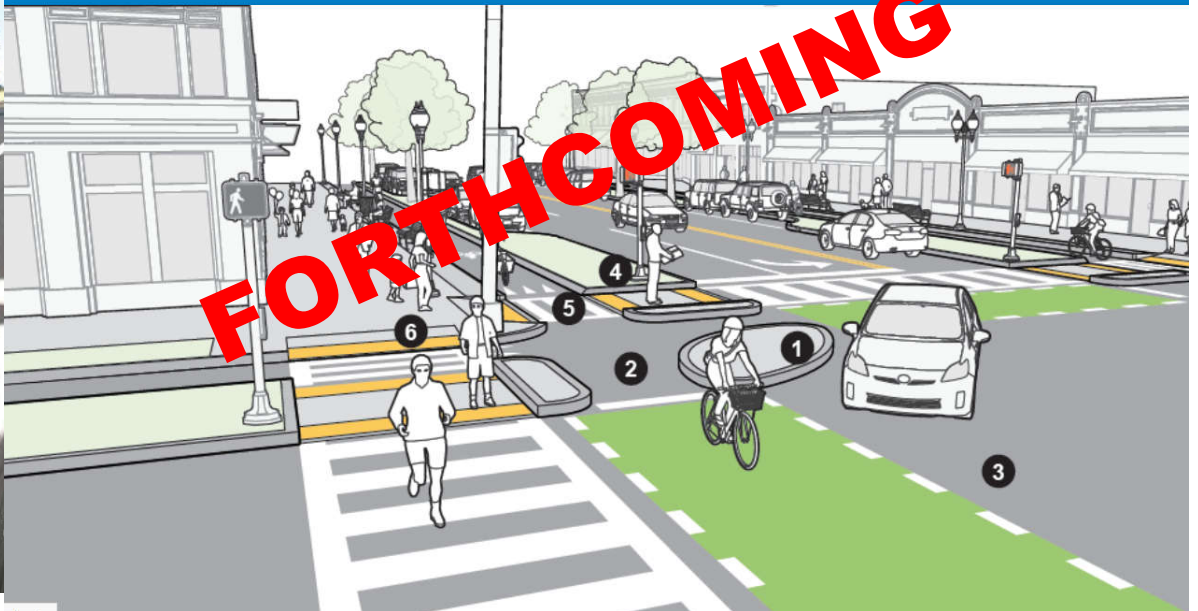
AASHTO Guide

Guide for the Development of Bicycle Facilities

2012 • Fourth Edition



2018 AASHTO BIKE GUIDE



MDOT Guide

Sidepath Intersection & Crossing Treatment Guide

MICHIGAN DEPARTMENT OF TRANSPORTATION

June 2018

Prepared by:

 **Toole**DesignGroup

Speed management

Intersection speed management is possible using a range of treatments from ROW clarification to vertical deflection. The 2016 FHWA document *Achieving Multimodal Networks: Applying Design Flexibility and Reducing Conflicts* provides important guidance toward applying speed management principles. The guide indicates that raised intersections and raised crosswalks can be used on arterial streets. Using this guidance and associated design principles, treatments that minimize crash risk for bicyclists may also improve safety for motorists.

Implementing vertical deflection with a raised bicycle crossing is one method to manage vehicle speeds. The raised crossing requires motorists to “ramp up” to the sidepath. Exhibit 6 illustrates a raised crossing of a bikeway at a side street. **The vertical rise of the crossing can be constructed to attain a desired vehicle speed.** Lower motor vehicle speeds increase the likelihood that a motorist will yield to a bicyclist in the crossing.

At driveways, 5 mph may be an appropriate speed management target. At unsignalized intersections, 10-15 mph may be more appropriate to balance traffic flow while maintaining sidepath user safety. At signalized intersections, vertical deflection would typically be implemented across a low-volume minor approach or driveway. The prevailing motor vehicle speeds approaching the crossing should be considered in the construction of a raised crossing.

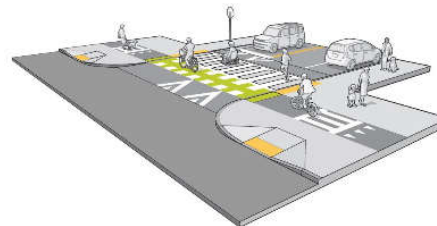
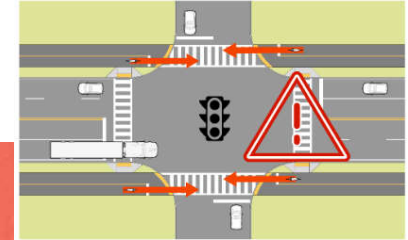


Exhibit 6: Raised crossing example

6

Crash Trend #4: Bicyclists riding through signalized intersections have a higher risk than at intersections with other types of traffic control



Intersection crash statistics illustrate that 51 percent of sidepath/sidewalk bicycle crashes occur at signalized intersections. Of the 51 percent of crashes, 61 percent involve right-turning vehicles and 15 percent involve left-turning vehicles.

By comparison, 31 percent and 10 percent of all intersection-related sidepath/sidewalk bicycle crashes occur at unsignalized intersections and driveways, respectively.

In most cases, signalized intersections can be assumed to have greater traffic volumes for all modes than unsignalized intersections, based on the necessity of the traffic signal. Higher traffic volumes at signalized intersections – the greater exposure inherent in these contexts – can increase the crash risk between a bicycle and motor vehicle.

Horizontal treatments can also be used to manage motor vehicle speeds. In the safety analysis of sidepaths/sidewalks, many of the recorded crashes occurred between bicyclists and turning motor vehicles. One approach to mitigating these conflicts is to decrease curb radii, which are often designed to accommodate heavy vehicles. In some situations, heavy vehicle traffic volumes may be low enough that the need for large curb radii is reduced. In lieu of reconstructing intersection corners, smaller radii may be created using cost-effective plastic delineators or retrofitted truck aprons. Exhibit 7 illustrates a truck apron that discourages high-speed turns for passenger cars but still allows truck movements.

 MDOT
Michigan Department of Transportation

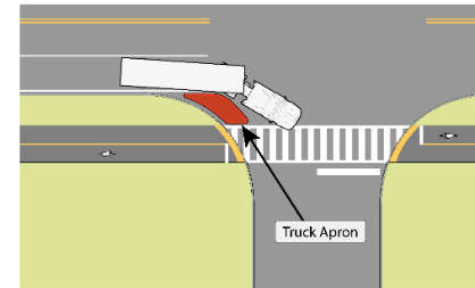
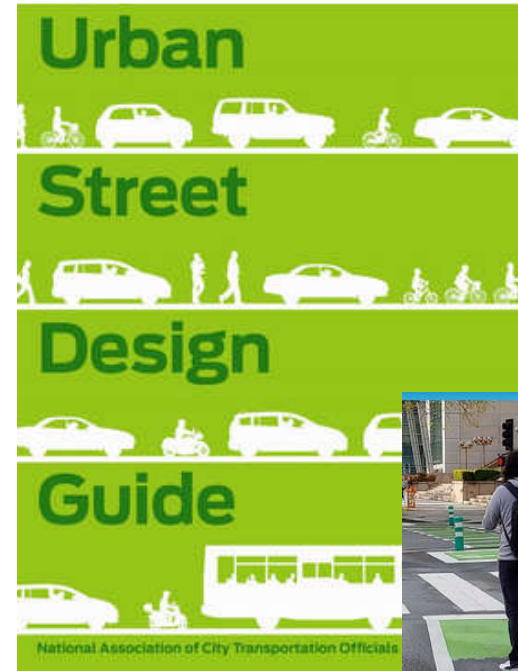
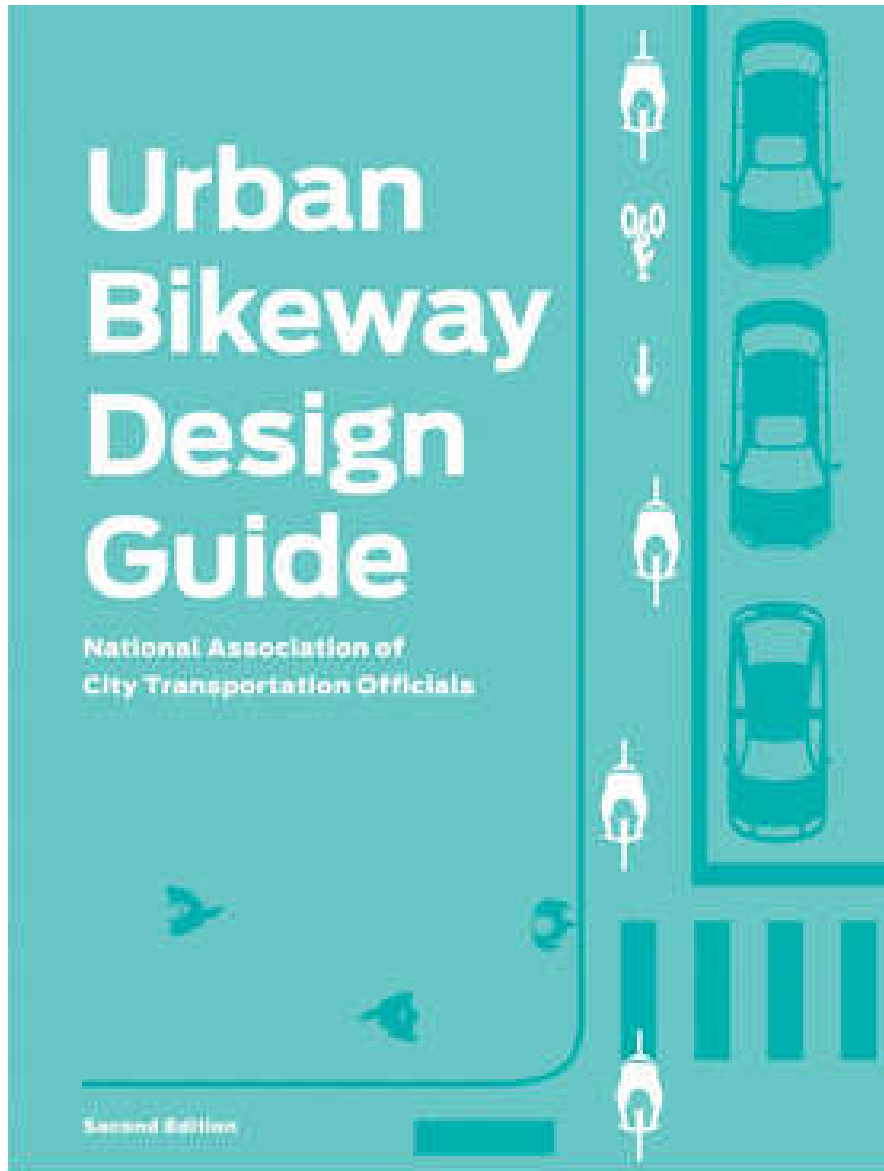


Exhibit 7: Truck apron example design treatment

 MDOT
Michigan Department of Transportation

Region 2
Planning Commission

NACTO Guides



Your Thoughts

- What's your department's facility selection/design/construction/installation process?
- What would you find helpful to learn?
- What would you hope to gain from this opportunity?