

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

*Wednesday, May 17, 2023 / 9:30 AM
Jackson City Hall / 10th Floor / 161 W. Michigan Ave., Jackson, MI 49201*

AGENDA

1. Call to Order
2. Public Comment
3. Approve Minutes of the Technical Advisory Committee Meeting of April 19, 2023, and Receive the Minutes of the Policy Committee Meeting of April 20, 2023 (see enclosures) – **ACTION**
4. Agency Status Reports – **DISCUSSION**
 - City of Jackson (enclosed)
 - Jackson Area Transportation Authority (enclosed)
 - Jackson County Department of Transportation (enclosed)
 - Michigan Department of Transportation (enclosed)
 - Jackson County Airport-Reynolds Field (not provided)
 - Enterprise Group (<http://www.enterprisegroup.org>)
5. Approval of Amendments to the JACTS FY 2023–2026 Transportation Improvement Program (TIP) (see enclosure) – **ACTION**
 - Michigan Department of Transportation
6. Approval of the Urban Transportation FY 2024 Unified Work Plan (see enclosure) – **ACTION**
7. Other Business
8. Public Comment
9. Adjournment

MINUTES

JACTS TECHNICAL ADVISORY COMMITTEE

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

Wednesday, April 19, 2023

Present: Charlie Briner, JCDOT
Jim Cole, JCDOT
Jon Dowling, City of Jackson
Mark Kloha, MDOT – Lansing
Alex Masten, The Enterprise Group
Patrick O'Dowd, JATA
Andrea Strach, MDOT – University Region
Bret Taylor, JCDOT
Troy White, City of Jackson – Engineering
Kelby Wallace, MDOT – Jackson TSC

Staff Present: Jacob Hurt, Region 2 Planning Commission
Jill Liogghio, Region 2 Planning Commission
Zack Smith, Region 2 Planning Commission

ITEM 1 **CALL TO ORDER**

Vice-Chair Dowling called the meeting to order at 9:31 a.m.

ITEM 2 **PUBLIC COMMENT**

No public comments were received.

ITEM 3 **APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF MARCH 15, 2023 AND RECEIVE THE POLICY COMMITTEE MINUTES OF MARCH 16, 2023**

A motion was made by Mr. Taylor, supported by Mr. Cole, to approve the Technical Advisory Committee meeting minutes of March 15, 2023, and receive the Policy Committee meeting minutes of March 16, 2023, as presented. The motion carried unanimously.

ITEM 4 **AGENCY STATUS REPORTS**

Project status updates were presented by the City of Jackson, JATA, Jackson County Department of Transportation, and Michigan Department of Transportation.

ITEM 5**APPROVAL OF AMENDMENTS TO THE JACTS FY 2023-2026
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the City of Jackson:

FY	Job #	Name	Description	Funding	Action
2023	215209	Ganson St. Bridge over Grand River	Design work for upcoming bridge replacement as part of Bridge Bundling Program	HIP Grant \$10,000	Add

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Jackson Area Transportation Authority:

FY	Job #	Name	Limits	Description	Funding	Funding Source
2023	216555	Section 5339 – Bus and Bus Facilities	Countywide	FY – Safety	\$16,945 Federal \$ 4,236 State Total: \$21,181	Federal 5339 State CTF

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Jackson County Department of Transportation:

FY	Job #	Name	Limits	Description	Funding	Action
2024	217935	Countywide Signal Backplates Installation	Countywide Various Signalized and Flashing Beacon Locations	Signal Backplate Installation	\$113,118.16 HRRR <u>\$ 12,568.68 Local</u> Total: \$125,686.84	Add
2024	217971	Michigan Ave.; Seymour Rd.; Wolf Lake Rd.; Fay Lake Rd.; Tree Removals	Michigan Ave., from M-99 to Callahan Rd.; Seymour Rd., from Welch Lake Rd. to Mt. Hope Rd.; Wolf Lake Rd.; from Orban Rd. to Phall Rd.; Fay Lake Rd., from Horning Rd. to Austin Rd.	Tree removal, sign replacement, pavement markings	\$527,171.31 HRRR <u>\$585,574.59 Local</u> Total: \$585,745.90	Add
2024	218036	W. Michigan Ave. and McCain Rd. Tree Removals	W. Michigan Ave. from Sandstone Rd. to Blackman Rd.; McCain Rd. from S. Parma Road to Dearing Rd.	Tree removal, guardrail upgrades, sign replacement, pavement markings	\$360,616.74 HRRR <u>\$ 58,574.59 Local</u> Total: \$40,068.53	Add
2024	218025	Mumble Strips on Moscow, Norvell, and Springport Rds.	Moscow Rd., from Masker Rd. to M-60; Norvell Rd.	Install Centerline and Edgeline Mumble Strips	\$374,262.19 HSIP <u>\$ 41,584.69 Local</u> Total: \$415,846.88	Add

			from Sharon Valley to E. Michigan Ave.; Springport Rd., from County Farm Rd. to Blackman Rd.	and durable pavement markings.		
2024	218038	Napoleon and Western Schools RSA	Napoleon and Western Schools	Road Safety Audit	\$16,000 HSIP <u>\$ 4,000 Local</u> Total: \$20,000	Add
2024	211703	Springbrook Rd. and Horton Rd.	Intersection	Construct Compact Roundabout	\$265,918 HRRR <u>\$29,546 Local</u> Total: \$295,464	Move to FY 2024

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Michigan Department of Transportation:

FY	Job #	Name	Limits	Description	Funding	Action
2023	207373*	Regionwide	All trunkline routes of Region 2 MPO	Special pavement marking application on trunklines in University Region	\$70,362 HSIP <u>\$ 7,848 State</u> Total: \$78,480 in Region 2 (\$545,000 total phase)	Delete
2026	218723	Regionwide	Various Locations-University Region	Recessing of special markings at intersections	\$18,000 HSIP <u>\$ 2,000 State</u> Total: \$20,000	Add
2026	218706	M-49 (U.S. 127 NB ramp to WB I-94)	US-127 NB ramp to WB I-94	Install radar activated curve warning system	\$46,858 HSIP <u>\$ 5,206 State</u> Total: \$52,064 in Region 2 (\$104,128 total phase)	Add

A motion was made by Mr. Taylor, supported by Mr. White, to approve the amendments to the JACTS FY 2023-2026 TIP as presented. The motion carried unanimously.

ITEM 6 **OTHER BUSINESS**

Ms. Strach mentioned that this week was Work Zone Safety Week, drawing attention to driving safely in work zones. Click on the link below to read more about this.

<https://content.govdelivery.com/accounts/MIDOT/bulletins/3547ca8>

Ms. Strach also wanted to pass on the following information regarding the 2023-2026 Michigan Strategic Highway Safety Plan. Click on the link below to read more.

<https://content.govdelivery.com/accounts/MIDOT/bulletins/3536a12>

Mr. Kloha, MDOT, reminded staff that the UWP would need to go through the May JACTS TAC and Policy meetings, for approval by Region 2 Planning Commission at the June meeting.

ITEM 7 **PUBLIC COMMENT**

No public comment was received.

ITEM 8 **ADJOURNMENT**

There being no further business, Vice-Chair Dowling adjourned the meeting at 9:58 a.m.

Staff
Region 2 Planning Commission

MINUTES

JACTS POLICY COMMITTEE

Jackson County Tower Bldg.
120 W. Michigan Ave. – 5th Floor
Jackson, MI 49201

Thursday, April 20, 2023

Present: Keith Acker, Sandstone Township
Tony Bair, Region 2 Planning Commission
Charlie Briner, JCDOT
Jon Dowling, JACTS TAC
John Feldvary, Jackson County Airport
Jeff Franklin, MDOT – Lansing
Jonathan Greene, City of Jackson
Pete Jancek, Blackman Township
Angela Kline, JACTS TAC
Mike Overton, JCDOT
Laura Schlecte, City of Jackson
Jim Shotwell, Jackson County Board of Commissioners
Bret Taylor, JCDOT
Mike Trudell, Summit Township
Kelby Wallace, MDOT – Jackson TSC

Public Present: Tina Beagle

Staff Present: Jacob Hurt, Region 2 Planning Commission
Jill Liogghio, Region 2 Planning Commission

ITEM 1 CALL TO ORDER

Chair Shotwell called the meeting to order at 8:01 a.m.

ITEM 2 PUBLIC COMMENT

No public comments were received.

ITEM 3 APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF MARCH 16, 2023 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MINUTES OF MARCH 15, 2023

A motion was made by Mr. Jancek, supported by Ms. Schlecte, to approve the Policy Committee meeting minutes of March 16, 2023, and receive the Technical Advisory Committee meeting minutes of March 15, 2023, as presented. The motion carried unanimously.

ITEM 4 AGENCY STATUS REPORTS

Project status updates were presented by the City of Jackson, Jackson County Department of Transportation, Jackson County Airport, and Michigan Department of Transportation.

ITEM 5**APPROVAL OF AMENDMENTS TO THE JACTS FY 2023-2026
TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the City of Jackson:

FY	Job #	Name	Description	Funding	Action
2023	215209	Ganson St. Bridge over Grand River	Design work for upcoming bridge replacement as part of Bridge Bundling Program	HIP Grant \$10,000	Add

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Jackson Area Transportation Authority:

FY	Job #	Name	Limits	Description	Funding	Funding Source
2023	216555	Section 5339 – Bus and Bus Facilities	Countywide	FY – Safety	\$16,945 Federal \$ 4,236 State Total: \$21,181	Federal 5339 State CTF

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Jackson County Department of Transportation:

FY	Job #	Name	Limits	Description	Funding	Action
2024	217935	Countywide Signal Backplates Installation	Countywide Various Signalized and Flashing Beacon Locations	Signal Backplate Installation	\$113,118.16 HRRR <u>\$ 12,568.68 Local</u> Total: \$125,686.84	Add
2024	217971	Michigan Ave.; Seymour Rd.; Wolf Lake Rd.; Fay Lake Rd.; Tree Removals	Michigan Ave., from M-99 to Callahan Rd.; Seymour Rd., from Welch Lake Rd. to Mt. Hope Rd.; Wolf Lake Rd.; from Orban Rd. to Phall Rd.; Fay Lake Rd., from Horning Rd. to Austin Rd.	Tree removal, sign replacement, pavement markings	\$527,171.31 HRRR <u>\$585,574.59 Local</u> Total: \$585,745.90	Add
2024	218036	W. Michigan Ave. and McCain Rd. Tree Removals	W. Michigan Ave. from Sandstone Rd. to Blackman Rd.; McCain Rd. from S. Parma Road to Dearing Rd.	Tree removal, guardrail upgrades, sign replacement, pavement markings	\$360,616.74 HRRR <u>\$ 58,574.59 Local</u> Total: \$40,068.53	Add

2024	218025	Mumble Strips on Moscow, Norvell, and Springport Rds.	Moscow Rd., from Masker Rd. to M-60; Norvell Rd. from Sharon Valley to E. Michigan Ave.; Springport Rd., from County Farm Rd. to Blackman Rd.	Install Centerline and Edgeline Mumble Strips and durable pavement markings.	\$374,262.19 HSIP <u>\$ 41,584.69 Local</u> Total: \$415,846.88	Add
2024	218038	Napoleon and Western Schools RSA	Napoleon and Western Schools	Road Safety Audit	\$16,000 HSIP <u>\$ 4,000 Local</u> Total: \$20,000	Add
2024	211703	Springbrook Rd. and Horton Rd.	Intersection	Construct Compact Roundabout	\$265,918 HRRR <u>\$29,546 Local</u> Total: \$295,464	Move to FY 2024

The following amendments to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) were submitted by the Michigan Department of Transportation:

FY	Job #	Name	Limits	Description	Funding	Action
2023	207373*	Regionwide	All trunkline routes of Region 2 MPO	Special pavement marking application on trunklines in University Region	\$70,362 HSIP <u>\$ 7,848 State</u> Total: \$78,480 in Region 2 (\$545,000 total phase)	Delete
2026	218723	Regionwide	Various Locations- University Region	Recessing of special markings at intersections	\$18,000 HSIP <u>\$ 2,000 State</u> Total: \$20,000	Add
2026	218706	M-49 (U.S. 127 NB ramp to WB I-94)	US-127 NB ramp to WB I-94	Install radar activated curve warning system	\$46,858 HSIP <u>\$ 5,206 State</u> Total: \$52,064 in Region 2 (\$104,128 total phase)	Add

A motion was made by Ms. Schlechte, supported by Mr. Jancek, to approve the amendments to the JACTS FY 2023-2026 TIP as presented. The motion carried unanimously.

ITEM 6 **OTHER BUSINESS**

Mr. Jancek stated that storm drains plugged and ditches being filled in by homeowners.

ITEM 7 **PUBLIC COMMENT**

Tina Beagle needs help with the river on Parnall Road regarding the junk and Mr. Shotwell said to work with her township supervisor to get it cleaned up and also contacting G.R.E.A.T. She also asked if mumble strips would be on Parnall Road and if mowing twice per year is the standard.

ITEM 9 **ADJOURNMENT**

There being no further business, Chair Shotwell adjourned the meeting at 9:02 a.m.

Staff
Region 2 Planning Commission

TO: JACTS Technical Advisory and Policy Committees
DATE: May 9, 2023
FROM: Jon H. Dowling, P.E.
SUBJECT: TIP Project Status

2022

West Avenue Signals at Franklin, Washington and Morrell with Ganson and Elm Signal -
Reconstruct Signals on West Ave at Franklin and Morrell with Signal at Ganson and Elm.
Contractor is Wright Electric Co. **Contractor has installed all poles and is in process
of installing mast arms and signal heads. Having delays from AT&T.**

Greenwood Ave: Fourth St to Morrell St with Greenwood/Fourth & Fourth/Prospect Signals -
Mill and HMA Resurface on Greenwood with signal replacements at the intersections.
Contractor is Michigan Paving and Materials Co. **Contractor has installed all poles
and is in process of installing mast arms and signal heads. Fourth and Prospect
is complete. Having delays from AT&T at Fourth and Greenwood.**

Greenwood at High Signal: Signal replacement with new mast arm signal – HRC is the
consultant on the project. J Ranck Electric is the contractor. During the milder part of
January the contractor installed the underground conduits and the pole bases.

2023

Brown Street: Morrell to Michigan – Mill and repave, relocate curb and construct non-
motorized trail on east side. Spaulding DeDecker is the consultant on this project. **Anlaan
is proceeding between Franklin and Michigan with Curb and the Pathway.
Consumers Energy has their poles relocated as of May 5th still waiting on several
AT&T poles. Consumers Energy started May 8th on replacing their gas mains.**

Wildwood Avenue: West Ave to Steward – Mill and HMA Resurface. Spaulding DeDecker is
the consultant on this project. **Bailey Excavating is the low bidder at 9.52% over
engineers estimate.**

Wisner Street: Wildwood to Ganson – Mill and HMA Resurface. Spaulding DeDecker is the
consultant on this project. **Bailey Excavating is the low bidder at 9.52% over
engineers estimate.**

Crosswalk Enhancements at 5 Locations (HSIP) – Sidewalk ramps, LED bordered signs,
along non-motorized paths. HRC is the consultant on this project. **J Ranck Electric is
the low bidder at 12.54% over the engineers estimate. A justification letter has been
sent to MDOT to proceed with the award.**

North Street: Wisner to West Ave – Pavement Replacement. Spaulding DeDecker is the
consultant on the project. **NEPA and SHPO clearance is complete to allow a MDOT
July letting.**



2350 East High Street
Jackson, Michigan 49203-3490
517.787.8363

PROJECT REPORT **2023-2026 TIP**

May 2023

1. Vehicle Procurements

- a. We've taken delivery of 1 new Gillig bus with 2 additional buses scheduled for production and delivery in May.

2. Facility Upgrades

- a. We have sent an Invitation for Bid to replace the parking lot and sidewalk concrete at our Downtown Jackson Transfer Center. The invitation is posted on BidNet Direct and was sent directly to 66 Michigan based contractors.
- b. Our RFP - Request for Proposal – to replace all of the bus lifts in our maintenance facility is open and posted on BidNet Direct.
- c. The overhead door replacement project at our High St. facility is completed.



Jackson County

Department of Transportation

Angela N. Kline, PE, CPM
Managing Director / Director of Engineering & Technical Services

Keeping Our Community Safely in Motion...



Memorandum

Date: May 8, 2023

To: Ms. Jill Liogghio
Region 2 Planning Commission

From: Angela N. Kline, PE, CPM
Managing Director/Director of Engineering

RE: May JACTS Update

We would like to provide the following update regarding our projects that are on the Transportation Improvement Program (TIP) for FY 2022, 2023, and 2024.

Fiscal Year 2022

STUL (Urban) Federal Aid Projects

JN 207169 South Street Preventive Maintenance

Project will be constructed during the early summer by Michigan Paving & Materials.

JN 216632 Urban Pavement Markings

Project will be completed by PK Contracting during the summer.

STP Local (Rural) Federal Aid Projects

JN 215587 – Holibaugh Road

Lakeland Asphalt Construction has an August start date for construction.

U.S. Economic Development Administration (EDA) Grant Project

County Farm/Springport Corridor Improvements and Jackson Technology Park North Construction

- Work to widen County Farm Road has begun at the intersection of Ayrshire.
- Sewer force main work is complete and functioning.
- Sewer lateral installations across Ayrshire are continuing.
- Mead Brothers is continuing earthwork, storm sewer installation on the technology park.
- Mead Brothers began water main installation the week of April 10th.
- Currently waiting on Consumers to provide power for the flashing signal.

Weekly progress meetings are scheduled for every Monday at noon during the project.

HRRR & HSIP Funding – MDOT Safety Grant Projects

JN 210343 Compact Roundabout at South Dearing Road and McCain Road

JN 211855 Compact Roundabout at Springport Road and Rives Junction Road

Springport Road and Rives Junction Road work began May 1st. Completion anticipated in mid-June. South Dearing Road and McCain Road start date tentatively mid-June, after completion of the other roundabout. Tentative completion date mid-August.

JN 211779 Countywide Horizontal Curve Signing (West and Northeast) – CONSTRUCTION

JN 211851 Countywide LED Stop Signs

Work to begin after July 4th.

JN 211823 N. Concord Road Tree Removal

JN 211852 Moscow Road Tree Removal

JN 211853 Rives Junction Road Tree Removal

Sign replacement, guardrail upgrades, and pavement markings will be placed later this summer.

JN 213736 Edgeline Pavement Markings

Construction will take place in summer 2023.

JN 213875 N. Stony Lake Road, Seymour Road, and Race Road Tree Removal

Sign replacement, guardrail upgrades, and pavement markings will be placed later this summer.

JN 214462 Countywide Horizontal Curve Signing (Southeast)

JN 214463 Countywide LED Stop Signs

JN 214464 Countywide High Friction Surface Treatment and LED Stop Signs

Work to begin after July 4th.

Fiscal Year 2023

HRRR & HSIP Funding – MDOT Safety Grant Projects

JN 213879 Dearing Road and Jefferson Tree Removal

A GI Meeting was held for this project. Project will be let during the summer.

JN 213984 Springport Road and Minard Road Compact Roundabout

JCDOT is completing design for summer 2024 construction.

JN 214664 Airport Road at Wayland Drive/Meijer Drive Signal Modernization

GI meeting was held in April. Final documents being prepared for submission.

JN 214064 Horton Road (Ferguson Road to Weatherwax Drive) Road Safety Audit

JN 214065 Moscow Road Intersections Road Safety Audit

These RSAs will be completed this after projects receive obligation.

MDOT Local Bridge Program

JN 209883 S. Jackson Bridge Replacement

Project was in an April bid letting. Low bid was \$2,000,360.64, which was 34.37% over Engineer's estimate of \$1,488,704.75. Project to be in July or August bid letting, completion in November 2024.

STUL (Urban) Federal Aid Projects

JN 207167 Badgley Road

June bid letting with November 15th completion date.

JN 216635 Signal Modernization Project at Multiple Intersections

Intersections Include:

Lansing Avenue and Parnall Road

Badgley Road and Horton Road

McCain Road and Robinson Road

GI meeting was held in April. Final documents being prepared for submission.

STL (Rural) Federal Aid Project

2023 PM Project – Sharon Valley Road from Austin Road to Washtenaw County Line

June bid letting with November 15th completion date.

Fiscal Year 2024

HRRR & HSIP Funding – MDOT Safety Grant Projects

JN 211703 Compact Roundabout at Horton Road and Springbrook Road

The Michigan State Historic Office found that the project would have an adverse effect on the archeological sites that were found. JCDOT is currently working with the Michigan SHPO and MDOT to mitigate the adverse effects of the site so that the project can be constructed.

Transportation Alternatives Program (TAP) Grant – Shared-use Pathway Project

JN 210635 Mike Levine Lakelands Trail Extension

Alternate trail routes are currently being reevaluated to avoid property acquisition from private property owners.



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
JACKSON TRANSPORTATION SERVICE CENTER

BRADLEY C. WIEFERICH, P.E.
ACTING DIRECTOR

May 8, 2023

Construction:

I-94 at Elm Road, Lansing Ave. and West Ave (US-127) also includes resurfacing on US-127 (I-94 to Parnall) – Nearly all the concrete paving on WB I-94 is completed near Elm Road. Shoulder widening and resurfacing is occurring on US-127 from Springport to Parnall. Work on the sidewalk along the west side of West Ave is progressing. Work is also underway on Seymour Road.

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 – (2022-2025 construction). Traffic is scheduled to be switched in a split merge configuration near May 8th to allow work to begin rebuilding westbound I-94 from M-60 to Michigan Ave. Resurfacing work will continue from Michigan Ave to the Calhoun County line.

US-127 bridges over M-50/Railroad (just north of McDevitt) – Deck replacement and superstructure repairs. US-127 is down to one lane in each direction. Beams have been repaired and reinstalled on the SB structure. The new bridge deck should be poured in May and traffic should be shifted back to normal near July.

Railroad bridges over Jackson Street and Mechanic Street in downtown Jackson – Bridge replacements. Work started near March 1st and Mechanic Street will be closed until the fall. The track shutdown and bridge deck replacement is scheduled for August on both bridges. Jackson Street will remain open with intermittent closures until the track shutdown. Blackstone Road is closed at the railroad crossing for rebuilding.

Signing upgrade on M-106 (Cooper St) M-50, I-94 BL (E. Michigan Ave), M-124 – Work is underway and will continue through 2023.

I-94 Westbound from Mt. Hope Road to Washtenaw County line – Capital preventative maintenance resurfacing. Work is underway and being done at night.

M-50 from Valley Farm Road to Lincoln Road – Shoulder paving. Work will occur summer 2023.

Cooper (M-50/US-127BR) over abandon RR, north of High and south of Morrell – Preventative maintenance bridge repairs. 2024 construction.

Traffic signal modernization on Cooper Street and MLK (Washington, Glick, Ganson, Leroy, Parnall, South, Morrell, & High. MLK at Ganson.) – (Late 2023 construction).

Design:

Cooper Street (M-106) bridge replacement in downtown Jackson south of train station and Louis Glick (I-94BL) deck replacement near Mechanic Street – (2024/2025 Construction).

US-127 Freeway Signing Upgrade (I-94 to Ingham County Line and M-50 to I-94) – (2025 Construction).



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
JACKSON TRANSPORTATION SERVICE CENTER

BRADLEY C. WIEFERICH, P.E.
ACTING DIRECTOR

I-94 BL/E. Michigan Ave (Dwight to US-127) – Reconstruction (future construction).

US-127 (Henry to near Ingham Co Line) – Maintenance resurfacing (future construction).

I-94 at Airport Road interchange – Operational study to review alternatives (future construction).



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

BRAD WEIFERICH
ACTING DIRECTOR

May 5, 2023

Jacob Hurt
Executive Director
Region 2 Planning Commission
120 W. Michigan Avenue, 9th Floor
Jackson, Michigan 49201

Dear Director Hurt:

This letter is sent by the Michigan Department of Transportation (MDOT) to inform the Jackson Area Comprehensive Transportation Study committee of a Transportation Improvement Plan (TIP) amendment to the FY 2023-2026 TIP.

Proposed TIP Amendment:

- 1) The project budget has more than doubled for a traffic and safety sign project (JN 209481) on US-127 S in FY 2025, triggering a federal amendment.

Please see the next page for details.

Thank you for your attention to this request. If you have any questions or need additional information, please contact me at (947) 233-8562.

Sincerely,
Andrea Strach, Transportation Planner

MICHIGAN DEPARTMENT OF TRANSPORTATION PROPOSED TRANSPORTATION IMPROVEMENT AMENDMENT (MAU 2023)

	Fiscal Year	Job no.	Phase	County	Project Name	Limits	Length	Primary Work Type	Project Description	Federal Budget	Federal Fund Source	State Budget	Total Phase Cost	Amendment Type
1	2025	209481	CON	Jackson	US-127 S	US-127 from I-94 to M-50	6.86	Traffic Safety	Freeway Signing Upgrades	\$2,242,500	NHG	\$0	\$993,531 \$2,482,500	Budget

FY 2024 Urban Transportation Planning Unified Work Program

JACTS

Jackson Area Comprehensive Transportation Study

The preparation of this report was financed by funds provided by the Federal Highway Administration and Member Units of Government of the Region 2 Planning Commission. The contents of this document reflect the views of the Region 2 Planning Commission, who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official view or policies of the aforementioned governments, departments, or entities. This document does not constitute a standard, specification, or regulation.

Prepared under the direction of:

Jacob Hurt, Executive Director
Region 2 Planning Commission
Jackson County Tower Building
120 W. Michigan Avenue, 9th Floor
Jackson, MI 49201

Region 2
PLANNING COMMISSION
Serving Hillsdale, Jackson & Lenawee Counties

October 1, 2023 – September 30, 2024

JACKSON AREA COMPREHENSIVE TRANSPORTATION STUDY

POLICY COMMITTEE

Voting Members

Keith Acker
 Tony Bair
 John Feldvary
 Dan Gallagher
 Jonathan Greene
 David Herlein
 Pete Jancek (Vice-Chair)
 Angela Kline
 Howard Linnabary
 Jeff Franklin
 Patrick O'Dowd
 Mike Overton
 Laura Schlechte
 James E. Shotwell (Chair)
 Mike Trudell

Representing

Sandstone Township
 Region 2 Planning Commission
 Jackson County Airport Board
 Napoleon Township
 City of Jackson
 Spring Arbor Township
 Blackman Charter Township
 JACTS Technical Advisory Committee
 Leoni Township
 Michigan Department of Transportation
 Jackson Area Transportation Authority Board
 Jackson County Department of Transportation
 City of Jackson
 Jackson County Commission
 Summit Township

TECHNICAL ADVISORY COMMITTEE

Voting Members

Patrick O'Dowd
 Charlie Briner
 Jim Cole
 Jon Dowling (Vice-Chair)
 Jacob Hurt
 Jonathan Greene
 Angela Kline (Chair)
 Mark Kloha
 Alex Masten
 Andy Pickard (Ex-Officio)
 Bret Taylor
 Jack Ripstra
 Andrea Strach
 Troy White
 Juan Zapata

Representing

Jackson Area Transportation Authority
 Jackson County Department of Transportation
 Jackson County Department of Transportation
 City of Jackson - Engineering Department
 Region 2 Planning Commission
 City of Jackson – City Manager
 Jackson County Department of Transportation
 Michigan Department of Transportation
 The Enterprise Group of Jackson
 Federal Highway Administration
 Jackson County Department of Transportation
 Blackman Charter Township
 MDOT - University Region
 City of Jackson – Engineering Department
 Jackson County Airport / Reynolds Field

REGION 2 PLANNING COMMISSION STAFF

Jacob Hurt	Executive Director
Brett Gatz	Planner
Zack Smith	Planner
Jill Liogghio	Executive Secretary
Jim Latham	Accountant

TABLE OF CONTENTS

I.	Purpose	4
II.	Summary of Program Activities	11
III.	Program Staffing and Funding	13
IV.	FY 2024 Project Descriptions	14
	1) Database Management:	
	• Asset Management.....	14
	• Data Monitoring and Reporting.....	19
	• Transportation Data Management System	21
	2) Long Range Planning:	
	• Long Range Transportation Plan.....	24
	• Complete Streets Planning.....	29
	3) Short Range Planning:	
	• TSM Technical Assistance	30
	• TSM Corridor Studies.....	34
	4) Program Management:	
	• Transportation Planning Coordination	35
	• Transportation Improvement Program.....	38
	• Program Management.....	41
	• Unified Work Program	43

TABLES

Table 1	FY 2024 Transportation Work Program Summary Budget by Program Activity	44
Table 2	FY 2024 Transportation Work Program Staff Requirements and Use	45
Table 3	FY 2024 Statement of Total Costs Simplified Allocation Method, Provisional Indirect.....	46

APPENDICES

Appendix A	Certificate of Indirect Costs	47
Appendix B	Certificate Regarding Lobbying	48

PURPOSE

Every metropolitan area with a population greater than 50,000, as a condition of the receipt of federal highway and transit funding, is required to have a transportation planning process. Required by this process is the development of a Long-Range Transportation Plan (LRTP), a short-range transportation plan [referred to as a Transportation Improvement Program (TIP)] and a Unified Work Program (UWP). The UWP includes other planning and project development activities to address transportation issues in the study area. Additionally, the Region 2 Planning Commission is required to adhere to a Continuing, Cooperative, and Comprehensive (3C) process to be eligible for Federal transportation funds.

The Fiscal Year (FY) 2024 UWP outlines all of the transportation planning activities and supporting activities that the Jackson Area Comprehensive Transportation Study (JACTS) anticipates to carry out between October 1, 2023 and September 30, 2024. In order for JACTS to receive federal funding for transportation planning activities, it must develop the UWP on an annual basis.

PERFORMANCE-BASED PLANNING AND PROGRAMMING (PBPP)

In 2012, the Federal government passed the Moving Ahead for Progress in the 21st Century (MAP-21) Act, which established a framework to link performance management with decision-making as it relates to federally-funded transportation improvements. MAP-21, which was supplemented by the FAST Act in 2015 and later by the IIJA in 2021, requires state Department of Transportations (DOTs) and Metropolitan Planning Organizations (MPOs) to conduct Performance-Based Planning and Programming (PBPP). The objective of PBPP is to invest resources in projects that help achieve the following seven national goals (23 CFR 490 or [23 USC 150(b)] :

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

6. On-Road Mobile Source Emissions
7. Freight Movement – on the Interstate System

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

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

As the nation develops performance measures and targets, MDOT and the MPOs will work cooperatively to set the targets and implement performance-based planning (PBPP) prior to federally designated deadlines. Examples of implementation may include:

- Staying engaged in national and Michigan initiatives discussions and providing comments during comment periods
- Participate in national and Michigan PBPP training opportunities
- Incorporate PBPP measures and targets into goals and objectives
- Incorporate expected benefit of projects in TIPs and LRTPs and identify how they will contribute to accomplishing performance measures
- Inventorying data and identifying data needs
- Complete and/or revisit PBPP Self-Assessment
- Implement the PBPP Peer Exchange Action Plan:

MPOs will work cooperatively and collaboratively with MDOT and the Statewide Congestion Management Group (SCMG) to provide information that they perform for congestion analysis; provide timely feedback on products and processes developed as part of the SCMG;

work with MDOT in the review of draft proposed rules for System Performance when they become available to provide comments and feedback on the processes; and, to work with MDOT in the development of a pavement condition performance measure target for the NHS.

As in previous JACTS UWPs, public participation remains a hallmark of the transportation planning process. Requirements for the JACTS Long Range Transportation Plan (LRTP) and the short-term transportation improvement program (TIP) continue. The JACTS 2045 Long Range Transportation Plan was adopted in June 2018, and addressed the performance measures and targets approved to date by the State of Michigan and JACTS. In FY 2022, JACTS developed and adopted the FY 2023-2026 TIP, developed to continue progress toward addressing established performance targets and include a description of the anticipated achievements.

As specified in the IJJA, JACTS staff shall provide for consideration of projects and tasks in the FY 2024 UWP that address the following planning factors:

- Increase the safety and security of the transportation system for motorized and non-motorized users;
- Increase the accessibility and mobility options available to people and freight;
- Emphasize the preservation of the existing transportation system;
- Protect and enhance the environment, promote energy conservation, improve quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Promote efficient system management and operation;
- Encourage the public to become involved in the planning and development of transportation facilities and services;
- Improve the resiliency and reliability of the transportation system and reduce or mitigate storm water impacts of surface transportation; and
- Enhance travel and tourism.

Finally, in developing the FY 2024 UWP, staff will strive to accomplish the following:

- Prevent a duplication of efforts;
- Incorporate public involvement;
- Maintain and encourage intergovernmental coordination;
- Improve and maintain the MPO/MDOT relationship;
- Encourage intermodal planning and coordination; and
- Incorporate these activities into long-range comprehensive planning.

URBAN AREA REVIEW

After the U.S. Census Bureau releases the 2020 Urban Area data, MDOT staff will prepare informational materials and meet with each MPO in the state. These meetings will consist of member agencies reviewing the urban area boundaries created by the U.S. Census Bureau. The boundaries will be smoothed and adjusted to identify urban roads for transportation planning purposes. The proposed adjustments to the U.S. Census Urban Areas will then be submitted to FHWA for approval. The final result will be an Adjusted Census Urbanized Boundary or "ACUB."

PLANNING EMPHASIS AREAS (PEAs)

On December 31, 2021, the Federal Highway Administration's (FHWA) and the Federal Transit Administration's (FTA) Offices of Planning jointly issued updated Planning Emphasis Areas (PEAs). The PEAs are areas that FHWA and FTA field offices should emphasize when meeting with MPOs, State Department of Transportations, Public Transportation agencies and Federal Land Management Agency counterparts to identify and develop tasks associated with the Unified Work Program (UWP). PEAs also serve as specific areas that R2PC shall integrate into the ongoing 3C planning work in Jackson County. Additionally, the Michigan Department of Transportation (MDOT) has also established its own PEAs, which are outlined below. R2PC will work to implement the FHWA/FTA and MDOT PEAs to the best of its abilities:

Federal Highway Administration / Federal Transit Administration PEAs**1. Tackling the Climate Crisis – Transition to a Clean Energy Resilient Future:**

To ensure that an MPOs transportation plans and infrastructure investments help achieve the national greenhouse gas reduction goals of 50-52 percent below 2005 levels by 2030, and net-zero emissions by 2050, and increase resilience to extreme weather events and other disasters resulting from the increasing effects of climate change.

2. Equity and Justice⁴⁰ in Transportation Planning:

To advance racial equity and support for underserved and disadvantaged communities in order to ensure that plans, strategies, and public involvement in the planning process reflect various perspectives, concerns, and priorities from impacted areas.

3. Complete Streets:

To assist MPOs plan, develop, and operate streets and networks that prioritize safety, comfort, and access to destinations for people who use the street network, including pedestrians, bicyclists, transit riders, micro-mobility users, freight delivery services, and motorists.

4. Public Involvement:

To encourage MPOs to increase meaningful public involvement in transportation planning by integrating Virtual Public Involvement (VPI) tools into the overall public involvement approach while ensuring continued public participation by individuals without access to computers and mobile devices.

5. Strategic Highway Network (STRAHNET)/U.S. Department of Defense (DOD) Coordination:

To encourage MPOs to coordinate with representatives from the DOD in the transportation planning and project programming process on infrastructure and connectivity needs for the Strategic Highway Network (STRAHNET) routes and other public roads that connect to DOD facilities.

6. Federal Land Management Agency (FLMA) Coordination

To encourage MPOs to coordinate with FLMA's in the transportation planning and project programming process on infrastructure and connectivity needs related to access routes and other public roads and transportation services that connect to Federal lands.

7. Planning and Environment Linkages (PEL)

To encourage MPOs to implement PEL as part of the transportation planning and environmental review processes. PEL is a collaborative and integrated approach to transportation decision-making that considers environmental, community, and economic goals early in the transportation planning process, and uses the information, analysis, and products developed during planning to inform the environmental review process.

8. Data in Transportation Planning

To encourage MPOs to incorporate data sharing and consideration into the transportation planning process, as data assets have value across multiple programs.

Michigan Department of Transportation PEAs

1. Maintenance of the new FY2023-2026 TIP

- Incorporation of performance-based planning in project selection
- Four years of projects listed in TIP (for each MPO program areas)
- Correct utilization of GPAs, in alignment with the guidance document (should the MPO utilize GPAs)

2. Continued involvement and feedback in JobNet application enhancements
3. Continue to ensure transit projects are accurately shown in the TIP and fiscally constrained, through coordination with local transit agencies and MDOT Office of Passenger Transportation.
4. Clear identification in the UPWP of the utilization of a minimum of 2.5% of PL funds on specified planning activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities.
5. As needed, continue to review, evaluate, and update public participation plan (PPP) including consideration of virtual options for public participation.
6. Ensure compliance with Transportation Performance Measures (TPM) requirements, including working with MDOT on data needed to identify how MPO is working to meet adopted targets.
7. Enhanced Long Range Plan Coordination between MDOT and MPOs
 - Increased coordination and collaboration between MTPs and the SLRTP.
 - Discussion of the next series of MTPs and travel demand models being adopted in the next few years. Several MPOs have MTPs that will need to be adopted between November 2026 and June 2028.
 - SUTA would like to work with MPOs during the FY2024 program to review, approve base year socio-economic data for the models, review in road/transit network updates, etc. and have all these attributes ready for CY2025, when many of these models will begin development.
 - MDOT is working to re-develop the long range planning 101 course, taught originally in 2014, and updated in 2017. More to come on this, fall of 2023 is targeted.
8. Continue to focus on partnerships utilizing a continuing, cooperative, and comprehensive (3C) approach to transportation planning.

SUMMARY OF PROGRAM ACTIVITIES

The FY 2024 UWP for the Jackson County metropolitan area outlines the transportation planning program activities of JACTS and identifies how the federal, state, and local planning funds will be used to address mandated planning requirements and local issues and priorities. The JACTS UWP contains four (4) major work categories: Database Management, Long Range Planning, Short Range Planning, and Program Management.

In FY 2024, the Region 2 Planning Commission (R2PC), as the state-designated Metropolitan Planning Organization (MPO) for the Jackson urbanized area, will continue to maintain the transportation database and develop improved analytical capabilities for the preparation of transportation planning documents, including the examination of the impact of land use changes on those agencies responsible for transportation.

As with the prior JACTS UWPs, public participation and emphasizing the requirements of Environmental Justice continue to be major components in this year's work program in order to address any concerns about inequities in the distribution of adverse impacts of road and transit projects and the planning process used to develop the projects. Staff will also focus on improving agency consultation efforts and public participation activities. The R2PC website allows JACTS to increase the visibility and availability of committee activities as well as offering the public an opportunity to review and comment on program and planning documents.

In addition, efforts will be made to determine if staff and the MPO are addressing program goals by incorporating performance measures and targets in the FY 2024 UWP. Initially, performance measures will be identified through the long range planning process. As these performance measures are refined, other products will begin utilizing similar measures. The implementation of performance measures will allow staff to gauge our efforts and successes.

In FY 2024, staff, in conjunction with local and state agencies, will complete the Jackson area's 2050 Long Range Transportation Plan. In FY 2022, staff developed the JACTS FY 2023-2026 Transportation Improvement Program (TIP). In FY 2024, staff will monitor, incorporate, and include additional performance targets as they are adopted into the current TIP and new LRTP.

The JACTS committees recognize the need to coordinate transportation planning activities and to identify the impact of improvements on the transportation system as well as other improvements that are proposed, both immediate and long term, which might be affected

by the projects selected for implementation in the TIP. The TIP approval process coordinates transportation planning activities and is used to avoid an incremental approach to transportation system improvements.

Other transportation issues to be addressed in the FY 2024 UWP include freight and rail planning and the coordination of intermodal transportation activities and access; environmental stewardship and streamlining; asset management; integration of safety into the planning process; congestion management and the development of traffic congestion relief and prevention activities; non-motorized planning, and the consideration of both livability and sustainability, including climate change issues, in the transportation planning process. For FY 2024, system operational issues must be addressed by working cooperatively with all transportation providers in improving the efficiency of the system. By continuing to improve the coordination and programming of federal, state, and local transportation funds, the result will lead to a more efficient project selection process and thereby an improved transportation network.

The JACTS committees have identified and reviewed a number of important issues in the Jackson metropolitan area. Corridors in the JACTS area have been identified through the long range planning process as operating at, or above, their designed capacity. Staff will continue to monitor these corridors and review alternatives for relieving traffic congestion and/or conflict problems. MDOT, in association with JACTS, will continue implementing the findings of the I-94 Freeway Modernization Study that provides additional capacity along a nine-mile segment between M-60 and Sargent Road as well as the reconstruction of seven interchanges.

The JACTS FY 2024 UWP will continue to focus on the collection and refinement of the data necessary to provide the coordination to meet the planning requirements of the FAST Act and IIJA legislation; review corridor deficiencies; identification of general transportation problems and possible solutions; and reduce congestion in order to provide a safe and efficient transportation network.

PROGRAM STAFFING AND FUNDING

Staffing for the FY 2024 JACTS program will include one (1) full-time Planner dedicated to transportation services; the Executive Director performing transportation services on a part-time basis; and one (1) additional full-time Planner performing transportation services on an as-needed basis. The JACTS program will continue to utilize the assistance and efforts of local agency staffs, including the City of Jackson Engineering Department, Jackson County Department of Transportation (JCDOT), and the Jackson Area Transportation Authority (JATA), in order to effectively and efficiently address the federal planning requirements as well as local issues and programs. During the course of the fiscal year, R2PC reimburses these agencies for services and activities they perform as part of the UWP, including, but not limited to: the collection of asset management data, traffic crash data and tabulation, transit ridership information and surveys, grant assistance, updates to the transportation network database and traffic counts. Traffic count data collected by the local agencies is also used for the Highway Performance Monitoring System (HPMS) program, a national information system that monitors data on the extent, condition, performance, use and operating characteristics of the nation's highways.

The projected funding for the JACTS FY 2024 Unified Work Program activities includes \$297,684 in Federal Highway Administration (FHWA) Planning (PL) funds. The Asset Management work item is funded entirely with MDOT funds.

The required local matching funds for the UWP are provided by cash contributions provided by the City of Jackson Engineering Department, the Jackson County Department of Transportation, and the Jackson Area Transportation Authority.

FY 2024 PROJECT DESCRIPTIONS

DATABASE MANAGEMENT: **ASSET MANAGEMENT — 311.01**

Objectives:

- *The purpose of this task is to assist in meeting the requirements of Michigan Public Act (P.A.) No. 499 of 2002, which established an Asset Management Council and charges it to develop an asset management process for the State of Michigan.*

Methodology:

The resources allocated to the Metropolitan/Regional Planning Organization (MPO/RPO) from the Transportation Asset Management Council (TAMC) annual budget shall be utilized to assist in the completion of the TAMC Work Program. All work shall be consistent with the policies and priorities established by the TAMC. All invoices submitted for reimbursement of Asset Management activities shall utilize Michigan Department of Transportation (MDOT) standard invoice forms and include the required information for processing. The MPO/RPO shall complete the required products and perform tasks according to the timeframes and directives established within TAMC's data collection policies, which can be found on the TAMC website (<http://www.michigan.gov/tamc>). The MPO/RPO will emphasize these tasks to support the largest Public Act 51 agencies (agencies that certify under Public Act 51 a minimum of 100 centerline miles of road) within the planning area when resources are limited. The activities eligible for TAMC reimbursement include the following:

Tasks:

- I. Training Activities – 311.01
 - A. Attendance at training seminar(s) on the use of Pavement Surface Evaluation and Rating (PASER) for paved roadways and Inventory-based Rating (IBR) System for unpaved roadways.
 - B. Represent MPO/RPO at TAMC-sponsored conferences and seminars, including attending either the spring or fall TAMC Conference.
 - C. Attend TAMC-sponsored Investment Reporting Tool (IRT) training seminars.

- D. Attend TAMC-sponsored Asset Management Plan Development training seminars. Roadway Inventory and Condition Data Collection Participation and Coordination
- II. Data Collection Participation and Coordination
- A. Federal Aid System (311.02):
 - 1. Organize schedules with Public Act 51 agencies within MPO/RPO's boundary for participating in Federal Aid data collection efforts; ensure all participants of data collection have access to State of Michigan travel reimbursement rates.
 - 2. Coordinate, participate and facilitate road surface data collection on approximately one-half of the Federal Aid System in accordance with the TAMC Policy for the Collection of Roadway Condition Data on Federal Aid Eligible Roads and Streets.
 - 3. Collect unpaved roadway condition data on approximately half of any unpaved Federal Aid eligible roadways using the Inventory-based Rating (IBR) System developed by the Michigan Technological University's Center for Technology and Training.
 - B. Non-Federal Aid System (311.03):
 - 1. It is required that the RPO/MPO make a formal call for interest for NFA data collection reimbursements to their respective Act 51 agencies annually, and that requests by Act 51 agencies are submitted to their respective RPO/MPO by October 1 each year to assist in the coordination of data collection priorities of the following data collection season. The RPO/MPO may allocate reimbursements for Non-Federal Aid data collection to Public Act 51 agencies according to the resources available to them in the manner that best reflects the priorities of their area and supports the TAMC work.
 - 2. Coordinate Non-Federal Aid data collection cycles with Public Act 51 agencies with an emphasis on the top 125 agencies.
 - 3. Ensure all participants of data collection understand procedures for data sharing with TAMC as well as TAMC policy and procedures for collecting Non-Federal Aid data.

4. Participate and perform data collection with Public Act 51 agencies on an as-needed basis for the data collection of Non-Federal Aid roads when requested.

III. Equipment

- A. Ensure rating teams have the necessary tools to complete the federal aid data collection activity by maintaining a laptop compatible with the Laptop Data Collector (LDC) and RoadSoft programs, a functioning Global Positioning System (GPS) unit, and other required hardware in good working order.
- B. Communicate any equipment needs and purchases with the TAMC Coordinator; laptops are eligible for replacement on a three-year cycle.

IV. Data Submission (311.04)

- A. Develop and maintain technical capability to manage regional RoadSoft databases and the Laptop Data Collector (LDC) program; maintain a regional RoadSoft database that is accurate and consistent with local agency data sets.
- B. Coordinate Quality Assurance/Quality Control activities and data submission tasks according to protocols established in TAMC Data Collection Policies for Federal-Aid and Non-Federal Aid Roads.
- C. Monitor and report status of data collection efforts to TAMC Asset Management Coordinator through monthly coordinator calls and/or monthly or quarterly program updates that are mailed with invoices.
- D. Provide links on agency websites and reports to the TAMC website, interactive maps and dashboards for the dissemination of roadway data.

V. Asset Management Planning

- A. Participate and attend TAMC-sponsored training and workshops in order to provide technical support for Asset Management Plan development activities.
- B. Provide an annual reporting of the status of Public Act 51 Agencies' Asset Management Plans and keep abreast of the status of these plans for updates and revision.
- C. Provide technical assistance and training funds to Public Act 51 agencies during the development of local Asset Management Plans using TAMC templates

when applicable; coordinate these tasks with an emphasis on the Top 125 agencies.

VI. Technical Assistance (311.04)

- A. Provide technical assistance to local agencies in using the TAMC reporting tools for planned and completed infrastructure investments or any other TAMC Work Program Activity.
- B. Integrate PASER ratings and asset management into project selection criteria:
 - 1. Analyze data and develop road preservation scenarios.
 - 2. Analyze performance of implemented projects.

VII. Bridge and Culvert Inventory and Condition Data Collection

- A. Provide administrative and technical assistance to Public Act 51 agencies and MDOT for reimbursement of TAMC funds for participation in data collection efforts for culvert inventory, condition assessment and data submission.
- B. Utilize TAMC reporting forms to communicate progress and expenditures of Public Act 51 agencies to assist TAMC in the Culvert Mapping Pilot Report.
- C. Act 51 agencies must submit a written request for reimbursement; the request should include a total estimate of costs (actual costs claimed must not exceed the estimated costs) for the data gathering, trained/certified team members' time, and vehicle use. This request must also clarify which fiscal year the data collection and reimbursement will take place. Requests for bridge data collection reimbursement authorization are required to be received by the RPO/MPO by October 1 of each year. The RPO/MPO decision on what requests for reimbursement are approved may consider available budget, absence or age of bridge data to be collected and the last year of reimbursement to the road agency for that bridge data set.

Products:

- I. PASER data for Federal Aid System submitted to TAMC via the IRT.
- II. PASER data for Non-Federal Aid System submitted to TAMC via the IRT.

- III. Quarterly or monthly activity reports submitted with invoices to TAMC Coordinator.
- IV. Create an Annual Report of Asset Management program activities as well as a summary of annual PASER condition data by local agency, functional classification, and Public Act 51 Legal System; provide links to the Regional Annual Report on agency website and submit copies to TAMC Coordinator by April 1 of each year.
- V. Prepare a draft status report of Public Act 51 agency Asset Management activities and plans within MPO/RPO boundary by September 30 of each year.

Asset Management Funding *

	Work Hours	311.01 MDOT		SPR	MDOT	Total
		MTF	Local			
R2PC	444	\$40,000	—	—	—	\$40,000
Total	444	\$40,000	—	—	—	\$40,000

- * **MPO and RPO asset management activities are funded through the MDOT Asset Management Council with state MTF funds and are, therefore, not included in the tables at the end of this document.**

DATABASE MANAGEMENT:
DATA MONITORING AND REPORTING — 313.31

Objectives:

- *Assemble and maintain database sufficient for evaluating and monitoring the efficiency and effectiveness of the transportation system as a whole.*
- *Maintain and monitor the existing data reporting system for the JACTS planning area.*
- *Continue safety planning activities including, but not limited to, monitoring traffic volumes, crash locations and frequency.*
- *Gather any other information required by the FAST Act and IIJA legislation.*
- *Develop a database for addressing freight issues.*
- *Provide data and measure use of alternative modes of transportation, including but not limited to, public transportation and non-motorized systems.*

Methodology:

- Continue to collect, compile, analyze and disseminate socio-economic, land use, transportation/transit information and crash data collected by local jurisdictions or prepared by governmental agencies and forwarded to the MPO for analysis, tabulation, and/or reproduction.
- Review and update system data regarding the development of the area's non-motorized trail system.
- Collect and tabulate data necessary to maintain and update the transportation model.
- Work with local officials and interests to inventory and monitor freight routes and intermodal facilities.
- Enhance and promote face-to-face, telephone, and written contact with other agencies, units of government, and the public.
- Inventory what data is currently being collected and determine what data may be needed to address performance-based planning and target setting.

Products:

- Updated traffic volume and crash data.
- Updated HPMS road segment data as needed and requested by MDOT.
- Collection, evaluation, organization, and distribution of transportation-related data.
- Up-to-date files of transportation-related data and information.
- Management system database for pavement, bridges, safety, transit, congestion management, and intermodal as required by federal legislation.

Data Monitoring and Reporting Funding

	Work Hours	313.31 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	60	\$4,465	\$970	—	—	\$5,435
MDOT	29	—	—	\$1,164	\$258	\$1,423
Total	89	\$4,465	\$970	\$1,164	\$258	\$6,857

DATABASE MANAGEMENT:

TRANSPORTATION DATA MANAGEMENT SYSTEM — 313.32

Objectives:

- *Continue to develop and maintain an extensive database for use in decision-making relative to local and area-wide transportation issues.*
- *Improve analytical capabilities and analyze statistical trends in developing projections.*
- *Continue to update the transportation database.*
- *Collect and submit data items for HPMS in conjunction with MDOT's HPMS coordinator. Staff will review and update the HPMS database sample segments using a MDOT supplied spreadsheet that contain only the data items needing to be updated for each sample in the format provided.*

Methodology:

- Continue to work with the Jackson County Department of Transportation and the City of Jackson to collect Average Annual Daily Traffic (AADT) volumes on federal-aid eligible roadways within the metropolitan area on an annual basis. Facilitate the sharing of hourly traffic count data and coordination of collection locations by the Jackson County Department of Transportation and City of Jackson needed to validate the travel demand model on an annual basis.
- Enter pertinent transportation data into computer system for efficient storage and easy retrieval. The database includes traffic volumes, crash data, zonal projections, traffic projections, and transit ridership.
- Provide feedback on REMI social and economic forecasting outputs and assist MDOT in reviewing and allocating data to the statewide traffic analysis zones.
- Continue working with the TransCAD modeling program and allocate time for program education, operation, and maintenance of the transportation model.
- Collect and review public transportation system monitoring data for the Jackson Area Transportation Authority (JATA) fixed route, Reserve-a-Ride, and Rides to Wellness demand response service, including, but not limited to, vehicle operations, ridership, and financial information.

- Model Inventory Roadway Elements (MIRE) Fundamental Data Elements (FDE) is a federal reporting requirement for safety roadway data. Work on implementation by MDOT and its vendors (CSS; RoadSoft; and ESRI) of the MIRE FDE data repository schema in MDOT Roads & Highways is expected to be underway. Beginning in FY22, MPO and local agency participation in the MIRE data collection and review process became part of the requirements in fulfilling data collection responsibilities to MDOT. This will continue for FY24 and beyond. Review and delivery of data to MDOT will be done in RoadSoft. The six (6) data items that MPO staff will be requested to review will be: 1) Surface type, 2) number of lanes, 3) access control, 4) median type, 5) facility type, and, 6) traffic control. MPO and MDOT staff may meet to discuss the process of annual maintenance and population of the 6 data items going forward.
- R2PC will support MDOT in its federal reporting obligations for the Highway Performance Monitoring System (HPMS) data collection program. R2PC will work with the HPMS Team to update the sample file (spreadsheet or Geographic Information Systems file) provided by MDOT every September, to be completed and submitted by April 1st of the reporting year. R2PC is asked to review sample sections along the non-trunkline roadway system only for data items that need updating. Agency will attend training as needed. R2PC may elect to work with local road agencies as needed to update sample data.
 - Purpose: MDOT is required to submit HPMS data to fulfill federal reporting requirements under Title 23 U.S.C §315. HPMS has a variety of uses by FHWA, including reports to Congress, Transportation Performance Measures, apportionment of federal highway funds, highway statistics, and economic models, among others. MDOT requests MPO assistance with HPMS due to relationships with local road agencies and familiarity with the non-trunkline roadway system.
 1. MPO will aggregate, compile and store Non-Trunkline (Federal Aid/Non-Federal Aid) and Local Roads traffic count data collected throughout the year by Local Agencies (CRC's, Cities, Villages, etc.) under the MPO's jurisdiction in preparation for said data to be submitted to MDOT on an annual basis for HPMS Reporting to FHWA.
 2. MPO will be prepared for MDOT's annual Non-Trunkline and Local Roads Traffic Count Data Submittal Request and respond to the request in a timely manner for HPMS Reporting to FHWA.
 3. MPO will notify MDOT where the MPO plans to collect traffic counts, and if there is availability for additional count locations, can

coordinate with MDOT to generate supplemental count locations on Non-Trunkline and Local Roads for HPMS Reporting to FHWA.

Products:

- Transportation Database Management System.
- A safety profile that is continuously updated and maintained.
- A geographic information system that contains necessary data layers (i.e. traffic counts, traffic analysis zones, roadway capacities, transit routes, pavement conditions, functional classifications) that is continuously monitored and updated to conduct necessary analyses.
- Collect and submit data items for HPMS in conjunction with MDOT's HPMS coordinator. Staff will review and update the HPMS database sample segments using a MDOT supplied spreadsheet that contains only the data items needing to be updated for each sample in the format provided.
- Non-Trunkline Federal-Aid Program – staff will provide support to the NTFA in the cross-agency coordination effort of gathering existing traffic count data on the non-trunkline federal aid roads.
- Public transportation status reports.
- Various data monitoring and analysis reports.

Transportation Data Management System Funding

	Work Hours	313.32 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	926	\$68,467	\$14,873	—	—	\$83,340
MDOT	134	—	—	\$5,808	\$1,288	\$7,096
Total	1,060	\$68,467	\$14,873	\$5,808	\$1,288	\$90,436

LONG RANGE PLANNING:
LONG RANGE TRANSPORTATION PLAN — 313.33

Objectives:

- *To monitor and maintain the JACTS 2045 Long Range Transportation Plan LRTP. Additional modifications, amendments, and additions to the Plan will be processed as necessary, including the incorporation of performance measures and targets.*
- *To develop the JACTS 2050 Long Range Transportation Plan (LRTP), which serves as an update to the JACTS 2045 LRTP*
- *Staff will continue to monitor, identify, and evaluate the transportation needs of the JACTS metropolitan area in order to guide local transportation decisions as programmed in the 2045 Long Range Transportation Plan.*
- *To review and/or be a part of ongoing intermodal planning and projects being undertaken by other public or private agencies in order to provide an area-wide perspective in decision-making on choices that effect the metropolitan area's modal development and quality of life.*
- *To continue to address issues of congestion management, job access, safety, operational efficiency (through ITS deployment), and pedestrian and bicycle mobility as they relate to the 2045 Long Range Transportation Plan Update.*
- *To work closely with state and federal transportation partners to further integrate freight and rail planning into the transportation planning process.*
- *Assist JATA in analyzing the expansion of existing routes and fleet in order to address future transit needs resulting from area growth and development.*
- *Assist JATA in the development of a strategic and systematic process of operating, maintaining, and improving public capital assets effectively through their life cycle.*
- *Assist local jurisdictions, as necessary, examine potential traffic impacts resulting from proposed development utilizing the travel demand model.*
- *Consideration of advancing Environmental Justice analysis such as inclusion of accessibility measures.*

- *Continue planning efforts to seek options that support the needs of coordination between future passenger rail initiatives and freight rail operations.*
- *Solicit input from freight stakeholders regarding the process to successfully integrate freight planning into existing transportation planning processes.*
- *Assist MDOT with updating the state plan as needed.*
- *Continue to analyze the major issues including the connectivity between transportation modes, safety of non-vehicular transportation alternatives, and the accessibility of existing and future land uses by both vehicular and non-motorized means.*
- *Integrate non-motorized transportation into scenario planning to address livability issues.*
- *Research the federal focus areas of livability, sustainability, climate change, and greenhouse gas reduction; and, develop strategies for integrating the focus areas into the long range planning process.*
- *Continue working with JATA to determine public transit route performance and operation (fixed-route and on-demand service); continue working to identify unmet transit needs; and evaluate future demand for services.*
- *Solicit and document unfunded needs as part of the long range planning effort.*
- *Create a better linkage between land use and transportation including planning and environmental linkages; freight, livability and climate change.*
- *Continue working with MDOT to update the travel demand model as necessary.*
- *Meet the requirements of new performance measures and planning regulations.*
- *Improve documentation and consideration of environmental consultation with outside environmental agencies including federal, state, and local partners.*
- *Consideration of advancing Environmental Justice analysis such as inclusion of accessibility measures.*
- *Improve documentation and consideration of environmental consultation with outside agencies including federal, state, and local officials.*

Methodology:

- Continue to process amendments to the JACTS 2045 Long Range Transportation Plan as necessary.
- Continue to work with MDOT to test capacity project alternatives with the travel demand model and developing a capacity project list.
- Review, evaluate, and update the Public Participation Plan (PPP):
 - Clear project map/data listing
 - Consideration of virtual options for public participation
 - Environmental justice and Title VI processes and connection to public involvement
 - Ensuring transparency and providing open access to the planning, decision making, and project evaluation and selection processes. These processes should be available to the public and easy to understand (digestible format) on the MPO website.
- Address environmental justice concerns by identifying and engaging target populations, including the poor and minorities, in the planning process. Projects programmed to address identified capacity deficiencies will be reviewed to determine if they negatively impact or neglect these populations.
- Improve documentation and consideration of environmental consultation with outside environmental agencies including federal, state and local partners.
- Advance Environmental Justice analysis as needed, such as the inclusion of accessibility measures.
- Review and consider Intelligent Transportation System (ITS) applications for implementation, whenever feasible, to assist in addressing identified capacity deficiencies, traffic flow operations, and safety concerns.
- Coordinate with MDOT and other state and local agencies on current and proposed intermodal initiatives.
- Continue to work with MDOT on the development of the Michigan Mobility 2045 State Long Range Transportation Plan.
- Continue to identify and review potential conflicts between rail and vehicular traffic to increase safe travel through the community.

- The MDOT travel demand model will be used, as needed, to assist local agencies and JACTS staff evaluate potential impacts on the area transportation system resulting from development proposals.
- Incorporate performance measures and targets to ensure that LRTP goals and objectives are being met.
- Document expected benefits/performance of LRTP projects and how they will contribute to accomplishing performance measures.
- Work cooperatively with MDOT to more accurately describe investments for the full life of the LRTP.
- Create a better linkage between land use and transportation; planning and environmental linkages; livability and climate change.
- Coordinate with MDOT's Statewide Freight Plan and prioritization process.
- Engage in dialogue to program and prioritize freight projects as federal guidance is released.

Products:

- Development of JACTS 2050 Long Range Transportation Plan
- JACTS 2045 Long Range Transportation Plan amendments (as necessary).
- Continue to update socio-economic and network data for the travel demand model as necessary.
- Work with local planning partners to identify methods for implementing performance based planning provisions such as collecting performance data, selecting and reporting performance targets for the JACTS area, and reporting actual system performance related to the targets.
- Address any environmental justice-related concerns or projects identified or proposed through the long-range transportation planning process.
- Development and adoption of an illustrative list of unfunded projects.
- Transit ridership surveys and related studies.
- Traffic impact report assistance.

Long Range Transportation Plan Funding

	Work Hours	313.33 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	396	\$28,168	\$7,436	—	—	\$35,604
MDOT	25	—	—	\$1,704	\$378	\$ 2,082
Total	421	\$28,168	\$7,436	\$1,704	\$378	\$37,686

LONG-RANGE PLANNING:
COMPLETE STREETS PLANNING — 313.331

Objectives:

- *Work to integrate safe and accessible options for multiple travel modes within the planning process*
- *Review and update the Non-motorized component of the Long Range Transportation Plan as needed*

Methodology:

- *Integrate non-motorized transportation into scenario planning to address livability in the Metropolitan Planning Area*
- *Review and revise the Complete Streets Resolution as needed*
- *Planning Activities to increase safe and accessible options for multiple travel modes for people of all ages and abilities*

Complete Streets Planning and Non-Motorized

	Work Hours	313.331 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	67	\$6,065	\$0	—	—	\$6,065
MDOT	—	—	—	\$0	\$0	\$0
Total	67	\$6,065	\$0	\$0	\$0	\$6,065

**SHORT-RANGE PLANNING:
TSM TECHNICAL ASSISTANCE — 313.34****Objectives:**

- *Provide transportation information and short-term planning services to local units of governments for projects not anticipated in the formal work program process.*
- *Maintain a file of current transportation issues.*
- *Maintain staff capability to react to issues and projects which were not anticipated when the work program was formulated.*
- *Review cost-effective asset management procedures for the operation and maintenance of the area's physical inventory and condition assessment.*
- *Assist the City of Jackson, Jackson County Department of Transportation, and the Jackson Area Transportation Authority, and assigned consultants, in reviewing and coordinating any transportation/transit and land use issues and impacts.*
- *Review current needs and plan for the future mobility of bicyclists, pedestrians, and other non-motorized travelers to provide a balanced transportation system that ensures non-motorized travel options that are safe and convenient.*
- *Work with the City of Jackson, Jackson County Department of Transportation, and the Active Jackson Coalition, MDOT, and consultant as necessary to implement recommendations of the Jackson City + County Nonmotorized Plan completed in FY 2020.*
- *Assist Active Jackson Coalition by coordinating the administration of the program.*
- *Ensure a regional approach to transportation planning by promoting cooperation and coordination across transit agency, MPO, and state boundaries. To improve the effectiveness of transportation decision-making by encouraging MPOs and public transit providers to think beyond traditional borders and adopt a coordinated approach to transportation planning.*
- *Provide access to essential services, as part of the transportation planning process, by identifying transportation connectivity gaps in reviewing essential services (including employment, health care, schools/education, and recreation.)*

- *Ladders of Opportunity (access to essential services) – as part of the transportation planning process, identify transportation connectivity gaps in access to essential services such as housing, employment, health care, schools/education, and recreation).*
- *Promote cooperation and coordination across MPO and State boundaries (where appropriate) to ensure a regional approach to transportation planning.*

Methodology:

- Respond to requests for technical assistance and information regarding the transportation planning program.
- Assist local jurisdictions and transportation agencies in identifying and assessing local transportation needs, including assessing the impacts of land use decisions on the area's transportation system.
- Assist local units of government in obtaining grant funds to maintain existing transportation facilities or to build new systems.
- Provide mapping services and other assistance to JATA, as requested.
- Work with local agencies to adopt and implement the Jackson City + County Nonmotorized Plan. The intent of the plan is to continue to improve bicycling and walking conditions and developing a prioritized project list and possible funding sources; therefore, hopefully increasing the number of trips made by non-motorized transportation.
- Develop a coordinated regional transportation planning approach supporting common goals and capitalizes on opportunities related to project delivery, congestion management, safety, freight, livability, and commerce across boundaries.
- Work with FHWA, MDOT, and local agencies to continue implementation of the Regional Intelligent Transportation System (ITS) Architecture.
- Continue to develop and upgrade the non-motorized transportation system by encouraging improvements based on the recommendations of the Jackson City + County Nonmotorized Plan in existing thoroughfares.
- Coordinate transit improvements (i.e. bus shelters, vehicle bike racks) to integrate with the city's non-motorized facilities.
- Continue participation on the Active Jackson Coalition.

- Continue participation and involvement with the Jackson County Planning Commission to review and discuss land use, planning, and development issues as they relate to the countywide transportation network.
- Act as coordinator and secretary for the Active Jackson Coalition by preparing and distributing meeting agendas, minutes, and other appropriate information or materials on matters to be addressed during meeting sessions. Appropriate correspondence and meeting record files will be maintained.
- Develop and implement analytical methods to identify gaps in connectivity of the transportation system and develop infrastructure and operational solutions that provide the public, especially the traditionally underserved populations, with adequate access to essential services.
- Work with area transit agencies to document current gaps in addressing regional transit mobility for transit users seeking cross-county/cross-system trips.
- MDOT and MPOs will develop action plans for addressing the highest priority transit needs within each prosperity region and work with transit agencies to narrow the gaps that can be addressed through better coordination.

Products:

- Marketing, graphic services, and routing/capital needs analysis to assist JATA with the implementation of public transit activities and programs.
- Action plan detailing how identified safety issues will be addressed in the planning process.
- Grant applications for local communities applying for Transportation Economic Development Funds (TEDF), Transportation Alternatives Program (TAP) Funds, and/or other grant applications as requested.
- Responses to inquiries regarding transit, bicycle/nonmotorized pathways, aviation, and rail as appropriate.
- Plans for development of an intermodal facility and grant applications to obtain funds for implementation.
- Through regional coordination, MPOs, State DOTs, and RPOs can reduce project delivery times and enhance the efficient use of resources.

- Continue to review and evaluate transit route configurations and address unmet transit needs.
- Continued involvement in the development of plans and programs that affect the transportation network.
- MDOT Regional ITS Architecture and Deployment Plan in Jackson County.
- Assist the Jackson Area Transportation Authority by updating the Section 5310 Coordinated Human Services Public Transportation Plan.

TSM Technical Assistance Funding

	Work Hours	313.34 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	1087	\$80,375	\$17,460	—	—	\$97,835
MDOT	128	—	—	\$6,277	\$1,392	\$7,669
Total	1,215	\$80,375	\$17,460	\$6,277	\$1,392	\$105,504

SHORT-RANGE PLANNING: TSM CORRIDOR STUDIES — 313.35

Objectives:

- *Implement strategies for alleviating traffic congestion within the area's major transportation corridors.*
- *Review and monitor capacity-deficient corridors utilizing an organized, systematic methodology emphasizing a multi-modal TSM approach toward alleviating existing and potential transportation flow problems.*
- *Continue to assist MDOT in the planning and development of the proposed improvements by conducting public/property owner informational meetings, access control meetings, and other outreach activities.*

Methodology:

- Study identified deficient corridors to determine short-range, low-cost TSM improvements to promote efficiency and safety. The involvement of property owners along the corridors will be incorporated into the studies.
- Continue work with MDOT and local agencies to develop congestion management goals and TSM strategies to address traffic congestion problems.

Products:

- Corridor studies that recommend possible solutions to identified problems.
- Prioritized list of projects for funding from federal, state, or local sources.

TSM Corridor Studies Funding

	Work Hours	313.35 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	40	\$2,977	\$647	—	—	\$3,624
MDOT	—	—	—	—	—	\$0
Total	40	\$2,977	\$647	—	—	\$3,624

PROGRAM MANAGEMENT:**TRANSPORTATION PLANNING COORDINATION — 313.36****Objective:**

- *Effectively administer and implement the JACTS urban transportation planning process.*
- *Ensure the coordination of the transportation planning process throughout the metropolitan planning area.*
- *Maintain a proactive public involvement process, emphasizing Title VI and Environmental Justice issues.*
- *Maximize participation in the transportation planning process by policy-makers, local technical staff, public, and interest groups.*

Methodology:

- Review the 3-C (continuing, comprehensive, and cooperative) planning process to assure that the purpose and process of the program is understood.
- Continue to focus on partnerships utilizing a continuing, cooperative, and comprehensive (3C) approach to transportation planning.
- Act as coordinator and secretary for the Technical Advisory and Policy Committees by preparing and distributing meeting agendas, minutes, and other appropriate information or materials on matters to be addressed during meeting sessions. Appropriate correspondence and meeting record files will be maintained.
- Follow the guidelines of the Public Participation Plan (PPP), including providing information and data through meeting attendance, contact with news media, agency newsletter and annual report, public contacts, maintenance of mailing list, and other outreach activities as described in the PPP.
- Maintain agency website for the dissemination of transportation information including meeting agendas and minutes; special community outreach meetings; planning documents and reports; and other documents as appropriate.
- Encouraging public participation in the planning process by notifying the general public and local interest groups of proposed activities. Following federal environ-

mental justice guidelines, staff will have an identified strategy for enlisting the targeted (minority and low-income) populations in the transportation decision-making process. Efforts shall be made to engage organizations representing these target groups through the use of local print and other media. Staff will review procedures to document the concerns raised by these populations as a part of the overall public involvement program and federal Title VI requirements.

- Prepare information and attend all meetings of Region 2 Planning Commission involving transportation matters.
- Attending monthly meetings and annual conference of the Michigan Transportation Planning Association.
- Attend training courses and conferences relevant to UWP tasks.
- Establish a committee of transportation providers and users to begin determining how to make the transportation system more efficient by better understanding how the system is used by all.
- Review and update, as necessary, the Title VI and ADA (Americans with Disabilities Act) procedures.

Products:

- Documented transportation planning coordination efforts resulting in a maximization of participation in the transportation planning process by the JACTS Committees, transportation service and facility providers, general public and the targeted populations.
- Update consultation contact list, as necessary.
- Updated documents and procedures, i.e., MOU with MDOT for traffic modeling needs, and other procedures as required by MDOT and/or FHWA.
- Disadvantaged Business Enterprise (DBE) report bi-annually.
- Title VI and DBE Report Submissions.
- Stay engaged in National discussions regarding the development of performance-based planning and programming activities.
- Continue discussions and education with committee members and other stakeholders.

Transportation Planning Coordination Funding						
	Work	313.36 FHWA				
	Hours	Federal	Local	SPR	MDOT	Total
R2PC	483	\$35,723	\$7,760	—	—	\$43,483
MDOT	193	—	—	\$9,834	\$2,181	\$12,015
Total	676	\$35,723	\$7,760	\$9,834	\$2,181	\$55,498

PROGRAM MANAGEMENT:
TRANSPORTATION IMPROVEMENT PROGRAM — 313.37

Objectives:

- *To review, prepare, and process amendments and administrative modifications to the JACTS FY 2023-2026 Transportation Improvement Program (TIP) as necessary.*
- *To develop methods to streamline the TIP/STIP development and project prioritization, amendment processes, and ways to reduce the number of amendments.*
- *Continued growth and expertise in JobNet application improvements.*
- *To maintain the FY 2023-2026 TIP in JobNet, including four (4) years of projects listed in the TIP (for each MPO program area).*
- *Continue to streamline the STIP development, project prioritization, and amendment processes to more efficiently deliver the program.*
- *Continue to ensure transit projects are accurately shown in the TIP and fiscally constrained, through coordination with local agencies and the MDOT Office of Passenger Transportation.*
- *Ensure compliance with Transportation Performance Measures (TPM) requirements, including working with MDOT on data needed to identify how the MPO is working to meet the adopted targets.*

Methodology:

- Project priorities and funding amounts in the FY 2023-2026 TIP will be re-evaluated and amended as requested by participating agencies.
- Staff will continue to refine and update the criteria used for project selection and prioritization in order to ensure that the proposed transportation improvements are the most efficient and cost effective solution to the identified problems.
- Following federal environmental justice guidelines, staff will identify and actively engage the target population (low income and minorities) in the TIP process.
- Intelligent Transportation System (ITS) applications will be reviewed and considered for implementation whenever feasible to assist in addressing identified capacity deficiencies, traffic flow operations, and safety concerns.

- To seek input and participation by freight stakeholders during the TIP process.
- Review and update the National Functional Classification System as necessary.
- Incorporate new performance measures and targets as developed and adopted.
- Incorporate transit into the TIP process by (1) coordinating with JATA and the MDOT Office of Passenger Transportation and (2) ensuring transit projects are accurately listed in the TIP and fiscally constrained.
- Document expected benefits/performance of the TIP projects to determine progress towards addressing performance targets.
- Better align project selection criteria with performance measure targets.
- Expand the use of JobNet features (e.g. mapping capabilities).
- Maintain the FY 2023-2026 TIP in JobNet including (1) four years of projects listed in the TIP (for specific program areas); (2) fiscal constraint for local and transit program areas; and (3) correct utilization of GPAs in alignment with the guidance document.

Products:

- Preparation of amendments and administrative modifications to the FY 2023-2026 Transportation Improvement Program for the JACTS planning area.
- Monitor progress and development of programmed TIP projects; present monthly progress reports at MPO meetings; conduct public project hearings and informational meetings as required; request amendments/administrative adjustments as required for project implementation.
- Staff will update, as necessary, maps that illustrate the concentrated locations of under-represented populations in relation to programmed road and transit projects that may have a negative affect or somehow neglect these populations. Staff will also review the impact of existing and future programmed road projects on transit routes.
- Staff will prepare and make available, for public review, an annual listing of the projects in which Federal funds have been obligated in the preceding year of the TIP. The listing will be published in the R2PC annual report and be available on-line at the R2PC website.

- Document the expected benefits of projects in the TIP (and LRTP) and how they will contribute to meeting performance targets.
- Evaluate the benefits/performance of the TIP (and LRTP) projects to determine progress towards meeting the performance measure targets.
- National Functional Classification System changes (as necessary).

Transportation Improvement Program Funding

	Work Hours	313.37 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	333	\$23,815	\$5,174	—	—	\$28,989
MDOT	229	—	—	\$25,521	\$5,669	\$31,190
Total	562	\$23,815	\$5,174	\$25,521	\$5,669	\$60,179

PROGRAM MANAGEMENT:
PROGRAM MANAGEMENT — 313.38

Objectives:

- *Effectuate a sound, responsive approach to the management of the planning program.*
- *Provide for the administration of the area-wide transportation planning process in accordance with federal and state requirements, and for the technical management over each project included in the UWP.*

Methodology:

- Provide quarterly invoices and status reports of transportation planning activities.
- Prepare close-out reports in accordance with requirements in a timely manner.
- Maintain staff professional competence through attendance at training and transportation planning-related conferences.
- Provide local liaison to MDOT, Region 2 Planning Commission, and other transportation groups to ensure coordination.
- Represent the MPO at local, regional, and federal meetings.

Products:

- Quarterly financial status and progress reports, agreements, and Final Acceptance Report.
- Program correspondence, strategy, general staff meetings, and coordination with other programs.
- Program-related seminars, workshops, or meetings.
- Participate in any training activities regarding the implementation of performance-based measures.

Program Management Funding						
	Work Hours	313.38 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	563	\$41,676	\$9,053	—	—	\$50,729
MDOT	201	—	—	\$9,499	\$2,106	\$11,605
Total	764	\$41,676	\$9,053	\$9,499	\$2,106	\$62,334

PROGRAM MANAGEMENT:
UNIFIED WORK PROGRAM — 313.39

Objectives: —

- *Formulate an annual Unified Work Program (UWP) and budget that is responsive to the planning priorities of the metropolitan area as expressed by the Technical Advisory and Policy Committees involved in the planning process; and ensure that work is carried out in a coordinated and technically sound manner.*

Methodology:

- Prepare the annual UWP including costs, agency funding responsibilities, estimated staff requirements, and products expected to result from work efforts. When the UWP is completed, it will be submitted for review and approval to the JACTS committees and the R2PC (MPO). Progress in the completion of activities will be periodically monitored to assure successful and timely completion of activities.

Products:

- FY 2024 Urban Transportation Planning Unified Work Program.
- Update Indirect Cost Allocation Plan if necessary.

Unified Work Program Funding

	Work Hours	313.39 FHWA		SPR	MDOT	Total
		Federal	Local			
R2PC	80	\$5,953	\$1,293	—	—	\$7,246
MDOT	101	—	—	\$5,135	\$1,139	\$6,274
Total	181	\$5,953	\$1,293	\$5,135	\$1,139	\$13,520

Table 1
FY 2024 Unified Work Program — Summary Budget by Program Activity

	FHWA – PL			SPR/MDOT	
Program and Program Activities	R2PC	Local Match	Total Cost	Federal	State
Database Management					
Data Monitoring and Reporting	\$4,465	\$970	\$5,435	\$1,164	\$258
Transp. Data Management System	\$68,467	\$14,873	\$83,340	\$5,808	\$1,288
Subtotal	\$72,932	\$15,843	\$88,775	\$6,972	\$1,546
Long Range Planning					
Long Range Transportation Plan	\$28,168	\$7,436	\$35,604	\$1,704	\$378
Complete Streets Planning and Non-Motorized	\$6,065	\$0	\$6,065	0	0
Subtotal	\$34,233	\$7,436	\$41,669	\$1,704	\$378
Short Range Planning					
TSM Technical Assistance	\$80,375	\$17,460	\$97,835	\$6,277	\$1,392
TSM Corridor Studies	\$2,977	\$647	\$3,624	0	0
Subtotal	\$83,352	\$18,107	\$101,459	\$6,277	\$1,392
Program Management					
Transportation Plan. Coordination	\$35,723	\$7,760	\$43,483	\$9,834	\$2,181
Transp. Improvement Program (TIP)	\$23,815	\$5,174	\$28,989	\$25,521	\$5,659
Program Management	\$41,676	\$9,053	\$50,729	\$9,499	\$2,106
Unified Work Program	\$5,953	\$1,293	\$7,246	\$5,135	\$1,139
Subtotal	\$107,167	\$23,280	\$130,447	\$49,990	\$11,085
Total	\$297,684	\$64,666	\$362,350	\$64,943	\$14,401

Table 2
FY 2024 Transportation Work Program
Staff Requirements and Fund Use

	R2PC		MDOT	
Program and Program Activities	Total Costs	Hours	Cost	Hours
Database Management				
Data Monitoring and Reporting.	\$5,435	60	\$ 1,423	29
Transportation Data Management System	\$83,340	926	\$ 7,096	134
Subtotal	\$88,775	986	\$8,518	163
Long Range Planning				
Long Range Transportation Plan	\$35,604	396	\$ 2,082	25
Complete Streets Planning and Non-Motorized	\$6,065	67	\$0	0
Subtotal	\$41,669	493	\$ 2,082	25
Short Range Planning				
TSM Technical Assistance	\$97,835	1087	\$7,669	128
TSM Corridor Studies	\$3,624	40	—	—
Subtotal	\$101,459	1,127	\$7,669	128
Program Management				
Transportation Planning Coordination	\$43,483	483	\$12,015	193
Transportation Improvement Program (TIP)	\$28,989	333	\$31,181	229
Program Management	\$50,729	563	\$11,605	201
Unified Work Program	\$7,246	80	\$ 6,274	101
Subtotal	\$130,447	1,459	\$61,075	725
Total	\$362,350	4,035	\$79,344	1,040

Table 3
Direct and Indirect Costs FY 2024
Region 2 Planning Commission

	COSTS			
	Total	Less: Direct Unallowable	Indirect	Modified Total Direct
Total Salaries	\$ 273,959		\$ 108,503	\$ 165,455
Total Fringe Benefits (41.72%)	\$ 114,303		\$ 45,271	\$ 69,032
Total Personnel Costs	\$ 388,261		\$ 153,774	\$ 234,487
Supplies	\$ 10,500	-	\$ 5,000	\$ 5,500
CPA Services	\$ 7,600	-	\$ 7,600	-
Legal Services	\$ 3,500	-	\$ 2,500	\$ 1,000
Computer Services	\$ 2,500	-	\$ 1,000	\$ 1,500
Training	\$ 7,500	-	\$ 2,000	\$ 5,500
Contractual/Consulting	\$ 107,980	\$ 77,980	\$ 30,000	\$ 77,980
Telephone	\$ 4,500	-	\$ 4,500	\$
Postage/Shipping	\$ 8,080	-	\$ 1,500	\$ 6,580
Travel	\$ 18,275	-	\$ 7,000	\$ 11,275
Advertising	\$ 6,500	-	\$ 1,500	\$ 5,000
Printing/Copying	\$ 18,951	-	\$ 12,000	\$ 6,951
Insurance	\$ 6,000	-	\$ 6,000	-
Equipment Repair & Maintenance	\$ 2,000	-	\$ 1,200	\$ 800
Rent	\$ 39,188		\$ 39,188	-
Dues/Subscriptions/Publications	\$ 9,200		\$ 5,200	\$ 4,000
Software Licenses/Fees	\$ 6,000	-	\$ 5,000	\$ 1,000
Miscellaneous Expense	\$ 2,500	-	\$ 2,500	\$
Total Non-Personnel Costs	\$ 260,774	\$ 77,980	\$ 133,688	\$ 127,086
Total	\$ 649,035	\$ 77,980	\$ 287,462	\$ 361,573

Rate Calculation

Indirect	Cost	Rate
Total Indirect Costs	\$287,462	
Total Direct Salaries & Benefits	\$234,487	
Indirect Rate	122.59%	

APPENDIX A**Certificate of Indirect Costs**

This is to certify that I have reviewed the indirect cost rate proposal submitted herewith and to the best of my knowledge and belief:

(1) All costs included in this proposal for Fiscal Year 2024 to establish billing or final indirect costs rates for October 1, 2023 to September 30, 2024 are allowable in accordance with the requirements of the Federal award(s) to which they apply and 2 CFR part 225, Cost Principles for State, Local, and Indian Tribal Governments (OMB Circular A 87). Unallowable costs have been adjusted for in allocating costs as indicated in the cost allocation plan.

(2) All costs included in this proposal are properly allocable to Federal awards on the basis of a beneficial or causal relationship between the expenses incurred and the agreements to which they are allocated in accordance with applicable requirements. Further, the same costs that have been treated as indirect costs have not been claimed as direct costs. Similar types of costs have been accounted for consistently and the Federal Government will be notified of any accounting changes that would affect the predetermined rate.

I declare that the foregoing is true and correct.

Governmental Unit: Region 2 Planning Commission

Signature: _____

Name of Official: Jacob Hurt

Title: Executive Director

Date of Execution: _____

APPENDIX B**Certification Regarding Lobbying***Certification for Contracts, Grants, Loans, and Cooperative Agreements*

The undersigned certifies, to the best of his, or her, knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Statement for Loan Guarantees and Loan Insurance

The undersigned states, to the best of his, or her, knowledge and belief, that:

If any funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this commitment providing for the United States to insure or guarantee a loan, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

Submission of this statement is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required statement shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Signed _____

Jacob Hurt, Executive Director

Date _____