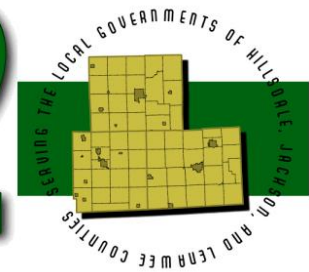


Region 2 Planning Commission



Jackson Area Comprehensive Transportation Study

MINUTES

JACTS TECHNICAL ADVISORY COMMITTEE

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

Wednesday, February 20, 2019

Members Present: Mike Davis (Alt.), MDOT-University Region
Tanya DeOliveira (Alt.), Region 2 Planning Commission
Jon Dowling, Chair, City of Jackson – Engineering
Amy Guerriero, The Enterprise Group
Angela Kline, Vice-Chair, Jackson County Dept. of Transportation
Mike Rand, Jackson County Dept. of Transportation
Jack Ripstra, Blackman Charter Township
Bret Taylor, Jackson County Dept. of Transportation
Troy White, City of Jackson – Engineering
Jeff Wickman (Alt.), Jackson Area Transportation Authority

Members Absent: Jeff Franklin, MDOT- Lansing
Jonathan Greene, City of Jackson Public Works
Andy Pickard, FHWA (Ex-officio)
Juan Zapata, Jackson County Airport – Reynolds Field

Others Present: Monica Day, Public
Kelby Wallace, MDOT – Jackson TSC

ITEM 1 CALL TO ORDER

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

ITEM 2 PUBLIC COMMENT

No public comments were received.

ITEM 3 ELECTIONS OF 2019 OFFICERS

A motion was made by Mr. Davis, supported by Mr. Rand, to approve Ms. Angela Kline as Chair, and Mr. Jon Dowling as Vice-Chair for 2019. The motion passed unanimously.

ITEM 4 **APPROVE MINUTES OF THE TECHNICAL ADVISORY COMMITTEE MEETING OF JANUARY 16, 2019 AND RECEIVE THE POLICY COMMITTEE MINUTES OF JANUARY 17, 2019**

A motion was made by Mr. Ripstra, supported by Mr. Rand, to approve the Technical Advisory Committee meeting minutes of January 16, 2019 and receive the Policy Committee meeting minutes of January 17, 2019 as presented. The motion passed unanimously.

ITEM 5 **AGENCY STATUS REPORTS**

Project status updates were presented by the City of Jackson, Jackson County Department of Transportation (JCDOT), Jackson Area Transportation Authority (JATA), the Michigan Department of Transportation (MDOT), and the Enterprise Group. The City of Jackson reported that they will begin construction on Fourth Street/Horton to Audubon Road on June 3, following the annual Rose Parade. The Greenwood Ave/Jackson St project will be in the June letting. JCDOT reported that the Laurence Avenue project will be in the June letting. Amtrak is expected to release their final agreement to help move the Michigan Avenue bridge project in Parma forward this year. JATA reported that they are expecting the new plow truck to be delivered by the end of the month. MDOT reported that the Cooper St. bridge over I-94 will be shut down starting the week of March 11. The M-60 project will be let in March. The Enterprise Group thanked JCDOT for their help with the industrial park project on County Farm Road.

ITEM 6 **APPROVAL OF AMENDMENTS TO THE JACTS FY 2017 – 2020 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

Mr. Davis reported that MDOT was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2019	206049	PE	US-127	US-127 south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	Fed \$8,200 State \$1,800 Total \$20,000	NH	Phase Add
2019	201002	CON	US-127	Ayres Road to Floyd Road	1.54	Road Capital Preventive Maintenance	Fed \$405,158 State \$89,843 Total \$495,000	NH	Cost Changed from \$733,159
2020	206562	CON	University Region Pavement Marking Retro Readings	All of REGION 2 MPO	3.029	Pavement marking retro reflectivity readings on trunklines in University Region	Fed \$1,944 State \$216 Total \$15,000	HSIP	Phase Add

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2020	206049	CON	US-127	US127 south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	Fed \$42,640 State \$9,360 Total \$104,000	NH	Phase Add
2020	206553	CON	University Regionwide Longline Pavement Markings	All of REGION 2 MPO	3.282	Longitudinal marking application on trunklines in University Region	Fed \$354,456 State \$39,384 Total \$2,735,0000	HSIP	Phase Add
2020	206555	CON	University Regionwide Special Pavement Markings	All of REGION 2 MPO	2.315	Special marking application on trunklines in University Region	Fed \$66,096 State \$7,344 Total \$510,000	HSIP	Phase Add
2020	206553	PE	University Regionwide Longline Pavement Markings	All of REGION 2 MPO	3.282	Longitudinal marking application on trunklines in University Region	Fed \$324 State \$36 Total \$2,500	HSIP	Phase Add
2020	206555	PE	University Regionwide Special Pavement Markings	All of REGION 2 MPO	2.315	Special marking application on trunklines in University Region	Fed \$648 State \$72 Total \$5,000	HSIP	Phase Add

A motion was made by Ms. Guerriero, supported by Mr. Rand, to approve the proposed MDOT amendments as presented. The motion carried unanimously.

Mr. Dowling reported that City of Jackson was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Street	Description	Length	Funding	Action
2019	Francis St – Morrell St to Mason St	Reconstruct	0.204	Fed \$587,000 City \$146,750	Move to 2020
2020	Greenwood & Wilkins – Morrell St to Jackson St	Reconstruct	0.186	Fed \$587,000 City \$146,000	Delete
2020	Greenwood/Jackson Morrell St to Franklin St	Reconstruct	0.45	Fed \$783,234 City \$1,227,784	Add

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

Mr. Wickman reported that JATA was requesting the following amendments to the JACTS FY 2017 – 2020, and FY 2020 - 2023 Transportation Improvement Program (TIP):

FY	Project Name	Limits	Work Type	Description	Fed Cost	Fed Fund Source	State Cost	State Fund Source	Total Cost
2019	Fencing/Gates Replacements	County	Facility Improvement	Replace fence/gates	\$120,800	5339	\$30,200	CTF	\$151,000
2020	2 Passenger Buses	County	Bus Purchase	Replace 2 passenger buses	\$740,800	5339	\$185,200	CTF	\$926,000
2020	2 Transit Van Replacement	County	Vehicle Purchase	Replace 2 Transit Vans	\$100,000	STP	\$25,000	CTF	\$125,000
2022	2 Transit Van Replacement	County	Vehicle Purchase	Replace 2 Transit Vans	\$100,000	STP	\$25,000	CTF	\$125,000

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

Chair Kline reported that JCDOT was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Job #	Project	Limits	Description	Fund	Action
2019	130207	Michigan Ave	Michigan Ave – W Parma VL to M-99	Preventative Maintenance	\$501,753 STL \$208,693 Local	Remove
2019	203005	Change from: N Elm Ave Change to: Preventative Maintenance	Pope Church Rd (Crawford Rd to M50) Town Rd (N Parma Rd to Springport Rd) Devereaux Rd (Calhoun Rd to Rogers Rd) Springport Rd (Blackman Rd to Town Rd) Rives Eaton (Perrine Rd to Baseline Rd) Churchill Rd (Rives Eaton Rd to Baseline Rd) Mt. Hope Rd (I-94 to M106) Case Rd (Brooklyn VL to Mill Rd)	Preventative Maintenance	Change from: \$455,073 STL \$113,768 Local Change to: \$4,511,413 STL \$1,503,804 Local	Change Project, Name, Cost & Add Locations

FY	Job #	Project	Limits	Description	Fund	Action
2019		Cement City Rd, Brooklyn Rd & Race Rd	Cement City (Lenawee County Line to Brooklyn VL) Brooklyn Rd (Lenawee County Line to M50) Race Rd (Ann Arbor Rd to Seymour Rd)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Meridian Rd & Bunkerhill Rd	Meridian Rd (Bunkerhill Rd to Ingham County Line) Bunkerhill Rd (M106 to Ingham County Line)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Onondaga Rd & Woodard Rd	Onondaga Rd (M50 to Eaton County Line) Woodard Rd (M50 to M50)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Rives Junction Rd	Rives Junction Rd (Springport Rd to M50 & Rives Twp Line to Rives Eaton Rd)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2020	129619	Norvell Rd	Phal Rd to Raby Rd	Mill & Resurface	\$589,150 STL \$147,287 Local	Remove
2020	130203	O'Neil Dr	O'Neil Dr – Airport Rd to Dead End	Cold Mill & Resurface	\$280,000 STUL \$70,000 Local	Remove
2020		King	Mathews Rd to M60	Resurface	\$504,000 STUL \$196,000 Local	Add
2020		Preventative Maintenance	Various Rds	Preventative Maintenance	\$460,000 STUL \$110,859 State D	Add
2021		McCain Rd & Robinson Rd	Robinson Rd to Spring Arbor Rd Spring Arbor Rd to McCain Rd	Reconstruct	\$604,000 STUL \$151,000 Local	Add
2021		Preventative Maintenance	Various Roads	Preventative Maintenance	\$995,000 STL \$135,859 State D	Add
2022		South St	Jackson City Limits	M50	\$514,400 STUL \$128,600 Local	Add

FY	Job #	Project	Limits	Description	Fund	Action
2022		Preventative Maintenance	Various Roads	Preventative Maintenance	\$915,000 STL \$135,859 State D	Add
2023		Badgley	Horton Rd to Stonewall Rd	Reconstruct	\$553,000 STUL \$138,250 Local	Add
2023		Preventative Maintenance	Various Roads	Preventative Maintenance	\$1,015,000 STL \$135,859 State D	Add

A motion was made by Vice-Chair Dowling, supported by Mr. Wickman, to approve the proposed JCDOT amendments as presented. The motion carried unanimously.

Ms. DeOliveira reported that the villages of Grass Lake, Brooklyn, and Parma were requesting the following amendment to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2019	E. Michigan Ave and N. Union St	Village Limit and E. Michigan Ave to Village Limit and Village Limit	Milling & One Course Asphalt Overlay	STP: \$280,000 State D: \$70,000	New Project

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	Marshall St	Marshall St to W. Brooklyn Village Limit to Brooklyn Rd/N. Main St N Main St (M-50) to Constitution Ave (west Village Limits at Jefferson Rd)	Road Rehabilitation Reconstruction	STP: \$116,000 \$216,000 State D: \$100,000 Local: \$54,000 Total: \$270,000	-Change in work type and project description. -Increase STP (federal) funding -Remove State D funding because not an "all-season" road.

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	N. Union St and S. Union St	North Parma Village Limits to South Parma Village Limits	Milling and One Course Asphalt Overlay	STP: \$200,000 State D: \$25,000 Local: \$25,000 Total: \$250,000	New Project

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

ITEM 7 **2017/2018 ASSET MANAGEMENT PASER REPORT**

Ms. DeOliveira noted that the 2017/2018 Asset Management PASER report has been completed and is available online. The report covers the Region 2 Planning Commission tri-county area of

Hillsdale, Jackson, and Lenawee counties. The PASER information was sent to all of the communities that collected the data, along with TAMC, the state agency that collects and houses the information for communities across the state.

ITEM 8 **JACTS FY 2020-2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) UPDATE**

Ms. DeOliveira reported that the JACTS TIP subcommittee met in January to discuss and reprogram STP funds previously awarded to JCDOT for the reconstruction of McDevitt Avenue in FY 2022 and 2023. JCDOT recently was notified they received \$3.8 million in state funding to reconstruct McDevitt Avenue in FY 2019. The subcommittee reprogrammed the available funding for road projects on South St. in FY 2022, Badgley Road in FY 2023, and Brown St project in 2023.

ITEM 9 **JOINT CITY / COUNTY NON-MOTORIZED PLAN UPDATE**

Ms. DeOliveira stated that the Project Steering Committee Kickoff meeting was held Friday, February 15. The consultants provided an introduction to the project and asked members to talk about their hopes and concerns for the plan. A round of countywide public meetings will be held later this spring offering an opportunity to provide input into the project during the initial development phase. A project website will also be forthcoming to keep the community and committee members informed as the project progresses.

ITEM 10 **OTHER BUSINESS**

Mr. Davis gave a brief update on the 5-Year Transportation Alternatives Program (TAP) report. All of Michigan's 83 counties are competing for this money. The combined City of Jackson and Jackson County Non-Motorized Plan could potentially help bring more TAP money to the Jackson area. Having a non-motorized plan is important in having a project receive TAP funding.

ITEM 11 **PUBLIC COMMENT**

No public comments were received.

ITEM 12 **ADJOURNMENT**

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

Tanya DeOliveira
Principal Transportation Planner

Region 2 Planning Commission



Jackson Area Comprehensive Transportation Study

MINUTES

JACTS POLICY COMMITTEE

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

Thursday, February 21, 2019

Members Present: Keith Acker, Sandstone Charter Township
Mike Brown (Alt.), JATA
Patrick Burtch, City of Jackson
Jon Dowling (Alt.), JACTS Technical Advisory Committee Vice-Chair
David Herlein, Spring Arbor Township
Pete Jancek, Vice-Chair, Blackman Charter Township
Eric Mullen, MDOT
Mike Trudell, Summit Township
Steve Shotwell, Chair, Jackson County Board of Commissioners
Bob Welsh, Region 2 Planning Commission
Dan Wymer, Napoleon Township

Members Absent: Derek Dobies, Mayor, City of Jackson
John Feldvary, Jackson County Airport-Reynolds Field
Howard Linnabary, Leoni Township
Mike Overton, Jackson County Department of Transportation

Others Present: Corey Clevenger, Jackson County Department of Transportation
Tanya DeOliveira, Region 2 Planning Commission
Steve Duke, Region 2 Planning Commission
Mike Rand, Jackson County Department of Transportation
Bret Taylor, Jackson County Department of Transportation
Kelby Wallace, MDOT – Jackson TSC

ITEM 1 CALL TO ORDER

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

ITEM 2 PUBLIC COMMENT

No public comments were received.

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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ITEM 3 APPROVE MINUTES OF THE POLICY COMMITTEE MEETING OF JANUARY 17, 2019 AND RECEIVE THE TECHNICAL ADVISORY COMMITTEE MINUTES OF JANUARY 16, 2019

A motion was made by Vice-Chair Jancek, and supported by Mr. Trudell, to approve the Policy Committee meeting minutes as amended for January 17, 2019 and receive the Technical Advisory Committee meeting minutes of January 16, 2019 as presented. The motion passed unanimously.

ITEM 4 AGENCY STATUS REPORTS

Project status updates were presented by the City of Jackson, Jackson County Department of Transportation (JCDOT), Jackson Area Transportation Authority (JATA), and the Michigan Department of Transportation (MDOT). The City of Jackson reported that they will begin construction on Fourth Street/Horton to Audubon Street on June 3 following the Rose Parade. The Greenwood Avenue/Jackson Street project will be in the June letting. The Francis Street project has been moved to FY 2020. JCDOT reported that the King Road project will be let in April. The Moon Lake Bridge reconstruction is progressing on schedule. JATA reported they are expecting the new plow truck to be delivered by the end of the month. MDOT reported that the Cooper St. bridge over I-94 will be shut down starting the week of March 11.

ITEM 5 APPROVAL OF AMENDMENTS TO THE JACTS FY 2017 – 2020 TIP

Mr. Wallace requested the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2019	206049	PE	US-127	US-127 south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	Fed \$8,200 State \$1,800 Total \$20,000	NH	Phase Add
2019	201002	CON	US-127	Ayres Road to Floyd Road	1.54	Road Capital Preventive Maintenance	Fed \$405,158 State \$89,843 Total \$495,000	NH	Cost Changed from \$733,159
2020	206562	CON	University Region Pavement Marking Retro Readings	All of REGION 2 MPO	3.029	Pavement marking retroreflectivity readings on trunklines in University Region	Fed \$1,944 State \$216 Total \$15,000	HSIP	Phase Add

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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FY	Job no.	Phase	Project Name	Limits	Length	Project Description	Budget	Federal Fund Source	Amendment Type
2020	206049	CON	US-127	US127 south of Hart Road	0.002	Installation of Virtual Weigh Station (VWS) Cameras at two locations	Fed \$42,640 State \$9,360 Total \$104,000	NH	Phase Add
2020	206553	CON	University Regionwide Longline Pavement Markings	All of REGION 2 MPO	3.282	Longitudinal marking application on trunklines in University Region	Fed \$354,456 State \$39,384 Total \$2,735,000	HSIP	Phase Add
2020	206555	CON	University Regionwide Special Pavement Markings	All of REGION 2 MPO	2.315	Special marking application on trunklines in University Region	Fed \$66,096 State \$7,344 Total \$510,000	HSIP	Phase Add
2020	206553	PE	University Regionwide Longline Pavement Markings	All of REGION 2 MPO	3.282	Longitudinal marking application on trunklines in University Region	Fed \$324 State \$36 Total \$2,500	HSIP	Phase Add
2020	206555	PE	University Regionwide Special Pavement Markings	All of REGION 2 MPO	2.315	Special marking application on trunklines in University Region	Fed \$648 State \$72 Total \$5,000	HSIP	Phase Add

A motion was made by Vice-Chair Jancek, supported by Mr. Trudell, to approve the proposed MDOT amendments as presented. The motion carried unanimously.

Mr. Dowling reported that City of Jackson was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Street	Description	Length	Funding	Action
2019	Francis St – Morrell St to Mason St	Reconstruct	0.204	Fed \$587,000 City \$146,750	Move to 2020
2020	Greenwood & Wilkins – Morrell St to Jackson St	Reconstruct	0.186	Fed \$587,000 City \$146,000	Delete
2020	Greenwood/Jackson Morrell St to Franklin St	Reconstruct	0.45	Fed \$783,234 City \$1,227,784	Add

A motion was made by Vice-Chair Jancek, supported by Mr. Wymer, to approve the proposed City of Jackson amendments as presented. The motion carried unanimously.

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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Mr. Brown reported that JATA was requesting the following amendments to the JACTS FY 2017 – 2020, and FY 2020 – 2023 Transportation Improvement Program (TIP):

FY	Project Name	Limits	Work Type	Description	Fed Cost	Fed Fund Source	State Cost	State Fund Source	Total Cost
2019	Fencing/Gates Replacements	County	Facility Improvement	Replace fence/gates	\$120,800	5339	\$30,200	CTF	\$151,000
2020	2 Passenger Buses	County	Bus Purchase	Replace 2 passenger buses	\$740,800	5339	\$185,200	CTF	\$926,000
2020	2 Transit Van Replacement	County	Vehicle Purchase	Replace 2 Transit Vans	\$100,000	STP	\$25,000	CTF	\$125,000
2022	2 Transit Van Replacement	County	Vehicle Purchase	Replace 2 Transit Vans	\$100,000	STP	\$25,000	CTF	\$125,000

A motion was made by Vice-Chair Jancek, supported by Mr. Herlein, to approve the proposed JATA's amendments as presented. The motion carried unanimously.

Ms. Clevenger reported that JCDOT was requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Job #	Project	Limits	Description	Fund	Action
2019	130207	Michigan Ave	Michigan Ave – W Parma VL to M-99	Preventative Maintenance	\$501,753 STL \$208,693 Local	Remove
2019	203005	Change from: N Elm Ave Change to: Preventative Maintenance	Pope Church Rd (Crawford Rd to M50) Town Rd (N Parma Rd to Springport Rd) Devereaux Rd (Calhoun Rd to Rogers Rd) Springport Rd (Blackman Rd to Town Rd) Rives Eaton (Perrine Rd to Baseline Rd) Churchill Rd (Rives Eaton Rd to Baseline Rd) Mt. Hope Rd (I-94 to M106) Case Rd (Brooklyn VL to Mill Rd)	Preventative Maintenance	Change from: \$455,073 STL \$113,768 Local Change to: \$4,511,413 STL \$1,503,804 Local	Change Project, Name, Cost & Add Locations

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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FY	Job #	Project	Limits	Description	Fund	Action
2019		Cement City Rd, Brooklyn Rd & Race Rd	Cement City (Lenawee County Line to Brooklyn VL) Brooklyn Rd (Lenawee County Line to M50) Race Rd (Ann Arbor Rd to Seymour Rd)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Meridian Rd & Bunkerhill Rd	Meridian Rd (Bunkerhill Rd to Ingham County Line) Bunkerhill Rd (M106 to Ingham County Line)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Onondaga Rd & Woodard Rd	Onondaga Rd (M50 to Eaton County Line) Woodard Rd (M50 to M50)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2019		Rives Junction Rd	Rives Junction Rd (Springport Rd to M50 & Rives Twp Line to Rives Eaton Rd)	Preventative Maintenance	\$75,200 STL \$18,800 Local	Add
2020	129619	Norvell Rd	Phal Rd to Raby Rd	Mill & Resurface	\$589,150 STL \$147,287 Local	Remove
2020	130203	O'Neil Dr	O'Neil Dr – Airport Rd to Dead End	Cold Mill & Resurface	\$280,000 STUL \$70,000 Local	Remove
2020		King	Mathews Rd to M60	Resurface	\$504,000 STUL \$196,000 Local	Add
2020		Preventative Maintenance	Various Rds	Preventative Maintenance	\$460,000 STUL \$110,859 State D	Add
2021		McCain Rd & Robinson Rd	Robinson Rd to Spring Arbor Rd Spring Arbor Rd to McCain Rd	Reconstruct	\$604,000 STUL \$151,000 Local	Add
2021		Preventative Maintenance	Various Roads	Preventative Maintenance	\$995,000 STL \$135,859 State D	Add
2022		South St	Jackson City Limits	M50	\$514,400 STUL \$128,600 Local	Add

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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FY	Job #	Project	Limits	Description	Fund	Action
2022		Preventative Maintenance	Various Roads	Preventative Maintenance	\$915,000 STL \$135,859 State D	Add
2023		Badgley	Horton Rd to Stonewall Rd	Reconstruct	\$553,000 STUL \$138,250 Local	Add
2023		Preventative Maintenance	Various Roads	Preventative Maintenance	\$1,015,000 STL \$135,859 State D	Add

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

Ms. DeOliveira reported that the villages of Grass Lake, Brooklyn, and Parma were requesting the following amendments to the JACTS FY 2017 – 2020 Transportation Improvement Program (TIP):

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2019	E. Michigan Ave and N. Union St	Village Limit and E. Michigan Ave to Village Limit and Village Limit	Milling & One Course Asphalt Overlay	STP: \$280,000 State D: \$70,000	New Project

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	Marshall St	Marshall St to W. Brooklyn Village Limit to Brooklyn Rd/N. Main St N Main St (M-50) to Constitution Ave (west Village Limits at Jefferson Rd)	Read Rehabilitation Reconstruction	STP: \$116,000 \$216,000 State D: \$100,000 Local: \$54,000 Total: \$270,000	-Change in work type and project description. -Increase STP (federal) funding -Remove State D funding because not an "all-season" road.

FY	Project	Limits	Work Type & Project Description	Funding & Source	Action
2020	N. Union St and S. Union St	North Parma Village Limits to South Parma Village Limits	Milling and One Course Asphalt Overlay	STP: \$200,000 State D: \$25,000 Local: \$25,000 Total: \$250,000	New Project

A motion was made by Vice-Chair Jancek, supported by Mr. Welsh, to approve the proposed villages' amendments as presented. The motion carried unanimously.

JACTS POLICY COMMITTEE MINUTES

February 21, 2019

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ITEM 6 2017/2018 ASSET MANAGEMENT PASER REPORT

Mr. Duke reported that the 2017/2018 Asset Management PASER report has been completed and is available online. The report covers the Region 2 Planning Commission tri-county area of Hillsdale, Jackson, and Lenawee counties. The City of Jackson and Jackson County information is available in detail in the report.

Vice-Chair Jancek assumed chairing the meeting.

ITEM 7 JACTS FY 2020 – 2023 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) UPDATE

Mr. Duke reported that a new draft list of projects had been developed based on the January JACTS TIP subcommittee meeting for the FY 2020 – 2023 TIP. The Jackson County Department of Transportation received a state appropriation for the McDevitt Avenue project. As a result, the subcommittee reprogrammed previously allocated funds for McDevitt Avenue to South St. in FY 2022, Badgley Road in FY 2023, and Brown St. in FY 2023.

ITEM 8 JOINT CITY / COUNTY NON-MOTORIZED PLAN UPDATE

Ms. DeOliveira reported that the Project Steering Committee Kickoff meeting was held Friday, February 15. The consultant reviewed the project parameters and received positive input from the members. A round of countywide public meetings will be held later this spring providing opportunity for public comment during the plan's development. A project website will be developed enabling community members to provide their input via the internet.

ITEM 9 OTHER BUSINESS

Mr. Mullen briefly reviewed the Transportation Alternatives Program (TAP) 5-year report reviewing the funding and projects awarded during this time period.

ITEM 10 PUBLIC COMMENT

No public comments were received.

ITEM 11 ADJOURNMENT

Vice-Chair Jancek adjourned the meeting at 9:00 AM.

Tanya DeOliveira, AICP
Principal Transportation Planner

TO: JACTS Technical Advisory and Policy Committees

DATE: March 6, 2019

FROM: Jon H. Dowling, P.E.

SUBJECT: TIP Project Status

2018

Fourth Street: Horton to Audubon (Urban) – Roadway resurfacing with a new roundabout at Hickory and Fourth. MSG is the City's consultant. The project was in the MDOT July letting with Bailey Excavating as the low bidder. The area around the roundabout is complete. The project has shut down for the winter with the West Ave and Fourth Street roundabout and the remainder of the paving to be finished next spring with a start date of June 3, 2019 after the Rose Parade on Fourth Street.

Fourth Street and Horton Intersection (Urban) – Intersection realignment and new Traffic Signal. HRC is the City's consultant. The project was in the MDOT August letting with Hoffman as the low bidder. The start date will be on June 3, 2019 after the Rose Parade on Fourth Street.

2019

Greenwood/Jackson Streets: Morrell to Franklin (Urban) – Reconstruct roadway. HRC is the City's consultant on this project. **The Grade Inspection meeting was held on February 11, 2019 and final plans are being prepared to send to MDOT by March 22.**

2020

Francis Street: Morrell to Mason (Urban) – Reconstruct roadway. HRC is the City's consultant on this project and survey and design work has started.



PROJECT REPORT
2017-2020 TIP

March 2019

FY2018

1. Vehicle Procurements
 - a. (1) Utility Work Truck – Vehicle was picked up on Feb. 28th.
2. Facility Upgrades
 - a. Replace HVAC system at main office – Solicited yielded one proposal that exceeded our budget. JATA is working with the architect/engineer to come up with a resolution to keep the project moving forward.

FY2019

1. Vehicle Procurements
 - a. (4) Medium duty vans – First two vans are ordered. We are expecting them to be delivered towards the end of March 2019.
 - b. (1) Gillig Bus Replacement – This bus is ordered and is expected to be delivered either Dec. 2019 or Jan. 2020.
2. Bus & Bus Components
 - a. Replace radio system and bus radios –Project will begin sometime Spring 2019.
3. Facility Upgrades
 - a. Admin office rehab and update – Project will begin in 2019.
 - b. Surveillance upgrades (cameras, gates, etc..) – Project will begin in 2019.



Jackson County

Department of Transportation



Christopher J. Bolt, MPA, PE
Managing Director

Angela N. Kline, PE
Director of Engineering
Deputy Managing Director

Robert D. Griffis
Director of Operations
Deputy Managing Director

Keeping Our Community Safely in Motion...

JACTS Update

March 2019

2018 CARRYOVER PROJECTS

- **KING ROAD**
 - Will be in the April letting.
- **MOON LAKE ROAD BRIDGE**
 - Project is under construction.
- **NORVELL ROAD**
 - This project is shut down for the winter and will begin in the spring.
- **RIVES JUNCTION ROAD PATHWAY**
 - This project will be finished in the spring.
- **WEST MICHIGAN AVE FROM M-60 TO GLASGOW**
 - This project will be finished in the spring.
- **MICHIGAN AVE BRIDGE**
 - We are submitting the final plans to MDOT by end of March.
- **PREVENTATIVE MAINTENANCE**
 - The project will begin in the spring.
 - Preventative Maintenance work is planned for the following roads:
 - Napoleon Road (M-50 to Lee)
 - Berry Road (Lansing to M-106)
 - Callahan Road (W. Michigan to Devereaux)
 - Bowerman Road (Fowler to Cochran)
 - Fowler Road (Rountree to Bowerman)
 - Rountree Road (County line to Fowler)
 - Pink Street (County line to M-124)
 - Territorial Road (M-106 to M-52)

2019 PROJECTS

- **LAURENCE ROAD**
 - We had our G.I. and are making updates to the documents for final submittals.

- **PREVENTATIVE MAINTENANCE, CHIP SEAL - The locations below are on a TIP Amendment as a preventative maintenance project to be completed by Force Account by JCDOT Maintenance crews. The G.I. package has been submitted.**
 - Meridian Rd (Bunkerhill Rd to Ingham County Line) and Bunkerhill Rd (M106 to Ingham County Line)
 - Cement City Rd (Lenawee County Line to Brooklyn Village Limits), Brooklyn Rd (Lenawee County Line to M50) and Race Rd (I-94 to Seymour Rd)
 - Rives Junction Rd. (Springport to M-50, and Rives Twp Line to Perrine Rd)
 - Onondaga Rd (M50 to Eaton County Line), Woodard Rd (M50 to Maple Lane Rd)

- **PREVENTATIVE MAINTENANCE, 1.5" OVERLAY – The locations below are on a TIP Amendment as a preventative maintenance project to contract out 1.5" overlays. We had the G.I. and are updating the project documents for final submittal.**
 - Pope Church Rd (Crawford Rd to M50)
 - Town Rd (N Parma Rd to Springport Rd)
 - Devereaux Rd (Calhoun Rd to Rogers Rd)
 - Springport Rd (Blackman Rd to Town Rd)
 - Rives Eaton (Perrine Rd to Baseline Rd)
 - Churchill Rd (Rives Eaton Rd to Baseline Rd)
 - Mt. Hope Rd (I-94 to M106)
 - Case Rd (Brooklyn Village Limits to Mill Rd)



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
JACKSON TRANSPORTATION SERVICE CENTER

PAUL AJEGBA
DIRECTOR

March 20, 2019

FY 2019

Construction:

I-94 (M-60 to Sargent) Cooper Street bridge over I-94 closure will begin during the week of March 11th. Closure expected until near October 2019.

I-94 (Over Conrail and the Grand River) – Bridge Replacement

I-94 (M-60 to Sargent Rd) – Reconstruction and rehabilitation

I-94 (M-106 NB & SB (Cooper St)) – Bridge Replacement

M-106 (Ganson to Porter) - CPM resurfacing

M-106 (Lakelands Trail Expansion Phase 1 & 2) – Non-Motorized Trail.

I-94 at Grass Lake Weigh Station Install additional parking. Construction in 2019.

M-124 (US-12 to M-50) is a single course mill & resurface CPM project with TAP funds to pave the gravel shoulder.

M-60 (Chapel to Emerson Rd) – Resurfacing and widening for center left turn lane. Construction expected to begin in March 2019.

US-127 (Ayers to I-94) – CPM project including microsurfacing from Ayers to Floyd and concrete pavement repairs from Floyd to I-94. May be constructed in 2020 to avoid conflicts with I-94 project.

Various traffic signal replacement – Signal modernization project that includes signals at US-127/Jefferson, West Ave (127BR)/Boardman, and EB I-94 exit ramp at West Ave (127BR).

Various routes – pavement markings

Various routes – crack sealing

Design:

M-60 over I-94 - Bridge replacement (2020 construction)

US-127 (I-94 to Parnall) – state funds only, major resurfacing (2020 construction)

M-50 (Brooklyn village limits) – Preventative maintenance resurfacing and ADA ramps (2020 construction)

M-106 and I-94BL – Non-freeway signing upgrade (2020 construction)

I-94 (countywide) – ITS devices (2020 construction)

US-127 (Henry to near Ingham Co Line) – state funds only, major resurfacing (2021 construction)



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

GRETCHEN WHITMER
GOVERNOR

PAUL C. AJEGBA
DIRECTOR

March 4, 2019

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

Dear Mr. Duke:

This letter is sent by the Michigan Department of Transportation (MDOT), on behalf of Jackson County Department of Transportation (JCDOT), to inform the Jackson Area Comprehensive Transportation Study committees of five TIP amendments to the FY 2017-2020 Transportation Improvement Plan (TIP).

Fiscal Year	Job no.	Phase	Project Name	Limits	Length	Project Description	Federal Budget	Federal Fund Source	Local Budget	Total Phase Cost	Amendment Type
2020	206924	CON	Countywide, Jackson County	Countywide	0	Edgeline pavement markings	\$214,250	HSIP	\$23,806	\$238,056	Phase Add
2020	207182	CON	Multiple Routes, Jackson County	Various Locations	0	Upgrade Stop and Stop Ahead signs	\$19,201	HSIP	\$2,134	\$21,335	Phase Add
2020	207225	CON	Jefferson Road	US127 - Hyde Road	1.038	Tree removal, pavement markings, intersection sign upgrades	\$58,500	HRRR	\$6,500	\$65,000	Phase Add
2020	207226	CON	W Michigan Avenue	Chapel Rd - Sandstone Rd	2.013	Tree removal, intersection sign upgrades	\$130,464	HRRR	\$14,496	\$144,960	Phase Add



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

GRETCHEN WHITMER
GOVERNOR

PAUL C. AJEGBA
DIRECTOR

2020	207227	CON	S Jackson Road	S Jackson Road at Lindsey Road	0.233	Intersection realignment, construct turn lanes	\$169,964	HRRR	\$18,885	\$188,849	Phase Add
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Thank you for your attention to this request. If you have any questions or need additional information, please contact me at 517-241-2145.

Sincerely,
Jeff Franklin, Transportation Planner

MURRAY D. VAN WAGONER BUILDING • P.O. BOX 30050 • LANSING, MICHIGAN 48909
www.michigan.gov/mdot • 517-373-2090



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

GRETCHEN WHITMER
GOVERNOR

PAUL C. AJEGBA
DIRECTOR

February 20, 2019

Ms. Denise Donohue, Director
County Road Association of Michigan
417 Seymour, Suite One
Lansing, Michigan 48901-2067

Mr. Matt Bach, Director of Communications
Michigan Municipal League
320 North Washington Square, Suite 100
Lansing, Michigan 48933-1288

Dear Ms. Donohue and Mr. Bach:

Local Bridge Program Deadline for Applications – May 1, 2019

The Michigan Department of Transportation (MDOT) is pleased to announce the solicitation of applications for candidate projects for the Local Bridge Program. Selected projects will be funded during the 2022 fiscal year (FY). Do not submit projects which cannot be committed to construction within FY 2022. The applications can be submitted by the local agency owner or their consultant. All bridge applications submitted in previous years that have not been selected for funding have been discarded. The total number of applications from any one local agency is limited to five.

The FY 2022 Local Bridge Program budget is estimated at \$48 million. This amount may be subject to revisions. We are asking the County Road Association of Michigan and the Michigan Municipal League to distribute this notice to their member agencies.

Applications are to be electronically submitted or postmarked by Wednesday, May 1, 2019.

Refer to the enclosed exhibits for information regarding eligibility and submitting candidate Local Bridge Project Applications.

If you have any questions or need further information, please contact Keith Cooper, Bridge Program Manager, at 517-335-4526 or CooperK@michigan.gov.

Sincerely,

Larry Doyle, P.E.
Division Administrator
Development Services Division

Enclosures

cc: M. Lewis, FHWA
K. Zachary, FHWA
J. LaMacchia II, MML
K. Cooper, MDOT

M. Chynoweth, MDOT
E. Mullen, MDOT
T. Leix, MDOT
Rural Task Forces

MDOT Region Engineers
MDOT Transportation Service Managers
MDOT Local Agency Program Listser Members
Metropolitan Planning Organizations

Exhibit 1 – Bridge Definition and Application Process

Definition

To be eligible for bridge funds, the structure must meet the definition of a bridge, defined as a structure with a total clear span of more than 20 feet, measured along the centerline of the roadway over a stream, watercourse, or opening. For a span bridge, this means the clear opening span, measured face to face at the inside of the abutments, is greater than 20 feet. A multi-unit culvert is considered a bridge if the total length, as measured along the centerline of the roadway, is greater than 20 feet and the distance between the culvert units is less than half the diameter of the smallest unit. This description is referenced in item number 112 of the Michigan Structure Inventory and Appraisal Coding Guide. There are many multi-unit culverts under local agency jurisdiction that qualify as bridges and thus, are required to be on the structure inventory and regularly inspected. Please check multi-unit culverts in your area to see if they qualify under the definition of a “bridge.”

Work Type

An application must list the specific work being applied for in the preventative maintenance and/or rehabilitation categories.

Participation Level

The preventive maintenance, structure rehabilitation and replacement, and approach construction costs may be eligible for a maximum of 95 percent participation from federal and/or state funds. The right-of-way, design engineering, and construction engineering costs are not eligible for Local Bridge Program funds.

Cost Estimates

The current Local Agency Program (LAP)–Bridge Cost Estimate Worksheet, dated 02/01/2019, which indicates per unit cost estimates of various replacement, rehabilitation and preventive maintenance options (Exhibit 4). This information will be helpful in determining estimated construction costs for different types of repairs. All estimates for projects to be constructed in 2022 should incorporate an annual inflationary factor of three percent (3%). If the structure is over a railroad, include the railroad’s flagging and construction fees.

Data Formula Points

The data found on the Structure Inventory and Appraisal (SI&A) form is used in many of the formula rating point calculations and is one item looked at by your Region Bridge Council when considering discretionary rating points. It is very important that this data be current and correct before submitting the application; incorrect data may significantly affect the rating points. When completing an application, the data stated in the supporting documents must match the data found in the SI&A form.

Site Review for Bridge Applications

MDOT bridge personnel will review submitted applications for completeness and determine the preliminary (computer generated) rating points. The LAP bridge staff will perform site visits, verify appropriate scopes of work, and create written site reports. The applications, preliminary rating points, and the site visit reports will then be forwarded to the respective Region Bridge Council for their review and the addition of the discretionary rating points.

Project Estimate vs. Application Estimate

The Local Bridge Advisory Board has set a policy for projects coming in over application estimate. If, at the grade inspection stage, the project estimate exceeds the application estimate, the Region Bridge Council may review the project. The council can decide to accept the project at the increased estimate, cap the project at a percentage above the application estimate, or request an application for additional funds be submitted in the next call for projects. Due diligence must be taken in getting the most reasonable application estimates.

Bridge Application Package and Submission

Please be sure your Structure Number is correct and have your signed resolution, SI&A, Bridge Inspection Report, cost estimate, location and detour maps, project narrative, letters of support, and photos ready to include as attachments. See Exhibit 3 for further details.

Applications can be submitted electronically using the [Local Agency Bridge Program Website](#), or directly at [FY 2022 Local Bridge Program - Call for Applications Submission Sheet](#)

Exhibit 2 – Bridge Scoping and Work Type Definitions

Bridge Scoping

To assist in the bridge scoping and fix selection process, refer to [MDOT's Scoping Manual](#), specifically pages 30 through 48 of Chapter 5, *Signs of Pavement & Bridge Distress and Fix Selection Guidelines*.

Bridge Asset Management Plan

To assist with managing bridge inventory and developing an optimum bridge preservation strategy, a valuable resource is the [Asset Management Guide for Local Bridges](#) in Michigan.

All local agencies are encouraged to submit asset management plans for the bridge applications being submitted. A summary of the local agency's bridge network asset management plan may also be submitted for review.

Replacement

Replacement projects involve replacing the entire substructure, superstructure, deck and necessary approach work. If a multi-use path or sidewalk is planned but does not currently exist, the estimate needs to clearly indicate the costs of these items. If the project is selected for funding, a master plan showing the path or sidewalk must be provided for them to be considered participating in the Local Bridge Program.

The approach costs should be estimated using a minimum of \$35,000 per station, with a minimum approach cost of \$150,000. The estimate needs to account for public utilities such as water mains and sewers, which will need to be altered during construction. Also, if the structure is within a substandard horizontal or vertical alignment, the estimate must account for any possible increase in approach distance.

Replacement projects need to meet current American Association of State Highway and Transportation Officials (AASHTO) guidelines and the Load Factor Resistance Design criteria.

Rehabilitation

Rehabilitation is defined as major work required to restore the structural integrity of a bridge, as well as work necessary to correct major safety defects. These projects are required to meet AASHTO guidelines. If a rehabilitation project is over water, a scour analysis will be required during the design phase and the existing foundations will need to be shown to be stable under a scour event. A structure that is not found to be stable during a scour event may not be allowed to proceed to contract. If making the structure stable results in a change in scope, it may be necessary to re-apply during a future call for applications.

Estimated repair costs for bridge rehabilitation projects will vary by the type of work. Include publicly owned utility relocation costs. Examples of rehabilitation work eligible for funding under the program include:

- Full deck replacement (with or without painting of steel beams)
- Superstructure replacement
- Structure widening
- Removal of existing bridge without replacement

Preventive Maintenance

Preventative Maintenance applications can be a single bridge or multiple bridges submitted for similar preventive maintenance work into one application. This can include multiple agencies working together to submit one application. A multiple bridge application will count as one of the five applications any one agency can submit per year. The Region Bridge Councils will review a multiple structure application as one package and will not rate each structure independently. Preventive Maintenance activities are eligible under the Local Bridge Program.

When applying for a multiple bridge preventative maintenance project, submit each structure individually. For electronic submission, select “PM-Multiple Structure” as the type of work on each form. For paper submission, identify on the cover sheet that each bridge is part of a “PM-Multiple Structure” application. Examples of Preventive Maintenance include:

- Hot mix asphalt (HMA) overlay with waterproofing membrane
- Epoxy deck overlay (Concrete)
- Deck overlay (removing and replacing concrete surface above/below the top mat of steel reinforcement)
- Painting only (full, zone, or spot painting)
- Pin and hanger replacement
- Slope paving repair
- Joint replacement and repair
- Drainage system repair (bridge deck drains and bridge approach downspouts)
- Scour countermeasures
- Concrete crack sealing
- Concrete patching and repair
- Approach pavement relief joint installation
- Temporary supports
- Expansion or construction joint repair
- Guard rail beam retrofit or installation
- Substructure repairs

Exhibit 3 – Application Requirements

1. Submit a narrative which includes the following:
 - a. The responsible local agency contacts person's name, title, mailing address, e-mail and telephone number.
 - b. **Clearly indicate whether the application is for rehabilitation, replacement, and preventive maintenance. For rehabilitation and preventive maintenance, clearly specify work requested for funding.**
 - c. A statement explaining the economic importance of the structure.
 - d. In a short paragraph, if there is currently a detour for the structure, explain "Existing detour currently affects"
 - e. In a short paragraph, if the structure is or would be closed, explain "If the structure is closed, the detour would affect...."
 - f. If the structure is closed, what year the structure was closed.
 - g. A statement of any maintenance done on the structure either past or present.

2. Include the most recent Structure Inventory and Appraisal (SI&A) form and Bridge Inspection Report form (BIR). These forms must have been updated within the 24-month period, prior to May 1, 2019. It is very important that this data be current and correct before submitting the application; incorrect data may significantly affect the rating points. The SI&A and BIR forms must be updated electronically on MiBridge prior to the May 1, 2019 deadline. Do not send in any marked-up forms as we cannot update the data for you.

3. Submit a legible map (8 ½" X 11") showing:
 - a. Emergency facilities such as fire stations, hospitals or police stations.
 - b. Schools and other significant traffic generating facilities.
 - c. The alternate routes or detours which must be used because of load limits or closures.

4. For all applications, include a minimum of two photographs of the following:
 - a. One showing the structure's alignment.
 - b. One showing the structure's profile view.
 - c. If the bridge is posted, include one photograph of the bridge clearly showing the current posting sign.

5. For **rehabilitation** and **preventive maintenance** applications, also include photographs of the following:
 - a. The deck showing the areas of delamination and patches.
 - b. The substructure units showing areas of delaminations/spalls.
 - c. The beams showing areas of cracks and delamination for concrete and local areas of corrosion and/or local failure for steel.

6. Submit a breakdown of the estimated replacement, rehabilitation, and preventive maintenance as follows:
- | | | | |
|----|------------------------|----------|-------|
| A. | Approach Construction | (A) \$ | _____ |
| B. | Structure Construction | (B) \$ | _____ |
| | Total (A & B) | Total \$ | _____ |

Note: Use the attached Cost Estimate Worksheet to calculate the approach and structure costs.

7. Submit a "**Priority List**" listing all the structures that you want rated.
8. **For each application**, submit a current resolution, signed and dated, from the governing board supporting the project. Resolutions from previous applications will not be accepted. Any application not containing a signed resolution for all applications will be considered incomplete, and will be rejected and returned to the owner. Letters of local support are recommended but are not mandatory.
9. If submitting a hard copy, do not staple the application together or put in a booklet or binder, as it needs to be reproduced on a scanner/copier.
10. Any application that is not complete will be rejected and returned to the local agency. Common examples of incomplete applications are those that are missing updated SI&A forms, photos of postings, load ratings, missing resolutions, and priority lists. All completed applications must be postmarked by the May 1, 2019, deadline.
11. All local agencies are encouraged to submit asset management plans for the applications being submitted. A summary of the local agencies bridge network asset management plan may also be submitted for review. Refer to the Asset Management Guide for Local Agency Bridges in Michigan, located on MDOT's Local Agency Bridge Program's website.
12. Previous years' applications have been discarded. The Region Bridge Councils and the Local Bridge Advisory Board will only review applications submitted during the current call for applications. After the applications have been reviewed and projects have been selected for funding, all non-funded bridge applications will be discarded.

Submit Applications:

By E-mail: Fill out form at the link below and attach application (One application per sheet).
Application conversion to pdf is preferred over scanned applications due to file size.
[FY 2022 Local Bridge Program - Call for Applications Submission Sheet](#)

By Mail:
Send applications to:

Rita Levine, P.E.
Local Agency Programs-Development Services Division, MDOT
425 West Ottawa Street
P.O. Box 30050
Lansing, Michigan 48909
Phone: (517) 335-4528

Exhibit 4 - Cost Estimating Worksheet

2019

LAP - BRIDGE COST ESTIMATE WORKSHEET

REV. 2/1/2019

- CPM, REHAB, REPLACE -

OWNER:	FISCAL YEAR:			Out to Out	Curb to Curb	DATE:	2/15/2019
REGION:			LENGTH	WIDTH	WIDTH	ENGINEER:	
TSC:	PR:	MP:				STRUCTURE ID:	
	LOCATION:	over				BRIDGE ID:	
PRIMARY WORK ACTIVITY			DECK AREA:	SFT		STR. TYPE:	
OTHER WORK:			CLEAR ROADWAY:	SFT			

WORK ACTIVITY	Michigan Bridge Design Manual	QUANTITY	UNIT	UNIT COST	TOTAL
NEW BRIDGE <small>(increase deck area based on design standards and hydraulic requirements)</small>					
Single or Multiple Spans, Grade Separation	(add demo, approach, MOT)		SFT	\$220.00 /SFT	
Single Span, Over Water	Length < 100ft (add demo, approach, MOT)		SFT	\$300.00 /SFT	
Multiple Spans, Over Water	Length > 100ft (add demo, approach, MOT)		SFT	\$220.00 /SFT	
Precast Culvert	Length < 40ft (add demo, approach, MOT)		SFT	\$350.00 /SFT	
NEW SUPERSTRUCTURE					
New Superstructure, Grade Separation	(incl. remove exist deck/super; add MOT & approach)		SFT	\$160.00 /SFT	
New Superstructure, Over Water	(incl. remove exist deck/super; add MOT & approach)		SFT	\$200.00 /SFT	
WIDENING					
Structure Widening, _____ ft	(incl. deck/super/sub widening, add approach transition)		SFT	\$270.00 /SFT	
NEW DECK					
New Bridge Deck & Barrier	(incl. remove exist deck/railing, add approach, MOT)		SFT	\$75.00 /SFT	
DEMOLITION					
Entire Structure, Grade Separation			SFT	\$33.00 /SFT	
Entire Structure, Over Water			SFT	\$46.00 /SFT	
DECK REPAIR / TREATMENTS					
Bridge Railing Replacement	(incl. removal and replacement)		FT	\$400.00 /FT	
Concrete Brush Block / Curb Patch	(incl. hand chipping and formwork)		FT	\$20.00 /FT	
Concrete Barrier Patch	(incl. hand chipping and formwork)		SFT	\$60.00 /SFT	
Concrete Deck Patch	(incl. hand chipping)		SFT	\$30.00 /SFT	
Deep Overlay	(incl. joint repl & hydro)		SFT	\$32.00 /SFT	
Epoxy Overlay	(incl. warranty)		SYD	\$30.00 /SYD	
Expansion Joint Gland Replacement	(remove and replace elastomeric gland)		FT	\$85.00 /FT	
Expansion Joint Replacement	(incl. removal)		FT	\$550.00 /FT	
Full Depth Patch			SFT	\$65.00 /SFT	
Healer / Sealer	(penetrates cracks in bridge deck)		SYD	\$15.00 /SYD	
HMA Overlay with WP membrane			SYD	\$52.00 /SYD	
Overlay Removal	(Epoxy: \$8/syd Latex: \$16/syd HMA: \$7/syd)		SYD	\$16.00 /SYD	
Reseal Bridge Joints			FT	\$16.00 /FT	
Shallow Overlay	(incl. joint repl & hydro)		SFT	\$22.00 /SFT	
SUPERSTRUCTURE REPAIR					
Bearing Realignment / Replacement	(incl. temporary supports)		EA	\$5,000.00 EA	
Heat Straightening	(incl. clean and coat)		EA	\$50,000.00 EA	
Pack Rust Repair	(greater than 3/8" separation)		FT	\$500.00 /FT	
Paint - Complete	(incl. clean & coat)		SFT	\$20.00 /SFT	
Paint - Partial / Spot / Zone	(incl. clean & coat - \$20k minimum)		SFT	\$40.00 /SFT	
PCI Beam End Blockout	(incl. temporary supports)		EA	\$7,200.00 EA	
Pin & Hanger Replacement	(incl. temporary supports)		EA	\$7,000.00 EA	
Structural Steel Repair	(based on 6ft length; for stiffeners use \$1,200 ea)		EA	\$3,000.00 EA	
SUBSTRUCTURE REPAIR					
Substructure Patching	(measured x 2) replace if repair area > 30%		CFT	\$260.00 /CFT	
Substructure Replacement	(incl. temporary supports, excavation)		CFT	\$140.00 /CFT	
Substructure Horizontal Surface Sealer			SYD	\$35.00 /SYD	
Temporary Supports	(add \$1,200 for ea steel beam - stiffeners)		EA	\$2,000.00 EA	
MISCELLANEOUS					
Articulating Concrete Block System (ACB)			SYD	\$200.00 /SYD	
Concrete Surface Coating			SYD	\$24.00 /SYD	
Culvert Cleanout			FT	\$30.00 /FT	
Epoxy Crack Injection	(structural crack repair)		FT	\$40.00 /FT	
Metal Mesh Panels	(48" width, max 6'-6" length)		SFT	\$15.00 /SFT	
Pressure Relief Joint	(use when approach concrete roadway exceeds 1,000ft)		FT	\$100.00 /FT	
Riprap	(assume 10ft distance around perimeter of substructure)		SYD	\$160.00 /SYD	
Silane Treatment	(penetrating sealer for concrete surfaces)		SFT	\$3.50 /SFT	
Slope Protection Repairs			SYD	\$100.00 /SYD	
Other					

STRUCTURE CONSTRUCTION BUDGET \$0

ROAD WORK					
Approach Pavement, 12" RC	(incl. removal; add curb, gutter, guardrail) 20' ea. end		SYD	\$175.00 /SYD	
Approach Curb & Gutter	(incl. removal) 20' ea. quadrant		FT	\$54.00 /FT	
Guardrail Anchorage to Bridge	(each quadrant)		EA	\$1,500.00 /EA	
Guardrail	(incl. removal) < 200ft beyond reference line		FT	\$22.00 /FT	
Guardrail Terminal	(each quadrant)		EA	\$2,200.00 /EA	
Roadway Approach Work	(beyond approach pavement)		LSUM		LSUM
Utilities			LSUM		LSUM
TRAFFIC CONTROL <small>Unit Cost to be determined by Region or TSC Traffic & Safety</small>					
Part Width Construction			LSUM		LSUM
Crossovers			EA	\$300,000.00 /EA	
Temporary Traffic Signals			set	\$25,000.00 /set	
RR Flagging			LSUM		LSUM
Detour			LSUM		LSUM

RELATED ROAD/TRAFFIC CONSTRUCTION BUDGET \$0

CONTINGENCY	(10% - 20%) (use higher contingency for small projects)	10	%	\$0.00	\$0
MOBILIZATION	(estimate at 10%)	10	%	\$0.00	\$0
INFLATION	(assume 3% per year, beginning in 2020)	0	%	\$0.00	\$0

(Does not include PE or CE)

TOTAL CONSTRUCTION BUDGET \$0

Memorandum



To: Steve Duke

From: Executive Director, Michael Brown

Date: March 8th, 2019

Subject: Request for Amendments to the future 2020-2023 Transportation Improvement Program (TIP)

The Jackson Area Transportation Authority (JATA) is requesting the Region 2 Planning Commission to approve amendments for FY2020, FY2021, FY2022, and FY2023 to the upcoming FY2020-2023 TIP to add the following estimated transit operating funds for 5311. The 5311 operating funds are 100% federal funded and MDOT typically applies for these funds on the behalf of transit agencies. The total amount is listed below in the federal column, but MDOT requires transit agencies to show an equal match in state funds in JobNet per FTA guidance. There is no local match for these funds.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2020	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$33,755	5311	\$33,755	5311	\$67,510
2021	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$34,659	5311	\$34,659	5311	\$69,318
2022	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$35,598	5311	\$35,598	5311	\$71,196
2023	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$36,572	5311	\$36,572	5311	\$73,144

The Jackson Area Transportation Authority (JATA) is requesting the Region 2 Planning Commission to approve amendments for FY2020, FY2021, FY2022, and FY2023 to the upcoming FY2020-2023 TIP to add the following estimated transit operating funds for 5307. The 5307 operating funds are federally funded. There is a local match for each year that is coming from the city millage that JATA has with the City of Jackson.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	Local Cost	Local Fund Source	Total Project Cost
2020	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	\$545,000	City Millage	\$1,745,000
2021	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	\$546,800	City Millage	\$1,746,800
2022	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	\$548,600	City Millage	\$1,748,600
2023	Transit Operating	County wide	Transit Operations	Transit Operating Funds	\$1,200,000	5307	\$549,700	City Millage	\$1,749,700

The Jackson Area Transportation Authority (JATA) is requesting the Region 2 Planning Commission to approve amendments for FY2021, FY2022, and FY2023 to the upcoming FY2020-2023 TIP to add the following transit capital projects for 5339 funds. These are projects that JATA expects to apply for in each fiscal year and are required to have these included in the TIP. Typically, 5339 capital funds are 80% federally funded and 20% state funded. The total contract amount will be listed in each row/column for each project. There is no local match for these funds.

Fiscal Year	Project Name	Limits	Primary Work Type	Project Description	Federal Cost	Federal Fund Source	State Cost	State Fund Source	Total Project Cost
2021	Replace Paint Booth	County wide	Replacement	Replacing JATA Paint Booth	\$112,800	5339	\$28,200	5339	\$141,000
2021	Replace Transit Vehicles	County wide	Replacement	Replacing Transit Vehicles	\$160,000	STP	\$40,000	STP	\$200,000
2022	Building Expansion at Admin. Facility	County wide	Expansion	Expand JATA Admin. Facility	\$400,000	5339	\$100,000	5339	\$500,000
2023	Replace JATA Parking Facilities	County wide	Replacement	Replacing JATA Parking Facilities	\$457,171	5339	\$114,293	5339	\$571,464

Thank you,



Michael Brown, Director of JATA

**Jackson County Rural Task Force Program Projects
FY 2019 – 2023 (as of March 2019)**

FY 2019

	Work Description	STP Funds	State-D Funds	Local Funds	Total
W Main, Springport (M99-VL) (JN130208)	Resurface	\$216,000	\$0	\$54,000	\$270,000
E. Michigan Ave and N. Union St (JN 206575)	Milling & 1 Course Asphalt Overlay	\$280,000	\$70,000	\$0	\$350,000
Various Roads (JN203005)	1 Course Asphalt Overlay	\$284,746	\$326,275	\$0	\$611,021
S King, Tiffany, Cement City, Brooklyn (Chicago-VL) (JN 129637)	Asphalt Reconstruct	\$176,000	\$0	\$44,000	\$220,000
Meridian Rd and Bunkerhill Rd (JN 206606)	Single Course Chip Seal	\$75,200	\$0	\$18,800	\$94,000
Onondaga Rd and Woodward Rd (JN 206607)	Single Course Chip Seal	\$75,200	\$0	\$18,800	\$94,000
Rives Junction Rd (JN 206608)	Single Course Chip Seal	\$75,200	\$0	\$18,800	\$94,000
Race Rd, Cement City Rd, and Brooklyn Rd (JN 206609)	Single Course Chip Seal	\$75,200	\$0	\$18,800	\$94,000
Total		\$1,257,546	\$396,275	\$173,200	\$1,827,021

FY 2020

	Work Description	STP Funds	State-D Funds	Local Funds	Total
Transit (JN 2063030)	2 vans	\$100,000	\$0	\$25,000	\$125,000
Marshall St, Brooklyn (VL-Brooklyn Rd) (JN 129896)	Asphalt Reconstruction	\$216,000	\$0	\$54,000	\$270,000
Various Roads (JN 206633)	Asphalt Overlay	\$460,000	\$110,859	\$0	\$570,859
N Union St and S Union St (V of Parma Job) (JN 206577)	Milling & 1 Course Asphalt Overlay	\$200,000	\$25,000	\$25,000	\$250,000
Total		\$976,000	\$135,859	\$104,000	\$1,215,859

FY 2021

	Work Description	STP Funds	State-D Funds	Local Funds	Total
Various Roads (JN 206636)	Asphalt Overlay	\$995,000	\$135,859	\$0	\$1,130,859
Total		\$995,000	\$135,859	\$0	\$1,130,859

FY 2022

	Work Description	STP Funds	State-D Funds	Local Funds	Total
Transit (JN 206173)	2 vans	\$100,000	\$0	\$25,000	\$125,000
Various Roads (206637)	Asphalt Overlay	\$915,000	\$135,859	\$0	\$1,050,859
Total		\$1,015,000	\$135,859	\$25,000	\$1,175,859

FY 2023

	Work Description	STP Funds	State-D Funds	Local Funds	Total
Various Roads (JN 206639)	Asphalt Overlay	\$1,015,000	\$135,859	\$0	\$1,150,859
Total		\$1,015,000	\$135,859	\$0	\$1,150,859

Jackson Area Comprehensive Transportation Study (JACTS)
Draft Urban-STP Project List
as of 1/18/2019

Changes in Federal Funding for FY 2017 – 2020 TIP

FY 2019

Agency	Project Name	Limit	Project Description	Federal	Local	Total
City	Greenwood Avenue	Morrell to Franklin	Reconstruct pavement with curb replacement. Reconstruct traffic signal at Morrell.	\$783,234	\$200,396	\$983,630

Federal Funding for FY 2020 – 2023 TIP

FY 2020

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	King Road	Mathews Road to M-60	Resurface	\$504,000	\$196,000	\$700,000
JCDOT	Springport	County Farm Road to Rives Junction	Cold mill and resurface	\$320,000	\$80,000	\$400,000
City	Francis St	Morrell to Mason	Reconstruct pavement with new curb. Reconstruct traffic signal at Morrell	\$587,000	\$146,750	\$733,750
<i>Total</i>				<i>\$1,411,000</i>	<i>\$422,750</i>	<i>\$1,833,750</i>
MDOT	M-49	M-49, M-124, M-50	Non-freeway sign replacement	\$474,850	\$0	\$949,699
MDOT	M-60 E	EB and WB over I-94	Bridge replacement	\$12,858,366	\$0	\$14,287,073
MDOT	Regionwide	Regionwide	Construct sidewalks	\$116,897	\$0	\$129,886
MDOT	M-50	M-124 to Riverside Road	HMA cold milling and single course HMA overlay	\$552,964	\$0	\$675,582
MDOT	M-106	M-106 and I-94 BL	Non-freeway signing upgrade	\$276,000	\$0	\$276,000
MDOT	I-94 BL	Various locations	HMA crack treatment and overband crack fill	\$230,817	\$0	\$282,000
MDOT	1-94 E	Various locations in Jackson County	Install ITS devices along I-94 in Jackson County	\$1,709,176	\$0	\$2,136,471
<i>MDOT Total</i>				<i>\$16,219,070</i>	<i>\$0</i>	<i>\$18,736,711</i>
<i>Annual Total</i>				<i>\$17,630,070</i>	<i>\$422,750</i>	<i>\$20,570,461</i>

FY 2021

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	McCain Road & Robinson Road	Robinson Road to McCain Road	Crush and shape	\$604,000	\$151,000	\$755,000
City	Morrell	Greenwood to Francis	Reconstruct pavement with curb repair	\$776,186	\$194,046	\$970,232
City	Steward	Railroad to Ganson	Mill and HMA resurface with curb repair, Add signal at Steward and Ganson	\$165,098	\$161,347	\$326,445
<i>Total</i>				<i>\$1,545,284</i>	<i>\$506,393</i>	<i>\$2,051,677</i>
MDOT	Regionwide	University Region	Install RWIS stations	\$245,550	\$0	\$300,000
MDOT	Regionwide	Regionwide	Construct sidewalks	\$468,103	\$0	\$520,114
MDOT	East I-94	I-94 at Elm Road	Reconstruct interchange	\$15,951,571	\$0	\$17,723,968
MDOT	US-127 N	North of Henry Road to Jackson/Ingham County Line	HMA Cold Milling and Multi Course HMA Resurfacing	\$10,444,060	\$0	\$12,760,000
MDOT	I-94 E	I-94 under Lansing Ave	Bridge replacement and freeway reconstruct	\$12,834,080	\$0	\$15,680,000
MDOT	Regionwide	Regionwide	Recess pavement markings	\$18,000	\$0	\$20,000
MDOT	M-50	M-50 in Jackson County	Shoulder widening	\$30,559	\$0	\$33,954
<i>MDOT Total</i>				<i>\$39,991,923</i>	<i>\$0</i>	<i>\$47,038,036</i>
Annual Total				\$41,537,207	\$506,393	\$49,089,713

FY2022

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	South St	Jackson City Limits to M-50	Basic resurfacing/2" inch resurfacing	\$514,400	\$128,600	\$643,000
City	West Avenue Signal	Franklin and Washington	Reconstruct traffic signal, reconstruct intersection for three lanes on West Ave and remove signal at Washington Ave	\$471,200	\$117,800	\$589,000
City	Greenwood Ave	Fourth to Morrell	Mill and HWA resurface	\$482,400	\$120,600	\$603,000
<i>Total</i>				<i>\$1,468,000</i>	<i>\$367,000</i>	<i>\$1,835,000</i>
MDOT	Regionwide	University Region	Install RWIS stations	\$2,455,500	\$0	\$3,000,000
MDOT	M-60	Emerson Road to Renfrew Road	2 Course mill and resurface	\$6,150,823	\$0	\$7,514,750
MDOT	I-94 BL	University Region	Install recessed pavement markings	\$6,000	\$0	\$20,000
MDOT	Regionwide	Regionwide	Recess pavement markings	\$236,700	\$0	\$263,000
MDOT	M-50	M-50 in Jackson County	Shoulder widening	\$300,495	\$0	\$333,883

<i>MDOT Total</i>				<i>\$9,149,518</i>	<i>\$0</i>	<i>\$11,131,633</i>
<i>Annual Total</i>				<i>\$10,617,518</i>	<i>\$367,000</i>	<i>\$12,966,633</i>

FY 2023

Agency	Project Name	Limit	Project Description	Federal	Local	Total
JCDOT	Badgley	Horton to Stonewall	Crush and shape widen shoulders (cold and place and asphalt resurfacing)	\$553,000	\$138,250	\$691,250
City	Wildwood	West Avenue to Steward	Mill and HMA resurface	\$277,600	\$69,400	\$347,000
City	Brown	Morrell to Michigan	Mill and HMA resurface. Relocate curb and construct mixed-use non-motorized trail on east side.	\$666,400	166,600	\$833,000
<i>Total</i>				<i>\$1,497,000</i>	<i>\$374,250</i>	<i>\$1,871,250</i>
MDOT	I-94 E	Michigan Avenue to M-60	Reconstruction	\$67,859,916	\$0	\$75,399,907
MDOT	I-94 BL	University Region	Install recessed pavement markings	\$210,000	\$0	\$700,000
MDOT	US-127 N	Over Springport Road and over Conrail	Epoxy Overlay	\$1,586,625	\$0	\$1,938,455
<i>MDOT Total</i>				<i>\$69,656,541</i>	<i>\$0</i>	<i>\$78,038,036</i>
<i>Annual Total</i>				<i>\$71,153,541</i>	<i>\$374,250</i>	<i>\$79,909,286</i>

*Add 1799 Form to mail out. (1797 for transit.)