

NOTICE OF MEETING

Des Moines Area Metropolitan Planning Organization (MPO) Transportation Technical Committee

9:30 a.m., February 2, 2023
Virtual Meeting

OR Dial 1-312-626-6799, Meeting ID: 890 559 757 21

TENTATIVE AGENDA

1. **Call To Order**
2. **VOTE: Approval of Agenda**
3. **VOTE: Approval of Meeting Minutes.....**Page 2
 - Approve the January 5, 2023, meeting minutes.
4. **PRESENTATION: Iowa DOT “What Drives You” Driver Safety Campaign** Page 6
 - Presentation on the Iowa DOT’s driver’s safety campaign.
5. **REPORT and VOTE: Election of Calendar Year 2023 Officers** Page 7
 - Receive the Nominating Committee’s recommendation for the Technical Committee’s Chair and Vice-Chair positions; consider approval.
6. **REPORT and VOTE: FFY 2023-2026 Transportation Improvement Program Amendment** Page 8
 - Report on FFY 2023-2026 Transportation Improvement Program amendments from the City of Des Moines; consider approval.
7. **REPORT and VOTE: MPO Appointment to SUDAS Board of Directors** Page 10
 - Report on the need for the MPO to appoint a representative to the Statewide Urban Design and Specifications Board of Directors and call for nominations; consider approval.
8. **REPORT and VOTE: Iowa DOT 2019-2023 Safety Performance Targets (PM1).....** Page 11
 - Report on the Iowa DOT’s 2019-2023 safety performance targets; consider approval.
9. **REPORT and VOTE: Iowa DOT 2022-2025 Pavement and Bridge Performance Targets (PM2).....**Page 12
 - Report on the Iowa DOT’s 2022-2025 pavement and bridge performance targets; consider approval.
10. **REPORT and VOTE: Iowa DOT 2022-2025 System and Freight Performance Targets (PM3) .** Page 13
 - Report on the Iowa DOT’s 2022-2025 system and freight performance targets; consider approval.
11. **REPORT: FY 2024 Unified Planning Work Program and Budget Development.....** Page 14
 - Discussion on the process to develop the upcoming work program and budget for FY 2024.
7. **REPORT: FFY 2024-2027 Transportation Improvement Program Development.....** Page 15
 - Report on the FFY 2024-2027 Transportation Improvement Program Schedule.
8. **REPORT: Upcoming Events** Page 16
9. **Other Non-Action Items of Interest to the Committee**
10. **Next Meeting Date – March 2, 2023, at 9:30 a.m.**
11. **Adjournment**

The established protocol for minutes of this meeting will be to list all attendees, and with each item on which a vote is conducted in the ordinary course in order to take formal action, those voting nay or abstaining will be identified by name. Any member who is absent from the meeting for any period of time during which a vote of the body is taken, is expected to notify the recording secretary at the conclusion of the meeting so that the absence can be duly noted in the minutes. Roll Call votes will be taken as required by law or upon the request of any member that is approved by the chair, and the vote of each member for or against the proposition, or abstention, will be incorporated in the minutes or recorded on a separate sheet attached to the minutes.

The MPO receives federal funding and may not discriminate against anyone on the basis of race, color, or national origin, according to Title VI of the Civil Rights Act of 1964. For more information or to obtain a Title VI Complaint form, visit www.dmampo.org/title-vi/ or call 515-334-0075.

February 2023
Item No. 3

ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the January 5, 2023, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the January 5, 2023, MPO Technical Committee meeting is included on the following pages.

RECOMMENDATION:

Approve the minutes of the January 5, 2023, MPO Technical Committee meeting.

STAFF CONTACT:

Tracey Deckard, tdeckard@dmampo.org
(515) 334-0075

MEETING MINUTES

Des Moines Area Metropolitan Planning Organization Transportation Technical Committee

9:30 a.m., Thursday, January 5, 2023

The MPO TTC held a virtual meeting at 9:30 a.m., January 5, 2023. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on December 29, 2022.

Representatives Present:

Amy Quartell | City of Ankeny
Mark Mueller | City of Ankeny
John Horton | City of Bondurant
Jeff May | City of Clive
Al Miller | Dallas County
John A Davis | City of Des Moines
Thomas Vlach | City of Des Moines
Michael Ludwig | City of Des Moines
Luis Montoya | DART
Matt Ahrens | City of Grimes
Charlie Dissell | City of Indianola**
Dave Wilwerding | City of Johnston
Tom Leners | Madison County **
Luke Parris | City of Norwalk
Madeline Sturms | City of Pleasant Hill
Chelsea Huisman | City of Polk City
Bret VandeLune | Polk County
John Larson | City of Urbandale
David Carroll | Warren County
Rudy Koester | City of Waukee
Eric Petersen | City of West Des Moines
Brian Hemsath | City of West Des Moines
Justin Ernst | City of Windsor Heights
Brian Belt | DSM International Airport
Julia Castillo | HIRTA
Andy Loonan | IDOT

Representatives Absent:

John Dostart | City of Altoona
Jeff Schug | City of Carlisle
Kathie Hungerfield | City of Cumming
Dustin Tieg | City of Elkhart
Paul Green | City of Mitchellville
Dave Herman | City of Van Meter
Johnnie Gibson | FHWA
Gerri Doyle | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative

Staff Present:

Todd Ashby | Executive Director
Zach Young | Planning Manager
Andrew Collings | Principal Planner
Tracey Deckard | Office Manager
Gunnar Olson | Communications and Strategy Mgr.
Zhi Chen | Senior Planner
Lucas Young | Senior Planner
Rhonda Miller | Accountant

Others Present:

1. **Call to Order**
TTC Vice Chair recognized a quorum and called the January 5, 2023, meeting to order at 9:32 a.m.
2. **Approval of Agenda**
MOTION: A motion was made by Mueller and seconded by Koester to approve the MPO TTC's meeting agenda.
MOTION CARRIED UNANIMOUSLY
3. **Approval of Meeting Minutes**
MOTION: A motion was made by Huisman and seconded by Mueller to approve the MPO TTC November 3, 2022, meeting minutes.
MOTION CARRIED UNANIMOUSLY
4. **FFY 2023-2026 Transportation Improvement Program Amendments**
Planning Manager presented. Recommend approval of the FFY 2023-2026 Transportation Improvement Program Amendments from the City of Des Moines, City of Johnston, and the City of West Des Moines.
MOTION: A motion was made by Davis and seconded by Sturms to approve the FFY 2023-2026 Transportation Improvement Program Amendments.
MOTION CARRIED UNANIMOUSLY
5. **FFY 2022-2026 Passenger Transportation Plan Draft**
Staff presented. Recommend approval of the draft FFY 2022-2026 Passenger Transportation Plan Draft.
MOTION: A motion was made by Davis and seconded by Mueller to approve the draft FFY 2022-2026 Passenger Transportation Plan Draft
MOTION CARRIED UNANIMOUSLY
6. **Fiscal Year 2024 Unified Planning Work Program and Budget Development**
Assistant Manager presented. Report on the process to develop the next work program and budget. Report and discussion only.
7. **RAISE Grant Notice of Funding Opportunity**
Planning Manager presented. Update on the release of the RAISE grant Notice of Funding Opportunity. Must be submitted by February 28, 2023.
Report and discussion only.
8. **Iowa DOT 2019-2023 Safety Performance Targets (PM1)**
Staff presented. Report on the Iowa DOT's 2019-2023 safety performance targets.
Report and discussion only.
9. **Iowa DOT 2022-2025 Pavement and Bridge Performance Targets (PM2)**
Staff presented. Report on the Iowa DOT's 2022-2025 pavement and bridge performance targets.
Report and discussion only.
10. **Iowa DOT 2022-2025 System and Freight Performance Targets (PM3)**
Staff presented. Report on the Iowa DOT's 2022-2025 System and Freight Performance Targets.
Report and discussion only.
11. **Greenhouse Gas Inventory Update**
Staff presented. Update on the community-wide and regional greenhouse gas inventories. Staff is finalizing the inventories which will be released on the MPO website.
Report and discussion only.

12. Upcoming Events

Information only.

13. Other Non-Action Items of Interest to the Committee

None.

14. Next Meeting Date

The next meeting will be held at 9:30 a.m., on Thursday, February 2, 2023.

15. Adjournment

The MPO TTC's January 5, 2023, meeting was adjourned at 9:49 a.m.

February 2023
Item No. 4**ISSUE: Iowa DOT “What Drives You” Driver Safety Campaign**

PRESENTATION: Iowa DOT staff will present on the new driver safety campaign, “What Drives You.”

BACKGROUND:

The Iowa DOT is on a mission to reduce fatalities by changing driver behaviors and attitudes. The “What Drives You” is a public information campaign to help drivers consider “what drives them” to make safer decisions on the road.

- Website: <https://whatdrivesyouiowa.org/>
- Facebook: <https://www.facebook.com/WhatDrivesYouIowa>
- Instagram: @whatdrivesyouiowa (<https://www.instagram.com/whatdrivesyouiowa/>)
- Twitter: @WhatDrivesYou ((<https://twitter.com/whatdrivesyou>)
- Blog: <https://www.transportationmatters.iowadot.gov/>

RECOMMENDATIONS:

None. Presentation only.

STAFF CONTACT:

Zhi Chen, zchen@dmampo.org
(515) 334-0075

February 2023
Item No. 5

ISSUE: Election of Calendar Year 2023 Officers

VOTE: Consider approval of the Nominating Committee's recommendation for Calendar Year (CY) 2023 Technical Committee Chair and Vice-Chair positions.

BACKGROUND:

The MPO Transportation Technical Committee Chair, Steve Naber, appointed Mike Ludwig, David Wilwerding, and John Dostart to serve on the annual Nominating Committee to prepare a slate of candidates for the election of MPO TTC Chair and MPO TTC Vice-Chair for the upcoming calendar year.

The Nomination Committee has recommended that the current officers continue in their roles for CY 2023. The current officers include:

Steve Naber, City of Des Moines – Chair
Luis Montoya, DART– Vice Chair

The Nominating Committee will present their recommendations at the February 2, 2023, meeting. Other nominations may be made by Technical Committee members at that time. Once nominations are made, the Technical Committee will vote on officers at the February 2nd meeting. The CY 2023 Chair and Vice-Chair will assume their responsibilities beginning in March 2023.

RECOMMENDATION:

Approve the Calendar Year 2023 Chair and Vice-Chair.

STAFF CONTACT:

Dylan Mullenix, dmullenix@dmampo.org
(515) 334-0075

February 2023
Item No. 6

ISSUE: *FFY 2023-2026 Transportation Improvement Program Amendments*

REPORT and VOTE: Consider approval of the following amendments to the *Federal Fiscal Year 2023-2026 Transportation Improvement Program*.

BACKGROUND:

Amendments require approval by the MPO Policy Committee, and the public will have an opportunity to comment on the proposed amendments at the February 16, 2023, Policy Committee Meeting.

The details regarding the proposed amendments are included on the following page.

RECOMMENDATIONS:

Recommend approval of the proposed *Federal Fiscal Year 2023-2026 Transportation Improvement Program* amendments.

STAFF CONTACTS:

Zach Young, zyoung@dmampo.org
(515) 334-0075

FFY 2023-2026 Transportation Improvement Program Amendments

Sponsor: City of Des Moines

Project: Walnut Street Bridge Replacement

Federal Aid Amount: \$3,400,000

Total Cost: \$11,000,000

Type of Funding: STBG

Change: Move project to FFY 2024 and increase total cost to \$21,000,000

February 2023
Item No. 7

ISSUE: MPO Appointment to SUDAS Board of Directors

REPORT: Report regarding the nomination of a technical representative to the Statewide Urban Designs and Specifications Board of Directors.

BACKGROUND:

The MPO periodically appoints a technical representative to serve as the MPO's representative to the Statewide Urban Designs and Standards (SUDAS) Board of Directors. The SUDAS representative is required to be a licensed professional engineer (P.E.). Mark Mueller, with the City of Ankeny, has been the MPO's representative since August 2016. Mr. Mueller's term is expiring, and he has offered to continue serving in this role if the board reappoints him.

RECOMMENDATION:

Recommend reappointment of Mark Mueller as the MPO representative on the Statewide Urban Design and Specifications Board of Directors.

STAFF CONTACT:

Todd Ashby, tashby@dmampo.org
(515) 334-0075

February 2023
Item No. 8

ISSUE: Iowa DOT 2019-2023 Safety Performance Targets (PM1)

REPORT: Report on the Iowa DOT's 2019-2023 safety performance targets.

BACKGROUND:

As part of the Federal Highway Administration's (FHWA) Highway Safety Improvement Program (HSIP), MPOs can either (1) support their state department of transportation's (DOT) targets or (2) establish their own targets for their planning area. In August 2022, the Iowa DOT established statewide safety performance targets for the 2019-2023-period. The Des Moines Area MPO has 180 days, or until February 27, 2023, to either support the Iowa DOT's statewide targets or set its own regional targets. There are no penalties for MPOs that do not meet or make significant progress towards the safety performance targets. A memo from the Iowa DOT summarizing the targets and target setting methodology is attached.

Previously, the Des Moines Area MPO adopted the Iowa DOT's statewide safety performance targets.

Performance Measure	Five-year Rolling Averages	
	2017-2021 Baseline	2019-2023 Target
Number of Fatalities	337.2	351.4
Fatality Rate*	1.029	1.073
Number of Serious Injuries	1,376.4	1,398.2
Serious Injury Rate*	4.193	4.264
Non-Motorized Fatalities and Serious Injuries	130.0	134.4

**Rates are per 100 million vehicle miles traveled (VMT)*

RECOMMENDATIONS:

Recommend approval of the Iowa DOT 2019-2023 Safety Performance Targets (PM1).

STAFF CONTACT:

Zhi Chen
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(515) 334-0075

February 2023
Item No. 9

ISSUE: Iowa DOT 2022-2025 Pavement and Bridge Performance Targets (PM2)

REPORT: Report on the Iowa DOT's 2022-2025 pavement and bridge performance targets.

BACKGROUND:

The Moving Ahead for Progress in the 21st Century (MAP-21) Act and the Fixing America's Surface Transportation (FAST) Act established pavement and bridge conditions national performance measures (PM2) for state department of transportation (DOT) and metropolitan planning organizations (MPOs). Targets are set every 2 and 4 years, with the first targets set in calendar year (CY) 2018 for the CY 2018-2021 performance period. For the second reporting period of CY 2022-2025, the Iowa DOT set its 2- and 4-year PM2 targets in October 2022. The Des Moines Area MPO has 180 days, or until April 1, 2023, to support the Iowa DOT's statewide 4-year targets or set its own regional targets. There are no penalties for MPOs that do not meet or make significant progress towards the performance targets. A memo from the Iowa DOT summarizing the targets and target setting methodology is attached.

Previously, the Des Moines Area MPO adopted the Iowa DOT's statewide pavement and bridge performance targets.

	Topic	Performance measure(s)	Baseline (CY 2021 data)	Proposed 2-year target (CY 2023 data)	Proposed 4-year target (CY 2025 data)
PM2	Pavement	Percentage of pavements of the Interstate System in Good condition	58.8%	55.0%	55.0%
		Percentage of pavements of the Interstate System in Poor condition	0.4%	3.0%	3.0%
		Percentage of pavements of the non-Interstate NHS in Good condition	37.9%	35.0%	35.0%
		Percentage of pavements of the non-Interstate NHS in Poor condition	3.7%	6.0%	6.0%
	Bridge	Percentage of NHS bridges classified as in Good condition	48.6%	52.5%	56.0%
		Percentage of NHS bridges classified as in Poor condition	2.4%	5.0%	6.6%

RECOMMENDATIONS:

Recommend approval of the Iowa DOT 2022-2025 Pavement and Bridge Performance Targets (PM2).

STAFF CONTACT:

Zhi Chen, zchen@dmampo.org
(515) 334-0075

February 2023
Item No. 10

ISSUE: Iowa DOT 2022-2025 System and Freight Performance Targets (PM3)

REPORT: Report on the Iowa DOT's 2022-2025 system and freight performance targets.

BACKGROUND:

The Moving Ahead for Progress in the 21st Century (MAP-21) Act and the Fixing America's Surface Transportation (FAST) Act established system and freight national performance measures (PM3) for state department of transportation (DOT) and metropolitan planning organizations (MPOs). Targets are set every 2 and 4 years, with the first targets set in calendar year (CY) 2018 for the CY 2018-2021 performance period. For the second reporting period of CY 2022-2025, the Iowa DOT set its 2- and 4-year PM3 targets in October 2022. The Des Moines Area MPO has 180 days, or until April 1, 2023, to support the Iowa DOT's statewide 4-year targets or set its own regional targets. There are no penalties for MPOs that do not meet or make significant progress towards the performance targets. A memo from the Iowa DOT summarizing the targets and target setting methodology is attached.

Previously, the Des Moines Area MPO adopted the Iowa DOT's statewide system and freight performance targets.

	Topic	Performance measure(s)	Baseline (CY 2021 data)	Proposed 2-year target (CY 2023 data)	Proposed 4-year target (CY 2025 data)
PM3	System Performance	Percent of person-miles traveled on the Interstate that are reliable	99.9%	98.0%	98.0%
		Percent of person-miles traveled on the non-Interstate NHS that are reliable	96.5%	94.0%	94.0%
	Freight	Truck Travel Time Reliability Index (Interstate only)	1.13	1.25	1.25

RECOMMENDATIONS:

Recommend approval of the Iowa DOT 2022-2025 System and Freight Performance Targets (PM3).

STAFF CONTACT:

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February 2023
Item No. 11

ISSUE: *Fiscal Year 2024 Unified Planning Work Program* and Budget Development

REPORT: Discussion of the process to develop the next work program and budget.

BACKGROUND:

MPO staff is beginning to develop the *Fiscal Year 2024 Unified Planning Work Program* (FY 2024 UPWP) and budget, which will document all planning activities the MPO will perform from July 1, 2023, through June 30, 2024. The Iowa Department of Transportation (DOT) requires the UPWP to describe the MPO's proposed planning activities – including task objectives, previous work, project descriptions, and work products – as well as the budget and funding sources to carry out the planning activities. The Iowa DOT requires the MPO to submit a draft UPWP by April 1, 2023, and a final UPWP by June 1, 2024.

The MPO staff asks for input from member governments and participating agencies on planning tasks for FY 2024 throughout the development of the UPWP. In particular, MPO staff would welcome any proposals for special studies, plans, or other activities, as well as requests for local planning assistance.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Dylan Mullenix, dmullenix@dmampo.org
(515) 334-0075

February 2023
Item No. 12

ISSUE: FFY 2024-2027 Transportation Improvement Program Development

REPORT: Report on the process to develop the *Federal Fiscal Years 2024-2027 Transportation Improvement Program*.

BACKGROUND:

The Federal Highway Administration (FHWA) requires that the MPO annually develop a four-year Transportation Improvement Program (TIP) that details the use of federal funds for transportation projects in the Metropolitan Planning Area.

The MPO staff will begin working on the *Federal Fiscal Years 2024-2027 Transportation Improvement Program* (FFY 2024-2027 TIP) by providing each MPO member government and participating agency a listing of their current TIP projects and associated information from the Iowa Department of Transportation's Transportation Program Management System (TPMS) for review and update.

The MPO staff requests that member governments and agencies determine if projects currently programmed for FFY 2023 will receive FHWA authorization to proceed with development before October 1, 2023. If a project does not receive FHWA authorization before October 1, 2023, then the project will need to "roll-over" to a future year in the TIP.

The MPO staff distributes status reports to member governments that currently have projects programmed in the TIP. Over the coming months, staff will contact each of these member governments to discuss the details of their respected projects.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACTS:

Zach Young, zyoung@dmampo.org
(515) 334-0075

February 2023
Item No. 13

ISSUE: Upcoming Events

REPORT: Report on upcoming events of regional interest.

BACKGROUND:

Staff will highlight upcoming events, trainings, and other opportunities of interest to representatives of MPO member governments.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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(515) 334-0075