

NOTICE OF MEETING

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

–
**9:30 a.m., August 4, 2022
Virtual Meeting**

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

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TENTATIVE AGENDA

- 1. Call To Order**
- 2. VOTE: Approval of Agenda**
- 3. VOTE: Approval of Meeting Minutes..... Page 2**
 - Approve the July 7, 2022, meeting minutes.
- 4. PRESENTATION: Iowa DOT Regional Projects Update Page 5**
 - Representatives from the Iowa Department of Transportation will provide an update on projects in the region.
- 5. REPORT and VOTE: Safe Streets for All Grant Page 6**
 - Update regarding the US DOT Safe Streets for All Grant opportunity; consider approval.
- 6. REPORT: FY 2024 Iowa Clean Air Attainment Program Pre-Applications Page 7**
 - Report regarding Federal Fiscal Year 2024 Iowa Clean Air Attainment Program applications.
- 7. REPORT: EV Workshop Series Development & Survey..... Page 9**
 - Report on MPO staff's development of an EV workshop series, including a request from TTC members for input.
- 8. REPORT: Upcoming Events Page 10**
- 9. Other Non-Action Items of Interest to the Committee**
- 10. Next Meeting Date – September 1, 2022, 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.

August 2022
Item No. 3

ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the July 7, 2022, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the July 7, 2022, MPO Technical Committee meeting is included on the following pages.

RECOMMENDATION:

Approve the minutes of the July 7, 2022, 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, July 7, 2022

The MPO TTC held a virtual meeting at 9:30 a.m., July 7, 2022. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on June 30, 2022.

Representatives Present:

John Dostart | City of Altoona
Amy Quartell | City of Ankeny
Maggie Murray | City of Bondurant
Jeff May | City of Clive
Al Miller | Dallas County
John A Davis | City of Des Moines
Steve Naber | City of Des Moines
Bert Drost | 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
Kristin Brostrom | City of Urbandale
Rudy Koester | City of Waukee
Eric Petersen | City of West Des Moines
Karen Marren | City of West Des Moines
Dalton Jacobus | City of Windsor Heights
Darla Hugaboom | FHWA
John Gibson | FHWA
Andy Loonan | IDOT

Representatives Absent:

Mark Mueller | City of Ankeny
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
David Carroll | Warren County
Brian Belt | DSM International Airport
Julia Castillo | HIRTA
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
Allison van Pelt | Senior Planner
Zhi Chen | Senior Planner
Gunnar Olson | Communications & Strategy Manager
Aspen Pflanz | Associate Planner
Caleb Knutson | MIPA Senior Planner
Lucas Young | Intern
Enya Sid | Intern

Others Present:

Mark Beeman | NVI Advanced Materials Group
Perry Beeman | NVI Advanced Materials Group
Andrew LaCroix | NVI Advanced Materials Group
Matt Riesberg | Traffic Control Corporation
Mike Yonker | Grimes Asphalt
Clifford Leonard | Public

1. **Call to Order**
TTC Chair recognized a quorum and called the July 7, 2022, meeting to order at 9:30 a.m.
2. **Approval of Agenda**
MOTION: A motion was made by Huisman and seconded by Sturms to approve the MPO TTC's meeting agenda.
MOTION CARRIED UNANIMOUSLY
3. **Approval of Meeting Minutes**
MOTION: A motion was made by Koester and seconded by Huisman to approve the MPO TTC June 2, 2022, meeting minutes.
MOTION CARRIED UNANIMOUSLY
4. **PRESENTATION: New Village Initiative Advanced Materials Group (NVIAMG)**
Representatives of New Village Initiative Advanced Materials Group and Grimes Asphalt and Paving Corp. presented about the use of a polymer-based asphalt additive to increase pavement durability.
5. **Final FFY 2023-2026 Transportation Improvement Program**
Staff presented. Recommend approval of the Final Federal Fiscal Years 2023-2026 Transportation Improvement Program.
MOTION: A motion was made by Dostart and seconded by Koester to approve the final Federal Fiscal Years 2023-2026 Transportation Improvement Program.
MOTION CARRIED UNANIMOUSLY
6. **MIPA Update**
MIPA Senior Planner presented. Provided an update on MIPA progress and future activities planned. Report and discussion only.
7. **Iowa's Clean Air Attainment Program Applications**
Planning Manager presented. Report to provide dates and deadlines for submitting applications for the FFY 2024 Iowa Clean Air Attainment Program (ICCAP)
Report and discussion only.
8. **Safe Streets for All Grant**
Planning Manager presented. Update on the Safe Streets for All Grant application. Policy Committee approved the request for the MPO to pursue this grant funding with the caveat that staff provide more details on local match prior to submitting the application.
Report and discussion only.
9. **Upcoming Events**
Information only.
10. **Other Non-Action Items of Interest to the Committee**
None.
11. **Next Meeting Date**
The next meeting will be held at 9:30 a.m., on Thursday, August 4, 2022.
12. **Adjournment**
The MPO TTC's July 7, 2022, meeting was adjourned at 10:08 a.m.

August 2022
Item No. 4

ISSUE: Iowa Department of Transportation

PRESENTATION: Representatives from the Iowa Department of Transportation will provide an update on projects in the region.

BACKGROUND:

Representatives from the Iowa Department of Transportation will provide an update on current and future projects happening in the Greater Des Moines region.

RECOMMENDATION:

None. Presentation and discussion only.

STAFF CONTACT:

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

August 2022
Item No. 5**ISSUE: Safe Streets for All Grant**

REPORT and VOTE: Update regarding the Safe Streets for All Grant; consider approval.

BACKGROUND:

As discussed at the July meeting, the Safe Streets for All program is a new grant opportunity created through the recent infrastructure bill. In late May, the US DOT released additional grant details and application instructions.

The grant will provide \$1 billion in each of the next 6 years. For Fiscal Year 2023, two different funding pools are available:

- Funds to develop a Comprehensive Safety Action Plan
 - US DOT will make several hundred awards
 - Award amounts range from \$200,000 to \$1 million for single jurisdictions, or up to \$5 million for MPOs/multijurisdictional applications
- Implementation Funds
 - US DOT will make up to 100 awards
 - Award amounts range from \$5 million to \$30 million for single jurisdictions, or up to \$50 million for MPO/multijurisdictional applications
 - Applicants must already have a qualified Action Plan to be eligible

Upon reviewing the application guidance, MPO staff does not believe an eligible Action Plan already exists for the planning area; therefore, the MPO and its communities would be ineligible for implementation funds until one is developed.

MPO has received interest from several MPO member communities about applying for this opportunity. The Transportation Technical Committee discussed this opportunity at its July 7, 2022, meeting and was supportive of the MPO applying for a regional Action Plan.

Staff is proposing applying for \$800,000 in federal funds which would require a local match of \$200,000 that would come from the MPO's reserve fund if the application is awarded.

RECOMMENDATIONS:

Recommend approval for the MPO staff to develop a Safe Streets for All grant application for a regional Comprehensive Safety Action Plan.

STAFF CONTACT:

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

August 2022
Item No. 6

ISSUE: FY 2024 Iowa Clean Air Attainment Program Pre-Applications

REPORT: Report on Federal Fiscal Year 2024 Iowa Clean Air Attainment Program applications.

BACKGROUND:

Pre-applications for Federal Fiscal Year 2024 Iowa Clean Air Attainment Program applications were due on July 26, 2022. Staff will provide an overview of the pre-applications at the August meeting.

The ICAAP Schedule moving forward is as follows:

- **July 26, 2022** – Pre-Applications due to the MPO
- **August 2022** – Pre-Application presented to the Transportation Technical, Executive, and Policy Committee's for review.
- **September 2022** – Pre-Applications are presented to Technical, Executive, and Policy Committee's for approval and ICAAP resolutions are forwarded to project sponsor to include in the final application to the Iowa Department of Transportation.
- **October 1, 2022** – Project sponsors submit their application to the Iowa Department of Transportation (sponsors are required to send an electronic copy of final application to the MPO staff).

The list of submitted pre-applications is available on the following page.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACTS:

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

FFY 2024 ICAAP Pre-Applications

Primary Sponsor	Secondary Sponsor	Project Title	Project Description	Total Estimated Project Cost	ICAAP Funding Request
Altoona		City of Altoona Intelligent Transportation System (ITS) Master Plan	<p>Development of a city-wide Intelligent Transportation System (ITS) Master Plan that would guide future deployment of all advanced technologies meant to improve transportation operations and reduce vehicle emissions.</p> <p>The ITS Master Plan will allow the city to optimally leverage the considerable investment in their city-wide fiber communication system to monitor and improve traffic flows on major corridors and around key event centers, like Adventureland Park and Prairie Meadows. Improving traffic flow will help mitigate increasing emissions associated with delays at traffic signals, numerous event related back-ups, and significant trolling for event center parking spots.</p> <p>Overall, the Altoona ITS Master Plan will serve to document and benchmark existing conditions and define a path forward for implementing new technologies across the city to effectively monitor and manage traffic. These types of projects that develop comprehensive master plans for cities to relieve traffic congestion and reduce pollution along major arterial corridors have been successfully funded by Iowa Department of Transportation ICAAP grants in other cities across Iowa.</p>	\$95,000	\$76,000
DART	Bondurant	Route #17 Extension to Bondurant - Year 3	In November 2020 DART extended service on Route #17 from the Outlets of Des Moines to 1st Street N and NE 62nd Avenue in Bondurant. This extension of service provides the citizens of Bondurant daily fixed-route transit options in addition to the weekly on-call route that connects Bondurant to the cities of Altoona and Ankeny with transfer options to Des Moines. The extension of service also coincided with the opening of the Amazon facility, providing transportation options for the 1,000 new full-time positions that were created. The estimated net annual operating costs for the third year of the extension are \$65,500, with DART requesting 80% in ICAAP funding or \$52,400.	65500	52400
DART		DART Outreach and Education Campaign	<p>While DART's ridership has recovered at a stronger rate than most other transit systems, overall ridership is still at about 60% of what it was pre-pandemic. DART is working to return to pre-pandemic ridership over the next two fiscal years increasing from 2.6 million rides in FY22 to 4.4 million rides by the end of FY24. This is a critical time to encourage transit ridership as people begin to settle into new habits post-pandemic.</p> <p>Returning to pre-pandemic ridership on Fixed Route will require active ridership recruitment and education so first-time riders understand how to use public transit. Returning to pre-pandemic ridership on RideShare will require significant education and outreach to employers throughout the state who are struggling to attract and retain workers as well as individuals who may already be commuting long distances to work.</p>	50000	40000
Urbandale		ICAAP 100th Street Signal Coordination	Includes the installation of adaptive signal control technology along 100th Street at 5 signalized intersections from Plum Drive in Urbandale, IA to NW 54th Avenue in Urbandale/Johnston, IA.	\$125,000	\$100,000
West Des Moines		Traffic System Vehicle Detection Improvement Project – Phase 2	Replace existing vehicle detection method, such as in ground loops, with state of the art, single point, video detection.	\$540,000	\$432,000

August 2022
Item No. 7**ISSUE: Electric Vehicle Workshop Series Development & Survey**

REPORT: Report on MPO staff's development of an Electric Vehicle (EV) workshop series, including a request from TTC members for input.

BACKGROUND:

With the Infrastructure Investment and Jobs Act (IIJA) passage in November 2021, EV infrastructure planning has soared in community and regional transportation priorities. To aid in the regional EV planning and implementation, MPO staff has engaged state and national partner organizations to develop an EV workshop series for our member communities and the region.

To better inform the effort, MPO staff is asking Transportation Technical Committee members to complete a survey to help determine priority topics, possible products, and more.

[The survey can be found here](#). MPO staff is requesting committee member submissions by August 31st.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACTS:

Allison van Pelt, avanpelt@dmampo.org;
(515) 334-0075.

August 2022
Item No. 8

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. Upcoming events that may be of interest include the following:

- [Passenger Transportation Summit](#), August 11, 2022, in Ankeny
- [I-80 Mid-America Clean Fuels Corridor Stakeholder Convening & Funding Updates](#), August 16, 2022, Quad Cities
- [IStorm 2022 Annual Conference](#), September 15-16, 2022, in Ankeny
 - Includes a free , [ISWELL \(Iowa Stormwater Education for Local Leaders\)](#) training for elected officials and communities leaders on morning of September 15
- [Iowa Water Conference](#), September 28-29, 2022, in Dubuque
- [APA Iowa Chapter Annual Conference](#), October 12-14, 2022, in Ottumwa

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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