

NOTICE OF MEETING

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

9:30 a.m., July 7, 2022

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 June 2, 2022, meeting minutes.
4. **PRESENTATION: New Village Initiative Advanced Materials Group** Page 5
 - Representatives of New Village Initiative Advanced Materials Group (NVIAMG) and Des Moines-based Grimes Asphalt and Paving Corp. will discuss the use of a polymer-based asphalt additive in Central Iowa projects to increase pavement durability.
5. **REPORT and VOTE: Final FFY 2023-2026 Transportation Improvement Program** Page 6
 - Report regarding the final *Federal Fiscal Year 2023-2026 Transportation Improvement Program*; consider approval.
6. **REPORT: MIPA Update** Page 7
 - Bi-Monthly MIPA update to the MPO.
7. **REPORT: FY 2024 Iowa Clean Air Attainment Program Pre-Applications** Page 8
 - Report regarding Federal Fiscal Year 2024 Iowa Clean Air Attainment Program applications.
8. **REPORT: Safe Streets for All Grant Program** Page 9
 - Update on the MPO applying for funding for a Comprehensive Safety Action Plan for the region.
9. **REPORT: Upcoming Events** Page 10
10. **Other Non-Action Items of Interest to the Committee**
11. **Next Meeting Date – August 4, 2022, at 9:30 a.m.**
12. **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.

July 2022
Item No. 3

ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the June 2, 2022, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the June 2, 2022, MPO Technical Committee meeting is included on the following pages.

RECOMMENDATION:

Approve the minutes of the June 2, 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, June 2, 2022

The MPO TTC held a virtual meeting at 9:30 a.m., June 2, 2022. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on May 27, 2022.

Representatives Present:

John Dostart | City of Altoona
Amy Quartell | City of Ankeny
Mark Mueller | City of Ankeny
Maggie Murray | City of Bondurant
Jeff May | City of Clive
John A Davis | City of Des Moines
Steve Naber | City of Des Moines
Michael Ludwig | City of Des Moines
Luis Montoya | DART
Matt Ahrens | City of Grimes
Charlie Dissell | City of Indianola**
Heather Stancil | 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
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
Andy Loonan | IDOT
Brian Belt | DSM International Airport
Julia Castillo | HIRTA

Representatives Absent:

Jeff Schug | City of Carlisle
Kathie Hungerfield | City of Cumming
Al Miller | Dallas County
Dustin Tieg | City of Elkhart
Dave Wilwerding | City of Johnston
Tom Leners | Madison County**
Paul Green | City of Mitchellville
Dave Herman | City of Van Meter
David Carroll | Warren County
Darla Hugaboom | FHWA
Gerri Doyle | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative

Staff Present:

Todd Ashby | Executive Director
Dylan Mullenix | Assistant Director
Zach Young | Planning Manager
Tracey Deckard | Office Manager
Allison van Pelt | Senior Planner
Zhi Chen | Associate Planner
Aspen Pflanz | Planner II

Others Present:

Jenny Coffin | City of Polk City
Matt Riesberg | Traffic Control Corporation

1. **Call to Order**
TTC Chair recognized a quorum and called the June 2, 2022, meeting to order at 9:30 a.m.
2. **Approval of Agenda**
MOTION: A motion was made and seconded to approve the MPO TTC's meeting agenda.
MOTION CARRIED UNANIMOUSLY
3. **Approval of Meeting Minutes**
MOTION: A motion was made and seconded to approve the MPO TTC May 5, 2022 meeting minutes.
MOTION CARRIED UNANIMOUSLY
4. **PRESENTATION: Iowa DOT Regional Projects Update**
Presentation was postponed to August.
5. **Draft FFY 2023 – 2026 Transportation Improvement Program**
Staff presented. Recommend approval of the Federal Fiscal Years 2023-2026 Transportation Improvement Program.
MOTION: A motion was made and seconded to approve the draft Federal Fiscal Years 2023-2026 Transportation Improvement Program.
MOTION CARRIED UNANIMOUSLY
6. **Federal Aid Swap Funds to Federal Aid Conversion**
Staff presented. Report on the Iowa DOT's announcement to convert federal aid swap funds to federal aid for all projects starting with 2023 letting dates. Report and discussion only.
7. **Des Moines Transload Facility**
Planning Manager presented. Report on the Des Moines Transload Facility project status. Report and discussion only.
8. **Upcoming Events**
Information only.
9. **Other Non-Action Items of Interest to the Committee**
Assistant Director reported that Safe Streets and Grants notice was received. Also reported that the availability of Street Light Data would not be made available for free.
10. **Next Meeting Date**
The next meeting will be held at 9:30 a.m., on Thursday, July 7, 2022.
11. **Adjournment**
The MPO TTC's June 2, 2022, meeting was adjourned at 9:57 a.m.

July 2022
Item No. 4

ISSUE: New Village Initiative Advanced Materials Group

PRESENTATION: Representatives of New Village Initiative Advanced Materials Group (NVIAMG) and Des Moines-based Grimes Asphalt and Paving Corp. will discuss the use of a polymer-based asphalt additive in Central Iowa projects to increase pavement durability.

BACKGROUND:

NVIAMG manufactures highly engineered polymers, sourced from recycled plastics, in the form of beads that can be added dry to standard asphalt mixes. This technique has proven to increase asphalt durability, stretching capital improvement budgets. It also has diverted plastics from landfills and the environment. Due to the longer period between repaving projects, this approach also helps save carbon emissions related to asphalt production.

The additive has been used by Iowa DOT, the City of Des Moines, Polk County and a range of private clients, including server farms, in central Iowa and in similar projects across the country.

Describing the results of projects in Central Iowa will be Mark Beeman, NVIAMG president; Dr. Andrew LaCroix, NVIAMG chief technologist; and Mike Yonker, general manager of Grimes Asphalt and Paving.

RECOMMENDATIONS:

None. Presentation only.

STAFF CONTACT:

Gunnar Olson, golson@dmampo.org
(515) 334-0075

July 2022
Item No. 5**ISSUE: Final FFY 2023-2026 Transportation Improvement Program**

REPORT and VOTE: Report regarding the final *Federal Fiscal Year 2023-2026 Transportation Improvement Program*; consider approval.

BACKGROUND:

The MPO staff is required to develop a four-year Transportation Improvement Program (TIP) by updating the current TIP for the MPO. The purpose of the TIP is to list all projects in the MPO planning area proposed to receive federal funding and scheduled to begin within the next four federal fiscal years.

The MPO staff requested that MPO member governments and participating agencies review and report any project changes, new projects, or “roll-over” projects programmed in Federal Fiscal Year (FFY) 2022, 2023, 2024, 2025, and/or 2026. Staff developed the project listing for the FFY 2023-2026 TIP with the information provided by the member governments.

The MPO staff will submitted the draft FFY 2023-2026 TIP to the Iowa Department of Transportation (DOT), Federal Highway Administration (FHWA), and Federal Transit Authority (FTA) for review and comment on June 15, 2022. Staff will incorporate any comments received into the final draft.

The MPO’s Public Participation Plan requires the FFY 2023-2026 TIP to undergo a 30-day comment period and have a public input meeting. Staff hosted a public input meeting at 5:00 p.m. on Thursday, June 23, 2022. No members of the public attended, and no comments have been received via mail, phone, or email. The final FFY 2023-2026 TIP is due to the Iowa DOT by July 15, 2022.

The final FFY 2023-2026 TIP will be proved prior to the July meeting.

RECOMMENDATIONS:

Recommend approval of the final *Federal Fiscal Years 2022-2026 Transportation Improvement Program* and forward to the Iowa DOT for final submittal.

STAFF CONTACT:

Aspen Pflanz, apflanz@dmampo.org
(515) 334-0075

July 2022
Item No. 6

ISSUE: MIPA Update

REPORT: Bi-Monthly MIPA update to the MPO.

BACKGROUND:

Standing item to allow to update the committee on actions taken by the MIPA board at their bi-monthly meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Caleb Knutson, cknutson@mid-iowaplanning.org
(515) 334-0075

July 2022
Item No. 7**ISSUE: Iowa's Clean Air Attainment Program 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 are due on July 26, 2026. 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 Pre-Application and additional resource are available on the MPO website \(click to access\).](#)

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACTS:

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

July 2022
Item No. 8**ISSUE: Safe Streets for All Grant**

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

BACKGROUND:

As mentioned during the April 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

Staff discussed having the MPO submit an application for a Comprehensive Safety Action Plan with the Executive and Policy Committee's at their June meetings. The Policy Committee approved the request for the MPO to pursue this grant funding with the caveat that staff provide additional details on local match prior to submitting the application.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

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

July 2022
Item No. 9

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:

Gunnar Olson, golson@dmampo.org;
(515) 334-0075