

NOTICE OF MEETING

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

9:30 a.m., October 5, 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: FFY Approval of the Meeting Minutes** Page 2
 - Approve the September 7, 2023, meeting minutes.
4. **PRESENTATION: Update on new terminal for Des Moines Airport Authority**..... Page 5
 - Des Moines Airport Authority staff will present on the progress being made toward building a new terminal.
5. **PRESENTATION: US EPA Climate Pollution Reduction Grant Program** Page 8
 - Polk County Public Works staff will present on the US EPA Climate Pollution Reduction Grant program recently awarded to Polk County on behalf of the Des Moines MSA region.
6. **REPORT: Carbon Reduction Program Funding** Page 9
 - Discussion regarding the new funding program targeted at reducing transportation related emissions.
7. **REPORT: EV Charging Reliability and Accessibility Accelerator program** Page 10
 - Discussion regarding the Notice of Funding Opportunity for EV Charging Reliability.
8. **REPORT: Upcoming Events** Page 11
9. **Other Non-Action Items of Interest to the Committee**
10. **Next Meeting Date – November 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.

October 2023
Item No. 3

ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the September 7, 2023, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the September 7, 2023, MPO Technical Committee meeting are included on the following pages.

RECOMMENDATION:

Approve the minutes of the September 7, 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, September 7, 2023

The MPO TTC held a virtual meeting at 9:30 a.m., September 7, 2023. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on September 1, 2023.

Representatives Present:

Scott Atzen | City of Altoona
Amy Quartell | City of Ankeny
Mark Mueller | City of Ankeny
John Horton | City of Bondurant
Mitch Holtz | City of Carlisle
Jeff May | City of Clive
Al Miller | Dallas County
Jennifer Dakovich | City of Des Moines
Steve Naber | City of Des Moines
Luis Montoya | DART
Matt Ahrens | City of Grimes
Dave Wilwerding | City of Johnston
Mike Hackett | 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
Tim Hill | Warren County
Rudy Koester | City of Waukee
Eric Petersen | City of West Des Moines
Karen Marren | City of West Des Moines
Zac Bitting | IDOT

Representatives Absent:

Rita Connor | City of Cumming**
Michael Ludwig | City of Des Moines
Angie Schaffer | City of Elkhart**
Charlie Dissell | City of Indianola**
Paul Green | City of Mitchellville
Dave Herman | City of Van Meter**
Justin Ernst | City of Windsor Heights
Julia Castillo | HIRTA
Darla Hugaboom | FHWA*
Brian Belt | DSM International Airport *
Gerri Doyle | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative

Staff Present:

Zach Young | Planning Manager
Andrew Collings | Principal Planner
Gunnar Olson | Public Affairs Manager
Zhi Chen | Senior Planner
Carl Saxon | Senior Planner

Others Present

Danny Knispel | City of Altoona

1. **Call to Order**
TTC Chair recognized a quorum and called the September 7, 2023, meeting to order at 9:32 a.m.
2. **Approval of Agenda**
MOTION: A motion was made by Huisman 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 Montoya to approve the MPO TTC August meeting minutes.
MOTION CARRIED UNANIMOUSLY
4. **SS4A Project Applications in Des Moines**
Steve Naber, City of Des Moines presented.
5. **Final FFY 2024-2027 Transportation Improvement Program (TIP) Amendment**
Planning Manager presented. Recommend approval of the TIP amendment requested by the City of Des Moines, City of Johnston and City of Polk City.
MOTION: A motion was made by Koester and seconded by May to approve the FFY 2024-2027 Transportation Improvement Program Amendments.
MOTION CARRIED UNANIMOUSLY
6. **FY 2025 Iowa Clean Air Attainment Program Pre-Applications**
Planning Manager presented. Recommend approval of the FY 2025 Iowa Clean Air Attainment Program.
MOTION: A motion was made by May and seconded by Koester to approve FY 2025 Iowa Clean Air Attainment Program.
MOTION CARRIED UNANIMOUSLY
7. **MPO 2020 Urban Area Boundary Update**
Principal Planner presented. Report and discussion only.
8. **Upcoming Events**
Information only.
9. **Other Non-Action Items of Interest to the Committee**
Staff provided reminder about the MPO Website has been updated and that agendas will be delivered by GovDelivery in the upcoming months and provided with information on signing up for the mailing list.
10. **Next Meeting Date**
The next meeting will be held at 9:30 a.m., on Thursday, October 5, 2023.
11. **Adjournment**
The MPO TTC's September 7, 2023, meeting was adjourned at 10:12 a.m.

October 2023
Item No. 4

PRESENTATION: Update on new terminal for Des Moines Airport Authority

PRESENTATION: Des Moines Airport Authority staff will present on the progress being made toward building a new terminal.

BACKGROUND:

The existing terminal operated by the Des Moines Airport Authority has reached its useful life, and plans are in place to open a new terminal by 2027. A summary of the project is included on the following pages.

Though the Authority could issue bonds directly, it asked the Polk County Board of Supervisors to allow a referendum on the November ballot asking voters if the County should issue bonds on behalf of the Airport to take advantage of the county's higher bond rating. Doing so stands to save up to \$70 million over the life of the loan.

Des Moines Airport Authority Executive Director Kevin Foley will give the committee an update and answer any questions.

RECOMMENDATION:

None. Presentation and discussion only.

STAFF CONTACTS:

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



Plans for the Future

The Des Moines Airport Authority

Des Moines Airport Authority is an independent entity, organized under the state Code, responsible for managing the operations and maintenance of Des Moines International Airport. The Airport Authority is self-funded and has no taxing authority yet is charged with improving the quality of air service to and from Iowa. The Airport's current facilities are extremely constrained at peak periods, so opportunities to introduce new routes and air carriers are very limited.

Master Terminal Development Plan

With an estimated 5 million passengers annually by 2042, the need for a new terminal is undeniable; current facilities have reached their useful life and are not equipped to handle sustained growth. The Master Terminal Development Plan meets the forecasted demand with the construction of a new passenger processing facility with additional gates as well as two concourse expansion projects.



*image of 30% design of new terminal elevation



INTB + Smith



Expanded central security screening checkpoints with eight screening lanes



Enhanced gate operations



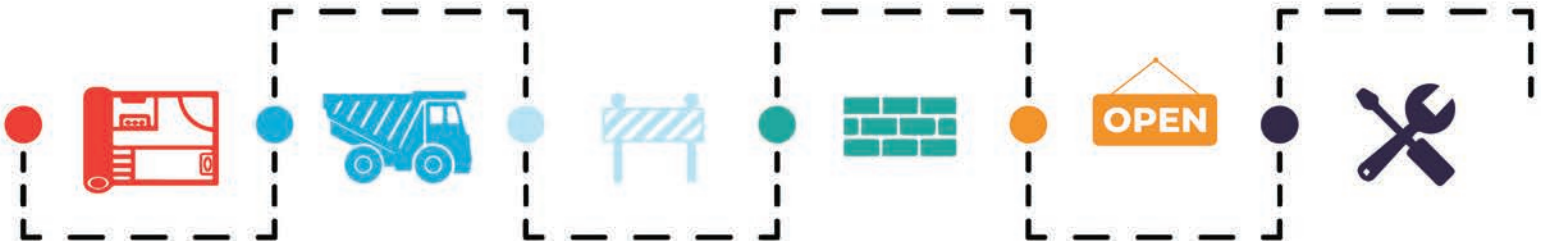
Efficient baggage handling system



Elevated dining and retail options



Modernized technologies and infrastructure systems



2023

- Terminal Design
- Terminal Site Preparation
- Construct North Parking Garage

2024

- Construct Terminal
- Open North Parking Garage

2025

- Construct Terminal Cont.

2026

- Connection Bridge between new Terminal & Concourse C

2027

- New Terminal Opens
- Demo of Existing Terminal

2028

- Concourse Expansion, as needed

1. North Garage Expansion

To meet the airport parking demand, a new parking garage will be erected in the summer of 2023, with the anticipated opening date in early 2025. The new garage will be connected to the existing parking structure and will boast over 1,100 additional parking stalls.

2. Remote Parking Positions

Aircraft parking positions are being added to the south end of the airport apron to accommodate aircraft overnight. The addition of these remote parking positions will enable the airlines to maintain regularly scheduled service during the construction of the new terminal while also creating growth opportunities in the future.

3. Passenger Terminal Facility

The new terminal will meet future travel demand while providing streamlined security processing, elevated concessions and dining experiences, larger and more flexible holdrooms, enhanced gate operations to accommodate air service growth, improved baggage handling systems, sustainability and more efficient operations.

4. Existing Concourses

The new facility will include additional gates while leveraging the existing A and C Concourses. Planning and cost considerations support the utilization of the existing concourses until demand necessitates the full build-out of the master development plan, which includes two concourse expansion projects.

October 2023
Item No. 5**PRESENTATION: US EPA Climate Pollution Reduction Grant Program**

PRESENTATION: Polk County Public Works staff will present on the US EPA Climate Pollution Reduction Grant program recently awarded to Polk County on behalf of the Des Moines MSA region.

BACKGROUND:

The [EPA Climate Pollution Reduction Grants \(CPRG\) program](#) will provide grants to states, local governments, tribes, and territories to aid the development and implementation of plans for reducing greenhouse gas emissions and other harmful air pollution. Section 60114 of the Inflation Reduction Act provides an investment of \$5 billion to support efforts by states, municipalities, air pollution control agencies, tribes, and groups thereof to develop and implement robust and local greenhouse gas reduction strategies. This two-staged grant program provides funding of \$250 million for non-competitive planning grants and \$6 billion for competitive implementation grants.

The CPRG program is designed to provide flexible support to states, local governments, tribes, and territories regardless of where they are in their climate planning and implementation process. Planning funds can be used to update existing climate, energy, or sustainability plans, or to develop new plans.

Under the cooperative agreements addressed by this guidance, funding recipients will need to produce and submit three key deliverables (in addition to meeting standard grant reporting requirements) over the course of the four-year program period running to 2027:

- A Priority Climate Action Plan (PCAP), due in early 2024;
- A Comprehensive Climate Action Plan (CCAP), due 2 years from the date of the award;
- A Status Report, due at the close of the 4-year grant period.

Phase II Implementation grants will be awarded through a competitive process to implement measures contained in plans developed with planning grants. Entities included in, or covered by, such plans will be eligible to apply for implementation funding. EPA anticipates that entities with existing climate plans could use planning money to update or expand their existing plans in preparation for the future implementation grants competition.

RECOMMENDATION:

None. Presentation and discussion only.

STAFF CONTACTS:

Dylan Mullenix, dmullenix@dmampo.org ; (515) 334-0075, and;
Allison van Pelt, allison.vanpelt@polkcountyiowa.gov; 515-954-8199.

October 2023
Item No. 6**ISSUE: Carbon Reduction Program Funding**

REPORT: Discussion regarding the new funding program targeted at reducing transportation related emissions.

BACKGROUND:

The Bipartisan Infrastructure Law established the Carbon Reduction Program (CRP) in [23 U.S.C. 175](#), which provides funds for projects designed to reduce transportation emissions. Staff plans to run the CRP funding process concurrently with the Surface Transportation Block Grant (STBG) process with applications for funding being released in early December 2023.

Staff is estimating that the MPO will have approximately \$8 million in CRP funds to allocate to projects during the upcoming application cycle. This includes funding for FFY 2023-2028 and averages between \$1.3 to \$1.4 million per year.

Staff will provide an overview of eligible projects and possible uses for the CRP funds at the October meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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

October 2023
Item No. 7

ISSUE: EV Charging Reliability and Accessibility Accelerator program

REPORT: Report on Notice of Funding Opportunity for EV Charging Reliability

BACKGROUND:

The US Department of Transportation has released a Notice of Funding Opportunity (NOFO) for the Electric Vehicle (EV) Charger Reliability and Accessibility Accelerator program. This program will provide up to \$100 million in Federal funding to repair and replace existing, but non-operational, EV charging infrastructure. This program awards grants to state and local governments to help them address broken and non-operational EV chargers.

According to the Iowa Economic Development Authority, over half of Iowa's temporarily unavailable EV charging ports are within the MPO's planning area. [The NOFO is available here.](#) Applications are due November 13, 2023.

RECOMMENDATION:

None. Report and discussion Only

STAFF CONTACT:

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(515) 334-0075.

October 2023
Item No. 8

ISSUE: Upcoming Events

REPORT: Report on upcoming events of regional interest.

BACKGROUND:

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

Webinars

- [Assessment and Repair of a Trail After Catastrophic Damage](#) – October 5
- [Risk Management Lessons Learned from Lawsuits Against Local Road Agencies](#) – October 26
- [Water Management on Legacy Trails: The SET \(Sustainable, Effective, Traversable\) Standard](#) – November 16
- [How to Keep a Statewide Plan Off the Shelf: Pedestrian Planning in Minnesota](#) – November 15
- [Trail Planning and Design: Foundations of Success](#) – December 7
- [Lighter, Faster, Drier: Beyond Quick-Build Towards Resilient Treatments for High-Quality Active Transportation Infrastructure](#) – December 20

Events

- [Association of Pedestrian and Bicycle Professionals Safety Summit](#) – October 3-5 & 10-12 - Online
- [Iowa Trails Summit](#) – October 6 - Marshalltown
- [APA Upper Midwest Annual Conference](#) – October 11-13 – Cedar Falls
- [Safe Routes to School Summit 2023](#) – October 24-26 – Online
- [Iowa State University \(ISU\) Institute for Transportation \(InTrans\) Traffic and Safety Forum](#) - November 8 – Ames
- [ISU InTrans Municipal Streets Seminar](#) - November 14 – Ames
- [Iowa Winter Maintenance Workshop](#) – November 15 – Indianola
- [TRB Transportation Resilience 2023 – International Conference on Extreme Weather & Climate Change Challenges](#) – November 13-15th – Washington, D.C.
- [Iowa County Engineers Conference](#) – December 13-15 – Des Moines

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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