

NOTICE OF MEETING

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

9:30 a.m., February 1, 2024
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 the Meeting Minutes** Page 2
 - Approve the January 4, 2024, meeting minutes.
4. **REPORT and VOTE: Election of Calendar Year 2024 Officers** Page 6
 - Receive the Nominating Committee's recommendation for the Technical Committee's Chair and Vice-Chair positions; consider approval.
5. **REPORT and VOTE: Iowa DOT 2020-2024 Safety Performance Targets (PM1)** Page 7
 - Report on the Iowa DOT's 2020-2024 Safety Performance Targets required by U.S. DOT; consider approval.
6. **REPORT and OPTIONAL VOTE: Mobilizing Tomorrow: Employment, Housing Unit, and Population Projections** Page 8
 - Consider approval of the employment, housing unit, and population projections for the long-range transportation plan update; consider approval.
7. **REPORT: FFY 2028 Surface Transportation Block Grant Applications** Page 9
 - Report and discussion on applications submitted for FFY 2028 Surface Transportation Block Grant Program (STBG) funding.
8. **REPORT: FFY 2028 Surface Transportation Block Grant TAP Applications** Page 11
 - Report and discussion on applications submitted for FFY 2028 Surface Transportation Block Grant Transportation Alternatives Program (STBG TAP) funding.
9. **REPORT: FY 2025 Unified Planning Work Program and Budget Development** Page 13
 - Discussion on the process to develop the upcoming work program and budget for FY 2025.
10. **REPORT: DC List** Page 14
 - Report on development of DC List and request for information from members.
11. **ISSUE: Executive Director Search** Page 15
 - Report on the search and hiring process for the next MPO Executive Director.
12. **REPORT: Upcoming Events** Page 16
13. **Other Non-Action Items of Interest to the Committee**
14. **Next Meeting Date – March 7, 2024, at 9:30 a.m.**
15. **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 4, 2024, MPO Transportation Technical Committee meeting minutes.

BACKGROUND:

The minutes of the January 4, 2024, MPO Technical Committee meeting are included on the following pages.

RECOMMENDATION:

Approve the minutes of the January 4, 2024, 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 4, 2024

The MPO TTC held a virtual meeting at 9:30 a.m., January 4, 2024. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on December 29, 2023.

Representatives Present:

John Dostart | City of Altoona
Mark Mueller | City of Ankeny
Jeff May | City of Clive
John A Davis | City of Des Moines
Steve Naber | City of Des Moines
Mike Ludwig | City of Des Moines
Luis Montoya | DART
Tony Filippini | DART
Matt Ahrens | City of Grimes
Dave Wilwerding | City of Johnston
Elliott Klimowski | City of Norwalk
Madeline Sturms | City of Pleasant Hill
Aaron Putnam | Polk County
John Larson | City of Urbandale
Tim Hill | Warren County
Rudy Koester | City of Waukee
Eric Petersen | City of West Des Moines
Shelby Ebel | Iowa DOT

Representatives Absent:

Amy Quartell | City of Ankeny
John Horton | City of Bondurant
Mitch Holtz | City of Carlisle
Rita Connor | City of Cumming**
Murray McConnell | Dallas County
Angie Schaffer | City of Elkhart**
Charlie Dissell | City of Indianola**
Mike Hackett | Madison County
Paul Green | City of Mitchellville
Mike Schulte | City of Polk City
Dave Herman | City of Van Meter**
Karen Marren | City of West Des Moines
Justin Ernst | City of Windsor Heights
Julia Castillo | HIRTA
Kevin Foley | DSM International Airport *
Darla Hugaboom | FHWA*
Gerri Doyle | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative

Staff Present:

Dylan Mullenix | Interim Executive Director
Zach Young | Planning Manager
Andrew Collings | Principal Planner
Gunnar Olson | Public Affairs Manager
Tracey Deckard | Office Manager
Zhi Chen | Senior Planner
Carl Saxon | Senior Planner

Others Present

Allison van Pelt | Polk County
Katie Lord | Mid-American Energy
Matt Ott | Mid-American Energy
Adam Streeter | Mid-American Energy
Clifford Leonard | Public

1. **Call to Order**
TTC Chair recognized a quorum and called the January 4, 2024, meeting to order at 9:32 a.m.
2. **Approval of Agenda**
MOTION: A motion was made by Koester and seconded by Montoya 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 Dostart to approve the MPO TTC December meeting minutes.
MOTION CARRIED UNANIMOUSLY
4. **Presentation: Mid-American Energy Presentation**
Representatives from MidAmerican provided an overview of their experience and expertise in the construction and maintenance of Electric Vehicle (EV) infrastructure.
5. **Planning Area Boundary Update**
Projects Manager, Zach Young presented. Recommend approval of updated Planning Area Boundary. A suggestion was made to inquire if Mitchellville would be included. Staff will reach out.
MOTION: A motion was made by Dostart and seconded by May to approve updated Planning Area Boundary and to communicate with the City of Mitchellville.
MOTION CARRIED UNANIMOUSLY
6. **Mobilizing Tomorrow- Funding Projections**
Projects Manager, Zach Young presented. Recommend approval of the funding projections for the development of Mobilizing Tomorrow, the region's Long-Range Transportation Plan.
MOTION: A motion was made by Dostart and seconded by Putnam to approve the funding projections for the development of Mobilizing Tomorrow
MOTION CARRIED UNANIMOUSLY
7. **Mobilizing Tomorrow- Project Solicitation**
Projects Manager, Zach Young presented. Update regarding project solicitation for the development of Mobilizing Tomorrow.
Report and discussion only.
8. **Iowa DOT 2020-2024 Safety Performance Targets (PM1)**
Senior Planner, Zhi Chen presented. Report on the Iowa DOT's 2020-2024 safety performance targets.
Report and discussion only.
9. **Fiscal Year 2025 Unified Planning Work Program and Budget**
Interim Executive Director, Dylan Mullenix presented. Report and discussion only.
10. **Norfolk Southern Rail Spur Track Assessment**
Interim Executive Director, Dylan Mullenix presented. Report and discussion only.
11. **2023 Regional Trail Pavement Condition Report**
Senior Planner, Carl Saxon presented. Discussion regarding updated regional trail pavement conditions.
Report and discussion only.

12. **National Electric Vehicle Infrastructure Formula Grant Program**
Senior Planner, Carl Saxon presented. Report on National Electric Vehicle infrastructure (NEVI) Formula Grant Program.
Report and discussion only.
13. **Executive Director Search**
Public Affairs Manager, Gunnar Olson presented. Report on search and hiring process for a new Executive Director.
Report and discussion only.
14. **Upcoming Events**
Information only.
15. **Other Non-Action Items of Interest to the Committee**
STBG and TAP applications posted on the MPO website. Applications are due back January 5, 2024.
The Interim Executive Director advised that he would be reaching out to new members for MPO orientation.
Chair, Steve Naber will appoint a nominating committee for new officers.
There was also mention of the Perry School shooting.
16. **Next Meeting Date**
The next meeting will be held at 9:30 a.m., on Thursday, January 4, 2024.
17. **Adjournment**
The MPO TTC's January 4, 2024, meeting was adjourned at 10:45 a.m.

February 2024
Item No. 4

ISSUE: Election of Calendar Year 2024 Officers

VOTE: Consider approval of the Nominating Committee’s recommendation for Calendar Year (CY) 2024 Transportation Technical Committee Chair and Vice-Chair positions.

BACKGROUND:

Transportation Technical Committee Chair Steve Naber appointed Mike Ludwig, Eric Petersen, and Mark Mueller to serve on the annual Nominating Committee to prepare a slate of candidates for the election of TTC Chair and TTC Vice-Chair for the upcoming calendar year.

The Nomination Committee has recommended the following:

Luis Montoya, DART– Chair
John Dostart, City of Altoona – Vice-Chair

The Nominating Committee will present their recommendations at the February 1, 2024, meeting. Other nominations may be made by TTC representatives at that time. The CY 2024 Chair and Vice-Chair will assume their responsibilities beginning in March 2024.

RECOMMENDATION:

Approve the CY 2024 Chair and Vice-Chair.

STAFF CONTACT:

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

February 2024
Item No. 5

ISSUE: Iowa DOT 2020-2024 Safety Performance Targets (PM1)

REPORT and VOTE: Consider approval of the Iowa DOT's 2020-2024 safety performance targets.

BACKGROUND:

Each year, 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) safety targets or (2) establish their own safety targets for their planning area. In August 2023, the Iowa DOT established statewide safety performance targets for the 2020-2024 period. The Des Moines Area MPO has 180 days, or until February 27, 2024, 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 toward the safety performance targets.

[An Iowa DOT memo summarizing their targets and target setting methodology is available on the MPO website \(click to access\).](#)

For the previous performance reporting period, the Des Moines Area MPO adopted the Iowa DOT's statewide safety performance targets.

Iowa DOT's 2020-2024 Safety Performance Targets

Performance Measure	Five-year Rolling Averages	
	2018-2022 Baseline	2020-2024 Target
Number of Fatalities	338.6	352.6
Fatality Rate*	1.036	1.080
Number of Serious Injuries	1,363.2	1,419.8
Serious Injury Rate*	4.166	4.344
Non-Motorized Fatalities and Serious Injuries	136.4	138.2

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

RECOMMENDATIONS:

Recommend approval of the Iowa DOT's 2020-2024 safety performance targets.

STAFF CONTACT:

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

February 2024
Item No. 6

ISSUE: Mobilizing Tomorrow: Employment, Housing Unit, and Population Projections

REPORT and OPTIONAL VOTE: Discussion regarding the employment, housing unit, and population projections for the long-range transportation plan update; consider approval.

BACKGROUND:

Staff has updated the employment, housing unit, and population projections for the update to the long-range transportation plan. Staff used updated Census figures along with the same methodology that was used in the previous plan update to arrive at the updated numbers. These projections will be used to develop the growth scenario and feed into the Transportation Demand Model.

[The draft projections are available on the MPO website \(click to access\).](#)

Staff will provide an overview of the projections at the February meeting.

RECOMMENDATIONS:

Recommend approval of the employment, housing unit, and population projections for the long-range transportation plan update.

STAFF CONTACT:

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

February 2024
Item No. 7

ISSUE: FFY 2028 Surface Transportation Block Grant Program Applications

REPORT: Discussion regarding applications submitted for FFY 2028 Surface Transportation Block Grant Program (STBG) funding.

BACKGROUND:

The deadline for submission of Federal Fiscal Year (FFY) 2028 Surface Transportation Block Grant (STBG) Program applications was January 5, 2024. Staff will provide an overview of the submitted applications at the February Committee meetings.

[A summary of the submitted FFY 2028 STBG applications is available on the following page.](#)

Staff will spend the next few weeks working to develop scores and will provide the project scores in March. The Funding Subcommittee will meet 2 to 4:30 p.m. March 20 to hear presentations from project sponsors. This workshop provides project sponsors with the opportunity to discuss their projects and answer questions from the Funding Subcommittee.

The Funding Subcommittee will meet in early April to develop a funding recommendation for consideration by the MPO Executive Committee and the MPO Policy Committee.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

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

FFY 2028 STBG - Summary of Submitted Applications

Primary Sponsor	Category	Project Title	Total Cost	Request
Altoona	Major Reconstruction/Replacement	Adventureland Drive NW PCC Pavement Reconstruction and Widening	\$9,807,500	\$5,522,800
Altoona	Planning Study	Eastern Polk County I-80 Interchange Planning & Environmental Linkages Study	\$625,000	\$500,000
Ankeny	System Capacity	NE 18th Street Bridge Over Interstate 35	\$16,850,000	\$2,000,000
Bondurant	Major Reconstruction/Replacement	Grant Street South Realignment	\$15,986,000	\$1,000,000
Clive	Major Reconstruction/Replacement	NE Alice's Road - Phase 3	\$9,700,000	\$1,000,000
DART	Transit	DART Bus Replacements and BCycle Station Replacements	\$8,027,000	\$2,000,000
Des Moines	Major Reconstruction/Replacement	East Army Post Improvements	\$12,000,000	\$2,600,000
Des Moines	System Optimization	Intelligent Transportation Systems Upgrade - Phase 8	\$12,500,000	\$1,000,000
Des Moines	Bridge	Fleur Drive Bridge Rehabilitation	\$8,000,000	\$2,100,000
Johnston	Major Reconstruction/Replacement	IA 141 and Towner Dr Interchange	\$16,500,000	\$2,000,000
Pleasant Hill	System Optimization	University and Shadyview Blvd Improvements	\$1,777,000	\$1,421,600
Polk City	Major Reconstruction/Replacement	WhiteTail Parkway Construction	\$2,203,000	\$1,762,400
Polk County	Bridge	RCB Culvert New - Triple Box	\$900,000	\$700,000
Urbandale	Major Reconstruction/Replacement	128th Street Preservation	\$1,900,000	\$1,000,000
West Des Moines	Major Reconstruction/Replacement	Ashworth Road Reconstruction and Reconfiguration	\$10,000,000	\$2,000,000
Windsor Heights	Major Reconstruction/Replacement	73rd Street Reconstruction – Phase 2	\$17,685,700	\$2,000,000
			\$144,461,200	\$28,606,800

February 2024
Item No. 8

ISSUE: FFY 2028 Surface Transportation Block Grant Transportation Alternatives Program Applications

REPORT: Discussion regarding applications submitted for FFY 2028 Surface Transportation Block Grant Transportation Alternatives Program (STBG TAP) funding.

BACKGROUND:

The deadline for submission of Federal Fiscal Year (FFY) 2028 Surface Transportation Block Grant Transportation Alternatives Program (STBG TAP) applications was January 5, 2024. Staff will provide an overview of the submitted applications at the February committee meetings.

A summary of the submitted FFY 2028 STBG TAP applications is available on the following page.

Staff will spend the next few weeks working to develop scores and will provide the project scores in March. The Funding Subcommittee will meet 2 to 4:30 p.m. March 20 to hear presentations from project sponsors. This workshop provides project sponsors with the opportunity to discuss their projects and answer questions from the Funding Subcommittee.

The Funding Subcommittee will meet in early April to develop a funding recommendation for consideration by the MPO Executive Committee and the MPO Policy Committee.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Carl Saxon, csaxon@dmampo.org;
(515) 334-0075

FFY 2028 STBG TAP - Summary of Submitted Applications

Project Sponsor	Category	Project Title	Total Cost	Request
Altoona	Sidewalk	Adventureland Drive NW Reconstruction / Sidewalk	\$ 9,807,500	\$ 540,800
Ankeny	Trail	Oralabor Gateway Trail at Ankeny Blvd - Grade Separation	\$ 4,100,000	\$ 1,280,000
Bondurant	Trail	Grant Street South Realignment/Central Stormwater Improvements Design	\$ 3,539,000	\$ 500,000
DART	Transit	DART Enhanced Signage	\$ 361,000	\$ 288,800
Des Moines	Road Diet / Restriping	6th Avenue Improvements	\$ 1,000,000	\$ 500,000
Des Moines	Trail	Central Place Levee Trail - Phase 2	\$ 4,040,000	\$ 500,000
Polk County	Trail	High Trestle Trail Connection through Polk City	\$ 3,558,000	\$ 1,000,000
Urbandale	Trail	Hickman Trail Construction	\$ 750,000	\$ 600,000
West Des Moines	Trail	Raccoon River East Greenway Trail	\$ 1,725,000	\$ 600,000
Windsor Heights	Trail Reconstruction	Clive Greenbelt Trail Reconstruction	\$ 271,000	\$ 100,000
			\$ 19,344,000	\$ 5,368,800

February 2024
Item No. 9**ISSUE: *Fiscal Year 2025 Unified Planning Work Program* and Budget Development**

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

BACKGROUND:

MPO staff is developing the *Fiscal Year 2025 Unified Planning Work Program* (FY 2025 UPWP) and budget, which will document all planning activities the MPO will perform from July 1, 2024, through June 30, 2025. 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, 2024, 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 2025 throughout the development of the UPWP. In particular, MPO staff would welcome any proposals for studies, plans, research, 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 2024
Item No. 10**ISSUE: DC List**

REPORT: Development of DC List and request for information from members.

BACKGROUND:

Staff is preparing for [DMDC 2024](#), the annual trip to Washington DC that is organized by the Greater Des Moines Partnership. This year's trip is May 8-10. Registration opens Monday, Feb. 5.

Each year, the MPO works with its member governments to develop a list of priority transportation projects to be discussed with Iowa's congressional delegation during the trip to Washington DC. The MPO's DC List includes projects that are actively seeking funding, along with any important policy initiatives.

Request: Please let MPO staff know if you have a project seeking federal funding that should be on the DC List. Please include a project name, project summary, total project cost, funding amount being requested, and desired funding source if applicable. These should include any planned submissions for Community Project Funding, with the understanding that not all of them will likely be selected by the congressional offices.

Materials can be emailed to golson@dmampo.org.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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

February 2024
Item No. 11**ISSUE: Executive Director Search**

REPORT: Report on the search and hiring process for a new MPO Executive Director.

BACKGROUND:

The Search Committee is approximately halfway through the search process for the next MPO Executive Director. The process is being facilitated by the consulting team of 2 The Top and Deibler & Company.

The search consultants report that the process continues to be right on schedule. Applications have been coming in, with the application window closing Friday, January 26. Candidates' materials and intake summaries will be discussed at the Search Committee's February 5 meeting, followed by in-person interviews with finalists to be held on Thursday, February 15.

[Click here for a progress report.](#)

RECOMMENDATIONS:

None. Discussion only.

STAFF CONTACT:

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

February 2024

Item No. 12

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.

Webinars

- [Systematic Condition Analysis and Management for Multi-Use Trails](#) (Presenters: City of Des Moines Park & Recreation) – February 8
- [APA Iowa Planning on Tap: Denver’s E-Bike Rebate Program](#) – February 15
- [Trails are Rural Economic Drivers](#) – February 22
- [A Safe Systems Approach: Working Across Disciplines to Improve Safety and Health Equity Outcomes](#) – February 22
- [Emerging Practices for Local Approval of EV Charging Stations](#) – March 8
- [APA Trails as Resilient Infrastructure](#) (Link Pending) - March 22

Events

- [ITE International Virtual Spring Conference](#) – March 19-20 – Virtual
- [League of American Bicyclists’ National Bike Summit](#) – March 19-21 - Washington, DC
- [Professional Trail Builders Association Sustainable Trails Conference](#) – March 19-21 – Lanier Islands, GA
- [Smart Growth America’s Equity Summit](#) – March 27-28 – Washington, DC
- [Lifesavers Conference on Roadway Safety](#) – April 7-9 – Denver, CO
- [APA National Planning Conference](#) – April 13-16 – Minneapolis, MN
- [ITS America Conference & Expo](#) – April 22-25 – Phoenix, AZ
- [NACTO Designing Cities Conference](#) – May 7-10 – Miami, FL
- [TRB 2nd International Conference on Roadside Safety](#) – June 23-26 – Orlando, FL
- [ITE International Annual Meeting and Exhibit](#) – July 21-24 – Philadelphia, PA
- [Safe Routes to School National Conference](#) – October 22-24 – Fort Collins, CO

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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