NOTICE OF MEETING

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

9:30 a.m., Thursday, September 3, 2020
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. ROLL CALL
4. VOTE: Approval of Meeting Minutes ................................................................. Page 2
   • Approve the August 6, 2020, meeting minutes.
5. PRESENTATION: Integrated Corridor Management .............................................. Page 5
   • Update from Iowa DOT and MPO staff regarding the Des Moines Integrated Corridor
     Management (ICM) project, including initial strategies and goals moving forward.
6. REPORT and VOTE: FY 2021-2024 TIP Amendment Request .......................... Page 6
   • Report regarding an amendment to the Federal Fiscal Year 2021-2024 Transportation
     Improvement Program to update funding for a DOT project; consider approval.
7. REPORT and VOTE: Iowa Clean Air Attainment Program Pre-Applications ......... Page 7
   • Report regarding Federal Fiscal Year 2022 Iowa Clean Air Attainment Program applications.
8. REPORT: UPWP Project Development ................................................................. Page 8
   • Report regarding Unified Planning Work Program project development.
9. REPORT: Purple Heart Highway Update ............................................................... Page 9
   • Report regarding the updated Iowa Highway 5 / US Highway 65 Freeway Corridor Interstate
     System Designation Summary Report.
10. REPORT: Upcoming Events ................................................................................ Page 10
11. Other Non-Action Items of Interest to the Committee
12. Next Meeting Date – October 1, 2020, at 9:30 a.m.
13. Adjournment
ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the August 6, 2020, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the August 6, 2020, MPO Technical Committee meeting is included on the following pages.

RECOMMENDATION:

Approve the minutes of the August 6, 2020, 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, August 6, 2020

The MPO TTC held a virtual meeting at 9:30 a.m., August 6, 2020. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on July 31, 2020.

Representatives Present:
John Dostart | City of Altoona
Paul Moritz | City of Ankeny
Mark Mueller | City of Ankeny
Maggie Murray | City of Bondurant
Jeff Schug | City of Carlisle
Jeff May | City of Clive
John Davis | City of Des Moines
Steve Naber | City of Des Moines
Luis Montoya | DART
Charlie Dissell | City of Indianola**
Dave Wilwerding | City of Johnston
Tom Leners | Madison County**
Madeline Sturms | City of Pleasant Hill
Chelsea Huisman | City of Polk City
Bret VandeLune | Polk County
Dave McKay | City of Urbandale
David Carroll | Warren County
Brad Deets | City of Waukee
Kara Tragesser | City of West Des Moines
Mark Arentsen | City of Windsor Heights
Andy Loonan | IDOT
Brooke Ramsey | HIRTA

Staff Present:
Todd Ashby | Executive Director
Dylan Mullenix | Assistant Director
Zach Young | Planning Manager
Andrew Collings | Principal Planner
Tracey Deckard | Office Manager
Gunnar Olson | Communication & Strategy Manager
Sreyoshi Chakraborty | Senior Planner
Allison van Pelt | Senior Planner
Zhi Chen | Associate Planner
Tanvi Halde | Intern
Aspen Pflanz | Intern

Representatives Absent:
Anthony Bellizzi | City of Cumming**
Al Miller | Dallas County
Michael Ludwig | City of Des Moines
Dustin Tieg | City of Elkhart
Matt Ahrens | City of Grimes
Julia Castillo | HIRTA
Wayne Patterson | City of Mitchellville
Luke Parris | City of Norwalk
Joe Herman | City of Van Meter
Eric Petersen | City of West Des Moines
Bryan Mulcahy | DSM International Airport
Darla Hugaboom | FHWA
Mark Bechtel | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative

Others Present:
Dr. Peter Levi | Drake University

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1. **Call to Order**
MPO TTC Chair recognized a quorum and called the August 6, 2020, meeting to order at 9:33 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. **ROLL CALL**
Meeting registration used.

4. **Approval of Meeting Minutes**
*MOTION:* A motion was made and seconded to approve the MPO TTC May meeting minutes as amended.
*MOTION CARRIED UNANIMOUSLY*

5. **Presentation: Assessing the Ecological State of Fourmile Creek and Walnut Creek**
Dr. Peter Levi from Drake University presented.

6. **FY 2021-2024 Transportation Capital Improvement Program**
Staff presented. Recommend approval of the Fiscal Years 2021-2024 Transportation Capital Improvement Program.
*MOTION:* A motion was made and seconded to approve the draft Transportation Improvement Program.
*MOTION CARRIED UNANIMOUSLY*

7. **Iowa Clean Air Attainment Program Pre-Applications**
Staff presented. Report and discussion only.

8. **Des Moines Area MPO 2019 Travel Time Reliability & Freight Reliability Report**
Staff presented. Report and discussion only.

9. **Upcoming Events**
Information only.

10. **Other Non-Action Items of Interest to the Committee**
MPO Senior Planner, Allison van Pelt discussed Hazard Mitigation

11. **Next Meeting Date**
The next meeting will be held at 9:30 a.m., on Thursday, September 3, 2020 via remote access.

12. **Adjournment**
*MOTION:* A motion was made and seconded to adjourn the MPO TTC’s August 6, 2020 meeting; the TTC Chair adjourned the meeting at 10:16 a.m.
*MOTION CARRIED UNANIMOUSLY*
ISSUE: Integrated Corridor Management

PRESENTATION: Update from Iowa DOT and MPO staff regarding the Des Moines Integrated Corridor Management (ICM) project, including initial strategies and goals moving forward

BACKGROUND:
Over the last few years, the Iowa Department of Transportation (DOT) has studied integrated corridor management (ICM) strategies and selected capacity improvements to cost-effectively and proactively manage traffic in the Des Moines metropolitan area. The Iowa DOT plans to work with local jurisdictions to cooperatively use ICM strategies throughout the area as a means to proactively manage traffic under all types of conditions to deliver improved levels of safety, mobility, reliability, and quality of life for all users.

At the September meeting, staff from the Iowa DOT and the MPO will provide an update on the ICM project. This will include a review of initial strategies — including ramp metering and queue warning — recommended for deployment on the interstate system, as well as a discussion of how to collaboratively work with local jurisdictions to integrate ICM goals moving forward.

RECOMMENDATIONS:
None. Presentation only.

STAFF CONTACT:
Dylan Mullenix, dmullenix@dmampo.org
(515) 334-0075
ISSUE: FY 2021-2024 Transportation Improvement Program Amendment Request

REPORT and VOTE: Report regarding an amendment to the Federal Fiscal Year 2021-2024 Transportation Improvement Program (FFY 2021-2024 TIP) to adjust funding for an Iowa Department of Transportation (DOT) project from State to Federal; consider approval.

BACKGROUND:

The Iowa DOT has requested an amendment to the FFY 2021-2024 TIP to adjust funding for an I-35 project from State to Federal. The project includes PRF funding of $3,935,000 to mill and resurface a section of I-35 in the Ankeny area.

RECOMMENDATIONS:

Approve the Federal Fiscal Years 2021-2024 Transportation Improvement Program amendment request.

STAFF CONTACT:

Sreyoshi Chakraborty, schakraborty@dmampo.org; (515) 334-0075
ISSUE: Iowa’s Clean Air Attainment Program Applications

REPORT and VOTE: Consider approval of the Federal Fiscal Year 2022 Iowa Clean Air Attainment Program applications.

BACKGROUND:

Pre-applications for Federal Fiscal Year 2022 Iowa Clean Air Attainment Program applications were due on July 28, 2020. Staff provided an overview of the pre-applications at the August meeting.

The ICAAP Schedule moving forward is as follows:

- **August 2020** – Pre-Application presented to the Transportation Technical, Executive, and Policy Committee’s for review.
- **September 2020** – 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, 2020** – 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).

A list of the submitted FFY 2022 ICAAP pre-applications is included on the following page.

RECOMMENDATION:

Recommend approval of the Federal Fiscal Year 2022 Iowa Clean Air Attainment Program applications.

STAFF CONTACT:

Zach Young, zyoung@dmampo.org; (515) 334-0075.
ISSUE: UPWP Project Development

REPORT: MPO review of a FY 2021 Unified Planning Work Program (UPWP) project at the project outset and request for feedback.

BACKGROUND:

As development of projects outlined in the FY2021 UPWP begins, MPO staff will bring the scope, intent, and expected outcomes of planned projects to MPO committees for feedback.

In Fall 2020 MPO staff will update the Environmental Justice Report, last updated in 2018. Historically, the report has used census tract data for seven degrees of disadvantage to determine environmental justice areas in the MPO planning area and is used during project scoring for transportation funding. They are:

- Non-white population
- Carless households
- Households in poverty
- Single head of household with children
- Households with person(s) over 65
- Limited English proficiency
- Persons with disabilities

MPO staff will discuss with the committee these degrees, as well as the methodology of determining threshold of an environmental justice area to identify any alterations that should be made while developing this report update.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Allison van Pelt, avanpelt@dmampo.org
(515) 334-0075
ISSUE: Purple Heart Highway Update

REPORT: Discussion regarding the updated Iowa Highway 5 / US Highway 65 Freeway Corridor Interstate System Designation Summary Report

BACKGROUND:
Over the last decade the MPO has pursued efforts to designate the US 65/Iowa 5 bypass as an interstate. At the MPO’s request and with funding from communities along the corridor, the Iowa DOT produced in 2012 the Iowa Highway 5/US Highway 65 Freeway Corridor Interstate System Designation Summary Report. This report outlined the potential improvements necessary for the interstate designation, including issues related to roadway design and safety, right-of-way access, and signage. The report also identified the need to address how to handle slow moving and/or overweight agricultural equipment.

Since the report’s publication the MPO and local stakeholders have worked to identify options to address the outstanding issues identified by the Iowa DOT, particularly the slow moving and overweight vehicle issues. The primary concern is that without an alternative to cross the Des Moines River, some farm operators would be unable to access some fields and/or grain elevators if they are unable to use the bypass.

Staff met with representatives of Farm Bureau in early March and had additional discussions with the DOT. The DOT recommended contracting with HNTB (who did the initial study) to update the Iowa Highway 5 / US Highway 65 Freeway Corridor Interstate System Designation Summary Report.

The report is in the process of being update. Staff will provide an update on the status of the report at the September meeting.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Todd Ashby, tashby@dmampo.org
(515) 334-0075
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 Event: James Chung – Rebuilding Toward Deeper Resiliency

- Wednesday, September 23, 2020 (virtual event)
- 7:30-8:30 a.m. – Keynote with Chung
- 8:30-9:00 a.m. – Q & A with Chung
- Visit tomorrowplanspeakerseries.org/james-chung/ for additional information and to register.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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