NOTICE OF MEETING

Des Moines Area Metropolitan Planning Organization (MPO)
Executive Committee

11:30 a.m., Wednesday, August 12, 2020
Virtual Meeting
OR Dial 1-312-626-6799, Meeting ID: 852 3218 9316

TENTATIVE AGENDA

1. Call To Order
2. ROLL CALL
3. VOTE: Approval of Agenda
4. VOTE: Approval of Meeting Minutes ................................................................. Page 2
   • Approve the July 8, 2020, meeting minutes.
5. CONSENT and VOTE: Contracts and Expenses .................................................... Page 5
6. REPORT and VOTE: FY 2021-2024 Transportation Capital Improvement Program ........ Page 6
   • Report regarding the Final FY 2021-2024 TCIP Report and addition of hazard mitigation
     projects; consider approval.
   • Report and discussion on the expenditures for Fiscal Year 2019.
8. REPORT: Iowa Clean Air Attainment Program Pre-Applications ............................. Page 8
   • Report regarding Federal Fiscal Year 2022 Iowa Clean Air Attainment Program applications.
9. REPORT: Des Moines Area MPO 2019 Travel Time Reliability & Freight Reliability Report...Page 10
10. REPORT: Transload Facility Update ...................................................................... Page 11
    • Update on the development of the Des Moines Transload Facility.
11. REPORT: Purple Heart Highway Update ............................................................... Page 12
    • Update on the progress towards designating Iowa Highway 5/US Highway 65 as an interstate.
12. REPORT: Water Trails Update ............................................................................. Page 13
    • Update on efforts related to the use of the BUILD Grant for water trails.
13. REPORT: Legislative Update ................................................................................ Page 14
    • Standing item to discuss any items related to the Federal and State Legislative issues.
14. REPORT: Upcoming Events ................................................................................. Page 15
15. Other Non-Action Items of Interest to the Committee
16. Next Meeting Date – September 9, 2020, at 11:30 a.m.
17. Adjournment
ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the July 8, 2020, Executive Committee meeting minutes.

BACKGROUND:

The minutes of the July 8, 2020, Executive Committee meeting is included on the following pages.

RECOMMENDATION:

Approve the minutes of the July 8, 2020, Executive Committee meeting.

STAFF CONTACT:

Tracey Deckard, tdeckard@dmampo.org
(515) 334-0075
MEETING MINUTES
Des Moines Area Metropolitan Planning Organization (MPO)
EXECUTIVE COMMITTEE
11:30 a.m., Wednesday, July 8, 2020

Des Moines Area MPO | Virtual Meeting

The MPO Executive Committee held a virtual meeting at 11:30 a.m. on July 8, 2020. MPO staff emailed agenda packets to the MPO Executive and members on July 3, 2020. In addition to these published tentative minutes, there also may be additional meeting notes on file with the MPO staff that are public records and available upon request as provided by law. These tentative minutes reflect all action taken at the meeting.

Executive Members Present:
Joe Gatto | City of Des Moines
Matt McCoy | Polk County
Sara Kurovski | City of Pleasant Hill
Steve Gaer | City of West Des Moines
Ted Weaver | City of Clive
Gary Lorenz | City of Ankeny
Chris Coleman | City of Des Moines
Stephanie Riva | City of Norwalk
Jeff Walters | City of Polk City

Executive Members Absent:
Kyle Mertz | City of Altoona
Bob Andeweg | City of Urbandale
Andy Loonan | IDOT

Staff Present:
Todd Ashby | Executive Director
Dylan Mullenix | Assistant Director
Zach Young | Planning Manager
Andrew Collings | Principal Planner
Gunnar Olson | Communication Manager
Tracey Deckard | Office Manager
Allison van Pelt | Associate Planner
Sreyoshi Chakraborty | Senior Planner
Zhi Chen | Associate Planner
Tanvi Halde | Intern
Scott Brennan | MPO General Counsel (alt)
Elizabeth Prescutti | DART
Clifford Leonard | Public

1. **Call to Order**
MPO Chair Joe Gatto called the July 8, 2020, meeting to order at 11:32 a.m. A quorum was present.

2. **Roll Call**
Kyle Mertz, City of Altoona, Bob Andeweg, City of Urbandale and Andy Loonan, Iowa DOT were absent.

3. **Approval of Agenda**
**MOTION:** A motion was made to approve the July 8, 2020, Des Moines Area Metropolitan Planning Organization Executive Committee meeting agenda.
**MOTION CARRIED**

4. **Contracts and Expenses**
Executive Director presented. Recommend approval of payment of the annual partnership with Street Collective in the amount of $20,000.00. Discussion ensued.

**MOTION:** A motion was made to approve the payment of the $20,000 annual partnership with the Street Collective.
**MOTION CARRIED**

5. ** Approval of Meeting Minutes**
**MOTION:** A motion was made to approve the May Executive Committee meeting minutes.
**MOTION CARRIED**

6. **Final FFY 2021-2024 Transportation Improvement Program**
Staff presented. Recommend approval of the FFY 2021-2024 Transportation Improvement Program.
**MOTION:** A motion was made to approve the final FFY 2021-2024 Transportation Improvement Program.
**MOTION CARRIED**
7. **FFY 2021-2024 Transportation Capital Improvement Program**  
   Staff presented. Report and discussion only.

8. **Des Moines Transload Facility Update**  
   Staff presented. Report and discussion only.

9. **Purple Heart Highway Update**  
   Executive Director presented. Report and discussion only.

10. **Water Trails Update**  
    Staff presented. Report and discussion only.

11. **Legislative Update**  
    Staff presented. Report and discussion only.

12. **Upcoming Events**  
    Discussion regarding the meeting with the Iowa Department of Transportation.

13. **Other Non-Action Items**  
    Discussion about the logistics of holding the June MPO Policy meeting in-person.

14. **Next Meeting Date**  
    August 10, 2020 beginning at 11:30.

15. **Adjournment**  
    Hearing no objection to the contrary, the Chair adjourned the Executive Committee meeting at 11:56 a.m.
ISSUE: Contracts and Expenses

Consent and VOTE: Consider approval of the following expenses in accordance with the MPO’s proposed policies and procedures regarding contracts and expenses.

BACKGROUND:

Below is an expense that exceed the limits set by the MPO’s policy and procedures regarding expenditures.

<table>
<thead>
<tr>
<th>VENDOR</th>
<th>PURPOSE</th>
<th>NOTES/INFORMATION</th>
<th>AMOUNT REQUESTED</th>
</tr>
</thead>
<tbody>
<tr>
<td>HNTB</td>
<td>IA 5/US 65 Corridor Study</td>
<td>Study to designate IA 5/US 65 as interstate highway.</td>
<td>$6,540.05</td>
</tr>
</tbody>
</table>

RECOMMENDATION:

Recommend approval of the above expense.

STAFF CONTACT:

Todd Ashby, tashby@dmampo.org
(515) 334-00
ISSUE: FY 2021-2024 Transportation Capital Improvement Program

REPORT and VOTE: Report regarding the Final FY 2021-2024 Transportation Capital Improvement Program and the addition of hazard mitigation projects.

BACKGROUND:

Staff collected and analyzed data for the FY 2021-2024 Transportation Capital Improvement Program (TCIP). Hazard mitigation projects were included in this year’s report in addition to the standard Roads/Parking Lots, Traffic Safety, Intersections, Bridges, Pedestrian/Streetscape, Trails, Water Trails, and Transit projects. The report and interactive map of the projects will be made available to the public on the MPO’s website soon.

The Final FY 2021-2024 Transportation Capital Improvement Program is available on the MPO website (click to access).

RECOMMENDATIONS:

Recommend approval of the FY 2021-2024 Transportation Capital Improvement Program Report.

STAFF CONTACT:

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

REPORT: Update on the expenditures for Fiscal Year 2020

BACKGROUND:

The MPO staff has developed a status report for the Fiscal Year 2020 budget. The report compares expenditures as compared to budgeted amounts as well as the status of the MPO’s federal planning funds.

The End-of-Year report will be provided prior to the August meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Dylan Mullenix, dmullenix@dmampo.org
(515) 334-0075
ISSUE: Iowa’s Clean Air Attainment Program Applications

REPORT: Report on 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 will provide 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:

None. Report and discussion only.

STAFF CONTACTS:

Zach Young, zyoung@dmampo.org; (515) 334-0075.
<table>
<thead>
<tr>
<th>Primary Sponsor</th>
<th>Project Title</th>
<th>Project Description</th>
<th>Total Estimated Project Cost</th>
<th>ICAAP Funding Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Des Moines</td>
<td>Traffic Signal Timing Updates - Phase 4</td>
<td>This project is the fourth phase of a multi-phase effort to review and update the signal timing and phasing of the traffic signal systems throughout Des Moines.</td>
<td>$250,000</td>
<td>$200,000</td>
</tr>
<tr>
<td>Norwalk</td>
<td>Norwalk Traffic Signal System Enhancement Project</td>
<td>As identified in a 2018 joint City/Iowa DOT IA 28 Corridor Study, this project will update the existing signals in the City of Norwalk along IA 28 and result in an interconnected system for management and resulting in reduced delay and pollutants. The first step in this project will be a systems engineering study (following guidelines by the Federal Highway Administration) to objectively determine the necessary enhancements to the City traffic signal system. This study will review the potential strategies such as implementing either adaptive traffic signal control, use of automated traffic signal performance measures, or a stepped approach to determine where adaptive control would be best utilized. Following the study, the identified traffic signal system components will be designed and implemented. It is expected this system will include updated controllers and ATC signal cabinets, updated vehicle detection, intersection and system software to monitor performance measures, intersection observation cameras, and fiber optic interconnect.</td>
<td>$870,000</td>
<td>$695,000</td>
</tr>
<tr>
<td>DART</td>
<td>Route 17 Extension to Bondurant</td>
<td>DART plans to extend the existing Route 17 from the current terminus (Outlets of Des Moines) in Altoona to the new Amazon facility located at 1st Ave N. / NE 62nd Ave in Bondurant. The facility is slated to employ 1,000 people and DART will match transit service with Amazon employee shift times resulting in the addition of four additional daily roundtrips.</td>
<td>$80,000</td>
<td>$50,743</td>
</tr>
<tr>
<td>Altoona</td>
<td>1st Ave. and 9th St. Roundabout and Shared Use Path</td>
<td>Converting the intersection at 1st Ave. N and 9th St. NW to a roundabout and adding a shared use path along 1st Ave. N.</td>
<td>$3,938,710</td>
<td>$1,969,355</td>
</tr>
<tr>
<td>Ankeny</td>
<td>IA 160 / SW Oralabor Road and IA 415 / SW State Street Intersection Improvements</td>
<td>Concept design includes the construction of dual left turn lanes for the northbound, eastbound, and southbound approaches as well as the addition of right turn lanes for the westbound and southbound approaches. Project also includes the replacement of the existing traffic signal equipment at the intersection and upgrade of pedestrian ramps and crossings.</td>
<td>2,200,000</td>
<td>1,100,000</td>
</tr>
<tr>
<td>Grimes</td>
<td>Traffic Signal Network Implementation</td>
<td>Project will install fiber optic cable and conduit along IA Hwy 141 from E First St to Beaverbrooke Blvd, along Beaverbrooke Blvd from IA Hwy 141 to N James St, and along SE 37th St from Gateway Dr to S James St. Project will also implement a signal management software allowing the City to remotely monitor and update traffic signal operations. System will include automated signal performance measures to record traffic volumes and operational performance. Project will also install traffic monitoring cameras at select locations to be able to monitor operations.</td>
<td>$400,000</td>
<td>$320,000</td>
</tr>
</tbody>
</table>
ISSUE: Des Moines Area MPO 2019 Travel Time Reliability and Freight Reliability Report


BACKGROUND:

In May 2017, the Federal Highway Administration (FHWA) released the final rulemaking on performance measures that State Departments of Transportation’s (DOTs) and Metropolitan Planning Organizations (MPOs) will report for system performance on the Interstate and non- Interstate National Highway System (NHS) for the National Highway Performance Program (NHPP) and for freight performance on the Interstate system for the National Highway Freight Program (NHFP). The draft 2019 Travel Time Reliability and Freight Reliability Report is available here.

The measures related to system and freight performance are:

System Performance
- Percent of Reliable Person-Miles Traveled on the Interstate
- Percent of Reliable Person-Miles Traveled on the Non-Interstate NHS

Freight Performance
- Percent of Interstate System Mileage Providing for Reliable Truck Travel Time (Truck Travel Time Reliability Index)

<table>
<thead>
<tr>
<th>Performance Measure</th>
<th>2019</th>
<th>Five-Year Target 2017-2021</th>
<th>Performance</th>
<th>2050 Target</th>
<th>Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Percent of Person Miles Traveled on Interstate that are Reliable</td>
<td>97.6</td>
<td>100</td>
<td>✗</td>
<td>95</td>
<td>✗</td>
</tr>
<tr>
<td>Percent of Person Miles Traveled on Non-Interstate NHS that are Reliable</td>
<td>94.3</td>
<td>66</td>
<td>✓</td>
<td>75</td>
<td>✓</td>
</tr>
<tr>
<td>Interstate Truck Travel Time Reliability Index</td>
<td>1.33</td>
<td>1.28</td>
<td>✗</td>
<td>1.28</td>
<td>✗</td>
</tr>
</tbody>
</table>

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Zhi Chen, zchen@dmampo.org
(515) 334-0075
ISSUE: Des Moines Transload Facility

REPORT: Update regarding the Des Moines Transload Facility.

BACKGROUND:

Staff is continuing to work with Des Moines Industrial, LLC, to develop the Des Moines Transload Facility. The following are the main topics that staff is working with the Federal Railroad Administration (FRA) and Des Moines Industrial, LLC, to complete:

- Environmental Assessment public comment period completed on July 27, 2020;
- Des Moines Industrial has received signoff on design from the railroads;
- FONSI has been drafted and is in second round of reviews by the FRA;
- DSMI is reviewing draft sub-agreement with Des Moines Industrial for the BUILD grant; and,
- The BUILD grant agreement is waiting for signatures following the completion of the FONSI.

Staff will provide a full update at the August meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Zach Young, zyoung@dmampo.org
(515) 334-0075
ISSUE: Purple Heart Highway Update

REPORT: Update on progress towards designating Iowa Highway 5/US Highway 65 as an interstate.

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.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Todd Ashby, tashby@dmampo.org; (515) 334-0075
ISSUE: Water Trails Update

REPORT: Discussion regarding the execution of the BUILD Grant for Central Iowa Water Trails.

BACKGROUND:

In November, the Des Moines Area MPO was awarded a $25 million grant from the Better Utilizing Investments to Leverage Development, or BUILD, grant program of the U.S. Department of Transportation.

The grant is significantly accelerating the implementation of the Central Iowa Water Trails initiative, specifically a five-mile stretch of the Des Moines River including the mitigation of the Scott Avenue Dam and improvements at three neighborhood access points.

Snyder and Associates has been brought on as the owner’s representative and is providing weekly project updates. Notable progress includes:

- Schematic design is the key focus for the possible dam-modification projects.
- Concepts are being refined for the neighborhood access sites.

Staff will provide updates as part of the discussion.

RECOMMENDATIONS:

None. Report and discussion only.

STAFF CONTACT:

Todd Ashby, tashby@dmampo.org
(515) 334-0075
ISSUE: Legislative Issues Update

REPORT: Standing item to discuss Federal and State legislative issues.

BACKGROUND:
Standing item throughout the Iowa legislative session to allow the committee to discuss any legislative (federal or state) items of interest.

RECOMMENDATIONS:
None. Report and discussion only.

STAFF CONTACT:
Dylan Mullenix, dmullenix@dmampo.org;
(515) 334-007
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