NOTICE OF MEETING

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

9:30 a.m., Thursday, December 5, 2019
Des Moines Area MPO Burnham Conference Room

TENTATIVE AGENDA

1. Call To Order
2. VOTE: Approval of Agenda
3. VOTE: Approval of Meeting Minutes ................................................................. Page 2
   • Approve the November 7, 2019, meeting minutes.
4. PRESENTATION: Des Moines International Airport Parking Garage Navigation System ........ Page 5
   • Airport staff will discuss the new parking garage navigation system.
5. REPORT: Surface Transportation Block Grant (STBG) Program Schedule .......................... Page 6
   • Report on the Federal Fiscal Year 2023 Surface Transportation Block Grant (STBG) Program Schedule.
6. REPORT: Water Investment Mapping Project .................................................................. Page 7
   • Report on MPO’s effort to map regional water investments.
7. REPORT: DRAFT 2019 Central Iowa Trail Condition Report ........................................ Page 8
   • Report on the process and findings of the 2019 Iowa Data Bike data collection effort.
8. REPORT: Iowa Data Bike 2.0 .......................................................................................... Page 9
   • Review of a proposal to develop a second Iowa Data Bike that improves upon the first.
9. REPORT: Calendar Year 2020 Meeting Dates Update .................................................. Page 10
   • Updated on the meeting dates for Calendar Year 2020.
10. REPORT: Upcoming Events ......................................................................................... Page 12
11. Other Non-Action Items of Interest to the Committee
12. Next Meeting Date – January 9, 2020, at 9:30 a.m.
13. 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.
ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the November 7, 2019, MPO Technical Committee meeting minutes.

BACKGROUND:

The minutes of the November 7, 2019, MPO Technical Committee meeting are included on the following pages.

RECOMMENDATION:

Approve the minutes of the November 7, 2019, 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, November 7, 2019
Des Moines Area MPO Burnham Conference Room

The MPO TTC held a meeting at 9:30 a.m., November 7, 2019, at the Des Moines Area MPO Burnham Conference Room. Before the meeting, the MPO staff emailed agenda packets to the TTC representatives and posted the agenda at the MPO office on November 1, 2019.

Representatives Present:
Scott Atzen | City of Altoona
Mark Mueller | City of Ankeny
Paul Moritz | City of Ankeny
Maggie Murray | City of Bondurant
Jeff Schug | City of Carlisle
Jeff May | City of Clive
John Davis | City of Des Moines
Bert Drost | City of Des Moines
Steve Naber | City of Des Moines
Luis Montoya | DART
Charlie Dissell | City of Indianola**
Matt Ahrends | City of Grimes
Dave Wilwerding | City of Johnston
Tom Leners | Madison County**
Luke Parris | City of Norwalk
Madeline Sturms | City of Pleasant Hill
Bret VandeLune | Polk County
Chelsea Huisman | City of Polk City
Dave McKay | City of Urbandale
David Carroll | Warren County
Brad Deets | City of Waukee
Kara Tragesser | City of West Des Moines
Eric Petersen | City of West Des Moines
Andy Loonan | IDOT

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

Others Present:
Clifford Leonard | Public

Representatives Absent:
Anthony Bellizzi | City of Cumming**
Al Miller | Dallas County
Julia Castillo | HIRTA
Wayne Patterson | City of Mitchellville
Allan Adams | City of Van Meter
Dalton Jacobus | City of Windsor Heights
Bryan Mulcahy | DSM International Airport
Darla Hugaboom | FHWA
Mark Bechtel | Federal Transit Administration*
* Non-Voting, Advisory Representative
** Non-Voting, Associate Representative
1. **Call to Order**  
MPO TTC Chair recognized a quorum and called the November 7, 2019, meeting to order at 9:30 a.m.

2. **Approval of Agenda**  
**MOTION:** A motion was made and seconded to approve the November 7, 2019 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 October 3, 2019 meeting minutes.  
**MOTION CARRIED UNANIMOUSLY**

4. **Presentation: Ankeny Bicycle Tourism Plan**  
Derek Lord from the City of Ankeny’s Economic Development Department presented.

5. **Calendar Year 2020 Meeting Dates**  
Staff presented. Recommend approval of proposed CY 2020 meeting dates.  
**MOTION:** A motion was made and seconded to approve the MPO TTC meeting dates.  
**MOTION CARRIED UNANIMOUSLY**

6. **Mobilizing Tomorrow Final Draft**  
Staff presented. Recommend approval.  
**MOTION:** A motion was made and seconded to approve the Mobilizing Tomorrow final draft.  
**MOTION CARRIED UNANIMOUSLY**

7. **Surface Transportation Block Grant Scoring Criteria**  
Staff presented. Recommend approval  
**MOTION:** A motion was made and seconded to approve the Surface Transportation Block Grant Scoring Criteria.  
**MOTION CARRIED UNANIMOUSLY**

8. **Model Bicycle Ordinance Update**  
Staff presented. Report only.

9. **Greater Des Moines Street Collective’s B-Cycle Application**  
Staff presented. Report only.

10. **Upcoming Events**  
Information only.

11. **Other Non-Action Items of Interest to the Committee**  
Executive Director Todd Ashby informed the committee that the Water Trails Project had received a BUILD Grant for 25 million dollars. He also encouraged the committee members to donate to the MPO Combat Hunger food drive.

12. **Next Meeting Date**  
The next meeting will be held at 9:30 a.m., on Thursday, December 5, 2019.

13. **Adjournment**  
**MOTION:** A motion was made and seconded to adjourn the MPO TTC’s November 7, 2019 meeting; the TTC Chair adjourned the meeting at 10:15 a.m.  
**MOTION CARRIED UNANIMOUSLY**
PRESENTATION: Des Moines International Airport Parking Garage Navigation System

PRESENTATION: Presentation and discussion of the Des Moines International Airport Parking Garage Navigation System

BACKGROUND:

A Des Moines International Airport representative will discuss the airport’s new parking garage navigation system. This $838,000 system includes nearly 1400 individual sensors and 27 directional signs to provide real-time information assistance to motorists by finding empty parking spaces quickly and is an example of Smart City technology.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACTS:

Dylan Mullenix, dmullenix@dmampo.org; (515) 334-0075
ISSUE: Surface Transportation Block Grant (STBG) Program Schedule

REPORT: Report on the Federal Fiscal Year 2024 Surface Transportation Block Grant (STBG) Program Schedule.

BACKGROUND:

The MPO will award Surface Transportation Block Grant (STBG) Program funds to critical projects throughout the region. The MPO will begin the process for selecting and awarding Federal Fiscal Year (FFY) 2024 STBG funds in December 2019.

MPO staff will post applications on the MPO website by December 5, 2019. Completed applications are due to the MPO office by January 17, 2020.

Applications, guidelines, schedule and scoring criteria will be posted on the MPO website by December 5, 2019.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACTS:

Zach Young, zyoung@dmampo.org;
(515) 334-0075
ISSUE: Water Investment Mapping Project

REPORT: Report on MPO’s effort to map regional water investments.

BACKGROUND:

Throughout the Des Moines metro there are multiple efforts targeting water issues; water trails, watershed management, flood mitigation, stormwater improvements, green infrastructure, water quality testing, etc. In an effort to organize the many water investments happening region wide, MPO staff has developed an online mapping tool for jurisdictions to input details about their contributions to these regional efforts.

Additional information about this online mapping tool will be shared at the December meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Allison van Pelt, avanpelt@dmampo.org;
(515) 334-0075
ISSUE: DRAFT 2019 Central Iowa Trail Condition Report

REPORT: Report on the process and findings of the 2019 Iowa Data Bike data collection effort

BACKGROUND:

The MPO’s Data Bike Program has been developed to utilize a bike-based data collection system that provides comprehensive trail roughness information for the over 600 plus miles of trails within Central Iowa. In 2018 the MPO produced a report of trail conditions from a data collection effort in 2017 (click to access report from the MPO’s website).

During the summer and fall of 2019, the MPO staff conducted another round of data collection on approximately 112 miles of more highly used trails and the Downtown Des Moines on-street bike facilities. Over 31,400 photos of the trail surface, and more than 1,400 photos for Google Street View were also collected.

The process and finding from the recent data collection are summarized in the draft 2019 Central Iowa Trail Conditions Report. The draft report is available for review on the MPO website (click to access).

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Sreyoshi Chakraborty, schakraborty@dmampo.org; (515) 334-0075
ISSUE: Iowa Data Bike 2.0

REPORT: Review of a proposal to develop a second Iowa Data Bike.

BACKGROUND:

The MPO debuted the Iowa Data Bike in the spring of 2017. Since that time the technology used has advanced considerably prompting staff to reassess the tools and functionality of the Iowa Data Bike. Based on this review, MPO staff proposes the development of the Iowa Data Bike 2.0.

A proposal document is available on the MPO website (click to access). Additional information and budget considerations will be discussed at the December meeting.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

Gunnar Olson, golson@dmampo.org
(515) 334-0075
ISSUE: Calendar Year 2020 Meeting Dates

REPORT: Update regarding the proposed meeting dates for Calendar Year 2020.

BACKGROUND:
At its November meeting the Technical Committee voted to approve the proposed Calendar Year 2020 meeting dates to comply with the State of Iowa’s Open Meetings Law. At its November meeting, the Policy Committee voted to amend the schedule recommended by the Technical Committee. The change made affects the Technical Committee’s November 2020 meeting date, which will now be on October 29, 2020.

Included, immediately following, is the updated Calendar Year 2020 MPO meeting schedule.

RECOMMENDATIONS:
None. Report and discussion only.

STAFF CONTACT:
Tracey Deckard, tdeckard@dmampo.org; (515) 334-0075.
# MPO COMMITTEE 2020 MEETING DATES

*As approved by the Policy Committee 11/21/19*

<table>
<thead>
<tr>
<th>TTC COMMITTEE</th>
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<th>POLICY COMMITTEE</th>
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<td><strong>Thursday, January 9</strong></td>
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<td>Thursday, December 3</td>
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*Meeting date change- different from normal schedule-

January- all meetings moved one week due to New Year Holiday

November- TTC and Exec moved up one week (MPO closed for Veterans day Nov 11)

**MPO Executive and Policy Committee approved the elimination of Policy meetings in March, July and December**
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.

Cultivating Communities as a Catalyst for Lasting Change

Rich Harwood, president and founder of The Harwood Institute, will be the keynote speaker for a special edition of the Tomorrow Plan Speaker Series, featuring a midpoint review of Capital Crossroads 2.0. Harwood is dedicated to transforming public and political lives by supporting individuals, organizations and communities in their quest to create change. Harwood will discuss concrete ways for Central Iowans to build community and overcome challenges to inspire positive, lasting change.

THURSDAY, DECEMBER 12 - STATE HISTORICAL MUSEUM, DES MOINES
11:30 a.m. — PICK UP LUNCH (optional for purchase)
11:35 a.m. — MIDPOINT REVIEW OF CAPITAL CROSSROADS
12 p.m. — KEYNOTE
1 p.m. — Q&A

RSVP HERE: http://tomorrowplanspeakerseries.org/rich-harwood/

Iowa Safe Routes to Schools Conference

The Iowa Safe Routes to School conference will focus on successful Safe Routes to Schools programs, how to mobilize volunteers, grant writing, and more. Stay tuned for more details. The conference will be held 10 a.m. to 3 p.m. January 23 at Des Moines Area MPO offices. Lunch will be available for purchase during registration ($12), or maps will be provided for lunch on your own. To register visit https://www.eventbrite.com/e/2020-iowa-safe-routes-to-school-conference-tickets-83356819491.

RECOMMENDATION:

None. Report and discussion only.

STAFF CONTACT:

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