NOTICE OF MEETING

Des Moines Area Metropolitan Engineering Organization (MPO)
Transportation Technical Committee (TTC)
Engineering Subcommittee
1:30 p.m., Monday, October 16, 2017
Des Moines Area MPO Mead Conference Room
–
TENTATIVE AGENDA

1. **Call To Order**
2. **VOTE: Approval of Agenda**
3. **VOTE: Approval of Meeting Minutes**..... Page 2
   - Approve the August 21, 2017, meeting minutes.
4. **REPORT: Passenger Transportation Plan Update** ..... Page 5
   - Overview of PTP Update Process
5. **REPORT: Safety Targets** ..... Page 6
   - Discussion on Safety Target Setting for the MPO Engineering Area
6. **REPORT: Model Update** ..... Page 7
   - Discussion regarding travel demand model update
7. **Other Non-Action Items of Interest to the Committee**
8. **Next Meeting Date**
   - 1:30 p.m., Monday, November 20, 2017, Des Moines Area MPO Office.
9. **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.

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October 2017
Item No. 3

ISSUE: Approval of Meeting Minutes

VOTE: Consider approval of the August 21, 2017, Engineering Subcommittee meeting minutes.

BACKGROUND:

The minutes of the August 21, 2017, Engineering Subcommittee meeting are included on the following pages.

RECOMMENDATION:

Approve the minutes of the August 21, 2017, Engineering Subcommittee meeting.

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MEETING MINUTES

Des Moines Area Metropolitan Planning Organization (MPO)
Transportation Technical Committee Engineering Subcommittee
1:30 p.m., Monday, August 21, 2017
Des Moines Area MPO Office
Mead Conference Room
Des Moines, Iowa

Members Present:
Paul Moritz, City of Ankeny
Jon Hanson, City of Altoona
Jeff May, City of Clive
Matt Greiner, City of Johnston
Dave McKay, City of Urbandale
Joe Cory, City of West Des Moines

Members Absent:
Jennifer McCoy, City of Des Moines
Kurt Bailey, Polk County

Staff Present:
Dylan Mullenix, Assistant Director
Zach Young, Principal Planner
Marcus Coenen, Associate Transportation Planner

1. **Call to Order**

   Paul Moritz called the meeting to order at 1:31 p.m.

2. **Approval of Agenda**

   Subcommittee members voted to approve the meeting agenda.

3. **Approval of Meeting Minutes**

   Subcommittee members voted to approve the June 19, 2017, meeting minutes.

4. **Traffic Analysis Zones (TAZ) Update**

   Staff provided an overview of the changes being made to the TAZs as part of the overall model update. Staff noted that this process will likely take around three to four months and will be brought back to the committee in the future for further review.

5. **Long-Range Transportation Plan Update**

   Staff provided an overview of the draft performance measures, state of the transportation system story map, process, and timeline for the Long-Range Transportation Plan update.
   Discussion ensued regarding various aspects of the plan update.

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6. Regional Water Trails Study Update

Staff provided a status update on the regional water trails study and provided some preliminary engineering drawings demonstrating what the final product will look like. The consensus of the committee was that the consultant is producing a quality product and communities will feel they are getting for the money they invested.

7. Draft MPO Safety Performance Report

Staff provided an overview of the safety performance report. Discussion ensued regarding the how to set safety targets in relation to the State's targets.

8. Regional Stormwater Policy

Staff provided an overview of process moving forward to developed the regional stormwater policy. Discussion ensued regarding the difficulty of developing an ordinance that would meet the needs of all communities and how to achieve it.

9. Other Non-Action Items of Interest

None.

10. Next Meeting Date

September 18, 2017, at 1:30 p.m.

11. Adjournment

The meeting adjourned at 2:10 p.m.

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October 2017
Item No. 4

ISSUE: Passenger Transportation Plan

REPORT: Overview of PTP Update Process

BACKGROUND:

Every five years, MPOs and RPAs are required to update their Passenger Transportation Plan (PTP) for the Iowa DOT. The PTP is a plan to coordinate local and regional passenger transportation services to better serve mobility needs and access to health and human services. The plan includes an inventory and area profile, identifies coordination issues, selects priorities and strategies for the next five years, and projects out funding sources and expectations.

The MPO will be working with DART, HIRTA, the Transportation Advisory Group, and other partners to develop the plan update. The draft is due to the Iowa DOT by February 1, 2018 with a final plan submitted by May 1, 2018.

RECOMMENDATION:

None. Report and discussion only.

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October 2017
Item No. 5

ISSUE: Safety Targets

REPORT: Discussion on Safety Target Setting for the MPO Engineering Area

BACKGROUND:

In accordance with performance measure and performance-based Engineering rule-making as outlined in MAP-21 and the FAST Act, the MPO is working to develop safety performance targets for the 2014-2018 time period.

In September 2017, MPO staff provided an overview of the most recent crash statistics and trends in the Safety of Our Streets report. The report included the Iowa DOT safety targets set in August 2017. Based on discussion at the Technical, Executive, and Policy Committee meetings, there was agreement that the Des Moines Area MPO would set its own safety performance targets, rather than support the state targets, as allowed under rule-making.

RECOMMENDATION:

None. Report and discussion only.

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October 2017
Item No. 6

ISSUE: Model Update

REPORT: Discussion regarding the travel demand model update.

BACKGROUND:

MPO staff in conjunction with the update of the Long-Range Transportation Plan is undertaking an update of the traffic demand model for the region. The model is a four-step model consisting of trip generation, trip distribution, mode split, and traffic assignment. As part of the update to the model, traffic analysis zones (TAZs) – the geographic area used to determine traffic productions and attractions in the region – will be reviewed and updated to improve the model outputs.

The update to the traffic demand model will alter the method for trip generation to existing land use classifications and future planned land uses, improving the ability to adapt to changes over time and incorporate elements of the Iowa Statewide Model Standardization process being developed by the Iowa DOT.

MPO staff will discuss current efforts to modify TAZs as part to the traffic demand model update process, as well as current data needs.

RECOMMENDATION:

None. Discussion only.

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