

DATE: November 23, 2016
TO: Transportation Technical Advisory Committee (TTAC)
FROM: Dennis Wilson, Chairman
Greg Youell, MAPA Executive Director
RE: December 2, 2016 TTAC Meeting

The MAPA TTAC will meet Friday, December 2, 2016 at 10:00 a.m. in the Metro Building at 2222 Cuming Street, Omaha, Nebraska 68102. The TTAC meeting will be held in the Metro Training Room on the lower level. Please enter the building through Metro's front door and follow the signs to the Metro Training Room on the lower level. The agenda item materials can be accessed by clicking on the linked agenda item titles.

The agenda is also available at the MAPA offices and online at <http://mapacog.org/calendar/events/?type=committee-events>.

AGENDA

For TTAC Approval / Review

- A. Meeting Minutes: TTAC will consider approval of the October 21, 2016 TTAC meeting minutes. (Action Item) (Attachment)

Recommendations to Board

- B. FY 2017-2020 Transportation Improvement Program (TIP) - Amendment 2: Staff will present various amendments to the FY 2017-2022 TIP from local jurisdictions and request a recommendation for Board approval. (Action Item) (Attachment)
- C. Call for Projects for the FY2018-2023 Transportation Improvement Program (TIP): Staff will present information about the policy guides, application forms, and submittal timelines for the Transportation Alternatives Program, Section 5310 Program, and Heartland 2050 Mini-Grant program. (Action Item) (Attachment)
- D. Public Participation Plan (PPP) Amendment: Staff will request a recommendation for the Board for final approval of the amendment to the Public Participation Plan. (Action Item) (Attachment)
- E. Functional Classification Map Update: Staff will present an updated Functional Classification Map based on input from the City of Omaha and Nebraska Department of Roads (Action Item) (Attachment)

Discussion Items

- F. Funding Obligation and Project Status: Staff will review the annual funding obligation, project status, and Obligation Authority (OA) balance trend analysis. (Information Item)
- G. MTIS Autonomous Vehicles Scenarios: HDR will present Travel Demand Modeling scenarios related to Autonomous Vehicles being studied as part of the Metro Travel Improvement Study (MTIS) (Information Item)
- H. Member Agencies Update: Agencies will present updates regarding ongoing and future projects/programs across the region. (Information Item) (Time Permitting)
- I. Additional Business
Upcoming Meetings: MAPA Board of Directors – December 8, 2016
Coordinated Transit Committee (CTC), 5310 Application Workshop – December 16, 2016
MAPA Council of Officials Meeting – January 11, 2017
Transportation Technical Advisory Committee – January 26th, 2017

- J. Adjournment

Auxiliary aids, language assistance, and services are available when requested in advance. Please call the office.
Si necesita ayuda con traduccion. Por favor llame la oficina.

OMAHA-COUNCIL BLUFFS METROPOLITAN AREA PLANNING AGENCY
Transportation Technical Advisory Committee
Minutes of December 2, 2016 Meeting

The Transportation Technical Advisory Committee met on Friday, December 2, 2016, at Metro, 2222 Cuming Street, Omaha, Nebraska. Mr. Denny Wilson opened the meeting at 10:03 a.m.

VOTING MEMBERS

Denny Wilson	Sarpy County Public Works
Dean Dunn	City of Bellevue Public Works
Chris Shewchuk	City of Bellevue Planning Department
Matt Cox	City of Council Bluffs Public Works
Greg Reeder	City of Council Bluffs Public Works
Dan Giittinger	City of Gretna
Rocky Henkel	City of La Vista Public Works
Stephen Osberg	City of Omaha Planning Department
Todd Pfitzer	City of Omaha Public Works
Bob Stubbe	City of Omaha Public Works
Murthy Koti	City of Omaha Public Works
Mark Stursma	City of Papillion Planning Department
Dan Kutilek	Douglas County Engineers Office
Scott Suhr	Iowa Department of Transportation
Noel Salac	Nebraska Department of Roads – Lincoln
Brad Zumwalt	Nebraska Department of Roads – Lincoln
Tim Weander	Nebraska Department of Roads – District 2
Eric Williams	Papio-Missouri River NRD
Bruce Fountain	Sarpy County Planning Department
Curt Simon	Metro Transit

NON-VOTING MEMBERS

Justin Luther	FHWA – Nebraska Division
Greg Youell	Metropolitan Area Planning Agency

GUESTS

Jeff Calentine	City of La Vista Public Works
Bryan Guy	City of Omaha Public Works
Bill Herr	Sarpy County Public Works
Larry Legg	Nebraska Department of Roads – Lincoln
Kyle Kovar	3M Traffic
Jeff LaMontagne	AECOM
Jeff Sockel	Alfred Benesch & Company
Adam Denney	Felsburg Holt & Ullevig
Jason Carbee	HDR, Inc.
Arobindu Das	Iteris, Inc.
John Jorgensen	HGM Associates
Evan Schweitz	Metro Transit
Nick Weander	Olsson Associates

STAFF

Court Barber	Metropolitan Area Planning Agency
Josh Corrigan	Metropolitan Area Planning Agency
Mike Helgerson	Metropolitan Area Planning Agency
Megan Walker	Metropolitan Area Planning Agency

A. Approval of Minutes

Motion #1: Approval of the minutes of the October 21, 2016 Transportation Technical Advisory Committee Meeting.

Motion by: Greg Reeder
Second by: Stephen Osberg
Motion Carried

B. FY 2017 – 2020 Transportation Improvement Program (TIP) – Amendment 2

Mr. Helgerson presented Amendment 2 of the TIP. Projects on the Amendment are:

- NDOR - Elkhorn River West
- Omaha - Q Street Bridge
- NDOR - I-480; Bancroft – Dewey
- NDOR's I-80/I-480/US-75 Interchange
- Omaha - OPS McMillan Middle School SRTS Project
- MAPA - FY 2017 MAPA TIP Document
- NGPC – Schramm SRA Natural Trail Signage
- Omaha – 2017 Omaha Resurfacing Program
- Omaha – Westbrook Safe Routes to School
- Omaha – Omaha Resurfacing Program

Additionally the Omaha Bike Share Expansion project is being moved to construction phase from a Planning Phase and will be incorporated into the Amendment that will be presented to the MAPA Board of Directors in December.

Motion #2: Seeking approval of the MAPA Board of Directors at their December 8, 2016 meeting of the FY 2017 - 2020 Transportation Improvement Program Amendment 2.

Motion by: Curt Simon
 Second by: Bill Herr
 Motion Carried

C. Call for Projects for the FY 2018 – 2023 Transportation Improvement Program (TIP)

Mr. Barber discussed with the TTAC information about the FY 2018 Call for Projects. MAPA is currently accepting applications for the Transportation Alternatives Program (TAP) and for the Heartland 2050 Mini-Grant Program.

Applications for both must be submitted no later than 4:30 pm on January 6, 2017. Applications and policy guides are available online.

Motion #3: Seeking approval of the MAPA Board of Directors at their December 8, 2016 meeting of the Call for Projects for the FY 2018 – 2023 Transportation Improvement Program.

Motion by: Stephen Osberg
 Second by: Eric Williams
 Motion Carried

D. Public Participation Plan (PPP) Amendment

Agenda Item D is removed from the Agenda.

Motion #4: Seeking approval of the Transportation Technical Advisory Committee to remove Agenda Item B from the December 2, 2016 Agenda.

Motion by: Tim Weander
 Second by: Bill Herr
 Motion Carried

E. Functional Classification Map Updates

Mr. Corrigan told the TTAC that NDOR is updating its Linear Referencing system which manages all of their roads in the state. In doing so, it required the verification of Nebraska Federally Functional Classified roads within the region although it had been updated two years ago. There were no major additions or revisions. The collector system was also studied. Another study will be done prior to the next census. Comments were solicited from jurisdictions in the MAPA region.

Mr. Pfitzer said the City of Omaha had discussed with their construction engineer where an issue had been brought up regarding how they use their money for maintenance on this system. He said their

percentages had not yet been reviewed from their targets from the FHWA. He asked if this Agenda Item could be held for a month to give the City of Omaha time to go over their information.

Motion #5: Seeking approval of the Transportation Technical Advisory Committee to move Agenda Item E to the January 2017 meeting's Agenda.

Motion by: Scott Suhr
 Second by: Mark Stursma
 Motion Carried

F. Funding Obligation and Project Status

Mr. Helgerson said the new FY 2017 is just beginning with information from both NDOR and Iowa DOT from the end of FY 2016 which means there are no obligations to show.

Iowa's balance remains the same from the 4th quarter of FY 2016 at \$566,000.

Mr. Legg commented on NDOR's projects that will be moving forward. He listed projects which include:

- Bellevue – 36th Street Phase 1-370 – Sheridan
- Bellevue – 36th Street Phase II
- Bennington - 156th Street
- Douglas County – 180th Street (Phase 2)
- Douglas County – 180th Street (Phase 1)
- Omaha – 108th Street
- Omaha – 114th Street – Pacific to Burke Streets
- Omaha – 156th Street (Phase 2)
- Omaha – Q Street Bridge
- Omaha – Omaha Signal Network – Infrastructure A-E
- Omaha – Omaha Signal Infrastructure Phase 0
- Omaha – Omaha ATMS Central System Software
- Omaha – Omaha Signal Network – System Management
- Sarpy – 132nd Street and Giles Road

Mr. Helgerson said in Iowa much of the federal aid work they're working on is earmark-related so they have a number of earmarks for the Easy Beltway segment which is the majority of the projects being worked on. Other projects include the Interstate Utility Relocation, W. Graham Avenue Reconstruction, the South Expressway Reconstruction and N. 16th Street.

He said there are no TAP projects scheduled in Nebraska for FY 2017 and projects continue to be fiscally constrained.

G. MTIS Autonomous Vehicles Scenarios

Mr. Youell introduced Mr. Carbee from HDR to update the MTIS study about the autonomous vehicle and future trends scenario. Mr. Carbee said they're looking at years 2040 and 2050 which influences how much technology will enter into the scenarios on how we travel. Vehicle automation will affect passenger cars as well as freight and transit vehicles although passenger cars will probably lag behind the freight and transit vehicles. It's predicted there will be more car sharing. Some possible trajectories include where the automation will occur – everywhere to some streets, etc. It's expected by 2035 that full automation technology will occur everywhere although it's likely not everyone will have a vehicle. In predicting 25 to 30 years from now, one third to one half will have autonomous passenger vehicles to some degree. In passenger vehicles, it's predicted that in 2040, 30 to 35% of the population will own fully autonomous vehicles and in 2050, 80 to 85% will own fully autonomous vehicles. With the safety benefits of the autonomous vehicles, there's increased system reliability.

H. Member Agencies Update

- Curt Simon – The release has been made for the Request for Qualifications for the final design for branding of the BRT.
- Bill Herr – Projects have improved with travel much smoother in Sarpy County
- Tim Weander – Hwy 75 project from Plattsmouth to Bellevue used the zipper system for merging which is working well; Hwy 50 and Giles Road's new turn lane; Hwy 31 is closed at

- Schramm Park; spring 2017 Interstate system project at I-480 and I-80 interchange; and summer 2017 W Dodge Expressway bridges to be inspected
- Dan Kutilek – 180th Street project moving forward; 19 bridges are in various stages of construction/design in rural areas
 - Todd Pfitzer – KeepOmahaMoving.com - branding public works projects to improve public outreach with the website currently specific to the 168th Street project; FY 2018 - 156th Street; Douglas County bridge; 42nd and Q Streets/roundabout; Complete Streets policy; and updating of RMD/SID policy
 - Bob Stubbe – Telecommunication companies wanting to use right of ways
 - Eric Williams – Southern Sarpy Watershed Plan – water management policies are now effective for all new developments in Sarpy County
 - Mark Stursma – Schramm Road is open west of 84th Street; pedestrian bridge near downtown is being replaced; and 84th Street project continues with a right of way problem
 - Scott Suhr – Council Bluffs Interstate system project continues; Iowa DOT director Paul Trombino III resigned and interim director is Mark Lowe
 - Justin Luther – Alt. Fuel Corridor signage program is progressing with new alternative fuel facilities signage approved for certain locations on I-80
 - Noel Salac – Planning Division will be combined with Rail & Public Transit Division at NDOR. Ryan Huff will be the division head and will be called Intermodal Planning Division
 - Greg Youell – Heartland 2050 Infrastructure Committee meeting December 7, 2016; wall calendars available for pickup; nominated DOT Secretary is Elaine Chao

I. Additional Business

Upcoming Meetings:

- MAPA Board of Directors – December 8, 2016
- Coordinated Transit Committee (CTC) – 5310 Application Workshop – December 16, 2016
- MAPA Council of Officials Meeting – January 11, 2017
- Transportation Technical Advisory Committee – January 26, 2017

J. Adjournment

Motion #6: Motion to adjourn:

Motion by: Scott Suhr
Second by: Greg Reeder
Motion Carried

The meeting was adjourned at 11:25 a.m.