

DATE: January 13, 2017

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Dennis Wilson, Chairman
Greg Youell, MAPA Executive Director

RE: January 20, 2017 TTAC Meeting

The MAPA TTAC will meet Friday, January 20, 2017 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 December 2, 2016 TTAC meeting minutes. (Action Item) (Attachment)

Recommendations to Board

- B. FY 2017-2020 Transportation Improvement Program (TIP) - Amendment 3: 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. 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)
- D. 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

- E. Funding Obligation and Project Status: Staff will review obligations of regional funding, the status of projects, and the existing programming of projects (Information Item)
- F. Heartland 2050 Infrastructure Committee Working Groups: Kyle Anderson, H2050 Infrastructure Committee Chair, will present about opportunities to participate in Working Groups related to transportation topics. (Information Item)
- G. Member Agencies Update: Agencies will present updates regarding ongoing and future projects/programs across the region. (Information Item) (Time Permitting)
- H. Additional Business
Upcoming Meetings: *Coordinated Transit Committee (CTC) – January 18th, 2017*
MAPA Board of Directors – January 26th, 2017
FHWA Incorporating Bikeways into Resurfacing Programs Workshop – February 16th, 2017
Transportation Technical Advisory Committee – February 17th, 2017
- I. Adjournment

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

Agenda Item A

Meeting Minutes

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
Dean Dunn
Chris Shewchuk
Matt Cox
Greg Reeder
Dan Giittinger
Rocky Henkel
Stephen Osberg
Todd Pfitzer
Bob Stubbe
Murthy Koti
Mark Stursma
Dan Kutilek
Scott Suhr
Noel Salac
Brad Zumwalt
Tim Weander
Eric Williams
Bruce Fountain
Curt Simon

Sarpy County Public Works
City of Bellevue Public Works
City of Bellevue Planning Department
City of Council Bluffs Public Works
City of Council Bluffs Public Works
City of Gretna
City of La Vista Public Works
City of Omaha Planning Department
City of Omaha Public Works
City of Omaha Public Works
City of Omaha Public Works
City of Papillion Planning Department
Douglas County Engineers Office
Iowa Department of Transportation
Nebraska Department of Roads – Lincoln
Nebraska Department of Roads – Lincoln
Nebraska Department of Roads – District 2
Papio-Missouri River NRD
Sarpy County Planning Department
Metro Transit

NON-VOTING MEMBERS

Justin Luther
Greg Youell

FHWA – Nebraska Division
Metropolitan Area Planning Agency

GUESTS

Jeff Calentine
Bryan Guy
Bill Herr
Larry Legg
Kyle Kovar
Jeff LaMontagne
Jeff Sockel
Adam Denney
Jason Carbee
Arobindu Das
John Jorgensen
Evan Schweitz
Nick Weander

City of La Vista Public Works
City of Omaha Public Works
Sarpy County Public Works
Nebraska Department of Roads – Lincoln
3M Traffic
AECOM
Alfred Benesch & Company
Felsburg Holt & Ullevig
HDR, Inc.
Iteris, Inc.
HGM Associates
Metro Transit
Olsson Associates

STAFF

Court Barber
Josh Corrigan
Mike Helgerson
Megan Walker

Metropolitan Area Planning Agency
Metropolitan Area Planning Agency
Metropolitan Area Planning Agency
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.

Agenda Item B
Amendments to the FY17
-FY22 Transportation
Improvement Program



Metropolitan Area Planning Agency

FY2017-2022 Transportation Improvement Program

Revision Summary - Amendment 3

<u>Control #</u> NE-22629	<u>Project Name</u> 132nd at West Center Road Safety Project	<u>Lead Agency</u> Omaha	<u>Revision Note</u> Reprogram FY2018 UTIL-CON-CE phase to FY2019 and Increase HSIP funding in FY2019 to \$3,960,000 UTIL-CON-CE
<u>Control #</u> NE-22621	<u>Project Name</u> US-75 Fiber-Optic	<u>Lead Agency</u> NDOR	<u>Revision Note</u> Increase State-Nebraska funding in FY2017 to \$75,000 for PE-NEPA-FD, and program \$956,000 of STP-State funding in FY2017 for UTIL-CON-CE
<u>Control #</u> NE-22622	<u>Project Name</u> US-6 Fiber-Optic	<u>Lead Agency</u> NDOR	<u>Revision Note</u> Increase State-Nebraska funding in FY2017 to \$61,000 for PE-NEPA-FD, decrease State-Nebraska funding in FY2017 to \$184,000 for UTIL-CON-CE, program \$734,000 of NHPP funding in FY2017 for UTIL-CON-CE
<u>Control #</u> NE-22650	<u>Project Name</u> District 2 I-80 Fiber-Optic	<u>Lead Agency</u> NDOR	<u>Revision Note</u> Reprogram FY2016 PE-NEPA-FD to FY2017, increase State-Nebraska funding in FY2017 to \$106,000 for PE-NEPA-FD, reprogram FY2017 UTIL- CON-CE phase to FY2019, decrease State-Nebraska funding in FY2019 to \$233,000 for UTIL-CON-CE, program \$2,097,000 of NHPP funding in FY2019 for UTIL-CON-CE
<u>Control #</u> NE-22651	<u>Project Name</u> District 2 I-680 Fiber-Optic	<u>Lead Agency</u> NDOR	<u>Revision Note</u> Increase State-Nebraska funding in FY2016 to \$72,000 for PE-NEPA-FD, decrease State-Nebraska funding in FY2017 to \$119,000 for UTIL-CON-CE, program \$1,071,000 of NHPP funding in FY2017 for UTIL-CON-CE
<u>Control #</u> NE-22652	<u>Project Name</u> District 2 I-480 Fiber-Optic	<u>Lead Agency</u> NDOR	<u>Revision Note</u> Increase State-Nebraska funding in FY2016 to \$52,000 for PE-NEPA-FD and program \$384,000 of NHPP funding in FY2017 for UTIL-CON-CE
<u>Control #</u>	<u>Project Name</u> FY2017 MAPA TIP Document	<u>Lead Agency</u> MAPA	<u>Revision Note</u> Update Metro FY2017 Program of Projects to include new 5339 award, move \$2,880,000 of 5307 Funds from Preventative Maintenance to Rolling Stock, move \$654,354 of 5339 Funds from Rolling Stock to BRT, and add projects from FY2016 Program of Projects to FY2017 Program of Projects
<u>Control #</u> NE-22718	<u>Project Name</u> 2017 Omaha Resurfacing Program	<u>Lead Agency</u> Omaha	<u>Revision Note</u> Decrease AC Conversion funding to \$4,876,800 in FY2022 and program \$8,000 of STBG-MAPA funding in FY2017 for PE-NEPA-FD



Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID		Project Name	
2015-132		132nd at West Center Road Safety Project	
Control Number			
NE-22629			
Lead Agency	Omaha	Project Type	Intersection
County	Douglas	Length (mi)	
		Total Project Cost*	\$4,935.50
Location			
132nd Street from Kingswood to Arbor Plaza and West Center Road from 133rd Plaza to 130th Ave			
Description			
Widening of roadway to provide for dual left and singular right turn lanes on all four legs, removal and reconstruction of existing medians			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2015	PE-NEPA-FD	HSIP	\$312.50	\$281.00	\$0.00	\$31.50
2016	ROW	HSIP	\$223.00	\$200.00	\$0.00	\$23.00
2019	UTIL-CON-CE	HSIP	\$4,400.00	\$3,960.00	\$0.00	\$440.00

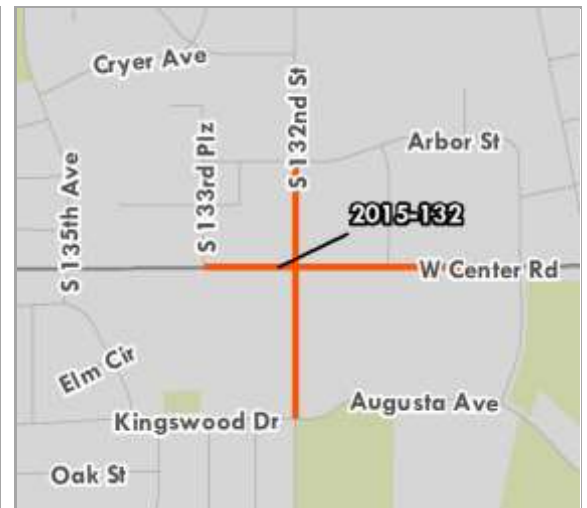
* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Reprogram FY2018 UTIL-CON-CE phase to FY2019 and Increase HSIP funding in FY2019 to \$3,960,000 UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID		Project Name	
2016-015		US-75 Fiber-Optic	
Control Number			
NE-22621			
Lead Agency	NDOR	Project Type	ITS/Signalization
County	Nebraska (TMA)	Length (mi)	9.50
		Total Project Cost*	\$1,270.00
Location			
Along US-75 from Fort Crook Road to south Junction with I-480			
Description			
Connect ITS devices with fiber-optic cable and replace routers. Begin R.P. – 78.66			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2017	PE-NEPA-FD	State-Nebraska	\$75.00	\$0.00	\$75.00	\$0.00
2017	UTIL-CON-CE	STP-State	\$1,195.00	\$956.00	\$239.00	\$0.00

* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Increase State-Nebraska funding in FY2017 to \$75,000 for PE-NEPA-FD, and program \$956,000 of STP-State funding in FY2017 for UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID 2016-016		Project Name US-6 Fiber-Optic	
Control Number NE-22622			
Lead Agency	NDOR	Project Type	ITS/Signalization
County	Douglas	Length (mi)	
		Total Project Cost*	\$979.00
Location Along US-6 from N-31 to Westroads Mall Road in Omaha			
Description Connect ITS devices with fiber-optic cable and replace routers. Begin R.P. – 356.93			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2017	PE-NEPA-FD	State-Nebraska	\$61.00	\$0.00	\$61.00	\$0.00
2017	UTIL-CON-CE	NHPP-Nebraska	\$918.00	\$734.00	\$184.00	\$0.00

* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Increase State-Nebraska funding in FY2017 to \$61,000 for PE-NEPA-FD, decrease State-Nebraska funding in FY2017 to \$184,000 for UTIL-CON-CE, program \$734,000 of NHPP funding in FY2017 for UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID 2016-028		Project Name District 2 I-80 Fiber-Optic	
Control Number NE-22650			
Lead Agency	NDOR	Project Type	ITS/Signalization
County	Nebraska (TMA)	Length (mi)	Total Project Cost* \$2,436.00
Location Along I-80 from near Mahoney interchange east to the Iowa State line. Begin R.P. – 426.90			
Description Connect ITS devices to fiber-optic cable			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2017	PE-NEPA-FD	State-Nebraska	\$106.00	\$0.00	\$106.00	\$0.00
2019	UTIL-CON-CE	NHPP	\$2,330.00	\$2,097.00	\$233.00	\$0.00

* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Reprogram FY2016 PE-NEPA-FD to FY2017, increase State-Nebraska funding in FY2017 to \$106,000 for PE-NEPA-FD, reprogram FY2017 UTIL-CON-CE phase to FY2019, decrease State-Nebraska funding in FY2019 to \$233,000 for UTIL-CON-CE, program \$2,097,000 of NHPP funding in FY2019 for UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID 2016-029		Project Name District 2 I-680 Fiber-Optic	
Control Number NE-22651			
Lead Agency	NDOR	Project Type	ITS/Signalization
County	Douglas	Length (mi)	
		Total Project Cost*	\$1,262.00
Location Along I-680 in Omaha			
Description Connect ITS devices to fiber-optic cable			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2016	PE-NEPA-FD	State-Nebraska	\$72.00	\$0.00	\$72.00	\$0.00
2017	UTIL-CON-CE	NHPP	\$1,190.00	\$1,071.00	\$119.00	\$0.00

* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Increase State-Nebraska funding in FY2016 to \$72,000 for PE-NEPA-FD, decrease State-Nebraska funding in FY2017 to \$119,000 for UTIL-CON-CE, program \$1,071,000 of NHPP funding in FY2017 for UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID	Project Name		
2016-030	District 2 I-480 Fiber-Optic		
Control Number			
NE-22652			
Lead Agency	NDOR	Project Type	ITS/Signalization
County	Douglas	Length (mi)	Total Project Cost* \$479.00
Location			
Along I-480 in Omaha			
Description			
Connect ITS devices to fiber-optic cable			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2016	PE-NEPA-FD	State-Nebraska	\$52.00	\$0.00	\$52.00	\$0.00
2017	UTIL-CON-CE	NHPP	\$427.00	\$384.00	\$43.00	\$0.00

* Amounts in thousands of U.S. dollars

Revision History

1/9/2017

Amendment 3

Increase State-Nebraska funding in FY2016 to \$52,000 for PE-NEPA-FD and program
\$384,000 of NHPP funding in FY2017 for UTIL-CON-CE





Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID	Project Name			
2017-000	FY2017 MAPA TIP Document			
Control Number				
Lead Agency	MAPA	Project Type		
County		Length (mi)	0.00	Total Project Cost* #Error
Location				
Description	FY2017 TIP Document			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
-------------	---------------	----------------	--------------	----------------	--------------	--------------

* Amounts in thousands of U.S. dollars

Revision History

10/27/2016

Amendment 1

Increase STBG beginning balance to \$54,500,000 in Table 3.3

12/8/2016

Amendment 2

Add FY2015 and FY2016 5310 Program of Projects to the MAPA TIP document

1/9/2017

Amendment 3

Update Metro FY2017 Program of Projects to include new 5339 award, move \$2,880,000 of 5307 Funds from Preventative Maintenance to Rolling Stock, move \$654,354 of 5339 Funds from Rolling Stock to BRT, and add projects from FY2016 Program of Projects to FY2017 Program of Projects



METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2017 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$7,492.15	\$2,500.00	\$16,578.85	\$26,571.00
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00
Bus Rapid Transit	Omaha UZA/NE	BRT Bike/Ped Upgrades	METRO	Sec. 5307	\$735.00	\$0.00	\$183.75	\$918.75
Bus Rapid Transit	Omaha UZA/NE	BRT Rolling Stock	METRO	Sec. 5307	\$1707.00	\$0.00	\$426.75	\$2133.75
Bus Rapid Transit	Omaha UZA/NE	BRT Project	METRO	Sec. 5307	\$1000.00	\$0.00	\$200.00	\$1200.00
Bus Rapid Transit	Omaha UZA/NE	BRT Project	METRO	Sec. 5307	\$1361.00	\$0.00	\$340.25	\$1701.25
Capital Expenditures	Omaha UZA/NE	Support Equipment/Facilities, Planning, Capitalized Operations	METRO	Sec. 5307	\$2,339.68	\$0.00	\$584.92	\$2,924.60
Capital Expenditures (CNG)	Omaha UZA/NE	Revenue Rolling Stock (CNG)	METRO	Sec. 5339	\$2320.00	\$0.00	\$580.00	\$2900.00
Training (CNG)	Omaha UZA/NE	Training (CNG)	METRO	Sec. 5339	\$24.24	\$0.00	\$6.06	\$30.30
Capital Expenditures (CNG)	Omaha UZA/NE	Tools (CNG)	METRO	Sec. 5339	\$80.00	\$0.00	\$20.00	\$100.00
Bus Rapid Transit	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$793.00	\$0.00	\$139.94	\$932.94
Automatic Vehicle Location	Omaha UZA/NE	Automatic vehicle locators for fixed & ADA paratransit	METRO	Sec. 5310	\$75.00	\$0.00	\$18.75	\$93.75
METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2018 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$7,673.58	\$2,500.00	\$17,159.11	\$27,332.69
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00
Capital Expenditures	Omaha UZA	Revenue Rolling Stock	METRO	Sec. 5307	\$191.25	\$0.00	\$33.75	\$225.00
Capital Expenditures	Omaha UZA/NE	Support Equipment, Facilities, Planning & Capitalized Operations	METRO	Sec. 5307	\$2,282.35	\$0.00	\$570.59	\$2,852.94
Capital Expenditures	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$794.75	\$0.00	\$140.25	\$935.00
METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2019 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$7,968.88	\$2,500.00	\$17,759.77	\$28,228.65
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00

Capital Expenditures	Omaha UZA	Revenue Rolling Stock	METRO	Sec. 5307	\$131.75	\$0.00	\$23.25	\$155.00
Capital Expenditures	Omaha UZA/NE	Support Equipment, Facilities, Planning & Capitalized Operations	METRO	Sec. 5307	\$2,356.65	\$0.00	\$589.16	\$2,945.81
Capital Expenditures	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$796.88	\$0.00	\$140.63	\$937.50
METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2020 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$8,157.59	\$2,500.00	\$18,381.26	\$29,038.85
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00
Capital Expenditures	Omaha UZA/NE	Support Equipment, Facilities, Planning & Capitalized Operations	METRO	Sec. 5307	\$2,386.14	\$0.00	\$596.53	\$2,982.67
Capital Expenditures	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$830.88	\$0.00	\$146.63	\$977.50
METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2021 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$8,201.23	\$2,500.00	\$19,024.61	\$29,725.84
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00
Capital Expenditures	Omaha UZA	Revenue Rolling Stock	METRO	Sec. 5307	\$131.75	\$0.00	\$23.25	\$155.00
Capital Expenditures	Omaha UZA/NE	Support Equipment, Facilities, Planning & Capitalized Operations	METRO	Sec. 5307	\$2,456.72	\$0.00	\$614.18	\$3,070.91
Capital Expenditures	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$902.94	\$0.00	\$159.34	\$1,062.29
METRO TRANSPORTATION IMPROVEMENT PROGRAM								
Calendar Year 2022 Element								
Project	Location	Improvement Type	Jurisdiction	Federal Funding Source	Federal	State	Local	Total
Maintenance of Existing Services	Omaha UZA/NE		METRO	Sec. 5307	\$8,447.07	\$0.00	\$1,960.47	\$10,407.54
Maintenance of Existing Services	Omaha UZA/IA		METRO	Sec. 5307	\$273.00	\$175.00	\$704.00	\$1,152.00
Capital Expenditures	Omaha UZA	Revenue Rolling Stock	METRO	Sec. 5307	\$67.15	\$0.00	\$11.82	\$78.97
Capital Expenditures	Omaha UZA/NE	Support Equipment, Facilities, Planning & Capitalized Operations	METRO	Sec. 5307	\$2,544.39	\$0.00	\$636.10	\$3,180.49
Capital Expenditures	Omaha UZA/NE	Revenue Rolling Stock	METRO	Sec. 5339	\$913.75	\$0.00	\$161.25	\$1,075.00



Metropolitan Area Planning Agency FY2017-2022 Transportation Improvement Program

TIP ID 2017-032		Project Name 2017 Omaha Resurfacing Program	
Control Number NE-22718			
Lead Agency	Omaha	Project Type	Resurfacing
County	Douglas	Length (mi)	0.00
		Total Project Cost*	\$6,106.00
Location Within the City of Omaha			
Description Resurfacing of federal-aid eligible corridors within the City of Omaha			

Fiscal Year	Project Phase	Funding Source	Total Funds*	Federal Funds*	State Funds*	Local Funds*
2017	PE-NEPA-FD	Omaha	\$10.00	\$8.00	\$0.00	\$2.00
2017	UTIL-CON-CE	Omaha	\$1,219.20	\$0.00	\$0.00	\$1,219.20
2017	UTIL-CON-CE (AC)	Omaha	\$4,876.80	\$0.00	\$0.00	\$4,876.80
2022	AC Conversion	STBG-MAPA	\$0.00	\$4,876.80	\$0.00	(\$4,876.80)

* Amounts in thousands of U.S. dollars

Revision History

12/8/2016

Amendment 2

Program \$6,096,000 of Advance Construction funds for UTIL-CON-CE in FY2017 and program \$6,096,000 of STBG-MAPA funding for AC Conversion in FY2022

1/9/2017

Amendment 3

Decrease AC Conversion funding to \$4,876,800 in FY2022 and program \$8,000 of STBG-MAPA funding in FY2017 for PE-NEPA-FD



Agenda Item C
Public Participation
Plan Amendment

Public Participation Plan Amendment:

Explanation

MAPA has developed a new public participation category for minor modifications to the Long Range Transportation Plan (LRTP) that does not change the intent of the plan. This new public process is based on the TIP modification already has MAPA in place.

The new process will allow staff to more efficiently and effectively make minor administrative modifications to the LRTP. The amendment process is designed to be used for minor textural or graphics changes to the plan.

This additional process is meant to cut down on unnecessary and potentially redundant public meetings which would have to be done every several weeks so that fiscal constraint is maintained in both the Transportation Improvement Program (TIP) and LRTP.

Administrative Modification Public Involvement Process

Long Range Transportation Plan (LRTP)

Comment Period: 24 Hours
public comment period prior to adoption

October-November 2016 Planning Process – Anticipated Approval November 2016

Administrative Modification

Web page: <http://mapacog.org/long-range-transportation-planning>

Update Schedule: When Needed

Description:	The Long Range Transportation Plan develops a long-term fiscally constrained vision for transportation improvements based upon a minimum 20 year planning horizon.
Amended:	As needed
Public Comment Period:	Administrative Modification = 24 Hours Prior to the Board of Directors Meeting
Public Meeting:	The TTAC and Board of Directors meetings serve as the public meetings. A public comment period is observed at the Board of Directors meeting.
Public Involvement Strategies:	<p>Solicit public comments through the MAPA website and social media outlets.</p> <p>Create opportunities to comment at regularly scheduled MAPA Board of Directors and Technical Committee meetings.</p> <p>Post an electronic version of the Draft LRTP online and have a hard copy at the MAPA Office for public review.</p>
Public Participation Opportunities:	Comment on the draft and final planning documents via email, mail, and comment cards.
Citizens' Advisory Council (CAC) Role:	<p>Advise MAPA on public participation outreach and offer participation recommendations for the LRTP's public participation plan.</p> <p>Advise MAPA about effectiveness of efforts.</p> <p>Help engage the public in the planning process.</p>
LRTP Administrative Modification Process:	
LRTP Administrative Modification	<p>Include the modification with meeting materials emailed to TTAC members, posted on the MAPA website, and located in the MAPA lobby at least 24 hours prior to the meeting.</p> <p>Email modifications to the Transportation Technical Advisory Committee (TTAC) and MAPA Board of Directors.</p> <p>Address public comments to the maximum extent reasonable and include an appendix of public comments in the final approved LRTP.</p>
	<p>Potential Administrative Modifications</p> <ul style="list-style-type: none"> • Changes to specific project funding levels that are below \$2 million or 20% of the project costs and do not affect the project route or termini. • Updates to the text of the document to more accurately reflect project descriptions, that do not involve project termini or route • Minor changes to the document to comply with administrative changes to federal policy • Minor changes to the document to comply with administrative changes to state policy

Long Range Transportation Plan (LRTP) Amendment

Comment Period: 14 - 30 calendar days
public comment period prior to adoption

Amendment and Update

Web page: <http://mapacog.org/long-range-transportation-planning>

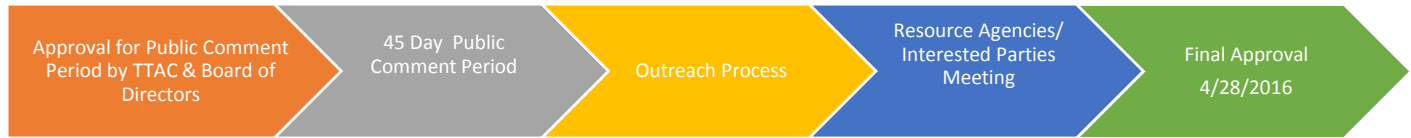
Update Schedule: Every 5 Years

February – June 2015 Planning Process – Anticipated Approval June 2015

Description:	The Long Range Transportation Plan develops a long-term fiscally constrained vision for transportation improvements based upon a minimum 20 year planning horizon.
Amended:	As needed
Public Comment Period:	Draft LRTP = 30 days Amended LRTP = Threshold I 15 days, Threshold II 30 days
Public Meeting:	Threshold I The TTAC and Board of Directors meetings serve as the public meetings. A public comment period is observed at the Board of Directors meeting. Threshold II A series of at least three public meetings (open houses, public hearing, etc) held during the 30-day public comment period. Additional public meetings shall have a public comment period of two weeks prior and two weeks following the meeting. The TTAC and Board of Directors meetings serve as the public meetings. A public comment period is observed at the Board of Directors meeting.
Public Involvement Strategies:	Solicit public comments through the MAPA website and social media outlets. Create opportunities to comment at regularly scheduled MAPA Board of Directors and Technical Committee meetings. Encourage participation through the MAPA newsletter. Post an electronic version of the Draft LRTP online and have a hard copy at the MAPA Office for public review.
Public Participation Opportunities:	Comment on the draft and final planning documents via email, mail, and comment cards. Participate in public meetings.
Citizens' Advisory Council (CAC) Role:	Advise MAPA on public participation outreach and offer participation recommendations for the LRTP's public participation plan. Advise MAPA about effectiveness of efforts. Help engage the public in the planning process.
LRTP Amendment Process:	Threshold I Include the modification with meeting materials emailed to TTAC members, posted on the MAPA website, and located in the MAPA lobby at least 7 days prior to the meeting. Discuss modification with Transportation Technical Advisory Committee (TTAC) and MAPA Board of Directors.

	<p>Address public comments to the maximum extent reasonable and include an appendix of public comments in the final approved LRTP.</p> <p>Threshold II</p> <p>Discuss the amendment with appropriate subcommittees, before TTAC makes a recommendation to the Board to release the LRTP amendment for public review and comment.</p> <p>Advertise the amendment in a local paper through a paid public notice, send a press release to area newspapers, television and radio stations, and post the information on the MAPA website.</p> <p>Hold at least one public meeting for the amendment.</p> <p>Email notification of the public comment period to identified outreach contacts.</p> <p>Address public comments to the maximum extent reasonable and include an appendix of public comments in the final approved LRTP.</p>
LRTP Amendments	<p>Potential LRTP Amendments</p> <p>Threshold I</p> <ul style="list-style-type: none"> • Changes to specific project funding levels that are between 21% and 100% of the total project costs or over \$2 million that does not affect the project route or termini. • Changes to project route or termini that are greater than ¼ of a mile • Amendments to reflect changes to federal policy • Amendments to reflect changes to state policy <p>Threshold II</p> <ul style="list-style-type: none"> • Changes to specific project funding levels that are over 100% of the total project costs • Changes to project route or termini that are greater than ¼ of a mile • Amendments to reflect new federal policy • Amendments to reflect new state policy • Adding a regionally significant project to the LRTP • Adding or changing a federal funding source

Public Participation Administrative Modification, Minor, and Major Amendment Approval Process



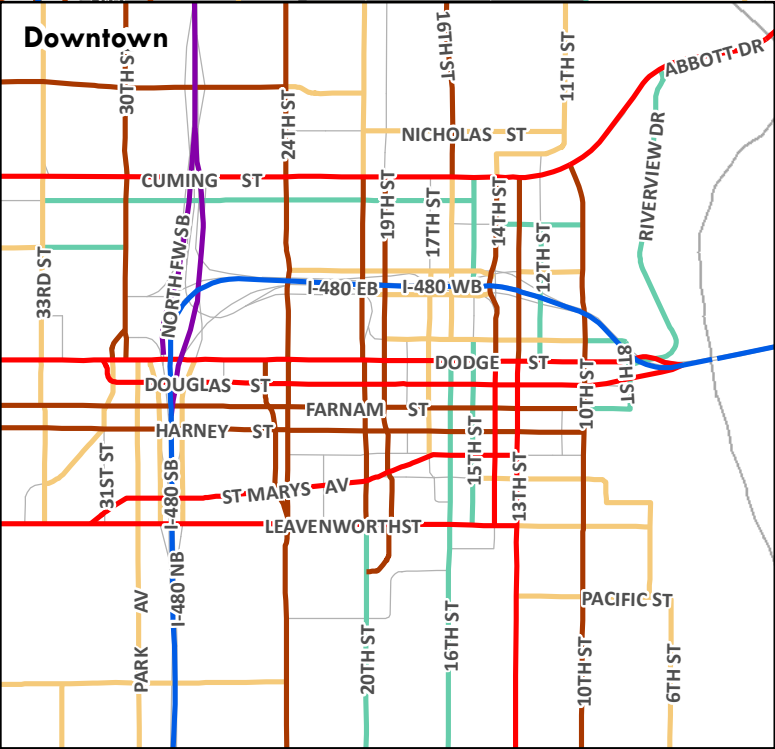
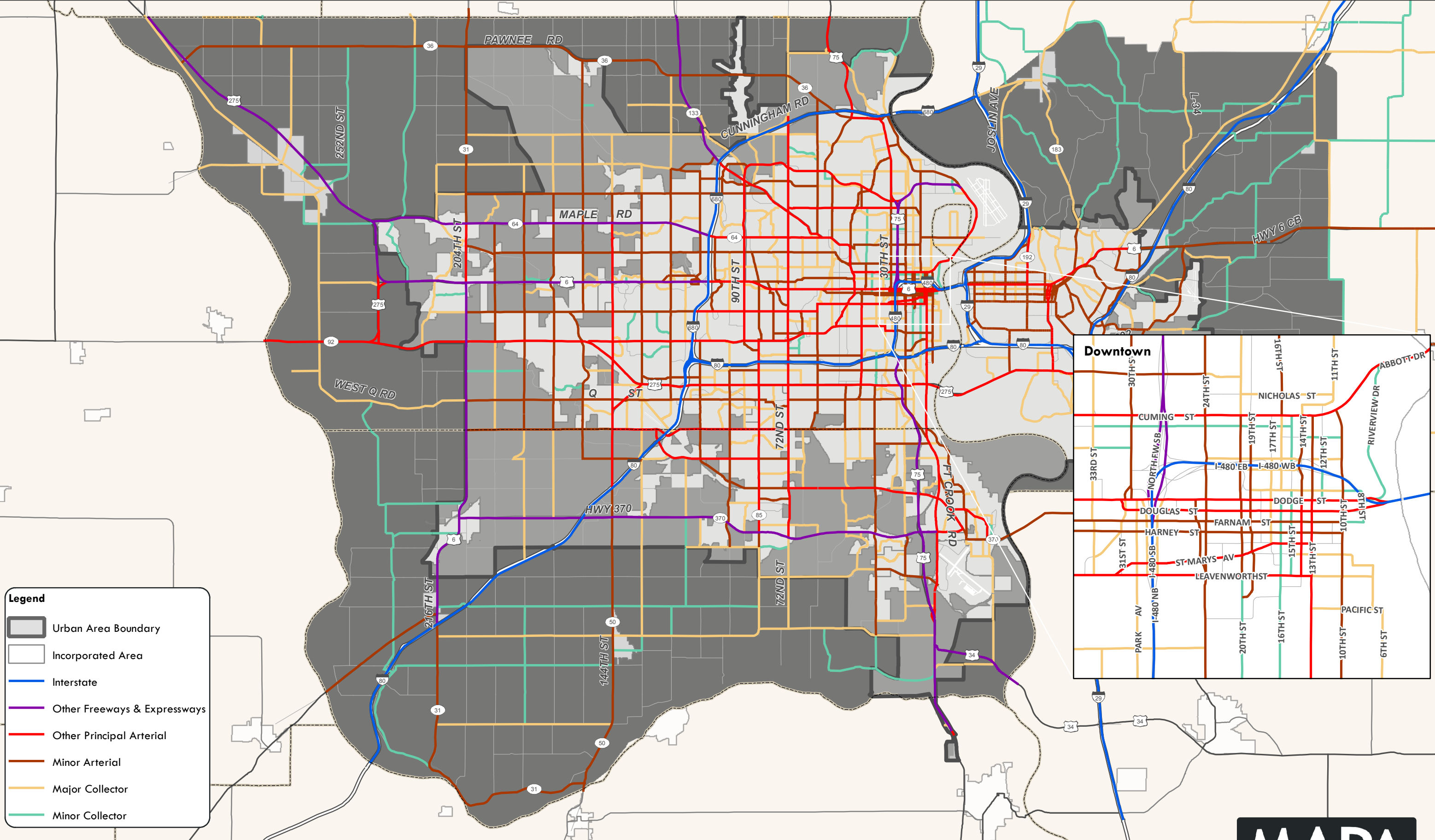
TTAC recommendation and Board approval to release the draft amended PPP for public review and comment. Post the draft on the MAPA website.

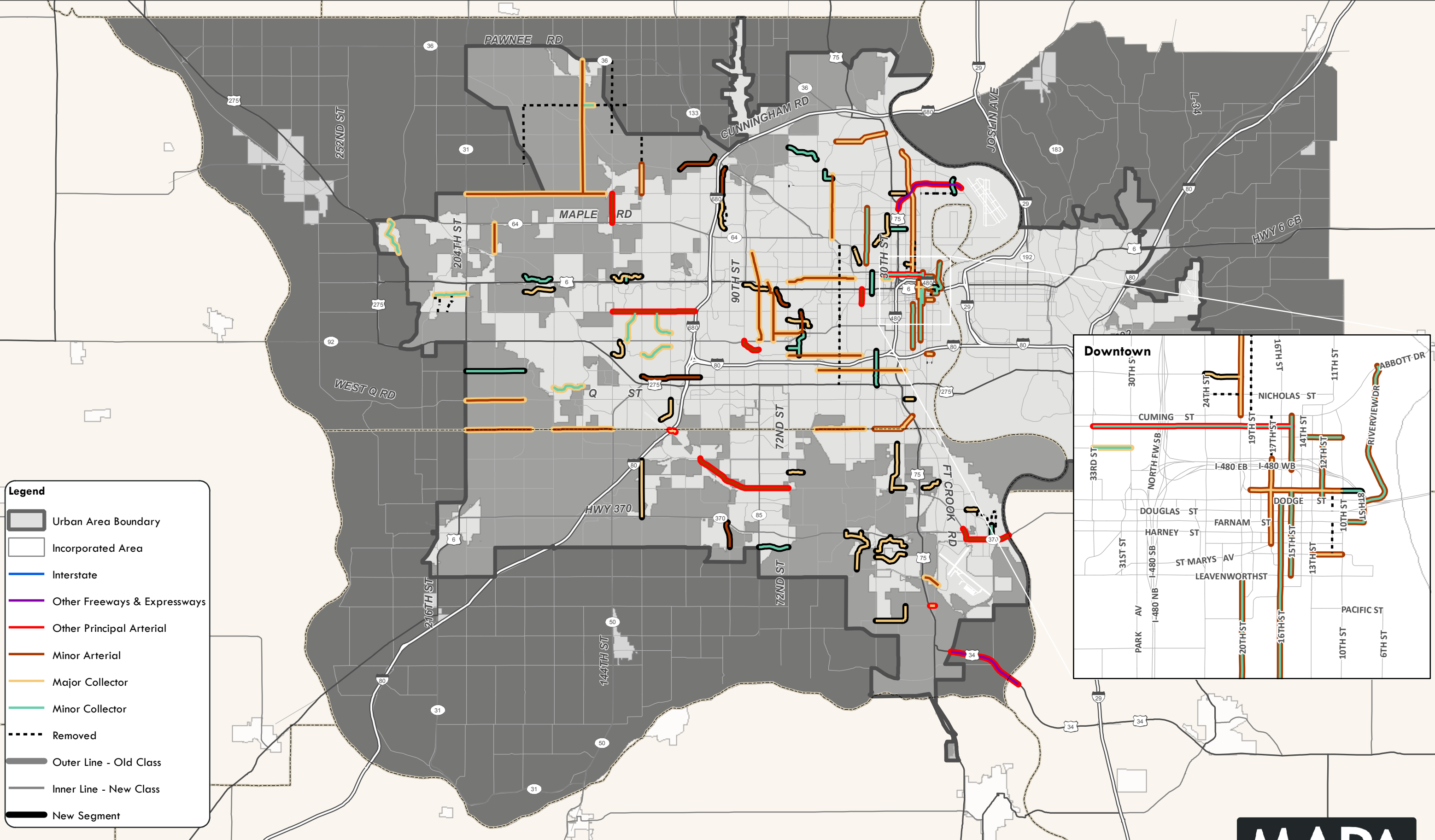
Advertise the amendment in a local paper through a paid public notice, send a press release to area newspapers, television and radio stations, and post the information on the MAPA website.

Email notification of the public comment period to identified outreach contacts.

Address public comments to the maximum extent reasonable and include an appendix of public comments in the final approved PPP.

Agenda Item D
Functional Classification
Map Update





Name	New Class	Old Class	Limits
11th St	Local	Minor Arterial	Capitol to Douglas
11th St	Local	Minor Arterial	Farnam to Jackson
120th St	Major Collector	Local	Harry Anderson Av to Q St
126th/Bel Dr	Minor Collector	Major Collector	Pacific St to 120th St
12th St	Minor Collector	Minor Arterial	Webster St to Dodge St
132nd St	Major Collector	Local	Giles Rd to Hwy 370
132nd St	Major Collector	Minor Arterial	Fort St to Ida St
132nd St	Local	Major Collector	Military to State
138th St/Holling Dr	Minor Collector	Major Collector	Pacific St to Center St
140th St	Minor Collector	Local	FNB Pkwy to Dodge
144th St	Minor Arterial	Other Principal Arterial	Fort St to Maple Rd
144th St	Local	Major Collector	State to Hwy 36
156th St	Minor Arterial	Major Collector	Fort St to Pawnee Rd
15th St	Minor Collector	Minor Arterial	Cuming St to Chicago St
15th St	Minor Collector	Minor Arterial	Capitol Av to Leavenworth St
16th St	Minor Collector	Minor Arterial	Dodge St to Vinton St
17th St	Major Collector	Minor Arterial	Cass St to Howard St
17th St	Local	Minor Arterial	Cuming to Cass
180th St	Local	Major Collector	Rainwood to Ida
192nd St	Minor Arterial	Major Collector	Blond to Maple
20th St	Minor Collector	Minor Arterial	Leavenworth St to Vinton St
211th St	Local	Major Collector	Pacific to Rawhide Rd
216th St	Local	Major Collector	Pacific to Harney St
36th St	Minor Collector	Local	Vinton St to L St
38th St	Minor Collector	Local	Cuming St to Harney St
40th St	Minor Collector	Minor Arterial	Ames Av to Hamilton St
42nd St	Minor Arterial	Other Principal Arterial	Dodge St to Leavenworth St
42nd St	Major Collector	Local	Hwy 370 to Maass Rd
50th St	Local	Major Collector	NW Radial to L St
52nd St	Minor Arterial	Major Collector	Curtis Av to NW Radial Hwy
56th St	Minor Collector	Local	Sorenson Pkwy to 52nd St

67th St	Minor Arterial	Local	Pacific St to Mercy Rd
67th St	Minor Collector	Local	Center St to Grover St
78th St	Minor Arterial	Major Collector	Cass St to Center St
84th St	Minor Arterial	Major Collector	Blondo St to Center St
8th St	Minor Collector	Local	Riverview Dr to Capitol Av
96th St	Minor Arterial	Local	Schram Rd to Hwy 370
99th St	Minor Arterial	Local	Blair High Rd to Fort St
Avery Rd	Major Collector	Local	West of Fort Crook Rd
Bert Murphy	Local	Minor Arterial	13th to 10th
Bristol St	Minor Collector	Local	30th St to 24th St
Burke St	Major Collector	Local	180th St to 168th St
Burt St	Minor Collector	Local	180th St to 168th St
Burt St	Minor Collector	Other Principal Arterial	33rd St to 15th St
California St	Minor Collector	Major Collector	33rd St to 30th St
Capehart Rd	Minor Arterial	Major Collector	Kennedy Frwy to Fort Crook Rd
Capitol Av	Major Collector	Minor Arterial	19th St to 10th St
Capitol Ave	Minor Collector	Local	10th St to 8th St
Cedar Island Rd	Major Collector	Local	Chandler Rd to Cornhusker Rd
Centennial Rd	Major Collector	Local	East of 72nd St
Country Club Rd	Minor Collector	Local	72nd St to 60th St
Deer Park Blvd	Major Collector	Minor Arterial	13th St to 10th St
Dodge St	Major Collector	Local	84th St to W Dodge Rd
Duane Ave	Major Collector	Local	Golden Blvd to 25th St
F St	Minor Arterial	Major Collector	60th St to 24th St
F St	Minor Collector	Local	204th St to 180th St
Fairview Rd	Major Collector	Other Principal Arterial	Kennedy Frwy to Fort Crook Rd
Florence Blvd	Major Collector	Minor Arterial	Cuming St to Pershing Dr
Florence Blvd	Local	Minor Arterial	Ohio to Cuming
FNB Pkwy/California St	Major Collector	Local	144th St to 132nd St
Fort St	Minor Arterial	Major Collector	156th St to 144th St
Fort St	Minor Arterial	Major Collector	156th to 204th
Fort St	Major Collector	Local	30th St to 24th St

Fort St	Local	Major Collector	16th to Lindbergh
Frederick St	Minor Arterial	Other Principal Arterial	Center St to 84th St
Golden Blvd	Major Collector	Local	36th St to Hwy 370
Grover St	Minor Arterial	Major Collector	72nd St to 42nd St
Hamilton St	Major Collector	Local	24th St to Florence Blvd
Harrison St	Minor Arterial	Major Collector	204th St to 180th St
Harrison St	Minor Arterial	Major Collector	168th St to 144th St
Harrison St	Minor Arterial	Major Collector	60th St to 42nd St
Harrison St/Gilmore Av	Major Collector	Minor Arterial	36th St to Kennedy Frwy
Harry Anderson Av	Major Collector	Other Principal Arterial	I-80 to Harrison St
Hartman Ave	Local	Major Collector	72nd to Crown Point
I St	Minor Arterial	Local	132nd St to 108th St
Ida St	Minor Arterial	Local	West of Blair High Rd to Military Rd
Indian Hills Dr	Major Collector	Local	84th St to 90th St
Jackson St	Major Collector	Minor Arterial	13th St to 10th St
Jewell Rd	Major Collector	Local	Harvell Dr to Bellevue Blvd
John A Creighton Blvd	Major Collector	Local	Sprague St to Lake St
Lindbergh Dr	Minor Collector	Local	Pershing Dr to Fort St
Lockbourne Dr/Kennedy	Major Collector	Local	36th to 25th
Maass Rd	Major Collector	Local	South of Hwy 370
Main St	Minor Collector	Local	Mission St to 16th Ave
Meisinger Rd	Major Collector	Local	Cedar Island Rd to 25th St
Mercy Rd	Minor Arterial	Major Collector	78th St to Center St
Military Av	Major Collector	Local	Hamilton St to 45th St
Mission St	Minor Arterial	Other Principal Arterial	Harlan Dr to Missouri River
Nicholas St	Local	Major Collector	24th to 20th
Oak View Dr	Major Collector	Local	144th St to Center St
Pacific St	Minor Arterial	Other Principal Arterial	I-680 to 144th St
Parkview Dr	Local	Major Collector	Maplewood Blvd to Camden Ave
Pine St	Major Collector	Local	72nd St to 63rd St
Portal Rd	Minor Arterial	Other Principal Arterial	Giles Rd to 72nd St
Q St	Minor Arterial	Major Collector	204th St to 180th St

Q St	Major Collector	Local	24th St to 20th St
Quail Dr	Major Collector	Local	Capehart Rd to Maass Rd
Rainwood Rd	Minor Collector	Major Collector	East of 156th St
Rainwood Rd	Local	Major Collector	156th to 180th
Rainwood Rd	Local	Major Collector	152nd to 138th
Rawhide Rd/Bonanza Blvd	Minor Collector	Major Collector	Skyline Dr to 204th St
River Road	Minor Collector	Major Collector	Maple Rd to Blondo St
Riverview Dr	Minor Collector	Minor Arterial	Abbot Dr to Farnam St
Rolling Ridge Rd	Minor Collector	Major Collector	168th St to 156th St
Rose Blumkin Dr	Minor Arterial	Local	Dodge St to 72nd St
Schneekloth Rd	Major Collector	Local	36th to Fairview
Schram Rd	Minor Collector	Local	84th St to 72nd St
Spring St	Minor Collector	Local	72nd St to 67th St
Storz Expressway	Other Freeways & Expressways	Other Principal Arterial	US 75 to Abbott Dr
Terrace Dr	Major Collector	Local	Maplewood Blvd to Parkview Dr
Underwood Av	Minor Arterial	Major Collector	72nd St to Saddle Creek Rd
US 34	Other Freeways & Expressways	Other Principal Arterial	Platteview Rd to Missouri River
Webster St	Minor Collector	Minor Arterial	14th St to 10th St
Westwood Ln	Minor Collector	Major Collector	132nd St to 120th St
Young St/State St	Major Collector	Minor Arterial	Mormon Bridge Rd to 30th St