

**Omaha-Council Bluffs**

**Metropolitan Area Planning Agency**

**FY 2018 Unified Planning Work Program**

**Final May 2017**

**MAPA**

The logo for the Metropolitan Area Planning Agency (MAPA) features the letters 'MAPA' in a bold, black, sans-serif font. A stylized, grey, curved graphic element is positioned behind the letter 'A', extending from the bottom right of the 'A' and curving upwards and to the left.

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# MAPA FY 2018 Unified Planning Work Program

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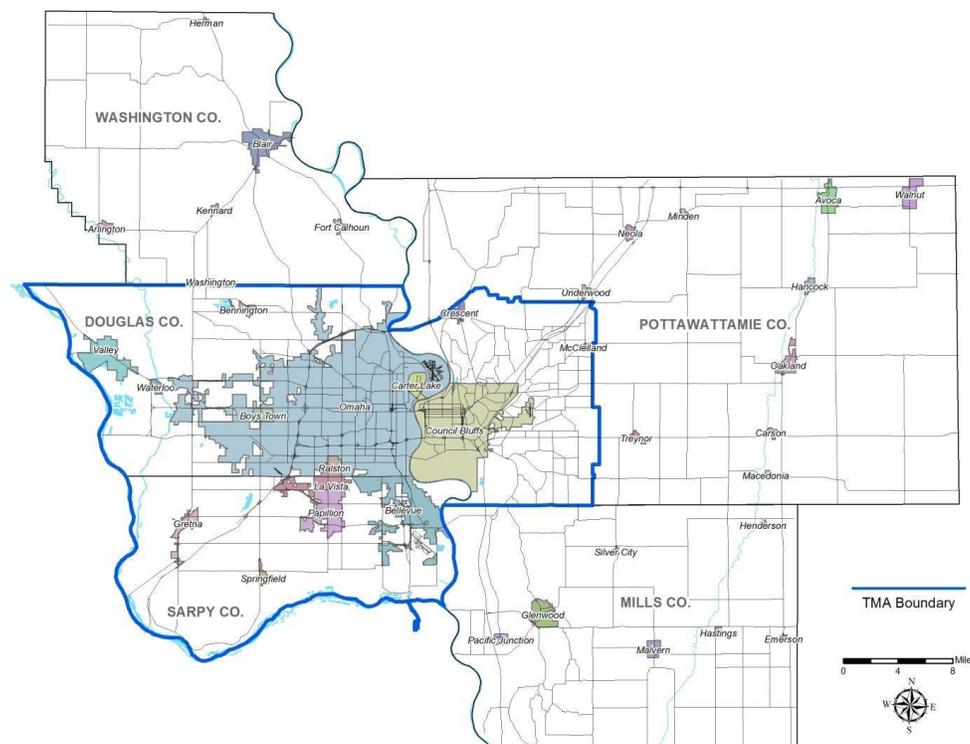
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MAPA is an EOE/DBE employer.

## Introduction

The Unified Planning Work Program (UPWP) documents the Metropolitan Area Planning Agency's (MAPA's) transportation related activities and projects for fiscal year (FY) 2018 which encompasses July 1, 2017 through June 30, 2018. MAPA serves as a voluntary association of local governments in the greater Omaha region chartered in 1967. MAPA performs planning and development work, especially to address problems that are regional in scope and cross jurisdictional boundaries.

MAPA is the Council of Governments (COG) for Douglas, Sarpy, and Washington Counties in Nebraska and Pottawattamie and Mills Counties in Iowa. MAPA serves as the federally required Metropolitan Planning Organization (MPO) and Transportation Management Area (TMA) for a smaller region that encompasses Douglas and Sarpy Counties and a small portion along US Highway 75 in Cass County in Nebraska, as well as the southwestern portion of Pottawattamie County (i.e., the area generally south of Crescent and Underwood and west of L-52) in Iowa. In addition, MAPA provides staff support for the Iowa Department of Transportation (Iowa DOT) Regional Planning Affiliation (RPA) for Harrison, Mills, Pottawattamie, and Shelby Counties known as RPA-18. Planning activities for RPA-18 are contained in a separate RPA-18 Transportation Planning Work Program (TPWP). The map below outlines the MAPA COG region and highlights the TMA boundary.



The governing body for MAPA is a 64-member Council of Officials representing cities, counties, school districts, resource agencies, and numerous other governmental bodies within the region. The MAPA Board of Directors is a nine-member Board serving as the Council of Officials' executive committee and is comprised of elected officials representing cities and counties from the larger five-county MAPA region. The Transportation Technical Advisory Committee (TTAC) reviews and makes recommendations related to transportation to the MAPA Board. The relationship, responsibility, and composition of the Board of Directors, Council of Officials, and TTAC are also described in the MAPA Interlocal Agreement and Committee Bylaws. Membership is listed in Appendix II.

## Current Transportation Planning Overview

Several large planning initiatives have been recently completed or are underway in the MAPA region. **Heartland 2050** was adopted by the MAPA Council of Officials as the long-term vision for the greater Omaha-Council Bluffs metropolitan area in January 2015. The Regional Vision was developed over 2013 and 2014 and entered implementation phase in 2015. The project produced a Vision Scenario for future growth and development that is now being utilized for MAPA's transportation planning process. This collaborative project is an example of **Regional Models of Cooperation**, one of the U.S. Department of Transportation's **Planning Emphasis Areas (PEA)**.

During FY-2017 MAPA continued work on its next Long Range Transportation Plan update, **LRTP 2050**. The LRTP is being closely coordinated with the **Metro Area Travel Improvement Study (MTIS)**, a joint Nebraska Department of Roads (NDOR) / MAPA multi-year regional study of highway needs that will result in a list of prioritized projects for state investment and guide future regional transportation investments. This comprehensive study has developed a strong set of data for MTIS and other planning projects, and MAPA's travel demand model has been updated significantly as part of ongoing collaboration with US-DOT. MTIS will also serve to develop performance measures that will be compliant with the FAST-ACT, the five-year transportation bill that was signed into law in December 2015. MAPA will continue to coordinate with state DOTs, FHWA, and FTA to develop performance measures for the region in accordance with FAST-ACT. The **performance based approach** is a new component of the federal transportation planning process and is another federal PEA.

The LRTP 2050 will also incorporate other recent plans that were conducted in the metro area. These include the **Heartland Connections Regional Transit Vision (RTV)** and **Regional Bicycle / Pedestrian Plans**. The RTV proposed a staged approach to improve transit service in the region. These scenarios are being utilized for further analysis in the MTIS study. The Bicycle-Pedestrian Plan proposes short, medium, and long-range projects to enhance the regional network of trails, bicycle boulevards, and other bicycle / pedestrian facilities.

Metro Transit is continuing work on the Bus Rapid Transit (BRT) line that was awarded a US-DOT discretionary TIGER grant that will run along the Dodge Street corridor from downtown Omaha to Westroads Mall at approximately 102<sup>nd</sup> Street. This premium transit service would serve as the spine of the transit network in the region. The project will help some of the densest concentrations of employment and housing in Omaha and exemplify the Ladders of Opportunity PEA. Final Design was initiated in FY2017 and will be construction will commence in 2018.

In FY-2018 MAPA will continue to emphasize freight planning as part of the Regional Transportation Planning Process. Nebraska Department of Roads will complete its State Freight Plan and MAPA is working closely with NDOR on this process. MAPA's ongoing improvements to the travel demand model will allow additional technical analysis of freight transportation in the metro area. In addition, MAPA will continue to work with the private sector, the Greater Omaha Chamber of Commerce, and other stakeholders to ensure that freight and goods movement are fully involved in the planning and project development process.

Some of the **City of Omaha** major transportation projects include bridge needs, a massive signal infrastructure upgrade, and several capacity improvements in the western part of Omaha, including multiple projects near West Dodge Road (US-6) along 168<sup>th</sup> Street, 180<sup>th</sup> Street, 192<sup>nd</sup> Street. Omaha is also planning a modern streetcar project to run between North Downtown and the University of Nebraska Medical Center. **Douglas County** is continuing work on a large project on 180<sup>th</sup> Street between West Dodge Road and West Maple Road.

During FY-2017 **Sarpy County** conducted the Southern Ridge Wastewater Study. This critical study assesses the opportunities for future wastewater service in southern Sarpy County, which will be critical to future development in this portion of the county. The Highway 75 project will be under construction that will connect Bellevue and Plattsmouth with a grade-separated freeway. In FY2017, MAPA coordinated with Sarpy County on a Transit Study to propose short-, medium-, and long-range opportunities for public transit. The recommendations of this study will be evaluated by Metro Transit in FY2018 as part of its Transit Development Plan to explore

enhancements to and expansions of its existing service over the next five to seven years. Planning work may also begin on a new I-80 Interchange in the area of 180<sup>th</sup>-192<sup>nd</sup> Street.

The **Council Bluffs Interstate (CBIS) Project**, a complete reconstruction of the interstate and railroad realignment, is scheduled to continue for at least the next decade. Council Bluffs recently completed a plan for the West Broadway corridor that includes redevelopment and land use, as well as reconstruction of West Broadway. A significant mixed use project is planned at Playland Park on the east end of the Bob Kerrey Pedestrian Bridge.

Work will continue on the development of a **Coordinated Call Center** and information sharing for the region. Metro Transit, the Veterans Administration (VA), and MAPA are working together to coordinate the development and implementation of the Coordinated Call Center including the purchase of hardware, software, and system engineering. The largest portion of the project will be completed by the second quarter of FY 2018.

MAPA is working on **Congestion Mitigation Air Quality (CMAQ)** projects including up to 20 electric vehicle charging stations and the implementation of 30 to 40 bike share stations in the City of Omaha. Both projects began in FY 2015 and will continue with many phases between FY 2017 or 2019.

MAPA will administer and update the region's FY 2018-2023 **Transportation Improvement Program (TIP)**. The TIP includes state and local federal-aid projects and regionally significant projects programmed in the region for the next six years. In addition to roadway projects, the TIP covers anticipated expenditures for some alternative transportation projects such as the Transportation Alternatives Program (TAP), transit, and aviation.

MAPA's Coordinated Transit Committee (CTC) works on issues related to public transit, paratransit, and human services transportation. A FTA **Veterans Transportation and Community Living Initiative (VTCLI)** grant to develop a Coordinated Call Center for human services made progress through the first two summits during FY 2015. The project will continue in FY 2017 with the goal of developing a coordinated network to connect trips within the region. It is anticipated that the project should be completed by the end of fiscal year 2018. This effort, in addition to the transit activities listed previously, addresses the Ladders of Opportunity PEA by improving gaps in the transportation system and mobility for residents. MAPA's robust public participation processes are other examples of steps toward the Ladders of Opportunity PEA.

## Work Program Framework

MAPA's Unified Planning Work Program (UPWP) is developed in accordance with the metropolitan planning provisions described in the 23 CFR - Part 450 and 49 CFR - Part 613. The UPWP is created in cooperation with state and federal agencies who are financial sponsors, and it is intended as a management tool for participating agencies.

During development of the UPWP, a priority setting process was used to identify programs and projects that should be included. Participants in this process included the Council of Officials, Board of Directors, and TTAC. Results of the priority setting process are reflected by the projects and associated funding levels shown in the UPWP.

In accord with the spirit of federal transportation legislation, MAPA conducts a continuing, coordinated, and comprehensive planning process for the region. This process is intended to meet the transportation needs of the region's residents to the extent possible with available resources.

The transportation planning process for the region takes into account all modes of transportation: roadway, highway, transit, air, rail, and water, as well as active modes of transportation such as walking and bicycling. The provision of transportation services must also be consistent and compatible with the overall goals and development of the region. Major considerations include the environment, energy conservation, growth patterns, land use, tourism, and recreation, as well as a wise and efficient use of economic resources.

MAPA's responsibilities include the LRTP, TIP, and UPWP. As a TMA with a population greater than 200,000, MAPA is charged with conducting a Congestion Management Process (CMP). Other planning products include the Coordinated Public Transit and Human Services Plan and Public Participation Plan (PPP). MAPA is compliant with civil rights legislation and maintains a Title VI Plan and Disadvantaged Business Enterprise (DBE) Program.

The UPWP will also contain activities to assist in implementing provisions contained in surface transportation legislation. The following planning factors identified in the current federal legislation, Fixing America's Surface Transportation (FAST) Act, will, at a minimum, be considered in the transportation planning process for the region:

1. Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency.
2. Increase the safety of the transportation system for motorized and nonmotorized users.
3. Increase the security of transportation for motorized and nonmotorized users.
4. Increase the accessibility and mobility options available to people and for freight.
5. Protect and enhance the environment, promote energy conservation, and improve quality of life.
6. Enhance the integration and connectivity of the transportation system across and between modes for people and freight.
7. Promote efficient system management and operation.
8. Emphasize the preservation of the existing transportation system.
9. Improve resiliency & reliability of the transportation system and reduce or mitigate storm water impacts.
10. Enhance travel and tourism

In addition, the transportation planning program is formulated to support the goals and objectives specific to the region as identified in the 2040 LRTP, namely:

1. Maximize access and mobility.
2. Increase safety and security.
3. Consider the environment and urban form.
4. Keep costs reasonable and sustainable.

The UPWP budget includes additional matching funds beyond the 20% requirement from sub-recipients used to match FHWA PL funds for MAPA activities. These locally-funded planning activities contribute to the regional transportation planning process and are eligible to count toward the required local match for PL funding. In order to provide this match, sub-recipients of PL funds contribute a 30% match. The 10% of additional match beyond the 20% requirement provides match toward PL funds for MAPA activities. The following sub-recipients are receiving awards as part of the FY2018 Work Program:

Awardee	Federal Source	Federal Share	Total Project Cost
City of Omaha – Planning	PL – Nebraska	\$55,0000	\$78,571
City of Omaha – Public Works	PL – Nebraska	\$63,000	\$90,000
Douglas County - GIS	PL – Nebraska	\$61,500	\$87,857
Sarpy County - Planning	PL – Nebraska	\$35,600	\$50,857
Sarpy County – GIS	PL – Nebraska	\$44,400	\$63,429
Papio-Missouri River NRD	PL – Nebraska	\$8,000	\$11,429
Pottawattamie County – GIS	PL – Iowa	\$30,000	\$42,857
Metro Transit	FTA 5305d	\$80,000	\$114,286

## Changes to the Approved Work Program

All changes to work programs require prior written federal approval, unless waived by the awarding agency. The following table denotes the approving agency for various changes to work programs.

NOTE: The below table will be updated when final guidance is provided by NDOR and Iowa DOT.

Revision Type	Approving Agency
Request for <b>additional federal funding</b> 2 CFR 200.308(b) and FTA Circular 5010.0C, I.6.e(1)]	FHWA / FTA
<b>Transfer of funds</b> between categories, projects, functions, or activities <b>which exceed 10 percent</b> of total work program budget \$150,000 2 CFR 200.308(e)	FHWA / FTA
<b>Revision of scope or objectives</b> of activities (i.e. adding or deleting activities or major change in scope of activity) 2 CFR 200.308 (c) (1)	FHWA / FTA
Transferring substantive programmatic work to <b>third party</b> (i.e. consultant) 2 CFR 200.308 (c) (6)	FHWA / FTA
Capital expenditures including <b>equipment purchasing</b> in excess of \$5,000 2CFR 200.439(a) (2) [OMB Circular A-87]	FHWA / FTA
Transfer of funds allotted for <b>training</b> allowances 2 CFR 200.308 (c) (5)	FHWA / FTA
<b>Transfer of funds</b> between categories, projects, functions, or activities <b>which do not exceed 10 percent</b> of total work program budget or when federal award share of total work program budget exceeds \$150,000 2 CFR 200.308 (e)	State
Revisions related to work that <b>does not involve federal funding</b>	MAPA

## Revisions and Approvals Procedures

Revisions where **FHWA / FTA** is the designated approving agency shall require written approval by FHWA / FTA prior to commencement of activity, purchasing of equipment, or request for reimbursement. Requests from MAPA will be submitted in writing to the appropriate state personnel and then forwarded to FHWA / FTA for approval. Notification by the approving agency will be in writing in reverse order.

Revisions where the **State (NDOR or Iowa DOT Office of Systems Planning)** is the designated approving agency shall require written approval by the State prior to commencement of activity, purchasing of equipment, or request for reimbursement. Requests from MAPA will be submitted in writing to the appropriate State personnel and then forwarded to FHWA / FTA for approval. Notification by the approving agency will be in writing in reverse order.

Revisions where **MAPA** is the approving agency shall be approved by the Board of Directors. Updates to the work program shall be provided to the appropriate state and federal representatives via electronic or, upon request, hard copy.

## Performance management agreement between MAPA and Iowa DOT

On May 27, 2016, the final rule for statewide and metropolitan transportation planning was published, based on 2012's Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) Act and 2015's Fixing America's Transportation System (FAST) Act. As part of this final rule, 23 CFR 450.314 (h) was amended to state:

*The MPO(s), State(s), and the providers of public transportation shall jointly agree upon and develop specific written provisions for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO (see §450.306(d)), and the collection of data for the State asset management plans for the NHS for each of the following circumstances: When one MPO serves an UZA, when more than one MPO serves an UZA, and when an MPA includes an UZA that has been designated as a TMA as well as a UZA that is not a TMA. These provisions shall be documented either as part of the metropolitan planning agreements required under paragraphs (a), (e), and (g) of this section, or documented in some other means outside of the metropolitan planning agreements as determined cooperatively by the MPO(s), State(s), and providers of public transportation.*

The phase-in deadline for this requirement is May 27, 2018. As of April 2017, rulemakings related to several FHWA and FTA performance management requirements have not yet been finalized, meaning that processes for performance management coordination and implementation are still being developed. Recognizing that the agreement and process outlined below may change based on future rulemakings and guidance, the following three-pronged approach was cooperatively developed to address 23 CFR 450.314 (h).

- Agreement between the Iowa DOT and MPOs on applicable provisions through documentation included in each MPO's TPWP.
- Agreement between the Iowa DOT and relevant public transit agencies on applicable provisions through documentation included in each public transit agency's consolidated funding application.
- Agreement between each MPO and relevant public transit agencies on applicable provisions through documentation included in the appropriate cooperative agreement(s) between the MPO and relevant public transit agencies.

Inclusion of the following language in an MPO's TPWP, and that TPWP's subsequent approval by Iowa DOT, constitutes agreement on these items.

The Iowa DOT and MAPA agree to the following provisions. The communication outlined in these provisions between the MPO and Iowa DOT will generally be through the statewide planning coordinator in the Office of Systems Planning.

**1) Transportation performance data**

- a. The Iowa DOT will provide MPOs with the statewide performance data used in developing statewide targets, and will also provide MPOs with subsets of the statewide data, based on their planning area boundaries.
- b. If MPOs choose to develop their own target for any measure, they will provide the Iowa DOT with any supplemental data they utilize in the target-setting process.

**2) Selection of performance targets**

- a. The Iowa DOT will develop draft statewide performance targets in coordination with MPOs. Coordination may include in-person meetings, web meetings, conference calls, and/or email communication. MPOs shall be given an opportunity to provide comments on statewide targets before final statewide targets are adopted.
- b. If an MPO chooses to adopt their own target for any measure, they will develop draft MPO performance targets in coordination with the Iowa DOT. Coordination methods will be at the discretion of the MPO, but the Iowa DOT shall be provided an opportunity to provide comments on draft MPO performance targets prior to final approval.

**3) Reporting of performance targets**

- a. Iowa DOT performance targets will be reported to FHWA and FTA, as applicable. MPOs will be notified when Iowa DOT has reported final statewide targets.
- b. MPO performance targets will be reported to the Iowa DOT.
  - i. For each target, the MPO will provide the following information no later than 180 days after the date the Iowa DOT or relevant provider of public transportation establishes performance targets, or the date specified by federal code.
    - 1. A determination of whether the MPO is 1) agreeing to plan and program projects so that they contribute toward the accomplishment of the Iowa DOT or relevant provider of public transportation performance target, or 2) setting a quantifiable target for that performance measure for the MPO's planning area.
    - 2. If a quantifiable target is set for the MPO planning area, the MPO will provide any supplemental data used in determining any such target.
    - 3. Documentation of the MPO's target or support of the statewide or relevant public transportation provider target will be provided in the form of a resolution or meeting minutes.
- c. The Iowa DOT will include information outlined in 23 CFR 450.216 (f) in any statewide transportation plan amended or adopted after May 27, 2018, and information outlined in 23 CFR 450.218 (q) in any statewide transportation improvement program amended or adopted after May 27, 2018.
- d. MPOs will include information outlined in 23 CFR 450.324 (g) (3-4) in any metropolitan transportation plan amended or adopted after May 27, 2018, and information outlined in 23 CFR 450.326 (d) in any transportation improvement program amended or adopted after May 27, 2018.
- e. Reporting of targets and performance by the Iowa DOT and MPOs shall conform to 23 CFR 490, 49 CFR 625, and 49 CFR 673.

**4) Reporting of performance to be used in tracking progress toward attainment of critical outcomes for the region of the MPO**

- a. The Iowa DOT will provide MPOs with the statewide performance data used in developing statewide targets, and will also provide MPOs with subsets of the statewide data, based on their planning area boundaries. Updates of this data will include prior performance data.

**5) The collection of data for the State asset management plans for the NHS**

- a. The Iowa DOT will be responsible for collecting bridge and pavement condition data for the State asset management plan for the NHS.

# FY-2018 WORK PROGRAM ACTIVITIES

The following pages detail the work activities that MAPA and contract sub-recipients will undertake in FY 2018.

## Work Program & Federal Assurances (200)

### Objective

To efficiently develop and implement MAPA’s Unified Planning Work Program (UPWP) in accordance with MPO responsibilities and federal requirements

### Previous Work

- Maintained and updated UPWP
- Developed & Executed PL Agreements with NDOR & IDOT
- Continued implementation of Certification Review Action plan
- Executed and administered contracts with sub-recipients
- Quarterly reporting & Invoicing to NDOR & IDOT
- Developed Annual DBE Goal

### Work Activities

1. Planning Agreements

Maintain and review the Memorandum of Agreement (MOA) outlining state, MPO, and transit responsibilities. Develop and execute the annual PL Agreements with Nebraska and Iowa. Estimated Hours: 100

2. Unified Planning Work Program (UPWP)

Develop FY 2019 UPWP and maintain the FY2018 UPWP. A draft UPWP is approved in March by the Council of Officials, Board of Directors, and TTAC, with submittal in April for state and federal review. Final approval by MAPA occurs in May, with submittal in June to state and federal agencies. Estimated Hours: 550

3. Certification Review Action Plan

Implement the federal Certification Review Action Plan for MAPA’s programs. Review progress and revise activities on an ongoing basis. Prepare for Certification Review scheduled in 2018. Estimated hours: 110

4. Civil Rights & Disadvantaged Business Enterprise (DBE)

The Title VI Plan update will be completed in FY 2018. Existing Title VI Plan will be modified and updated as needed. Communicate civil rights activities to FHWA/FTA. Review DBE Program and develop annual goals. Participate in regional equity forums to ensure transportation is incorporated into broader planning and equity initiatives. Estimated Hours: 100

<b>200 End Products</b>		<b>Schedule</b>
1.	Planning Agreements	Ongoing
2.	Unified Planning Work Program (UPWP)	Ongoing
3.	Certification Review Action Plan	Ongoing
4.	Civil Rights & Disadvantaged Business Enterprise (DBE)	Quarterly

<u>200 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$36,692	\$42,750	860

## Board & Committee Support (210)

### Objective

To support ongoing activities of MAPA's Council of Officials, Board of Directors, Finance Committee, and Transportation Technical Advisory Committee (TTAC)

### Previous work

- Organized monthly Board of Directors meetings
- Participated in monthly Finance Committee meetings
- Conducted four Council of Officials meetings, including annual meeting / dinner
- Prepared and conducted monthly TTAC meetings

### Work Activities

#### 1. Council of Officials

The Council of Officials meets quarterly and serves as MAPA's overall policy body. The Council is charged with adopting major plans, recommending MAPA's annual budget and work programs to the Board of Directors, and providing oversight for MAPA's activities. MAPA staff members support the Council's activities through clerical and technical preparation, meeting costs, and conducting meetings. Estimated hours: 710

#### 2. Board of Directors

The Board of Directors meets monthly and serves as MAPA's governing body. The Board approves the TIP amendments, LRTP, annual budget, and work programs. The Board is comprised of elected officials who appoint and oversee the TTAC and other MAPA committees. MAPA staff members support the Board through clerical and technical preparation, conducting meetings, and informing members about MAPA activities. Estimated hours: 1,080

#### 3. Finance Committee

The Finance Committee meets each month during the week prior to the Board of Directors' meeting. The Finance Committee reviews MAPA's financial statements, approves payments, and reviews / recommends contracts, large payments and other items for the Board's consideration. MAPA staff members support the Finance Committee through preparation of financial documents, invoices, contracts, and other such items. Estimated hours: 1,080

#### 4. Transportation Technical Advisory Committee (TTAC)

Provide for a continuing, comprehensive, and coordinated transportation planning program through the TTAC. Maintain correspondence and coordination with participating agencies. Provide other technical support necessary to the transportation planning program. The TTAC meets on a monthly basis to approve action items and discuss issues within the region to forward recommendations to the Board of Directors. Estimated hours: 710

<b>210 End Products</b>		<b>Schedule</b>
1.	Council of Officials	Quarterly
2.	Board of Directors	Monthly
3.	Finance Committee	Monthly
4.	Transportation Technical Advisory Committee	Monthly

<u>210 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$153,740	\$179,125	3,580

## Regional Transportation Planning (220)

### Objective

To conduct the transportation planning activities related to the development and implementation of the Long Range Transportation Plan

### Previous Work

- Continued development of 2050 LRTP through two Technical Memorandums
- Completed Phase 2 of the Metro Travel Improvement Study for the region
- Participated in development of Complete Streets Design Manual for City of Omaha
- Initiated update to the Coordinated Transit Plan
- Participated in stakeholder committees for Central Omaha Bus Rapid Transit and modern streetcar projects
- Continued implementation the Metro Bike Safety Education project
- Completed Sarpy County Transit Study
- Served on Freight Advisory Committee for NDOR's State Freight Plan
- Conducted outreach to freight and private sector representatives
- Assisted with local planning studies, including providing forecasts and data

### MAPA Work Activities

#### 1. LRTP Development and Administration

Develop 2050 LRTP to be adopted by June 2018. Implement, review, and amend the LRTP as necessary. Support regional goals in accordance with the federal transportation planning provisions. As a key element of the LRTP development efforts performance measures will be developed and assessed as part of the scenario planning for the 2050 LRTP. Utilize consultants for various portions of the LRTP including marketing and public involvement activities such as the development of brochures, websites, info-graphics, surveys, and citizen engagement events. Purchase interactive tools for engaging the public. Estimated Hours: 2,182

#### 2. Transit Planning Activities

Provide data, technical analysis, and coordination in support of short-range and long-range mass transit planning. This will include collaboration with Metro Transit, MAPA committees, local governments, nonprofit agencies, and other stakeholders in the transit planning process. Continue to implement and maintain the Heartland Connections Regional Transit Vision which includes the Comprehensive Operations Analysis (COA) and long-term vision for future transit-friendly corridors. Included in this is continued planning support for the Bus Rapid Transit corridor and the modern streetcar in downtown and midtown Omaha.

MAPA will convene a work group comprised of representatives from various transit-related activities in the region and other stakeholders to coordinate local transit projects with the Heartland 2050 Close the Gap vision for robust transit service in the region.

MAPA will also work with transportation service providers, human service agencies, and stakeholders to encourage, coordinate, and implement plans, actions, and programs to enhance the transportation opportunities of the elderly, disabled, and economically disadvantaged. Draft of updated Coordinated Transit Plan will be completed by February 1, 2018 with the final plan adopted by May 1, 2018. Implement the FTA Veterans Grant in collaboration with local and state agencies. Estimated Hours: 1,751

#### 3. Bicycle & Pedestrian Planning Activities

Participate in bicycle / pedestrian planning activities for the region, including the implementation of the Omaha Complete Streets policy and development of the Complete Streets Design Guide. Support

implementation of the Complete Streets policy included in the LRTP. Assist with implementation of Heartland Connections Regional Bicycle / Pedestrian Plan by local project partners. Serve as Administrator for the Metro Bicycle Safety Education project. Estimated Hours: 469

4. Freight Planning & Coordination

Convene representatives from freight and goods movement industries as well as local, state and federal officials to ensure that freight is included in the regional planning process. Analyze potential solutions to issues developed through the stakeholder outreach. Support private sector participation in the transportation planning process by working with local Chambers of Commerce, Economic Development Corporations, freight representatives, and private transportation industries to review transportation plans / programs. Utilize the Freight Analysis Framework (FAF) and other publicly available data. Purchase data to conduct planning studies, analyses, and modeling of freight and goods movement in the region. Estimated Hours: 345

5. Congestion Management Program (CMP)

Implement recommendations to enhance the CMP contained in the Certification Review report. Monitor causes of recurring / nonrecurring congestion and identify congestion relief opportunities. Utilize data collected from MTIS, NDOR, Iowa DOT, and other sources to assess existing congestion conditions in the region. Prepare and conduct sessions on congestion for the Transportation Summit, and potentially hold additional working group sessions. Estimated Hours: 148

6. Other Long-Range Studies

Provide technical assistance and related transportation system travel, financial, and socioeconomic data to the states and local jurisdictions as requested to assist in conducting long-range corridor, location, subarea, feasibility, and other project level studies. This element includes working on planning activities for a new I-80 Interchange in the 180<sup>th</sup>-192<sup>nd</sup> Street area of Sarpy County, as well as other projects requiring coordination with cities, counties, states, utilities, and other stakeholders.

MAPA and NDOR will continue work on MTIS, a comprehensive study of the National Highway System and other modes of transportation in the region. In FY 2018, MTIS is will begin Phase 3 which will assess implementation of the preferred projects scenario in terms of construction phasing along the freeway and interstate system within the region.

Estimated Hours: 875

<b>220 End Products for MAPA Work Activities</b>		<b>Schedule</b>
1.	LRTP Development and Administration (2050 LRTP)	Fall - Winter 2017-2018
2.	Transit Planning Activities	Ongoing
3.	Bicycle & Pedestrian Planning Activities	Ongoing
4.	Freight Planning & Coordination	Ongoing
5.	Other Long-Range Studies	Ongoing

<u>220 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$247,555	\$288,431	5,770

Contracts and Sub-recipients

Transportation Support & Communications (22001) \$80,000 (\$100,000 total)

MAPA will contract with a firm to provide support for regional transportation planning efforts. These deliverables may include items such as local transportation needs and funding analysis, brochures, website content, videos, and other strategic communications activities.

## **Transportation Improvement Program (TIP) & Local Projects (230)**

### **Objectives**

To monitor and maintain a fiscally constrained Transportation Improvement Program for regionally significant transportation projects.

To implement performance-based planning requirements of the FAST Act.

To ensure MAPA staff representation and coordination with local partner projects.

### **Previous Work**

- Processed TIP Amendments and Administrative Modifications
- Refined criteria used in selection of projects for FY 2018 TIP
- Completed FY 2018 TIP
- Administered Project Selection Subcommittee (ProSe-Com) for Surface Transportation Program (STBG)
- Administered the Transportation Alternatives Program Committee (TAP-C) for Transportation Alternatives Program (TAP) projects
- Administered the Coordinated Transit Committee for transit projects related to Section 5310 and JARC funding
- Provided transportation technical assistance to member cities and counties

### **MAPA Work Activities**

#### 1. Maintenance of FY2017 and FY2018 Transportation Improvement Programs (TIPs)

Administer the FY2017 TIP (through September 30<sup>th</sup>, 2017) and FY2018 TIP (beginning October 1<sup>st</sup>, 2017). Process Amendments and Administrative Modifications of the trip as necessary. Monitor and maintain fiscal constraint of the TIP and ensure consistency of the TIP with the LRTP. Estimated Hours: 1,182

#### 2. Project Selection Activities (STBG, TAP, & 5310)

The Project Selection Committee (ProSeCom) will be convened to review and recommend federal-aid projects eligible for STBG funds based on project selection criteria linking the TIP to the LRTP's goals. The Transportation Alternatives Program Committee (TAP-C) will be convened to review and recommend federal-aid projects eligible for TAP funds based on project selection criteria linking the TIP to regional bicycle / pedestrian goals. The Coordinated Transit Committee (CTC) will be convened to review and recommend federal-aid projects eligible for funding such as Section 5310 and JARC based on project selection criteria linking the TIP to the Coordinated Transit Plan and the Long Range Transportation Plan. Estimated Hours: 830

#### 3. Transportation Funding Analysis

Identify funds available to the region from federal and state transportation legislation. Identify and assess innovative financing techniques to fund projects and programs. Provide data and information to officials on the status of transportation funding in the MPO. Analyze the costs / benefits of short-range and long-range needs in conjunction with local / state partners in collaboration with the LRTP. Analyzed and implement TIP Administrative Fee. Estimated Hours: 386

#### 4. Development of FY2019 Transportation Improvement Program

develop the TIP to provide a program of federal-aid transportation projects. The TIP includes at least four fiscally-constrained years of programming and a prioritized project list with a financial plan for project implementation. A progress report on the implementation of projects programmed for the most recent fiscal year will be also be included. The updated TIP is approved each year in June and is ready for

implementation when the new federal fiscal year begins on October 1<sup>st</sup>. In addition, as performance measure final rulings per FAST Act are issued these will be included based on state and federal guidance. Estimated Hours: 386

5. Performance Measurement & Reporting

MAPA will coordinate with state and federal agencies to develop a set of performance measurements for the LRTP and TIP. Conduct studies and analyses of transportation data to develop and assess performance measures. Performance measures will be developed as part of the MTIS and LRTP plans. Data will be purchased (as necessary) to support the performance measurement analyses and implementation. Targets for Safety performance measures will be adopted before February 27, 2018. Estimated Hours: 241

6. Local Project Support & Coordination

MAPA staff members provide technical assistance for MAPA, local and state transportation projects as needed. MAPA may serve as the Responsible Charge (RC) for Nebraska projects using federal funds. Attend Nebraska Environmental Assessment (EA) meetings to track the progress of local projects through the NEPA process. Convene stakeholders and administer the Bellevue Bridge Alternatives Study. Assist jurisdictions with grant writing and administration for transportation activities on projects including the USDOT, Iowa DOT, and other grant opportunities. Attend planning-related meetings and activities supporting the regional transportation planning process. MAPA will assist the City of Omaha and other partners with the implementation of the B-cycle. Estimated Hours: 385

<b>230 End Products for MAPA Work Activities</b>		<b>Schedule</b>
1.	Maintenance of FY2017 & FY2018 TIPs	Ongoing
2.	Project Selection Activities	Winter 2018
3.	Transportation Funding Analysis	Ongoing
4.	Development of FY2019 TIP	Spring 2018
5.	Performance Measurement & Reporting	Ongoing
6.	Local Project Support & Coordination	Ongoing

<u>230 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$146,491	\$170,680	3410

**230 Contracts & Subrecipient Work Activities**

Bellevue Bridge Study (23006) \$120,000 (\$150,000 total)

This planning study will evaluate alternatives for the future of the Bellevue Bridge that connects Bellevue with Pottawattamie County, Iowa.

## Communication & Public Involvement (240)

### Objectives

To provide ongoing opportunities for stakeholders & the public to participate in the transportation planning process

To communicate important information and key decisions about the transportation planning process to the public

To conduct and support events, seminars and other activities that support the transportation planning process

### Previous Work

- Updated and adopted PPP amendments
- Prepared 2016 annual PPP report
- Conducted LRTP and Regional Transportation Vision community outreach meetings
- Conducted surveys for LRTP development
- Performed ADA assessments of venues for public involvement
- Conducted outreach and engagement activities with underrepresented population
- Held Citizens Advisory Committee (CAC) meetings
- Assisted with development and implementation of Citizen's Academy
- Published newsletters, annual reports, and regional directory

### MAPA Work Activities

#### 1. Public Participation Plan (PPP) & Public Engagement Activities

The PPP update will begin in FY 2018 and be completed in FY 2019. Until the update, the PPP will be modified as needed. This plan includes a proactive outreach program that provides complete information, timely public notice, full public access to key decisions, opportunities for visioning on the transportation system and land use patterns, and supports an early and continuing involvement of the public in developing the LRTP and TIP. An annual report documenting public participation activities conducted during the past year will be created. Conduct public involvement and engagement efforts related to the transportation planning process. Host public forums and panel discussions on topics related to and impacted by transportation planning. Conduct presentations and meetings with service clubs, neighborhoods, community leaders, elected officials, and others to foster strong relationships and engage the public in the planning process. Efforts will include outreach and engagement activities with low-income, minority, and other underrepresented segments of the population. Estimated Hours: 1,392

#### 2. Citizen's Advisory Committee (CAC) & Citizen's Academy

Convene the CAC as a focus group for the LRTP, TIP, and other planning efforts. The CAC may provide recommendations to the TTAC regarding transportation goals and priorities in the region. Provide technical support and presentations to the Citizen's Academy for Omaha's Future, a project led by Live Well Omaha, Mode Shift Omaha, Douglas County Health Department, and MAPA. Participants in the Citizen's Academy attend a series of workshops regarding planning, transportation, community health, and the development process to expand their understanding of the planning process Estimated Hours: 187

#### 3. Publications & Newsletters

Develop, produce, and disseminate the MAPA Annual Report. Prepare and disseminate the Community Assistance Report. Develop, produce, and disseminate at least six issues of the "What's Happening for Community Leaders" newsletter. Develop and maintain a website with a map-based listing of the elected and appointed public officials for the region. Develop and distribute information from local / regional data and research. The information will include MAPA reports and summaries related to demographics, employment, land use, housing, traffic, transit, and other programs. Estimated Hours: 1,205

4. Online Activities (Websites & Social Media)

Maintain the MAPA websites including MAPA, Heartland 2050, Little Steps - Big Impact, and Metro Rideshare. Update the MAPA website with projects, regional data, maps, and committee information. Update MAPA's social media to communicate pertinent information to the public. Integrate the MAPA public outreach efforts with various social media outlets. Estimated Hours: 937

5. Participation in Partner Forums

Participation in Federal, State and Local forums to support the transportation planning process. Examples include public events or hearings related to transportation projects, state commission meetings, and ongoing coordination meetings between state partners (NDOR and IDOT) and MPOs. Estimated Hours: 469

<b>240 End Products</b>		<b>Schedule</b>
1.	PPP & Public Engagement Activities	Ongoing
2.	CAC & Citizen's Academy	Semi-Annually
3.	Publications & Newsletters	Ongoing
4.	Online Activities (Websites & Social Media)	Ongoing
5.	Participation in Partner Forums	Ongoing

<b>240 Budget</b>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$179,703	\$209,375	4,190

## Regional Data, Mapping, & Modeling (250)

### Objectives

To conduct socioeconomic and demographic forecasts in support of the transportation planning process

To develop and maintain regional Geographic Information Systems (GIS)

To develop and maintain modeling tools to support decision-making at the state, regional, and local level

### Previous Work

- Developed GIS data in coordination with regional partners
- Implemented and distributed data for 2016 NIROC
- Began development of 2016 traffic & safety reports
- Refined socioeconomic data and scenarios for travel demand model
- Assisted with corrections to annual Census population estimates
- Developed regional permit database

### MAPA Work Activities

#### 1. GIS & Regional Transportation Data

Maintain and update an integrated geographic data base system and develop other computerized tools to assist in the analysis and manipulation of data. Create maps, graphs, and analyses as requested for jurisdictions and the general public. Coordinate GIS activities in the region to support the planning process. Work on a portal for traffic count data. Purchase new hardware and accompanying software to support GIS activities as needed. Collect, purchase, and monitor local travel data including detailed data regarding traffic counts (such as time of day, occupancy, and vehicle classification), speed, and delay as available from local jurisdictions and other secondary sources. Review pavement, traffic counts, and other roadway characteristics for NDOR's Highway Performance Monitoring System (HPMS) report. Estimated Hours: 2,073

#### 2. Technical Reports & Forecasts

Utilize the US Census data and other data to provide assistance to jurisdictions, businesses, individuals, and organizations with projects involving Census data. Purchase necessary data and conduct regional or local studies for growth monitoring and analysis. Collaborate with data partners toward the development of a regional data hub. Maintain a land use file based on the monitoring of land use changes through secondary sources. Keep an employment file detailing employers in the region, number of employees, industrial classifications, and locations. Maintain files on construction permits, apartment complexes, subdivisions/SIDs, and housing sales to further define housing locations and characteristics. Monitor other local population characteristics such as auto ownership, vital statistics, and school enrollment. Estimated Hours: 622

#### 3. Travel Demand Modeling Activities

Maintain and refine the regional travel demand model to provide forecasts for studies and planning activities. Update the model based on TMIP model peer review and subsequent guidance. Conduct regional / subregional travel demand model runs. Analyze output to provide data for local / state planning. Special modeling activities may be conducted for key corridors such as Highway 370 and 144<sup>th</sup> Street. Participate in training activities for travel demand modeling. Purchase data, software, and licenses for travel demand modeling. Utilize the External Travel Survey data regarding external traffic patterns and characteristics, as well as the 2009 National Household Travel Survey (NHTS) data for the region. Estimated Hours: 1,231

#### 4. Land Use Activity Allocation Model (LUAAM)

Revise forecasts for basic trip generating variables (such as population, households, income, automobile ownership, and employment) to be utilized in the Land Use Activity Allocation Model (LUAAM) and travel

demand modeling activities. Forecasts are coordinated with local / state partners including the state data centers. Purchase socioeconomic data for forecasting and modeling activities. Refine the LUAAM to provide population and employment forecasts for the region. The Envision Tomorrow model from Heartland 2050 may be utilized to conduct subregional workshops and plans. Provide training for stakeholders on the use of Envision Tomorrow Hours: 454

<b>250 End Products for MAPA Work Activities</b>		<b>Schedule</b>
1.	Regional Data & GIS	Ongoing
2.	Technical Reports & Forecasts	As Needed
3.	Travel Demand Modeling Activities	Ongoing
4.	Land Use Activity Allocation Model (LUAAM)	Ongoing

<b><u>250 Budget</u></b>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$187,924	\$218,954	4,380

**250 Contracts & Subrecipient Work Activities**

On-Call Modeling Assistance (25003) \$28,000 (\$35,000 total)

Consultants will provide travel demand model forecasts as requested by MAPA. The model will be updated and refined following recommendations from the FHWA Resource Center and TMAC input. Validate and provide documentation for modeling activities. Analyze land use data and forecasts along the Central Omaha Alternatives Analysis Phase II corridor, among other model-related activities.

## Environment & Energy (260)

### Objective

Improve air quality by taking proactive measures to reduce environmental impacts and improve energy conservation as related to transportation.

### Previous Work

- Conducted 2016 Little Steps - Big Impact ozone awareness and reduction campaign with travel demand management strategies and marketing alternatives fuel options
- Planned 2017 Little Steps - Big Impact ozone awareness and reduction campaign
- Coordinated with NDOR and Iowa DOT on development of a regional rideshare / carpool program with travel demand management strategies
- Assisted City of Omaha with implementation of CMAQ funded bikeshare expansion project
- Participated in Clean Cities, electric vehicle, ethanol, and other alternative fuel technology efforts
- Implemented Congestion Management Process (CMP) activities related to planning review comments

### MAPA Work Activities

1. Little Steps, Big Impact Ozone Awareness Campaign  
Evaluate and analyze monitored air pollution data for carbon monoxide, ozone, particulates, and lead to meet air quality requirements. Work with federal, state, and local agencies to monitor air quality. Coordinate with local agencies to develop educational materials, conduct training, and utilize hand-held air quality monitors to inform the public about the ground ozone issues in the region. Develop and implement the Little Steps - Big Impact ozone awareness and outreach program. Prepare and conduct sessions on air quality and multi-modal planning at meetings and workshops. Data may be purchased to support air quality planning and modeling activities. MAPA staff will support the Little Steps - Big Impact program. Estimated Hours: 907
2. Alternative Fuels Activities  
MAPA will participate in the Nebraska Community Energy Alliance (NCEA) and work with utilities to coordinate planning of environmental and energy-related efforts with the transportation planning process. Implement the electric vehicle (EV) charging stations project by working with local entities to identify locations for EV stations and potentially administer CMAQ grant to implement stations. Coordinate efforts to deploy infrastructure for increased usage of natural gas (CNG/LNG), electric vehicles, ethanol, and other alternative fuel efforts in Nebraska and Iowa. Activities may include grant preparation and oversight for CMAQ, Nebraska Environmental Trust, and other funding opportunities. Coordination with FHWA and states to implement Alternative Fuel Corridor designations. Estimated Hours: 295
3. Travel Demand Management & Other Activities  
Coordinate with NDOR, Iowa DOT, and the Lincoln MPO in implementing and marketing a regional rideshare program with employers and citizens. A new travel demand management / rideshare website will be evaluated and potentially developed. Assistance for the City of Omaha's Heartland Bike Share expansion project. Estimated Hours: 136
4. Congestion Management Process (CMP)  
Implement recommendations to enhance the CMP contained in the Certification Review report. Monitor causes of recurring / nonrecurring congestion and identify congestion relief opportunities. Utilize data collected from MTIS, NDOR, Iowa DOT, and other sources to assess existing congestion conditions in the region. Estimated Hours: 272



# Heartland 2050 (270)

## Objective

To coordinate the transportation planning process with the implementation of Heartland 2050 Regional Vision

## Previous Work

- Facilitated H2050 Infrastructure Committee and working groups
- Initiated first year of H2050 Mini-Grant Program with STBG funding
- Development of messaging related to Close the Gap and transit investment

## Work Activities

### 1. Heartland 2050 Mini-Grant Program

Set-aside of STBG funding from NDOR and Iowa DOT for implementation of projects related to the Heartland 2050 Regional Vision and Action Plan. Facilitation of project selection process and administration of H2050 Mini-Grant Review Committee. Estimated Hours: 228

### 2. Heartland 2050 Committees & Working Groups

MAPA staff support related to the Heartland 2050 Implementation Committees, task forces and other work groups relate to the project. Facilitation of meetings and development of materials to coordinate the transportation planning process with the implementation of the H2050 Vision. Development of regional framework of Nodes and Corridors to guide infrastructure development and land use policy throughout the region. Assist with planning for Close the Gap initiative. Estimated Hours: 571

### 3. Heartland 2050 Technical Analysis and Data Support

MAPA staff will conduct technical analysis and data support for the Heartland 2050 project. MAPA will coordinate and administer a Transit Return-on-Investment Assessment (ROI) for the Close the Gap Plan. Estimated Hours: 183

### 4. Heartland 2050 Public Outreach

MAPA staff will meet with local governments, community organizations and others to present the Heartland 2050 Regional Vision and gather public input. . Estimated Hours: 183

### 5. Heartland 2050 Summits and Speaker Series

MAPA staff will hold Heartland 2050 Summits to convene stakeholders and the public to hear speaker presentations, learn best practices from within and outside the region, discuss progress by committees and projects, and work on the initiative. These events are held quarterly with two summits and two speakers events anticipated annually. Estimated Hours: 343

### 6. Heartland 2050 Site Visits

Heartland 2050 will coordinate a site visit to a location where stakeholders will experience and meet with local representatives to learn more about walkable, livable communities that include robust transportation. . Estimated Hours: 228

7. Heartland 2050 Administration

MAPA staff will provide administrative support and administration for the Heartland 2050 project. . Estimated Hours: 114

<b>270 End Products</b>		<b>Schedule</b>
1.	Heartland 2050 Mini-Grant Program	Winter 2017
2.	Heartland 2050 Committee & Working Groups	Ongoing
3.	Heartland 2050 Technical Analysis and Data Support	Ongoing
4.	Heartland 2050 Public Outreach	Ongoing
5.	Heartland 2050 Summits and Speaker Series	Quarterly
6.	Heartland 2050 Site Visit	Fall 2018
7.	Heartland 2050 Administration	Ongoing

<u>270 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$79,391	\$92,500	1,850

**270 Contracts and Sub-recipients**

STBG Heartland 2050 Mini-Grant Program (27001)

The Heartland 2050 Mini-Grant program provides support for projects that incorporate the goals and principles of the Heartland 2050 Vision, such as walkable, livable communities, transportation options, well-planned and efficient infrastructure, and regional collaboration, into local projects. FY2018 projects include:

Metro Transit – Transit Development Plan	\$87,500 (NE) (\$109,375 total)
City of Omaha – 13 <sup>th</sup> Street Corridor Walkability Study	\$100,000 (NE) (\$125,000 total)
Sarpy County – Arterial & Collector Road Location Study	\$30,000 (NE) (\$ 37,500 total)
Council Bluffs – Council Bluffs Walkability Master Plan	\$80,000 (IA) (\$100,000 total)

Transit Return-on-Investment Assessment (27003) \$128,000 (\$160,000 total)

This study will be conducted by consultants to assess the expected economic return on regional transit investments as identified in regional plans and the Close the Gap White Paper to inform the regional conversation on transit expansion.

Close the Gap Advisor (27001) \$12,800 (\$16,000 total)

This consultant will assist with the implementation of the Close the Gap Plan, coordination with the Heartland 2050 Regional Vision for land use, housing and transportation, and further refinement of future transportation planning as part of the Close the Gap Plan.

## Training & Education (280)

### Objective

To provide professional development and training to promote continued development of skills for MAPA staff

### Previous work

- Attended local workshops, training, and educational activities
- Participated in statewide COG / Economic Development District (EDD) organizations of Nebraska Regional Officials Council (NROC) and Iowa Association of Councils of Government (ICOG)
- Took part in FHWA / FTA webinars related to federal guidance and initiatives
- Participated in NACTO and CTAA webinars related to national best practices
- Attended 2016 / 2017 national conferences held by National Association of Regional Councils (NARC) and National Association of Development Organizations (NADO)

### Work Activities

#### 1. Technical and Policy Education Activities

Participate in ongoing education and staff development activities such as workshops, conferences, and webinars devoted to planning and research-related policy and technical information. Event sponsors include local, state, and national organizations such as the Greater Omaha Chamber of Commerce and Economic Development Partnership, American Society of Civil Engineers (ASCE), Locate, NROC, IARC, NARC, NADO, Transportation Research Board (TRB), American Planning Association (APA), and other organizations. Workshops and training activities may also be convened by local, state, and federal governmental agencies such as NDOR, Iowa DOT, and USDOT. Estimated hours: 444

#### 2. Related Association Participation

Participate in local, state, and national associations that provide ongoing education, training, staff and leadership development, and peer-to-peer knowledge exchange. Event sponsors include local, state, and national organizations such as the Greater Omaha Chamber, ASCE, LOCATE, NROC, IARC, NARC, NADO, TRB, APA and other organizations. Federal funding for these activities will not consist of lobbying in accordance with 2 CFR 200.450. Estimated hours: 272

#### 3. Professional Certifications and Memberships

Staff members apply, take required tests, and actively participate in professional organizations such as the APA's American Institute of Certified Planners (AICP). Estimated hours: 114

<b>280 End Products</b>		<b>Schedule</b>
1.	Technical & Policy Education Activities	As Needed
2.	Related Association Participation	Ongoing
3.	Professional Certifications & Memberships	As Needed

<u>280 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$35,769	\$41,675	830

## Transportation Management (290)

### Objective

Provide for leadership and efficient administration of MAPA's transportation programs

### Previous Work

- Personnel management for transportation activities
- Financial management of budget and contracts
- General administrative activities related to organization support and operations

### Work Activities

1. Program Administration

Provide oversight and administrative support for MAPA transportation and data staff activities. Estimated Hours: 1,352

2. Personnel Management

Ongoing activities related to personnel needs, recruitment, orienting and training, and other human resource activities. Estimated Hours: 1,003

3. Financial Management

Monitoring and maintenance of MAPA's budget and development of dues schedule and associate membership program. Implementation and coordination for a TIP Administrative Fee. Estimated Hours: 1,070

4. Contracts and Agreements

Develop and negotiate contracts for programs, develop proposals as well as monitor and report on contracts. Estimated hours: 400

5. Quarterly Reporting and Invoicing (NDOR & Iowa DOT)

Review quarterly reports and invoices for Nebraska Department of Roads and Iowa Department of Transportation. Estimated Hours: 335

<b>290 End Products</b>		<b>Schedule</b>
1.	Program Administration	Ongoing
2.	Contracts	Ongoing
3.	UPWP	Ongoing
4.	Agreements	Ongoing
5.	Quarterly Reporting and Invoicing	Ongoing

<u>290 Budget</u>	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$178,557	\$208,064	4,160

## Membership Services (300)

### Objective

Provide assistance to MAPA members, including demographic data, mapping, and other service to local, state and regional projects.

### Previous Work

- Provided data and map requests to members.
- Coordinated with members on their projects and methodologies to benefit the regional transportation process.

### Work Activities

1. Member Data Requests  
MAPA staff will respond to requests for demographic, traffic, and other data requests from members.  
Estimated Hours: 200
2. Member Mapping Requests  
MAPA staff will respond to mapping and GIS requests for demographic, traffic, and other data requests from members. Estimated Hours: 330

<b>300 End Products</b>		<b>Schedule</b>
1.	Member Data Requests	As Needed
2.	Member Mapping Requests	As Needed

### 300 Budget

MAPA Activities	<u>Federal Cost</u>	<u>Total Cost</u>	<u>Hours</u>
	\$ 22,530	\$26,250	530

## **Local and Partner Planning Support (310)**

### **Objective**

Provide assistance to local governments and agencies to conduct plans and develop data in support of the regional transportation planning process.

### **Previous Work**

- Douglas County GIS created and maintained GIS data sets that support the regional planning process.
- City of Omaha Public Works conducted the traffic counting program.
- City of Omaha Planning Department worked on Omaha transportation planning projects and coordinated with the regional planning process.
- Sarpy County GIS created and maintained GIS data sets that support the regional planning process.
- Sarpy County Planning Department worked on transportation-related planning projects and coordinated with the region.
- Pottawattamie County GIS created and maintained GIS data sets that support the regional planning process.
- Metro Transit conducted various transit planning activities.

### **310 Contracts and Sub-recipients**

#### **Metro Transit Planning Activities (31001)**

Metro Transit will conduct various planning activities to support the regional transit system. Activities will include refining service changes implemented in June 2016 based on the Heartland Connections Regional Transit Vision recommendations, coordinating transit into Heartland 2050, conducting the Central Omaha Alternatives Analysis Phase II, and conducting other regional transportation planning including a new on-board survey.

#### **Live Well Omaha Metro Bicycle Safety Education (31001)**

Live Well Omaha (in partnership with the City of Omaha, MAPA, and other local agencies) will continue to lead a program to provide bicycle safety education for children and adults in the region. The program includes outreach to children, training, certification of trainers, and distribution of educational / safety materials.

#### **Section 5310 and Job Access Reverse Commute (JARC) Funding Grants (44003)**

MAPA administers Section 5310, JARC, and New Freedom programs for distribution to eligible subrecipients. 5310 funding is a discretionary capital assistance program to assist local governments, private agencies, and nonprofit agencies provide transportation service for the elderly and disabled. MAPA administers The FTA JARC and New Freedom programs are intended to address the unique transportation challenges faced by low-income people seeking to obtain and maintain employment, as well as people with disabilities seeking integration into the work force.

#### **Mobility Coordination (44004)**

Through the FTA VTCLI, MAPA will continue to coordinate with Metro Transit and the Veteran's Administration (VA) with numerous agencies currently providing disjointed paratransit services in the MAPA region for people including veterans and military families. Funding will be utilized to procure hardware, software, dispatch services, and other expenses.

## APPENDIX II - MAPA Council of Officials

### NEBRASKA

DOUGLAS COUNTY (531,265)  
Bennington (1,458)  
Boys Town (745)

Omaha (408,958)  
Omaha City Council  
Ralston (5,943)  
Valley (1,875)  
Waterloo (848)

SARPY COUNTY (158,840)  
Bellevue (50,137)  
Gretna (4,441)  
La Vista (15,758)  
Papillion (18,894)  
Springfield (1,529)

WASHINGTON COUNTY (20,234)  
Arlington (1,243)  
Blair (7,990)  
Fort Calhoun (908)  
Herman (268)  
Kennard (361)  
Washington (155)

### IOWA

MILLS COUNTY (15,059)  
Emerson (438)  
Glenwood (5,269)  
Hastings (152)  
Henderson (185)  
Malvern (1,142)  
Pacific Junction (471)  
Silver City (275)

POTTAWATTAMIE COUNTY (93,158)  
Avoca (1,506)  
Carson (812)  
Carter Lake (3,785)  
Council Bluffs (62,230)  
Crescent (617)  
Hancock (196)  
Macedonia (246)  
McClelland (151)  
Minden (599)  
Neola (842)  
Oakland (1,527)  
Treynor (919)  
Underwood (917)  
Walnut (785)

CLARE DUDA (representing Board Chairman Mary Ann Borgeson)  
JOHN MATT, Mayor  
JOHN MOLLISON (representing Board Chairman Rev. Steven Boes)  
JEAN STOTHERT, Mayor  
BEN GRAY, City Councilmember  
DON GROESSER, Mayor  
CAROL SMITH, Mayor  
KEN HITCHLER, Village Board Chairman

PRESIDENT  
GARY MIXAN (representing Board Chairman Don Kelly)  
RITA SANDERS, Mayor  
JEFF KOOISTRA (representing Mayor Jim Timmerman)  
DOUG KINDIG, Mayor  
DAVID BLACK, Mayor  
ROBERT ROSELAND, Mayor

CARL LORENZEN, Supervisor Board Chairman  
PAUL KRAUSE, Village Board Chairman  
JIM REALPH, Mayor  
MITCH ROBINSON, Mayor  
KIM JOHNSON, Village Board Chairman  
CLINT PEARSON, Village Board Chairman  
ERNEST BELIK, Board of Trustees

VICE PRESIDENT

CAROL VINTON, (representing Board Chairman Lonnie Mayberry)  
ROB ERICKSON, Mayor  
BRIAN TACKETT, Mayor  
RODNEY COURTIER, Mayor  
MICHAEL BAUMFALK, Mayor  
MICHAEL BLACKBURN, Mayor  
ANDY YOUNG, Mayor  
GARY FRANKFORTER, Mayor

TOM HANAFAN (representing Board Chairman Justin Schultz)  
JERALD ESPESETH, Mayor  
TIM TODD, Mayor  
GERALD WALTRIP, Mayor  
MATTHEW WALSH, Mayor  
BRIAN SHEA, Mayor  
HAROLD HOFFMAN, Mayor  
JAMES BRADEN, Mayor  
MITCH KAY, Mayor  
KEVIN ZIMMERMAN, Mayor  
PETE SORENSEN, Mayor  
MICHAEL O'BRIEN, Mayor  
BRYCE POLAND, Mayor  
DENNIS BARDSLEY, Mayor  
GENE LARSEN, Mayor

## MAPA Council of Officials

### SPECIAL PURPOSE GOVERNMENTAL ENTITIES

Bellevue Public Schools  
Council Bluffs Airport Authority  
Council Bluffs Planning Commission  
Fremont School District  
Golden Hills Resource Conservation & Development  
Iowa Western Community College  
Metro Transit  
Metropolitan Utilities District  
Metropolitan Community College

Millard Public Schools  
Omaha Airport Authority  
Omaha Housing Authority  
Omaha Planning Board  
Omaha Public Power District

Papillion-La Vista Public Schools  
Papio Missouri River NRD  
Pony Creek Drainage District  
Ralston Public Schools  
Valley Fire District #5

PHIL DAVIDSON, Board President  
ANDY BILLER (representing Board President John Dalton)  
LINDSEY DANIELSON, Board Chairman  
MARK SHEPARD, Superintendent  
MICHELLE WODTKE-FRANKS, Board Chairman  
RANDY PASH, Board Chairman  
DANIEL LAWSE, Board Chairman  
SCOTT KEEP, President  
STEVE GRABOWSKI, (representing Board Chairman Roger Garcia)  
DR. JIM SUTFIN, Superintendent  
DAN OWENS (representing Board Chairman Eric Butler)  
DAVID LEVY, Board Chairman  
BRINKER HARDING, Board Chairman  
TOM RICHARDS (representing Board Chairman NP (Sandy) Dodge)  
ANDREW RIKLI, Superintendent  
DAVID KLUG, Board Chairman  
JAY CHRISTENSEN, Board Chairman  
DR. MARK ADLER, Superintendent  
AARON UECKERT, Fire Chief

## MAPA Board of Directors

City of Bellevue	CHAIRWOMAN	RITA SANDERS, Mayor
City of Council Bluffs		MATT WALSH, Mayor
City of Omaha		JEAN STOTHERT, Mayor
City of Omaha		BEN GRAY
Douglas County		CLARE DUDA
Iowa Small Communities / Counties		CAROL VINTON
Nebraska Small Communities / Counties		DOUG KINDIG, Mayor
Pottawattamie County	VICE CHAIRMAN	TOM HANAFAN
Sarpy County		GARY MIXAN
Secretary / Treasurer		PATRICK BLOOMINGDALE

## MAPA Transportation Technical Advisory Committee (TTAC)

### TTAC Voting Members

Bellevue Planning		CHRIS SHEWCHUK
Bellevue Public Works		JEFF ROBERTS
Cass County Board of Commissioners		JANET MCCARTNEY
Council Bluffs Planning		BRANDON GARRET
Council Bluffs Public Works		GREG REEDER
Douglas County Engineer's Office		DAN KUTILEK (representing Tom Doyle)
Iowa Department of Transportation, District 4		SCOTT SUHR
La Vista Public Works		JOE SOUCIE
Metro Transit		CURT SIMON
Nebraska Department of Roads, District 2		TIM WEANDER
Nebraska Department of Roads, Lincoln		BRAD ZUMWALT
Omaha Airport Authority, NE		DAVID ROTH
Omaha City Engineer	VICE CHAIRMAN	TODD PFITZER
Omaha Planning		DEREK MILLER
Omaha Public Works Director		ROBERT STUBBE
Papillion Planning		MARK STURSMA
Papillion Public Works		MARTY LEMING
Pottawattamie County		JOHN RASMUSSEN
Ralston		DAN FRESHMAN
Sarpy County Planning		BRUCE FOUNTAIN
Sarpy County Public Works	CHAIRMAN	DENNIS WILSON

### TTAC Associate Members

Benesch	JIM JUSSEL
Council Bluffs Chamber of Commerce	TERRY BAILEY
Federal Highway Administration – Iowa Division	TRACY TROUTNER
Federal Highway Administration – Nebraska Division	JUSTIN LUTHER
Federal Transit Administration Region VII	MARK BECHTEL (representing Mokhtee Ahmad)
Felsburg Holt & Ullevig, NE	KYLE ANDERSON
Greater Omaha Chamber of Commerce	JAMIE BERGLUND
Greater Omaha Chamber of Commerce	TIM STUART
HDR Engineering, Inc.	MATT SELINGER
HGM	JOHN JORGENSEN
Iteris, Inc.	MICHAEL MALONE
Kirkham Michael	SORIN JUSTER
Lamp, Rynearson & Associates, Inc	MATTHEW KRUSE
Metropolitan Area Planning Agency	GREG YOEELL
Olsson Associates	MIKE PIERNICKY
Parsons Brinckerhoff	KARL FREDRICKSON
The Schemmer Associates, Inc	TODD COCHRAN
The Schemmer Associates, Inc	CHARLES HUDDLESTON

Appendix I: MAPA FY - 2018 UPWP Budget Table														
Work Activity	FHWA PL				FTA 5305d		RPA-18	CMAQ	FHWA-STBG		FTA-Admin	Aerial Photography	Total Transportation Funding	Hours
	Neb.	FY-18	Neb. FY-17	Iowa FY-18	Neb FY-18	Iowa FY-18	Iowa SPR & 5311	Neb CMAQ	Neb STBG	Iowa STBG	5310 VTCLI JARC/NF			
<u>MAPA Activities</u>														
200 UPWP and Federal Assurances	\$ 17,500	\$ 5,000	\$ 4,000	\$ 12,500	\$ 1,250	\$ 2,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,750	860
210 Board and Committee Support	104,500	30,000	6,500	20,000	5,000	10,000	-	-	-	3,125	-	-	179,125	3,580
220 Regional Transportation Planning	81,500	34,375	13,794	35,500	11,447	8,000	-	-	-	103,815	-	-	288,431	5,770
230 TIP and Local Projects	74,105	25,000	12,200	26,500	7,500	6,000	-	10,000	-	9,375	-	-	170,680	3,410
240 Communication and Public Involvement	131,250	33,000	8,000	20,000	1,875	9,000	-	-	-	6,250	-	-	209,375	4,190
250 Regional Data, Mapping & Forecasting	165,000	25,000	8,000	8,000	625	12,329	-	-	-	-	-	-	218,954	4,380
260 Environment and Energy	28,380	7,500	-	7,500	-	2,000	35,010	-	-	-	-	-	80,390	1,610
270 Heartland 2050-Transportation related	31,500	20,000	8,000	20,000	-	3,000	-	10,000	-	-	-	-	92,500	1,850
280 Training and Education	25,000	5,000	3,000	5,000	1,875	1,800	-	-	-	-	-	-	41,675	830
290 Management	137,500	20,625	8,000	23,189	-	10,000	-	-	-	8,750	-	-	208,064	4,160
300 Membership Services	18,750	3,000	3,000	-	-	1,500	-	-	-	-	-	-	26,250	530
Subtotal MAPA Activities-Federal Share	\$ 698,602	\$ 167,875	\$ 66,661	\$ 178,189	\$ 24,078	\$ 52,903	\$ 28,008	\$ 16,000	\$ -	\$ 105,052	\$ -	\$ -	\$ 1,337,368	
Subtotal MAPA Activities - State Share	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal MAPA Activities-Local Share	116,383	40,625	7,833	-	5,494	13,226	7,002	4,000	-	26,263	-	-	220,826	
<b>Subtotal MAPA Activities</b>	<b>\$ 814,985</b>	<b>\$ 208,500</b>	<b>\$ 74,494</b>	<b>\$ 178,189</b>	<b>\$ 29,572</b>	<b>\$ 66,129</b>	<b>\$ 35,010</b>	<b>\$ 20,000</b>	<b>\$ -</b>	<b>\$ 131,315</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,558,194</b>	31,170
<u>Contracts and Subrecipients</u>														
22001 - Transportation Support & Communications	\$ 25,000	\$ 37,500	\$ 12,500	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
23006 - Bellevue Bridge Study	-	-	-	-	-	-	-	150,000	-	-	-	-	150,000	
25003 - On-Call Modeling	28,000	-	7,000	-	-	-	-	-	-	-	-	-	35,000	
26001 - Little Steps Big Impact Project	-	-	-	-	-	-	382,760	-	-	-	-	-	382,760	
26003 - Rideshare / Travel Demand Mgmt.	10,000	4,000	-	-	-	-	-	-	-	-	-	-	14,000	
27001 - H2050 Mini-Grant Nebraska	-	-	-	-	-	-	-	271,875	-	-	-	-	271,875	
27001 - H2050 Mini-Grant Iowa	-	-	-	-	-	-	-	-	100,000	-	-	-	100,000	
27001 - Close the Gap Advisor	-	-	-	16,000	-	-	-	-	-	-	-	-	16,000	
27003 - Transit ROI Assessment	28,000	-	12,000	120,000	-	-	-	-	-	-	-	-	160,000	
31001 - Planning Local Subrecipients	382,143	-	29,207	-	13,650	-	-	-	-	-	-	-	425,000	
31001 - Transit Planning Subrecipient	-	-	-	114,286	-	-	-	-	-	-	-	-	114,286	
31001 - Live Well Omaha Bike Education	-	-	-	-	-	-	-	75,000	-	-	-	-	75,000	
31001 - 5310 Subrecipients	-	-	-	-	-	-	-	-	-	720,000	-	-	720,000	
31001 - JARC/NF Subrecipients	-	-	-	-	-	-	-	-	-	81,264	-	-	81,264	
31001 - VTCLI Subrecipients	-	-	-	-	-	-	-	-	-	527,344	-	-	527,344	
Aerial Photography (final payment)	-	-	-	-	-	-	-	-	-	-	462,233	-	462,233	
Subtotal Contracts and Subrecipients-Federal Share	\$ 331,900	\$ 32,125	\$ 41,500	\$ 184,591	\$ 10,500	\$ -	\$ 306,208	\$ 390,000	\$ 80,000	\$ 981,177	\$ -	\$ -	\$ 2,358,001	
Subtotal Contracts and Subrecipients - State Share	-	-	-	-	-	-	-	-	-	-	-	-	-	
Subtotal Contracts and Subrecipients-Local Share	141,243	9,375	19,207	90,695	3,150	-	76,552	106,875	20,000	347,431	462,233	-	1,276,761	
<b>Subtotal Contracts and Subrecipients</b>	<b>473,143</b>	<b>41,500</b>	<b>60,707</b>	<b>275,286</b>	<b>13,650</b>	<b>-</b>	<b>382,760</b>	<b>496,875</b>	<b>100,000</b>	<b>1,328,608</b>	<b>462,233</b>	<b>\$ -</b>	<b>\$ 3,634,762</b>	-
Total Federal Share	\$ 1,030,502	\$ 200,000	\$ 108,161	\$ 362,780	\$ 34,578	\$ 52,903	\$ 334,216	\$ 406,000	\$ 80,000	\$ 1,086,229	\$ -	\$ -	\$ 3,695,369	
Total Local Share	257,626	50,000	27,040	90,695	8,644	13,226	83,554	110,875	20,000	373,694	462,233	-	1,497,587	
<b>Total</b>	<b>1,288,128</b>	<b>250,000</b>	<b>135,201</b>	<b>453,475</b>	<b>\$ 43,222</b>	<b>\$ 66,129</b>	<b>\$ 417,770</b>	<b>\$ 516,875</b>	<b>\$ 100,000</b>	<b>\$ 1,459,923</b>	<b>\$ 462,233</b>	<b>\$ -</b>	<b>\$ 5,192,956</b>	
Total Hours	25,760	5,000	2,700	9,070	860	1,320	8,360	10,340	2,000	29,200	9,240	-	103,850	
<u>Match Funding</u>														
Local / Subrecipient Cash	\$ 123,983	\$ 40,625	\$ 11,333	\$ -	\$ 5,494	\$ 13,226	\$ 74,554	\$ -	\$ -	\$ 26,263	\$ 462,233	\$ -	\$ 757,711	
State Funding	-	-	-	-	-	-	-	-	-	-	-	-	-	
Heartland 2050 Foundation Cash	19,000	9,375	6,000	56,409	-	-	-	-	-	-	-	-	90,784	
In-kind Match	114,643	-	9,707	34,286	3,150	-	9,000	110,875	20,000	347,431	-	-	649,092	
Match %	20%	20%	20%	20%	20%	20%	20%	21%	20%	26%	100%	-	29%	