

VII
B-1

**AGENDA ITEM
REQUEST/JUSTIFICATION FORM**
(To be completed by requesting Department)
Forward all requests to Sharon Bourke, LC2 Civic Center
**DEADLINE SUBMITTAL IS 3:00 P.M. WEDNESDAY
BEFORE THE TUESDAY MEETING**

Agenda item: Admin Services
(i.e. Consent/Recognition-Proclamation/Presentation/Public Hearing/Committee, etc.)

Date to be on agenda: August 2, 2016

Exact wording to be used for the agenda: Approve annual GIS interlocal
With MAPA

Action requested: approval

Amount requested: \$0 Object Code: _____

Is item in current year's budget? Yes X No _____

Does this item commit funds in future years? Yes _____ No X

If yes, explain: _____

If an agreement or contract, has the County Attorney reviewed and approved? Yes X No _____

Previous action taken on this item, if any: _____

Recommendations and rationale or action: _____

Will anyone speak on behalf of this item, if so who? Michael Schonlau

If this is a rush agenda item, please explain why: _____

Submitted by (Name & Dept.): Michael Schonlau - GIS Ext. 3982

Date submitted: 7/22/16

List Attachments: Resolution, contract, and exhibits
(Attach resolution and all pertinent documentation; i.e. contract, agreement, memorandums, etc.)

Certified resolutions can be obtained at the County Clerk's website:
<http://www.douglascountyclerk.org/county-board-records/search-for-resolutions>

Completed by receiving office	Date	Time
Received in Administrative Office:	<u>7/22/16</u>	



Omaha - Council Bluffs
Metropolitan Area
Planning Agency

2222 Cuming Street
Omaha, NE 68102-4328

402-444-6866 P
402-342-0949 F

www.mapacog.org
mapa@mapacog.org

July 1, 2016

Douglas County
Attn: Mike Schonlau, GIS Coordinator
1819 Farnam Street
Omaha, NE 68183

Mr. Schonlau:

Enclosed are two signed contracts for 410.10 Douglas County GIS Activities – FY 17. Please sign both contracts and return one fully executed copy to MAPA. If you have any questions, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads 'Melissa Engel'.

Melissa Engel
Director of Finance and Operations

Encl.

CONTRACT COVER PLATE

CONTRACT IDENTIFICATION

1. Contract Number: 17504101001
2. Project Number: 410.10 Douglas County GIS Activities – FY 17
3. Effective Date: July 1, 2016
4. Completion Date: June 30, 2017

CONTRACT PARTIES

5. Contractor Name and Address:

Douglas County
GIS Coordinator
1819 Farnam Street
Omaha NE 68183

6. The Planning Agency:

The Omaha-Council Bluffs Metropolitan Area Planning Agency
2222 Cuming Street
Omaha, Nebraska 68102

ACCOUNTING DATA

7. Contract – not to exceed \$82,000 FHWA PL Funds, plus minimum \$ 35,260 in local matching funds.
Allotted - \$82,000 FHWA PL Funds, CFDA Number 20.205
8. Administrative Fee: Contractor shall pay the Planning Agency an administrative fee of \$4,100.00 equal to 5% of the federal portion of this agreement. Federal funds from this agreement shall not be used to pay the administrative fee.

DATES OF SIGNING AND MAPA BOARD APPROVAL

9. Date of MAPA Board Approval -
10. Date of County Approval
11. Legal Review -
12. Date of State Concurrence -

AGREEMENT

FOR PROFESSIONAL SERVICES

THIS AGREEMENT entered into this first day of July, 2016 by and between Douglas County, Nebraska on behalf of the Douglas County Geographic Information Systems Department ("GIS"), 1819 Farnam Street, Omaha, NE 68183 (hereinafter referred to as "the County") and the Omaha-Council Bluffs Metropolitan Area Planning Agency, 2222 Cuming Street, Omaha, Nebraska, 68102 (hereinafter referred to as "MAPA"), providing for professional services described herein and within the MAPA FY 2017 Unified Work Program (hereinafter referred to as the "FY 2017 Program").

NOW, THEREFORE, it is mutually understood and agreed by the parties hereto as follows:

1. EMPLOYMENT OF THE COUNTY

The County through its GIS Coordinator agrees to undertake certain transportation planning activities identified in Section 104 (f) of Title 23 United States Code and /or 49 U.S.C 5303, and incorporated into MAPA's FY 2017 Program Exhibit I and incorporated hereto by reference. This Agreement shall be subject to all required provisions of the Nebraska Department of Roads ("NDOR") Agreement Project No. PL-1(53) attached as Exhibit II and incorporated hereto by reference.

2. AREA COVERED

The area to be covered in the study under this Agreement shall be Douglas County, Nebraska.

3. SCOPE OF SERVICES

A. The County shall do, perform, and carry out the duties stated herein and in accordance with MAPA's FY 2017 Unified Work Program for transportation planning activities for the Omaha-Council Bluffs Metropolitan Area. The work will include the various work activities within work element 410.10 identified below and Exhibit IV.

410.10 Douglas County GIS Activities

Douglas County will manage and maintain transportation-related assets through the Cityworks GIS-based program. These assets include streets, construction projects, curb ramps, bridges, maintenance areas, sidewalks, sewers, snow removal routes, pavement markings, parking meters, signs, traffic signals, street parking, alleys, and unimproved roads. Douglas County will create, maintain, and manage transportation-related GIS data and coordinate with MAPA on the development of a regional traffic count portal. In addition, Douglas County will design, develop, implement, and maintain various GIS web and mobile applications in support of transportation related activities within the City of Omaha and Douglas County.

B. The County shall develop progress reports documenting their work activities and studies undertaken under the terms of this Agreement. These reports shall be of a quality suitable for publication, but will not ordinarily be intended for wide distribution. The documents shall be written in a style and form suitable for a technical audience rather than the mass public. Such reports shall contain the following information:

1. Activities completed in the quarter.

2. Percentage completion.
 3. Number of hours completed by employee by activity for the quarter.
 4. Activities to be completed next quarter.
 5. Any existing or expected concerns about completed the activities included in the scope.
- C. The aforementioned reports shall be prepared for no less than the work activities specifically cited within Section 3, Scope of Services. The remaining work activities within the FY 2017 Program may be documented in a single report or additional reports as is mutually agreeable to MAPA and the County.
- D. The County will cooperate with MAPA in the preparation of information and reports to meet in a timely manner, the requirements of NDOR. MAPA will be provided a copy of data and reports developed as a result of this Agreement.
- E. The County will be available to provide quarterly oral reports to the MAPA Transportation Technical Advisory Committee and the MAPA Board of Directors when necessary, and will submit written quarterly progress reports. These progress reports will provide, for work element 410.10 the following information: work performed during the completed quarter, conformance to approved project scope, percent completed, if on schedule, and planned activities for the next quarter. These reports need to be submitted no later than thirty (30) days after the end of each quarter.

4. PERSONNEL

- A. The County represents that it has, or will secure all personnel required in performing the services under this Agreement without exceeding the project budget. Such personnel will not have any other financial interest pertaining to work covered by this Agreement.
- B. All of the services required hereunder shall be performed by the County or under its supervision and all personnel engaged in the work shall be fully qualified and authorized under state and local law to perform such services.
- C. All subcontracted services covered by this Agreement shall be reviewed and approved prior to contracting by MAPA and NDOR.

5. TIME OF PERFORMANCE

The County agrees to perform the services of this Agreement as outlined in the FY 2017 Program and stated herein, within the time of this Agreement. The agreement shall cover work performed beginning July 1, 2016, and ending June 30, 2017.

6. COMPENSATION

Contingent upon receipt of Federal Highway Administration (FHWA) PL funds from NDOR under Agreement Project No. PL-1(52), MAPA agrees to pay for the services rendered by the County

under the terms of this Agreement, compensation on a cost reimbursement basis for costs incurred and to include direct costs not to exceed in any event eighty-two thousand dollars (\$82,000.00) less independent audit and inspection fees, unless acceptable compliance with Office of Management and Budget (OMB) Circular A-133 can be substituted. The County agrees to contribute in cash or in services a minimum requirement of thirty-five thousand two hundred sixty dollars (\$35,260.00). Services shall be defined as staff time paid with non-federal dollars or equipment purchased with non-federal dollars. (Exhibit III)

Payments for work under this agreement will be made based on actual costs up to a Maximum-Not-To-Exceed amount identified in the preceding paragraph. Actual costs include direct labor costs, direct non-labor costs, and overhead costs.

A. Direct Labor Costs are the earnings that individuals receive for the time they are working directly on the project.

a. Hourly Rates: For hourly employees, the hourly earnings rate shall be their employee's straight time hourly rate for the pay period in which the work was performed. If overtime hours are worked on this project, the premium pay portion of those hours is not allowable as a direct labor cost. For salaried employees, the hourly earnings rate shall be their actual hourly rate as recorded in the County's accounting books of record.

b. Time Reports: The hours charged to the project must be supported by adequate time distribution records that clearly indicate the distribution of hours to all projects/activities on a daily basis for the entire pay period. Time reports must provide a clear identifying link to the projects: such as project description, project number, pertinent work phase, dates of service, and the individual's name and position. There must be an adequate system of internal controls in place to ensure that time charges are correct and have the appropriate supervisory approval.

B. Direct Non-Labor Costs: These costs include all necessary, actual, and allowable costs related to completing the work under the agreement, including but not limited to: meals, lodging, mileage, subject to the limitations outlined below; communication costs; reproduction and printing costs; special equipment and materials required for the project; special insurance premiums if required solely for this agreement; and such other allowable items. Purchases of such items should follow federal funding procurement process. Meal and lodging expenses shall not exceed IRS published per diem rates for the region. Alcoholic beverages are not considered to be an allowable expense and are not reimbursable.

A non-labor cost charged as a direct cost cannot be included in the County's overhead rate. If for reasons of practicality, the consultant is treating a direct non-labor cost category, in its entirety, as an overhead cost, then costs from that category are not eligible to be billed to this project as a direct expense.

County shall submit to the Planning Agency an invoice or billing itemizing all direct non-labor costs claimed for work under this agreement, and all supporting receipts or invoices.

7. ADMINISTRATIVE FEE

The County agrees to pay MAPA an administrative fee of four thousand one hundred dollars (\$4,100). MAPA in exchange shall monitor compliance with grant requirements, review and

approve payment authorizations and submit to the federal agency for payment. Sources of funding for this administrative fee shall come from non-federal funds.

8. ACCOUNTING RECORDS

- A. The County shall establish and maintain accounts for the project in a manner consistent with OMB Circular A-133 and in accordance with applicable provisions of 23 CFR 172.
- B. Expenditures shall be in conformance with the standards for allowability of costs set forth in OMB Circular A-87 and the contract cost principles and procedures set forth in 48 CFR Part 1.31.6 of the Federal Acquisition Regulation system.
- C. The County shall establish and maintain separate accounts for expenditures under NDOR Agreement Project No. PL-1(52).

9. SUBMISSION OF VOUCHERS/INVOICES

- A. The County may submit monthly, but no less than quarterly, documented invoices of costs incurred for the work elements and work activities that were previously identified in Sections 3A and 3E of this Agreement. Said reports shall account for the expenditure of Federal and the County shares, shall indicate work program percentage completion, and shall contain a statement of the County's estimate of the percentage of work completed and be signed by a responsible representative of GIS certifying that all of the items herein are true and correct for the work performed under the terms of this Agreement. Final payment shall be made upon determination by MAPA and NDOR that all requirements hereunder have been completed, which determination shall not be unreasonably withheld. Promptly after receipt of the County's invoices, and following receipt of funds from NDOR under Agreement Project No. PL-1(52), MAPA shall make payment thereon to the County. MAPA may withhold ten percent (10%) of the total compensation pending a final audit of this Agreement, 120 days from the end date of this agreement.
- B. All invoices shall be taken from the books of account kept by the County and the County shall have available copies of payroll distribution, receipted bills or other documents reasonably required by MAPA. The County shall use actual labor rates for billing purposes.
- C. The County shall have available a listing of all the County personnel positions that may be selected or assigned to the work contemplated herein. Said listing shall indicate the title or classification and salary range of each such position. It is agreed that employees of the County, whose time is directly assignable to this FY 2017 Program, shall keep and sign a time record showing the work element and work activity of the FY 2017 Program, date and hours worked, and title of position.
- D. It is understood that reimbursement for out-of-state (other than Nebraska, Iowa and Kansas County) travel costs, will not be requested unless written prior approval for such travel has been

given by MAPA and the State. The rate of reimbursement will be that allowed by the State for travel by its own employees.

- E. If the FHWA notifies MAPA that a cost item (as identified in the cost circulars and regulations identified herein) paid to the County under this Agreement is not eligible for funding by the FHWA, then the County shall reimburse to MAPA the amount of the ineligible cost item.

10. TERMINATION OF AGREEMENT FOR CAUSE

- A. If, through any cause, the County shall fail to fulfill in a timely and proper manner its obligations under this Agreement, or if the County shall violate any of the covenants, agreements, or stipulations of this Agreement, or refuse to accept changes required by NDOR, MAPA shall thereupon have the right to terminate this Agreement by giving written notice to the County of such termination and specifying the effective date of such termination. In that event, all finished or unfinished documents, data, studies, surveys, drawings and reports prepared by the County shall be made available to MAPA, and the County shall be entitled to receive compensation for all expenses incurred or obligated on all work mutually agreed to be satisfactorily completed through the effective date of termination.
- B. The above also applies when the Agreement may be terminated because of circumstances beyond the control of MAPA or the County.

11. CHANGES

The County or MAPA may, from time to time, request changes in the Scope of Services set forth in this Agreement, which are to be performed by the County GIS Coordinator. Such changes, including any increase or decrease in the amount of the County's compensation, which are mutually agreed upon by and between MAPA and the County, and subject to the approval of the NDOR, shall be incorporated in written amendments to this Agreement and duly executed by authorized officials of the Parties.

12. RECORDS AND AUDITS

- A. The County shall maintain an accurate cost-keeping system as to all costs incurred in connection with the subject of this Agreement and shall produce for examination books of account, bills, invoices and other vouchers, or certified copies thereof if originals are lost, at such reasonable time and place as may be designated by MAPA, NDOR or a designated Federal representative and shall permit extracts and copies thereof to be made during the period and for three (3) years after the final NDOR-MAPA audit is completed, resolved and closed.
- B. The County shall at all times afford a representative of MAPA, NDOR, FHWA, or any authorized representative of the Federal government, reasonable facilities for examination and audits of the cost account records, shall make such returns and reports to a representative as may be

required, shall produce and exhibit such books, accounts, documents and property as the representative may desire to inspect, and shall in all things aid the representative in the performance of audit duties.

- C. The County shall be responsible for meeting the audit requirements of OMB Circular A-133, or any revision or supplement thereof. OMB Circular A-133 states that when expenditures of federal awards, whether pass-through or direct, in total exceed \$500,000 in a fiscal year, an A-133 Audit is required. Pass-through monies from MAPA shall be separately identified on the County's *Schedule of Expenditures of Federal Awards* as reported in their financial audit.
- D. If any amount paid by MAPA to the County under this Agreement as found to be ineligible for reimbursement from the sponsoring federal agency, the County shall pay such amount back to MAPA.

13. PROHIBITED INTEREST

- A. No member of or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or to any benefit arising there from.
- B. No member, officer, or employee of MAPA or of a local governing public body during their tenure or one (1) year thereafter shall have any financial interest, direct or indirect, in this Agreement or the proceeds thereof.

14. ASSIGNABILITY

Neither the County nor MAPA shall assign any interest in this Agreement, and shall not transfer any interest in the same (whether by assignment or novation), without prior written mutual consent.

15. CLAIMS

Both parties indemnify, save and hold harmless the other party, and all its agents and employees of and from any and all claims, demands, actions or causes of action of whatever nature or character arising out of, or by reason of, the work to be performed by either party. Each party further agrees to defend, at its own sole cost and expense, any action or proceeding commenced for the purpose of asserting any such claim of whatever character arising as a result of its actions. Each party agrees to cooperate in the defense or settlement negotiation of such claim, action, or proceeding. It is further agreed that any and all employees of either party while engaged in the performance of any work or service required or provided for herein to be performed by that party, shall not be considered employees of the other party, and that any and all claims that may or might arise under the Worker's Compensation Act of the State of Nebraska or any other applicable workers' compensation law on behalf of said employees, while so engaged, and any and all claims made by any third parties as a consequence of any act or omission on the part of said employees, shall in no way be the obligation or responsibility of the other party.

16. INTEREST OF THE COUNTY

The County covenants that it presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance or services required to be performed under this Agreement. The County further covenants that in the performance of this Agreement, no person having any such interest shall be employed.

17. IDENTIFICATION OF DOCUMENTS

A. All reports, maps, and other documents completed as part of this Agreement, other than documents completed exclusively for internal use within MAPA, shall carry the following notation on the front cover or a title page (or, in the case of maps in the same block) containing the name of MAPA, the County and the following:

"The preparation of this report, document, etc. was financed in part through a Federal grant from the Department of Transportation under the Transportation Planning Program authorized under Section 104 (f) of Title 23 United States Code and /or 49 U.S.C 5303."

Together with the date (month and year) the document was prepared.

B. Originals of all documents including computer tapes, tracings, drawings, estimates, specifications, field notes, investigations, studies, etc., as instruments of service under terms of this Agreement are to be the joint property of the political jurisdiction and governmental agencies participating in the transportation planning process. Copies of said documents will be made available to such participants upon request at costs of such reproduction.

18. PUBLICATION OR RELEASE OF INFORMATION

A. Papers, interim reports, forms or other material which are a part of the work under this Agreement shall not be copyrighted without written approval of NDOR and FHWA.

B. Either party to the Agreement may initiate a request for publication of the final or interim reports, or any portions thereof.

C. Publication by either party shall give credit to the other party and to the FHWA. However, if NDOR or FHWA does not wish to subscribe to the findings or conclusions of the study the following statement shall be included on the credit sheet: "The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of NDOR or the Federal Highway Administration."

D. In the event of failure of agreement between NDOR and the County relative to the publication of any reports during the period of the Agreement, each party reserves the right to publish independently, in which event the nonoccurrence of the other party shall be set forth, if requested.

E. Both written and oral releases are considered to be within the context of publication. However, there is no intention to limit discussion of the study with participants in the Transportation

Planning Program, small technical groups or lectures to employees or students. Lectures to other groups which describe the plans are permissible.

- F. Neither party shall publish nor otherwise disclose, nor permit to be disclosed or published, the results of the investigation herein contemplated, during the period of the Agreement, without notifying the other party.
- G. When the scheduled time for presentation of a paper does not permit formal review and approval of a complete report, abstracts may be used for notification of intent to present a paper based on the study. Such presentation must protect the interest of the other party by the inclusion of a statement in the paper and in presentation to the effect that the paper had not been reviewed by the State.

19. NONDISCRIMINATION

- A. Both Parties agree that in accordance with the Nebraska Fair Employment Practice Act, Neb. Rev. Stat. § 48-1122, they will not discriminate against any employee or applicant for employment, to be employed in the performance of this Agreement, with respect to hire, tenure, terms, conditions, or privileges of employment because of the age, race, color, religion, sex, disability, or national origin of the employee or applicant. None of the Parties shall, in the performance of this Agreement, discriminate or permit discrimination in violation of federal or state laws or local ordinances.
- B. The County agrees to comply with the requirements of Title VI of the Civil Rights Act of 1964.
- C. The County further agrees to comply with any and all applicable requirements of the U. S. Department of Transportation and the Federal Highway Administration regarding equal employment opportunity and nondiscrimination.

20. MINORITY BUSINESS ENTERPRISE

In connection with the performance of this Agreement, the County will cooperate with the project sponsor in meeting commitments and goals with regard to the maximum utilization of minority business enterprises and will use its best efforts to insure that minority business enterprises shall have the maximum practicable opportunity to compete for subcontract work under this Agreement to the extent allowable by law.

21. RESIDENCY VERIFICATION

Pursuant to Neb. Rev. Stat. § 4-114 et seq., each party shall use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska. A federal immigration verification system means the electronic verification of the work authorization program authorized by the illegal Immigration Reform and Immigrant Responsibility Act of 1996, 8 U.S.C. § 1324a, known as the E-Verify Program, or an

equivalent federal program designated by the United States Department of Homeland Security or other federal agency authorized to verify the work eligibility status of a newly hired employee.

21. APPLICABLE LAW AND VENUE

Parties to this Agreement shall conform to all existing and applicable city ordinances, resolutions, state and local laws, federal laws, and all existing and applicable rules and regulations. Nebraska law will govern the terms and the performance under this Agreement. Venue for any non-federal legal proceeding under this Agreement shall be in the State of Nebraska, District Court of Douglas County and for any federal legal proceeding in the United States District Court for the State of Nebraska located in Omaha Nebraska.

22. ENTIRE AGREEMENT

This Agreement contains the entire agreement of the Parties. The provisions of this Agreement may not be explained, supplemented, or qualified through evidence of trade usage or prior course of dealings. No representations were made or relied upon by either Party other than those that are expressly set forth herein. No agent, employee or other representative of either Party is empowered to alter any of the terms hereof except as provided herein.

23. DRUG FREE POLICY

Both parties have established and maintain drug free workplace policies

24. PUBLIC BENEFITS

With regard to Neb. Rev. Stat. §§ 4-108 – 113, neither Party is an individual or sole proprietorship. Therefore, neither Party is subject to the public benefits attestation and related requirements of Neb. Rev. Stat. §§ 4-108 – 113.

25. UNAVAILABILITY OF FUNDING

Due to possible future reductions including but not limited County, State and/or Federal appropriations, the County cannot guarantee the continued availability of funding for this Agreement, notwithstanding the consideration stated in this Agreement. In the event funds to finance this Agreement become unavailable either in full or in part due to such reduction in appropriations, the County may terminate the Agreement or reduce the consideration upon notice in writing to MAPA. The notice shall be delivered by certified mail, return receipt requested, or in person with proof of delivery. The County shall be the final authority as to the availability of funds. The effective date of such Agreement termination or reduction in consideration shall be specified in the notice as the date of service of the notice or the actual effective date of the County, State and/or Federal funding reduction, whichever is later. Provided, that reduction shall not apply to payments made for services

satisfactorily completed prior to the effective date. In the event of a reduction of consideration, MAPA may cancel this Agreement as of the effective date of the proposed reduction upon the provision of advance written notice to the County.

26. INDEPENDENT CONTRACTOR

It is agreed that nothing contained herein is intended or should be construed in any manner as creating or establishing a partnership or joint venture between the Parties. Any and all acts that either Party or its personnel, employees, agents, contractors, or servants, perform pursuant to the terms of this Agreement shall be undertaken as independent contractors and not as employees of the other. The Parties shall, except as provided herein, act in their individual capacities and not as agents, employees, partners, joint ventures or associates of the other. An employee or agent of one shall not be deemed or construed to be the employee or agent of the other for any purpose whatsoever. None of the Parties nor its personnel, employees, agents, contractors, or servants shall be entitled to any benefits of the other. The Parties shall not provide any insurance coverage to the other or their employees including, but not limited to, workers' compensation insurance. Each Party shall pay all wages, salaries and other amounts due its employees and shall be responsible for all reports, obligations, and payments pertaining to social security taxation, income tax withholding, workers' compensation, unemployment compensation, group insurance coverage, collective bargaining agreements or any other such similar matters. Neither Party shall have any authority to bind the other by or with any contract or agreement, nor to impose any liability upon the other. All acts and contracts of each shall be in its own name and not in the name of the other, unless otherwise provided herein.

27. COPELAND "ANTI-KICKBACK" ACT (18 U.S.C. 874 and 40 U.S.C. 276c) (if applicable)

The County or subcontractor shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

28. DAVIS-BACON ACT, as amended (40 U.S.C. 276a to a-7) (if applicable)

The County and subcontractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week. The recipient shall place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation and the award of a contract shall be conditioned upon the acceptance of the wage determination. The recipient shall report all suspected or reported violations to the Federal awarding agency.

29. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT (40 U.S.C. 327-333) (if applicable)

The County and subcontractors shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 1/2 times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

30. RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT (if applicable)

Any performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

31. DEBARMENT AND SUSPENSION (E.O.s 12549 and 12689)

The County and all subcontractors assert the organization or individuals are not listed on the government-wide Excluded Parties List System, in accordance with the OMB guidelines at 2 CFR part 180 that implement E.O.s 12549 (3 CFR, 1986 Comp., p. 189) and 12689 (3 CFR, 1989 Comp., p. 235), "Debarment and Suspension." The Excluded Parties List System contains the names of parties debarred, suspended, or otherwise excluded by agencies, as well as parties declared ineligible under statutory or regulatory authority other than E.O. 12549. [69 FR 26281, May 11, 2004, as amended at 70 FR 51879, Aug. 31, 2005]

IN WITNESS WHEREOF, the parties have hereto caused this Agreement to be executed by their proper officers and representatives.

**OMAHA-COUNCIL BLUFFS METROPOLITAN
AREA PLANNING AGENCY**

Attest: Melissa K. Boyd

by Ron Kolm DATE: 5/24/16
Chairman, Board of Directors

DOUGLAS COUNTY, NEBRASKA

Attest: _____

by _____ DATE: _____
Chairwoman, Board of Commissioners

APPROVED AS TO LEGAL FORM

DATE June 2, 2016

APPROVED AS TO LEGAL FORM

DATE July 11, 2016

Signed [Signature]
MAPA Legal Counsel

Signed [Signature]
Deputy Douglas County Attorney

**Omaha-Council Bluffs
Metropolitan Area Planning Agency
FY 2017 Unified Planning Work Program**

Final Draft May 2016



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MAPA FY 2017 Unified Planning Work Program

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Appendix I - MAPA FY 2017 UPWP Budget Table

Appendix II – MAPA Council of Officials, Board of Directors, and Transportation Technical Advisory Committee Membership

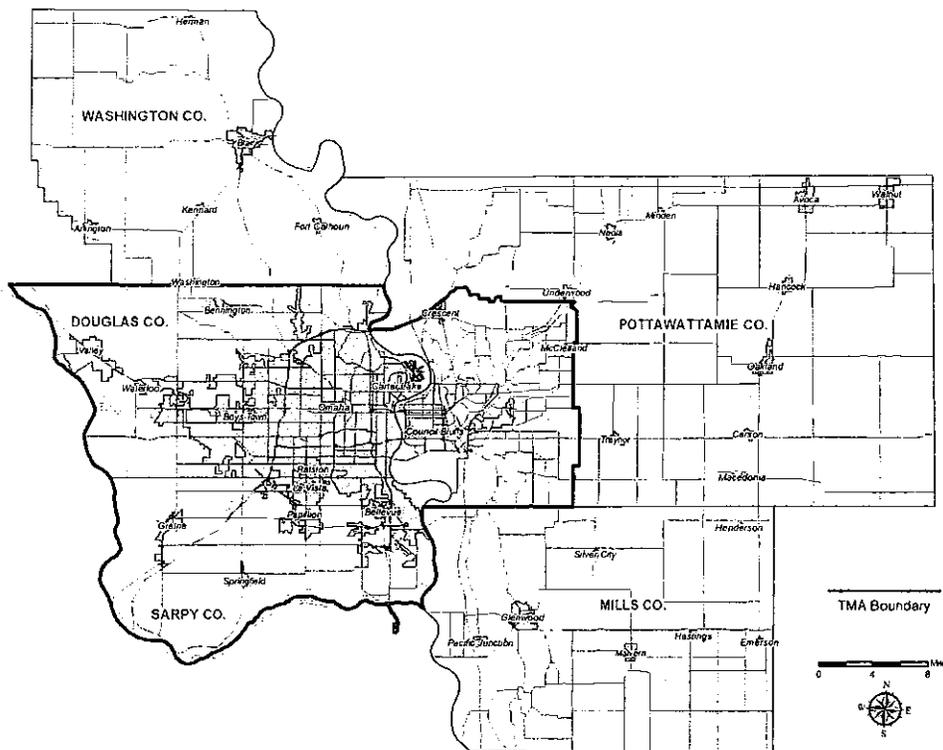
The preparation of this report was financed in part with funding from United States Department of Transportation (USDOT), administered by the Nebraska Department of Roads (NDOR) and Iowa Department of Transportation (Iowa DOT). The opinions, findings and conclusions expressed in this publication are those of the authors and do not necessarily represent USDOT, NDOR, and Iowa DOT.

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) 2017 which encompasses July 1, 2016 through June 30, 2017. 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-2016 MAPA began work on its next Long Range Transportation Plan update, **L RTP 2050**. The L RTP 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 L RTP 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 102nd 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.

In FY-2017 MAPA will place renewed emphasis on freight planning. Nebraska Department of Roads will develop a State Freight Plan and MAPA will coordinate 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 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, as well as several capacity improvements in the western part of Omaha (such as 156th Street near Blondo Street, 168th Street from West Center Road to Pacific Street, and 168th Street from Q Street to West Center Road). **Douglas County** is continuing work on a large project on 180th 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 County and a number of municipalities have also recently updated their Comprehensive Land Use Plans. MAPA is coordinating with the County on a Transit Study to propose short-, medium-, and long-range opportunities for public transit.

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 first quarter of FY 2017.

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 through FY 2017 or 2018.

MAPA will administer and update the region's FY 2017-2022 **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 2017. 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. In total, \$72,400 in additional matching funds from subrecipients are programmed for FY-17. This match will be applied to the Nebraska FHWA-PL grant, Iowa FHWA-PL grant and the Nebraska FTA grant as listed below and in Appendix One.

Subrecipient	Federal Funding	Required Match 20%	30% Match	Match Accrued	NIROC Project	Total Contract
Douglas Co. GIS	\$ 82,000	\$ 20,500	\$ 35,260	\$ 14,760	\$ -	\$ 117,260
Omaha P-Wks - Traffic Counting	63,000	15,750	27,090	11,340	-	90,090
Omaha Planning	60,000	15,000	25,800	10,800	-	85,800
Sarpy Co. Planning & GIS	65,000	16,250	27,950	11,700	-	92,950
NIROC Project	-	-	-	-	125,413	125,413
Nebraska PL Subtotal	\$ 270,000	\$ 67,500	\$ 116,100	\$ 48,600	\$ 125,413	\$ 511,513
Pott Co GIS (Iowa PL)	\$ 35,000	\$ 8,750	\$ 15,050	\$ 6,300	\$ -	\$ 50,050
NIROC Project	-	-	-	-	27,435	27,435
Iowa PL and FTA Subtotal	\$ 35,000	\$ 8,750	\$ 15,050	\$ 6,300	\$ 27,435	\$ 77,485
Metro Transit (FTA)	\$ 98,000	\$ 24,500	\$ 42,000	\$ 17,500	\$ -	\$ 140,000
NIROC Project	-	-	-	-	45,000	45,000
FTA Subtotal	\$ 98,000	\$ 24,500	\$ 42,000	\$ 17,500	\$ 45,000	\$ 185,000
Total	\$ 403,000	\$ 100,750	\$ 173,150	\$ 72,400	\$ 197,848	\$ 773,998

MAPA estimates that \$462,333 in nonfederal funds will be spent on the Nebraska-Iowa Regional Orthophotography Consortium (NIROC) aerial photography project. MAPA's FY 2017 budget identifies \$197,848 of the funding for this project will be counted as matching funds toward federal funds. \$125,413 of the match will be applied to Nebraska-PL funds, \$45,000 will be applied to Nebraska FTA funds. \$22,435 will be applied to Iowa FY-17 and carry-over Planning funds, and \$5,000 will be applied to Iowa FTA funds for a total of \$27,435 toward Iowa PL/FTA funds. These amounts are listed in the table above and in Appendix One.

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 additional federal funding 2 CFR 200.308(b) and FTA Circular 5010.0C, I.6.e(1)]	FHWA / FTA
Transfer of funds between categories, projects, functions, or activities which exceed 10 percent of total work program budget \$150,000 2 CFR 200.308(e)	FHWA / FTA
Revision of scope or objectives 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 third party (i.e. consultant) 2 CFR 200.308 (c) (6)	FHWA / FTA
Capital expenditures including equipment purchasing in excess of \$5,000 2CFR 200.439(a) (2) [OMB Circular A-87]]	FHWA / FTA
Transfer of funds between categories, projects, functions, or activities which do not exceed 10 percent of total work program budget or when federal award share of total work program budget exceeds \$150,000 2 CFR 200.308 (e)	State
Transfer of funds allotted for training allowances 2 CFR 200.308 (c) (5)	State
Extending (a onetime extension) period of performance past approved work program period up to 12 month 2 CFR 200.308 (d) (2)	MAPA
Changes in key persons in cases where specified in application or grant award (i.e. change in project's lead consultant) 2 CFR 200.308 (c) (2) & (3)	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.

FY-2017 WORK PROGRAM ACTIVITIES

The following pages detail the work activities that MAPA and contract subrecipients will undertake in FY 2017. These activities are divided into Forums (140-190), Transportation Planning (410-470), and Public Involvement / Information (810-840), and Administration (940-990).

Transportation Forums (140)

Objective

Provide a forum for coordination and cooperation between MAPA, agencies, organizations, and stakeholders involved and interested in planning, designing, maintaining, and providing transportation services.

Previous Work

- Conducted TTAC meetings
- Attended NDOR statewide MPO meetings
- Attended Iowa DOT MPO and RPA meetings

Work Activities

1. TTAC Meetings

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 typically 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: 280

2. NDOR Statewide MPO Meetings

The Nebraska MPOs meet to discuss transportation issues, activities, and coordination with NDOR both on a quarterly and annual basis. Estimated hours: 24

3. Iowa DOT MPO and RPA Meetings

The Iowa MPOs and RPAs meet to discuss transportation issues, activities, and coordination with the Iowa DOT on a quarterly basis. Estimated hours: 36

4. Travel Demand Model Meetings

MAPA will convene the Travel Model Advisory Committee (TMAC) with stakeholders to evaluate and refine the regional model. Staff members will participate in modeling meetings such as the Iowa DOT Midwest Travel Model Users Group (MTMUG). Estimated hours: 24

5. Regional GIS Users Group

Collaborate with other GIS and data users in the region for ongoing work that provides data for the transportation planning process. Estimated hours: 24

6. Project Review Committee

Maintain a Project Review Committee for the purpose of intergovernmental review and coordination in accordance with Executive Order 12372. Grant comments will be submitted to appropriate state and federal agencies. Estimated hours: 12

140 End Products		Schedule
1.	TTAC Meetings	Monthly
2.	NDOR Statewide MPO Meetings	Quarterly and Annually
3.	Iowa DOT MPO and RPA Meetings	Quarterly
4.	Travel Demand Model Meetings	As Needed
5.	Regional GIS Users Group	As Needed
6.	Project Review Committee	As Needed

140 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$20,242	400

Technical and Policy Education (170)

Objective

Provide ongoing technical and policy education for planning and research activities.

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 Regional Councils (IARC)
- Took part in FHWA / FTA webinars related to federal guidance and initiatives
- Attended 2015 / 2016 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: 876

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. Estimated hours: 240

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) and other relevant certifications and memberships. Estimated hours: 84

170 End Products		Schedule
1.	Technical and Policy Education Activities	Ongoing
2.	Related Association Participation (NROC, IARC, NARC, NADO, etc.)	Ongoing
3.	Professional Certifications and Memberships	Ongoing

170 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$60,007	1,200

Public Events and Workshops (180)

Objective

Provide and support public forums and workshops that identify and discuss timely topics or special subjects of regional significance.

Previous Work

- Conducted Coordinated Call Center summit in March 2015
- Organized Heartland 2050 infrastructure meetings in 2015 and 2016
- Held Heartland 2050 summit in winter 2016
- Conducted 2050 LRTP community outreach meetings
- Organized 2050 LRTP stakeholder workshops
- Coordinated public events with other planning related events

Work Activities

1. Public Events and Workshops

Provide technical and clerical staff support to sponsor, cosponsor, or develop public forums and workshops. Upcoming events include two summits in 2017 for Heartland 2050, as well as panel discussions. Estimated hours: 100

180 End Products		Schedule
1.	Public Events and Workshops	As Needed

180 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$4,770	100

MAPA Policy and Administrative Forums (190)

Objective

Maintain and coordinate policy and administrative forums. Work includes, but is not limited to, creating agendas / supporting materials and conducting meetings / communications with committee members.

Previous Work

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

Work Activities

1. Board of Directors Meetings

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: 650

2. Finance Committee Meetings

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: 650

3. Council of Officials Meetings

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: 870

190 End Products		Schedule
1.	Board of Directors Meetings	Monthly
2.	Finance Committee Meetings	Monthly
3.	Council of Officials Meetings	Quarterly

190 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$108,325	2,170

Short Range Planning (410)

Objective

Develop and refine the short-range transportation planning process. Develop and maintain the TIP. Collect and maintain data (such as land use, population, employment, housing, and traffic) to analyze trends and growth patterns. Utilize and coordinate GIS and aerial photography activities. Assist local jurisdictions in the programming, funding, and delivery of transportation improvements including projects like B-Cycle. Develop and maintain performance measures to track progress toward regional goals.

Previous Work

- Processed TIP amendments
- Refined criteria used in selection of projects for FY 2017 TIP
- Completed FY 2017 TIP
- Administered Project Selection Subcommittee (ProSe-Com) for Surface Transportation Program (STP) and TAP funded projects
- Provided transportation technical assistance to member cities and counties
- Developed GIS data in coordination with regional partners
- Prepared for 2016 NIROC
- Coordinated performance measures guidance
- Prepared for implementation of performance measures
- Completed traffic and crash reports
- Conducted numerous traffic data requests
- Reviewed and implemented FAST Act legislation and guidance
- Reviewed plats from member cities and counties to assess impacts of new developments on transportation system and LRTP implementation

MAPA Work Activities

1. TIP Development and Administration

Maintain and 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 1st. In addition, as performance measure final rulings per FACT ACT are issued these will be included in either the FY 18 TIP or the FY 19 TIP development. Estimated Hours: 657

2. 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. Estimated Hours: 121

3. Local / State Projects and Activities

MAPA staff members provide technical assistance to local and state jurisdictions for their 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. 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 be assisting city with the implementation of the B-cycle, but will not serve as the RC on this project. Estimated Hours: 277

4. Traffic Data Collection and Analysis

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. Develop factors to adjust traffic count data for seasonal and daily variation. Obtain data to review parameters for trip generation data, trip length, and vehicle occupancy for the regional travel model. Review and procure traffic counting and monitoring equipment as needed. Review pavement, traffic counts, and other roadway characteristics for NDOR's Highway Performance Monitoring System (HPMS) report. 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: 329

5. Growth Monitoring and Data Analysis

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: 190

6. GIS Activities

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. Estimated Hours: 1,315

7. NIROC Aerial Photography

Collaborate with partners to prepare and conduct the 2016 NIROC project to provide digital orthophotos and oblique imagery for communities within the region. Review aerial photography. Administer a contract with a consultant for the development of aerial photography and oblique imagery. Estimated Hours: 80

8. Performance Measures

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. Purchase data to support the performance measurement analyses and implementation. Estimated Hours: 173

9. Health and Safety Activities

MAPA will evaluate the relationship between transportation and impacts on public health. Participate in Health Impact Assessments (HIA) and related activities led by the Douglas County Health Department. Estimated Hours: 40

17. TAP Subcommittee (TAP-C)

The 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. Estimated Hours: 93

18. Omaha Active Transportation Activities

MAPA will assist the City of Omaha with active transportation planning activities such as serving as a regional liaison, bicycle / pedestrian data management, project development, and project delivery assistance. Estimated Hours: 87

19. ProSe-Com

The Project Selection Committee (ProSe-Com) will be convened to review and recommend federal-aid projects eligible for STP funds based on project selection criteria linking the TIP to the LRTP's goals. Estimated Hours: 98

Contracts and Subrecipient Work Activities

NIROC Aerial Photography Project (41007)

A consultant will undertake the 2016 NIROC project to acquire aerial photography for local, regional, and state agencies within the region. The project will include digital orthophotos and oblique imagery. The consultant will provide software training to participating jurisdictions. Software licenses are part of the agreement and will continue for three years after delivery of photos.

Douglas County GIS Activities (41010)

Douglas County will manage and maintain transportation-related assets through the Cityworks GIS-based program. These assets include streets, construction projects, curb ramps, bridges, maintenance areas, sidewalks, sewers, snow removal routes, pavement markings, parking meters, signs, traffic signals, street parking, alleys, and unimproved roads. Douglas County will create, maintain, and manage transportation-related GIS data and coordinate with MAPA on the development of a regional traffic count portal. In addition, Douglas County will design, develop, implement, and maintain various GIS web and mobile applications in support of transportation-related activities within the City of Omaha and Douglas County.

Omaha Public Works Traffic Counting (41011)

The City of Omaha Public Works Department will conduct traffic counting based on a three-year cycle following the industry's standard accepted practices. The goal is to systematically collect traffic volume data and turning movements for over 1,130 intersections every three years on average. The counts will be coordinated with MAPA and NDOR to support various tasks including long-range planning, crash analyses, signal timing, project-level analyses, and traffic data monitoring in the region. Funding will support staff time for traffic counting and analyses.

Omaha Planning Activities (41012)

The City of Omaha Planning Department will develop and refine the transportation planning process. Work activities will include, but are not limited to, the Midtown / Downtown BRT and Urban Circulator project, North Downtown pedestrian bridge, facilitation and development of parking management systems, development review for transportation planning, and Complete Streets Omaha. Other activities include coordination with MAPA and regional planning activities, as well as travel to events / conferences for technical and policy training. Funding will support staff time for the aforementioned activities.

Sarpy County Planning and GIS Activities (41013)

The Sarpy County Planning Department will conduct a Sarpy County Comprehensive Plan, development review,

and development regulations update in coordination with MAPA and the regional transportation planning process. Funding will support staff time for the aforementioned activities. Sarpy County will conduct a GIS program including creating, maintaining, and managing ongoing geospatial data. Sarpy County will accurately develop and maintain data sets and tools supporting transportation planning, modeling, analysis, and forecasting. Data sets will include, but not be limited to, streets, bridges, railways, trails, traffic counts, parcels, land use, environmental and physical features, and jurisdictional boundaries. Sarpy County will coordinate with MAPA on the development of a regional traffic count portal. Funding will support staff time for the aforementioned activities.

Pottawattamie County GIS Activities (41015)

Pottawattamie County will conduct a GIS program including creating, maintaining, and managing ongoing geospatial data. Pottawattamie County will accurately develop and maintain data sets and tools supporting transportation planning, modeling, analysis, and forecasting. Data sets will include, but not be limited to, streets, right-of-way, land records (lots, parcels, subdivisions, etc.), section corners, zoning, and annexations. Funding will support staff time for the aforementioned activities.

410 End Products for MAPA Work Activities		Schedule
1.	TIP Development and Administration (FY 2018-2023)	Spring 2017
2.	Transportation Funding Analysis	Ongoing
3.	Local / State Projects and Activities	Ongoing
4.	Traffic Data Collection and Analysis	Ongoing
5.	Growth Monitoring and Data Analysis	Ongoing
6.	GIS Activities	Ongoing
7.	NIROC Aerial Photography	Spring 2016 – Spring 2018
8.	Performance Measures	Fall 2018
9.	Health and Safety Activities	Ongoing
10.	ProSe-Com (FY 2018 TIP)	Fall 2016 - Winter 2017
11.	TAP-C (FY 2018 TIP)	Fall 2016 - Winter 2017
12.	Omaha Active Transportation Activities	Ongoing

410 Budget

MAPA Activities	<u>Total Cost</u> \$172,773	<u>Hours</u> 3,460
<u>Contracts and Subrecipients</u>	<u>Total Cost</u>	<u>Hours</u>
Metro Area Aerial Photography (Local)	\$462,233	9,240
Douglas County GIS Activities (NE-PL)	\$117,260	2,350
Omaha Public Works Traffic Counting (NE-PL)	\$90,090	1,800
Omaha Planning Activities (NE-PL)	\$85,800	1,720
Sarpy Co. Planning & GIS Activities (NE-PL)	\$92,950	1,860
Pottawattamie County GIS Activities (IA-PL)	\$50,050	1,000

Long Range Planning (420)

Objective

Conduct the long-range transportation planning process. Implement and maintain the regional LRTP. Develop medium and long-range growth forecasts / traffic simulations for the region. Create local and corridor-level planning studies. Support the development of Complete Streets and transportation activities recommended by the LRTP.

Previous Work

- Upgraded travel demand model using refined data and modeling processes from MTIS
- Refined travel demand model including transit model, freight, and network updates
- Refined long-range and intermediate allocations of population and employment through land use allocation model in Heartland 2050 project
- Continued Travel Improvement Study for region
- Completed Heartland Connections Regional Bicycle / Pedestrian Plan
- Worked on Metro Bike Safety Education project
- Convened multi-modal subcommittee
- Conducted outreach to freight and private sector representatives
- Assisted with local planning studies, including providing forecasts and data
- Worked on development of 2050 LRTP

MAPA Work Activities

1. LRTP Development and Administration

Develop 2050 LRTP to be adopted by June 2017. 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: 1,200

2. Long-Range Planning Activities and 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 / studies (such as MTIS, 420-10) and implementation of the Offutt Air Force Base Joint Land Use Study (JLUS), as well as other projects requiring coordination with cities, counties, states, utilities, and other stakeholders. Estimated Hours: 350

3. Travel Demand Modeling

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 144th Street. Participate in training activities for travel demand modeling. Purchase data, software, and licenses for travel demand modeling. Estimated Hours: 850

4. Population and Employment Forecasting

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. Hours: 200

5. LUUAM

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. Estimated Hours: 150

6. Bicycle / Pedestrian Planning Activities

Participate in bicycle / pedestrian planning activities for the region. Support implementation of the Complete Streets policy included in the LRTP. Assist with implementation of Heartland Connections Regional Bicycle / Pedestrian Plan. Serve as Administrator for the Metro Bicycle Safety Education project. Prepare and conduct sessions on multi-modal planning for the Transportation Summit, and potentially hold additional working group sessions. Estimated Hours: 180

7. Passenger Rail Planning Activities

Participate in passenger rail planning activities for the region. Support implementation of initiatives included in the LRTP. Participate in local / state planning work including the Iowa Passenger Rail Advisory Committee. Estimated Hours: 60

8. Freight and Goods Movement / Private Sector

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: 280

9. Heartland 2050

Heartland 2050's regional vision includes goals for transportation and future growth / development. Work activities include semi-annual implementation summits, committee administration, technical development, data analysis, progress monitoring, and outreach to the public / stakeholders. Priority initiatives will be identified in summer 2016. Subregional visioning workshops may be held. Marketing and public involvement activities include the development of brochures, websites, info-graphics, surveys, and citizen engagement events. As in element of the Heartland 2050 planning effort MAPA plans to conduct a call for projects that will use STP funding to fund planning projects that will implement key action steps from the Heartland 2050 plan. Estimated Hours: 4,200

11. Metro Area Travel Improvement Study

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 2017, MTIS is anticipated to move into 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: 400

12. Sarpy County Studies

A number of recent planning initiatives have been undertaken in Sarpy County, including municipal and county Comprehensive Plans, the Southern Ridge Sewer Study, and the Platteview Road Corridor Study. MAPA will ensure that future planning in the fast-growing Sarpy County region is coordinated with regional forecasts as part of the regional transportation planning process. MAPA staff will assist with the next phase of the Platteview Road Corridor planning. Estimated Hours: 280

Contracts and Subrecipient Work Activities

Platteview Road Corridor Analysis Phase 2 (42000)

This study will be the next phase of the Platteview Road Corridor Study completed in FY-16. This project will cover further planning along the eastern portion of the corridor, review potential grades and right-of-way, and identify a potential corridor in local planning processes.

Live Well Omaha Metro Bicycle Safety Education (42006)

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.

Heartland 2050 Community Planning "Mini Grant" Program (42009)

Conduct local / subregional planning projects through the Heartland 2050 project. Activities may include corridor / neighborhood studies, transit-oriented development (TOD) plans, and other transportation-related planning activities that embody the goals and strategies of the Heartland 2050 Vision.

Heartland 2050 Community Planning "Mini Grant" Program (42009)

The Heartland 2050 website will be updated to reflect the current state of the regional visioning project. The website will highlight best practices and include information for the committees and activities.

On-Call Modeling Assistance (42010)

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.

420 End Products for MAPA Work Activities		Schedule
1.	LRTP Development and Administration (2050 LRTP)	Fall - Winter 2017-2018
2.	Long-Range Planning Activities and Studies	Ongoing
3.	Travel Demand Modeling	Ongoing
4.	Population and Employment Forecasting	Ongoing
5.	LUUAM	Ongoing
6.	Bicycle / Pedestrian Planning Activities (Metro Bicycle Safety Education)	2016 - 2017
6.	Bicycle / Pedestrian Planning Activities (Regional Bicycle / Pedestrian Plan)	Ongoing
6.	Bicycle / Pedestrian Planning Activities (Multi-Modal Working Groups at Summits)	Semi-Annually
7.	Passenger Rail Planning Activities	Ongoing
8.	Freight and Goods Movement / Private Sector	Ongoing
9.	Heartland 2050	Ongoing
10.	MTIS	Ongoing
11.	Sarpy County Studies	December 2017
12.	Platteview Road Corridor Study Phase 2	December 2017

420 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$364,491	7,290

	<u>Total Cost</u>
Platteview Road Analysis Study (NE-PL)	\$250,000
Live Well Omaha Bike Education (TE)	\$112,500
Heartland 2050 Planning Mini Grants (STP)	\$350,000
Heartland 2050 Website Update (NE-PL)	\$ 25,000
On-Call Modeling Assistance (NE-PL)	\$ 25,000

Public Participation (430)

Objective

Conduct public involvement activities in accordance with the Public Participation Plan (PPP) to effectively and continuously engage public input for the transportation planning process.

Previous Work

- Updated and adopted PPP amendments
- Prepared 2016 annual PPP
- Conducted Title VI training
- Conducted LRTP community outreach meetings
- Conducted questionnaire for LRTP development
- Conducted outreach and engagement activities with underrepresented population
- Held Citizens Advisory Committee (CAC) meetings

MAPA Work Activities

1. Public Participation Plan (PPP)

The PPP update will begin in FY 2017 and be completed in FY 2018. 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. Public outreach activities will be conducted in compliance with state Open Meetings Acts. Title VI and environmental justice activities will be incorporated into the PPP process. An annual report documenting public participation activities conducted during the past year will be created. Estimated Hours: 240

4. Civil Rights / Title VI Plan

The Title VI Plan update will begin in FY 2017 and be completed in FY 2018. Until the update, the Title VI Plan will be modified as needed. Begin implementation of the Title VI Plan across all MAPA programs. 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

5. Citizen's Advisory Committee (CAC)

Convene the CAC to review and provide input for the LRTP, TIP, and other planning efforts. The CAC may provide recommendations to the TTAC regarding transportation goals and priorities in the region. Estimated Hours: 140

6. Public Involvement and Engagement Activities

Conduct public involvement and engagement efforts related to the transportation planning process. These activities will include issuing press releases and public notices, speaking to media, and utilizing website / social media. 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: 480

7. Citizen's Academy for Omaha's Future

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: 60

430 End Products		Schedule
1.	PPP (Maintenance and Revision)	Ongoing
1.	PPP (Annual Activities Report)	Annually
2.	Public Involvement and Engagement Activities	Ongoing
3.	Citizen's Academy for Omaha's Future	Semi-Annually
4.	Civil Rights / Title VI Plan	Ongoing
4.	Civil Rights / Title VI Plan (Annual DBE Goals)	2017
5.	CAC	Ongoing

430 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$50,850	1,020

Transit and Human Service Transportation (440)

Objective

Conduct and coordinate planning for mass transit and paratransit in the region.

Previous Work

- Worked with key stakeholders on development of Coordinated Call Center
- Coordinated with Metro Transit on development of Request for Proposals (RFP) for implementation of Coordinated Call Center
- Convened CTC
- Participated in central Omaha BRT design
- Completed transit study regarding feasibility of implementing transit in Sarpy County
- Received and recommended projects for Section 5310 funding
- Implemented Section 5310 funding grant process with NDOR and Iowa DOT
- Provided technical support for transit planning activities

MAPA Work Activities

1. 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. Activities may include surveys or studies to gather transit ridership and travel behavior data. Transit data or passenger counters may be purchased to facilitate public transit planning. Estimated Hours: 200

2. Coordinated Transit Committee (CTC)

Work with the CTC to coordinate transportation opportunities for the elderly, disabled, and economically disadvantaged including paratransit and human service transit. CTC will discuss and review any eligible New Freedom programs. Maintain and update the Coordinated Transit Plan (CTP). Coordinate with SWIPCO / Southwest Iowa Transit Agency (SWITA) on development of the Iowa Passenger Transportation Development Plan (PTDP) and amendments. Estimated Hours: 460

3. Sections 5310 and 5307 Funding

Perform administration, planning, procurement and monitoring activities as the FTA Designated Recipient for Section 5310 funding. This includes soliciting applications for the program, reviewing and prioritizing applications, selecting projects to be funded, submitting grant applications, and monitoring projects. If applicable, include Job Access Reverse Commute (JARC) projects under Section 5307 in the planning process, and administer grants as remaining funding allows. Estimated Hours: 1,000

4. Mobility Coordination

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. Implement the Coordinated Call Center for coordination of mobility services as part of the FTA Veterans Grant in collaboration with local and state agencies. Estimated Hours: 600

5. Central Omaha Transit Corridor Planning

Continue planning and project support along the Central Omaha transit corridor, including the Bus Rapid Transit projected funded through the US-DOT TIGER program and urban circulator / modern streetcar in downtown and midtown Omaha. Provide technical support, data, and modeling as needed.
 Estimated Hours: 80

11. Sarpy County Transit Study

MAPA and Sarpy County are conducting a study of future transit needs throughout the county. The study will identify likely transit options that could improve access, mobility, and linkages. Estimated Hours: 350

Contracts and Subrecipient Work Activities

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. JARC projects remain an eligible use of Section 5307 funding under MAP-21.

Mobility Coordination: One Call Center (44004)

Through the FTA VTCLI, MAPA will continue to develop a Coordinated Call Center 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.

Metro Transit Planning Activities (44006)

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.

Sarpy County Transit Study (44011)

A consulting team is working on a study of future transit needs throughout the county. The study will identify likely transit options that could improve access, mobility, and linkages.

440 End Products for MAPA Work Activities		Schedule
1.	Transit Planning Activities	Ongoing
2.	CTC	Ongoing
3.	Sections 5310 and 5307 Funding	Ongoing
4.	Mobility Coordination	Ongoing
5.	Central Omaha BRT / Urban Circulator	Fall 2018
11.	Sarpy County Transit Study	June 2017

440 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$150,470	3,010

<u>Contracts and Subrecipients</u>	<u>Total Cost</u>
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5310 – JARC Administration (5310)	\$845,000
Mobility Coordination: One Call Center (VTCLI)	\$400,000
Metro Transit Activities (FTA 5303)	\$140,000
Sarpy County Transit Study (Neb FTA C/O)	\$ 67,500

Air Quality / Environmental (450)

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
- Participated in Clean Cities, electric vehicle, ethanol, and other alternative fuel technology efforts

MAPA Work Activities

1. Rideshare / Travel Demand Management

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. Estimated Hours: 220

2. Air Quality Activities

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. Develop and implement the Little Step 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: 1,460

3. Environment and Energy 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. Estimated Hours: 840

Contracts and Subrecipient Work Activities

Rideshare / TDM Software (45001)

MAPA will coordinate and implement the regional Metro Rideshare program (metrorieshare.org) including purchasing equipment and developing a website.

Little Steps - Big Impact (45002)

The 2017 Little Steps - Big Impact ozone reduction campaign will focus education efforts on the small actions everyone can take to help reduce ground-level ozone and improve public health. Live Well Omaha will conduct a commuter challenge to increase alternative modes of transportation during the ozone season. Campaign goals

include reducing single-occupancy vehicle trips and increasing usage of bicycle, pedestrian, transit, and carpool modes. Little Steps - Big Impact will also raise awareness of alternative fuels (such as electric vehicles, CNG/LNG, fuel cells, and biofuels) that reduce emissions. Funding will support staff time for the aforementioned activities.

450 End Products for MAPA Work Activities		Schedule
1.	Rideshare / Travel Demand Management (Website Administration)	Ongoing
2.	Air Quality Activities (Little Steps - Big Impact)	2016 - 2017
2.	Air Quality Activities (Alternative Fuel Education)	Ongoing
2.	Air Quality Activities (Summit / Working Groups)	Annually
3.	NCEA / Iowa Efforts (Electric Vehicle Infrastructure Grants)	2016 - 2017

450 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$126,031	3,010
 <u>Contracts and Sub-recipients</u>		
	<u>Total Cost</u>	
Rideshare / Travel Demand Mgmt. (NE-PL)	\$ 13,810	
Little Steps – Big Impact (NE CMAQ)	\$320,400	

Note that the 460 – Iowa Regional Planning Affiliation (RPA-18) planning activities are described separately in the RPA-18 Transportation Planning Work Program (TPWP).

Congestion Management / Safety and Technology (470)

Objective

Monitor traffic congestion levels in the region through the CMP. Promote a safe and efficient transportation system through the development of management, operations, safety, and technological strategies / solutions.

Previous Work

- Coordinated travel time and delay data collection through multiple planning efforts
- Participated in Omaha / CBIS Traffic Incident Management (TIM) Committee
- Administered Metro Area Motorist Assist (MAMA) Program
- Maintained regional intelligent transportation system (ITS) architecture
- Reviewed crash data
- Coordinated with local / state jurisdictions on safety planning

Work Activities

1. 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. Prepare and conduct sessions on congestion for the Transportation Summit, and potentially hold additional working group sessions. Estimated Hours: 240

2. TIM / MAMA

Provide support to the Omaha / CBIS TIM Committee as they lead efforts to implement projects identified in the region's TIM operations manual. Coordinate and provide administrative support to the MAMA program operated by the Nebraska State Patrol. In this fiscal year, MAPA in coordination with the DOT's may update the regional TIM plan and associated grant activities. Estimated Hours: 240

3. Regional ITS Architecture

Maintain and update the regional ITS architecture. Ensure proposed ITS projects in the TIP are consistent with the regional ITS architecture. Estimated Hours: 60

4. Safety / Security Planning

Incorporate transportation safety / security planning into the planning process and the development of the LRTP, TIP, and PPP. Activities will include monitoring accident / security data, participating in safety / security programs, and cooperatively interacting with local jurisdictions and the public. Conduct studies to analyze crash locations and safety planning in the region. Coordinate with state Strategic Highway Safety Plans (SHSP). Prepare and conduct sessions on safety for the Transportation Summit, and potentially hold additional working group sessions. Estimated Hours: 40

5. Traffic Signals / Technology

Plan, monitor, and evaluate traffic signals and traffic technology-based solutions / strategies for the region. Implement the Omaha Traffic Signal Master Plan and Systems Engineering for Adaptive Traffic Signal Control (ATSC). Conduct local / regional plans and studies to coordinate traffic signals, technology, and infrastructure. Estimated Hours: 40

Contracts and Subrecipient Work Activities

Traffic Incident Management (TIM) Plan Update (47010)

Utilize grant funding (ATCMTD, HMEP, or other source) to update the regional TIM Plan in order to identify TIM measures, emergency plans and detour routes, procure incident management equipment, in coordination with TIM stakeholders in the metro area.

470 End Products		Schedule
1.	CMP	2016 - 2017
1.	CMP (Summit / Working Groups)	Annually
2.	TIM / MAMA / Plan Update	Ongoing / 2017
3.	Regional ITS Architecture	Ongoing
4.	Safety / Security Planning	Ongoing
4.	Safety / Security Planning (Summit / Working Groups)	Annually
5.	Traffic Signals / Technology	Ongoing

470 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$31,085	620
<u>Contracts and Sub-recipients</u>		
TIM Plan Update (ATCMTD / HMEP / Other)	\$80,000	

Publications (810)

Objective

Publicize MAPA activities and accomplishments to member jurisdictions, state and local officials, and the public.

Previous Work

- Published MAPA Newsletter every two months
- Published MAPA Annual Report
- Developed Regional Officials Director website

Work Activities

1. Newsletter

Develop, produce, and disseminate at least six issues of the "What's Happening for Community Leaders" newsletter. Electronic newsletters may also be developed. Estimated Hours: 400

2. Annual Report / Community Assistance Report

Develop, produce, and disseminate the MAPA Annual Report. Prepare and disseminate the Community Assistance Report. Estimated Hours: 260

3. Regional Officials Directory

Develop and maintain a website with a map-based listing of the elected and appointed public officials for the region. Estimated Hours: 160

4. Product Development

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. These products may be in hard copy or electronic format and will be made available to MAPA members, as well as the public and private sector. Estimated Hours: 220

810 End Products		Schedule
1.	Newsletter	Bi-Monthly
2.	Annual Report / Community Assistance Report	October 2017
3.	Regional Officials Directory (Update)	Spring 2018
4.	Product Development	Ongoing

810 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$52,205	1,040

Public Information and Communications (840)

Objective

Provide transportation-related data to public and private sector representatives.

Previous Work

- Provided the public with planning information including traffic counts and forecasts, as well as the TIP, LRTP, and Heartland 2050 documents
- Maintained and updated the MAPA website to provide timely information on MAPA planning and program activities

MAPA Work Activities

1. Transportation Information

Provide transportation data to the private sector and general public as necessary and available in accordance with the PPP. The information will include: current, intermediate, and long-range forecasted traffic volumes; current and forecasted socioeconomic data; and short-range / long-range transportation plan / program information. In coordination with Metro Transit, provide transit data and assistance to public bodies, the private sector, and general public as necessary and available. Estimated Hours: 300

2. Libraries

Collect and maintain acquisitions for MAPA's professional transportation and data libraries. Estimated Hours: 50

3. 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: 700

840 End Products for MAPA Work Activities		Schedule
1.	Transportation Information	Ongoing
2.	Libraries	Ongoing
3.	Websites / Social Media	Ongoing

840 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$52,535	1,050

Transportation Administration (940)

Objective

Provide for efficient administration of MAPA's transportation programs.

Previous Work

- Maintained and updated UPWP
- Developed FY 2017 UPWP
- Developed contracts and the Memorandum of Agreement (MOA) for programs, projects, and activities
- Reviewed federal Certification Review Action Plan
- Developed and executed PL Agreements with Nebraska and Iowa

Work Activities

1. Program Administration

Provide oversight and administrative support for MAPA transportation and data staff activities. Estimated Hours: 900

2. Contracts

Develop proposals, negotiate contracts for programs, and provide contract activity monitoring / reporting. Estimated Hours: 60

3. UPWP

Develop and maintain the FY 2017 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: 290

4. 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: 20

5. Certification Review Action Plan

Implement the federal Certification Review Action Plan for MAPA's processes and programs. Review progress and revise activities on an ongoing basis. Estimated Hours: 20

940 End Products		Schedule
1.	Program Administration	Ongoing
2.	Contracts	Ongoing
3.	UPWP	Ongoing
4.	Agreements	Ongoing
5.	Certification Review Action Plan	Ongoing

940 Budget

	<u>Total Cost</u>	<u>Hours</u>
MAPA Activities	\$64,410	1,290

Finance and Operations Activities - Indirect (970,980,990)

970: Employee Benefit Administration

Provide management of agency benefits, retirement, and health / life insurance program.

980: Fiscal Management

Develop the annual budget and cost allocation plan. Track revenues and expenditures. Prepare invoices. Assist with the annual audit and other fiscal activities.

990: General Administration

Undertake administrative activities including personnel activities, computer / technology support, and clerical support.

Appendix I: MAPA Draft FY - 2017 UPWP Budget Table

Work Activity	FHWA PL				FTA 5303/5304/5305				RPA-18	Neb STP	Iowa STP	ATCMTD HMEP	FTA Veterans VTCLI	FTA JARCINF	FTA 5310	Neb CMAQ	Aerial Photography	Total Transportation Funding	Hours
	Neb FY-17	Neb CIG	Iowa FY-17	Iowa CIG	Neb FY-17	Neb CO	Iowa FY-17	Iowa SPR & 5311											
MAPA Activities																			
140 Transportation Forums	\$ 12,322	\$ -	\$ 1,620	\$ 1,000	\$ 5,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,242	400
170 Technical and Policy Education	29,275	-	10,542	7,210	12,980	-	-	-	-	-	-	-	-	-	-	-	-	60,007	1,200
180 Public Events and Workshops	3,720	-	150	150	750	-	-	-	-	-	-	-	-	-	-	-	-	4,770	100
190 MAPA Policy Administrative Forums	61,150	7,500	6,850	4,125	28,700	-	-	-	-	-	-	-	-	-	-	-	-	108,325	2,170
410 Short-Range Planning	93,160	12,500	9,960	5,400	37,050	-	14,703	-	-	-	-	-	-	-	-	-	-	172,773	3,460
420 Long-Range Planning	203,049	38,877	21,665	12,700	82,500	-	14,700	-	-	-	-	-	-	-	-	-	-	373,491	7,470
430 Public Participation	34,250	-	2,850	1,750	12,000	-	-	-	-	-	-	-	-	-	-	-	-	50,850	1,020
440 Transit/Human Service Transportation	6,070	-	550	350	32,800	-	5,200	-	-	-	-	-	37,500	-	68,000	-	-	150,470	3,010
450 Air Quality Environmental	24,481	-	2,900	1,750	6,050	-	-	-	-	-	-	-	-	-	-	-	-	126,031	2,520
460 Iowa Regional Planning Affiliation-18	-	-	-	-	-	-	-	79,035	-	-	-	-	-	-	-	90,850	-	79,035	1,580
470 Congestion MGMT/ Safety & Technology	20,095	-	1,970	1,200	7,820	-	-	-	-	-	-	-	-	-	-	-	-	31,085	620
810 Publications	33,410	-	3,245	2,000	13,550	-	-	-	-	-	-	-	-	-	-	-	-	52,205	1,040
840 Public Information and Communications	33,460	-	3,600	2,200	13,275	-	-	-	-	-	-	-	-	-	-	-	-	52,535	1,050
940 Transportation Administration	35,710	-	5,800	3,400	15,700	-	3,800	-	-	-	-	-	-	-	-	-	-	64,410	1,290
Subtotal MAPA Activities	\$ 590,152	\$ 58,877	\$ 71,702	\$ 43,235	\$ 268,475	\$ -	\$ 38,403	\$ 79,035	\$ -	\$ -	\$ -	\$ -	\$ 37,500	\$ -	\$ 68,000	\$ 90,850	\$ -	\$ 1,346,229	26,920
Contracts and Subrecipients																			
41007 - Metro Area Aerial Photography	\$ 110,694	\$ 14,719	\$ 11,626	\$ 10,809	\$ 45,000	\$ -	\$ 5,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 264,385	\$ 462,233	9,240
41010 - Douglas County GIS Activities	117,260	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	117,260	2,350
41011 - Omaha Public Works Traffic Counting	90,090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	90,090	1,800
41012 - Omaha Planning Activities	85,800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85,800	1,720
41013 - Sarpy County Planning & GIS Activities	92,950	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92,950	1,860
41015 - Pottawattamie County GIS Activities	-	-	50,050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50,050	1,000
42000 - Platteview Road Corridor Analysis Phase 2	250,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	250,000	2,080
42006 - Live Well Omaha Bike Education	-	-	-	-	-	-	-	-	112,500	-	-	-	-	-	-	-	-	112,500	2,250
42009 -H2050 Mini Grants	-	-	-	-	-	-	-	-	250,000	100,000	-	-	-	-	-	-	-	350,000	7,000
42009 -H2050 Website	16,900	-	2,750	-	6,250	-	-	-	-	-	-	-	-	-	-	-	-	25,000	250
42010 -On-Call Modeling	25,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000	500
44003 - 5310 - JARC Administration	-	-	-	-	-	-	-	-	-	-	-	-	-	125,000	720,000	-	-	845,000	16,900
44004 - Mobility Coordination	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	400,000	8,000
44006 - Metro Transit Activities	-	-	-	-	140,000	-	-	-	-	-	-	-	-	-	-	-	-	140,000	2,800
44011 - Sarpy County Transit Study	-	-	-	-	-	-	-	67,500	-	-	-	-	-	-	-	-	-	67,500	1,350
45001 - Rideshare / Travel Demand Management	13,810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13,810	280
45002 - Little Steps Big Impact Air Quality Project	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	320,400	6,410
47001 - TIM Plan Update	-	-	-	-	-	-	-	-	-	-	-	-	-	-	320,400	-	-	80,000	1,600
Subtotal Contracts and Subrecipients	\$ 801,604	\$ 14,719	\$ 64,426	\$ 10,809	\$ 191,250	\$ 67,500	\$ 5,000	\$ -	\$ 362,500	\$ 100,000	\$ 80,000	\$ 400,000	\$ 125,000	\$ 720,000	\$ 320,400	\$ 264,385	\$ 3,527,593	67,390	
Total	\$ 1,391,756	\$ 73,596	\$ 136,128	\$ 54,044	\$ 459,725	\$ 67,500	\$ 43,403	\$ 79,035	\$ 362,500	\$ 100,000	\$ 80,000	\$ 437,500	\$ 125,000	\$ 788,000	\$ 411,250	\$ 264,385	\$ 4,873,822	94,310	
Total Hours	27,840	1,470	2,720	1,080	9,190	1,350	870	1,580	7,250	2,000	1,600	8,750	2,500	15,760	8,230	5,290	97,480		
Funding Sources																			
Federal	\$ 979,962	\$ 58,877	\$ 106,702	\$ 43,235	\$ 362,780	\$ 54,000	\$ 34,722	\$ 63,228	\$ 290,000	\$ 80,000	\$ 64,000	\$ 330,000	\$ 100,000	\$ 618,000	\$ 329,000	\$ -	\$ -	\$ 3,514,506	
Federal %	70%	80%	78%	80%	79%	80%	80%	80%	80%	80%	80%	75%	80%	78%	80%	0%	0%	72%	
Match Funding																			
In-kind	\$ 116,100	\$ -	\$ 15,050	\$ -	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 25,000	\$ 170,000	\$ 9,000	\$ -	\$ -	\$ 477,150	
Aerial Photography	110,694	14,719	11,626	10,809	45,000	-	5,000	-	-	-	-	-	-	-	-	-	-	197,848	
Pott Co Master Plan	-	-	-	-	-	-	-	12,000	-	-	-	-	-	-	-	-	-	12,000	
State	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Local Cash	185,000	-	2,750	-	9,945	13,500	3,681	3,807	72,500	20,000	16,000	7,500	-	-	73,250	264,385	672,318		
Subtotal Match	\$ 411,794	\$ 14,719	\$ 29,426	\$ 10,809	\$ 96,945	\$ 13,500	\$ 8,681	\$ 15,807	\$ 72,500	\$ 20,000	\$ 16,000	\$ 107,500	\$ 25,000	\$ 170,000	\$ 82,250	\$ 264,385	\$ 1,359,316		
Match %	30%	20%	22%	20%	21%	20%	20%	20%	20%	20%	20%	25%	20%	22%	20%	100%	28%		

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)

CLARE DUDA (representing Board Chairman Mary Ann Borgeson)
 GORDON MUELLER, Mayor
 JOHN MOLLISON (representing Board Chairman Rev. Steven Boes)
 JEAN STOTHERT, Mayor
 RICH PAHLS, City Councilmember
 RICH ONKEN (representing Mayor Don Groesser)
 JOAN SUHR (representing Mayor Carroll Smith)
 STAN BENKE, Village Board Chairman

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

PRESIDENT

TOM RICHARDS (representing Board Chairman Brenda Carlisle)
 RITA SANDERS, Mayor
 JEFF KOOISTRA (representing Mayor Jim Timmerman)
 DOUG KINDIG, Mayor
 DAVID BLACK, Mayor
 MIKE DILL, Mayor

WASHINGTON COUNTY (20,234)

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

ERNEST ABARIOTES, Supervisor (representing Board Chairman Jeff Quist)
 TOM BROWN, Village Board Chairman
 JIM REALPH, Mayor
 DAVID GENOWAYS (representing Mayor Mitch Robinson)
 THOMAS KEGLER, Village Board Chairman
 GEORGE PEARSON, Village Board Chairman
 LOUIS KOLOGENSKI, Board of Trustees

IOWA

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

VICE PRESIDENT

RON KOHN, Board Chairman
 ROB ERICKSON, Mayor
 KIM CLARK, Mayor
 RODNEY COURTIER, Mayor
 MICHAEL BAUMFALK, Mayor
 MICHAEL BLACKBURN, Mayor
 ANDY YOUNG, Mayor
 GARY FRANKFORTER, Mayor

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)

TOM HANAFAN (representing Board Chairman Scott Belt)
 JENNIE MAASSEN, Mayor
 ERIC WEUVE, Mayor
 GERALD WALTRIP, Mayor
 MATTHEW WALSH, Mayor
 BRIAN SHEA, Mayor
 JEFF GRESS, Mayor
 EILEEN ADICKES, Mayor
 EMMET DOFNER, Mayor
 RICHARD ARMSTRONG, Mayor
 SCOTT BROOKS, 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
Millard Suburban Fire District

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

NINA WOLFORD, Board President
DAN SMITH (representing Board President John Dalton)
MARY ANN BRAGG, Board Chairman
MARK SHEPARD, Superintendent
BARRY DEUEL, Board Chairman
RANDY PASH, Board Chairman
AMY HAASE, Board Chairman
SCOTT KEEP (representing Board Chairman Amy Lindsay)
RON HUG (representing Board Chairman Linda McDermitt)
DR. JIM SUTFIN, Superintendent
KEVIN EDWARDS, Fire Chief (representing Board President Jennifer Nienaber)
DAVID ROTH (representing Board Chairman Eric Butler)
JENNIFER TAYLOR, Board Chairman
ANNA NUBEL, Board Chairman
TOM RICHARDS (representing Board Chairman NP (Sandy) Dodge)
ANDREW RIKLI, Superintendent
FRED CONLEY, Board Chairman
MERRILL SARGENT, Board Chairman
LINDA RICHARDS, Board President
BOB CARLSON, Board President

MAPA Board of Directors

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

MAPA Transportation Technical Advisory Committee (TTAC)

TTAC Voting Members

Bellevue Planning	VICE CHAIRMAN	CHRIS SHEWCHUK
Bellevue Public Works		JEFF ROBERTS
Cass County Board of Commissioners		JANET MCCARTNEY
Council Bluffs Planning		DON GROSS
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		TODD PFITZER
Omaha Planning		DEREK MILLER
Omaha Public Works Director		ROBERT STUBBE
Papillion Planning		MARK STURSMAN
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 YOUELL
Olsson Associates	MIKE PIERNICKY
Parsons Brinckerhoff	KARL FREDRICKSON
The Schemmer Associates, Inc	TODD COCHRAN
The Schemmer Associates, Inc	CHARLES HUDDLESTON



Agreement No.	VL1603
Funding Period & Fiscal year	July 1, 2016 through June 30, 2017 FY2017
Agreement Amount	\$1,298,549

PROGRAM AGREEMENT FEDERAL PLANNING FUNDS METROPOLITAN PLANNING ORGANIZATIONS

MPO, MAPA
STATE OF NEBRASKA, DEPARTMENT OF ROADS
PROJECT NO. PL-1 (54) STATE CONTROL NO. CN00956A
FY 2017 PLANNING (PL) AGREEMENT

THIS AGREEMENT is between the MPO Omaha-Council Bluffs Metropolitan Area Planning Agency (MAPA), who is a Metropolitan Planning Organization ("MPO"), and the State of Nebraska, Department of Roads ("State"), collectively referred to as "Parties".

WITNESSETH:

WHEREAS, federal law requires that MPO establish and maintain a continuing, comprehensive transportation planning process in cooperation with state and local governments in urban areas of over 50,000 population, and

WHEREAS, MPO has established and maintains a planning process that complies with federal law, and

WHEREAS, there are Federal-aid Planning Funds (PL Funds or PL Funding) available to provide pro-rata reimbursement to MPO for its Eligible Planning Activities, and

WHEREAS, MPO has been designated as the recipient agency for the CITY Omaha-Council Bluffs, metropolitan area for PL Funds, and

WHEREAS, Federal law provides that State will be a representative for the Federal Highway Administration (FHWA) in reviewing requests for reimbursement of MPO Eligible Planning Activities, and that reimbursements will be made through State, and

WHEREAS, MPO has developed and submitted a Unified Planning Work Program document ("UPWP") which is attached hereto as **Exhibit "A"**; it has been reviewed and approved by FHWA, and

WHEREAS, this Agreement applies only to the part of MPO's UPWP Eligible Planning Activities overseen by FHWA, and

WHEREAS, this Agreement governs the reimbursement of Eligible Planning Activities conducted between July 1, 2016, and June 30, 2017, and

WHEREAS, for this Agreement, if a non-federal entity expends \$750,000 or more in total federal awards in a fiscal year, must be addressed as explained further in this Agreement, and

WHEREAS, the total cost reimbursable under this Agreement is currently estimated to be \$1,298,549 the federal share is estimated to be \$1,038,839 and MPO's share is estimated to be \$259,710 and

WHEREAS, MPO's UPWP has been approved and MPO desires to incur costs for eligible tasks and activities that will be reimbursed with PL Funds under the designation of Project No. PL-1 (54), and has authorized the MAPA Executive Director as evidenced by the Resolution attached as **Exhibit "B"**.

NOW THEREFORE, in consideration of these facts, MPO and State agree as follows:

SECTION 1. DEFINITIONS

WHEREVER in this Master Agreement the following terms are used, they mean the following:

"CFDA" means Catalog of Federal Domestic Assistance.

"CFR" means the Code of Federal Regulations.

"ELIGIBLE PLANNING ACTIVITIES" means tasks or activities performed by MPO or its consultants, subconsultants, agents, or representatives which are eligible for reimbursement with PL Funds and that have been identified in MPO's approved UPWP.

"FHWA" means the Federal Highway Administration, United States Department of Transportation, Washington, D.C. 20590, acting through its authorized representatives.

"MPO" means a Metropolitan Planning Organization qualified under federal law.

"NEB. REV. STAT" means the Nebraska Revised Statutes as set forth in Nebraska law.

"OMB" means the Federal Office of Management and Budget.

“RESPONSIBLE CHARGE” or “RC” means the employee of MPO or of a city/county within MPO, or elected official of a city/county within MPO, who has been empowered by MPO to represent MPO on planning issues and has actual day-to-day working knowledge and responsibility for significant aspects of MPO’s planning program and process. The RC works regularly with planning issues and is MPO’s point-of-contact for planning activities. Responsible charge does not mean merely delegating the various tasks; it means active day-to-day involvement in identifying options, working directly with stakeholders, making decisions, and actively monitoring the planning activities. It is understood that RC may delegate or contract certain technical tasks associated with the planning activities so long as RC actively manages and represents MPO’s interests in the delegated technical tasks.

“UNIFIED PLANNING WORK PROGRAM (UPWP)” means a document of transportation planning activities performed within the metropolitan planning areas, or urbanized areas with populations of 50,000 or more. The UPWP describes planning activities to be completed, estimates the cost for the planning activities, and indicates the lead agency. Transportation activities to design and build transportation infrastructure are usually not included in the UPWP; however all federally funded studies should be included in the UPWP. This Agreement applies only to the part of MPO’s UPWP related to highway, road, street or other planning activities overseen by FHWA. This Agreement does not apply to transit planning activities of MPO’s UPWP overseen by the Federal Transit Administration. State and MPO will enter into a separate agreement for reimbursement of transit planning activities.

“STATE” means the Nebraska Department of Roads in Lincoln, Nebraska, its Director, or authorized representative. State is a funding liaison between MPO and the United States.

SECTION 2. DURATION OF THIS AGREEMENT (specific to PL agreements)

- 2.1 **Effective Date** – This Agreement is binding on the date it is fully executed by the Parties.
- 2.2 **Identifying Date** – For convenience, this Agreement’s identifying date will be the date State signed the agreement.
- 2.3 **Duration** – The benefits and obligations of this Agreement, though binding when signed, are operative for activities beginning July 1, 2016, and ending June 30, 2017, and will conclude or become inactive upon the happening of either (1) the final completion of an audit review by State or its authorized representative and the resolution of all issues identified in the audit report, (2) the waiver of an audit review, or (3) termination of this Agreement.

SECTION 3. PURPOSE OF AGREEMENT AND RESPONSIBILITIES OF THE PARTIES

3.1 **WHEREAS**, MPO desires that MPO's attached UPWP, as evidenced by **Exhibit "A"** be developed under the designation of Project No. PL-1 (54), as evidenced by MPO's Board of Directors' approval as outlined in **Exhibit "B"**, and has authorized the MAPA Executive Director to sign this Agreement, as evidenced by the Resolution, attached as **Exhibit 'B'** and incorporated herein by this reference.

3.3 Purpose

MPO wishes to be reimbursed with PL Funds for Eligible Planning Activities. MPO understands that FHWA will not provide funding directly to MPO; but will provide reimbursement by State with Federal funds for Eligible Planning Activities. State, pursuant to Neb. Rev. Stat. § 39-1305, will act under this Agreement as a steward of federal funds and as a liaison between MPO and FHWA. The purpose of this Agreement is to set forth the understanding of MPO and State concerning their respective duties to enable the planning activities to be eligible for federal-aid funding. Under this Agreement, MPO shall continue to have all duties concerning any aspect of the planning processes. Nothing in this Agreement shall be construed to create any duty of State to MPO concerning such matters. In the event that State or FHWA find that the planning activities are ineligible for PL Funding, MPO will repay State all previously paid federal funds, as determined by State, and any costs or expenses State has incurred under this Agreement. MPO further agrees that MPO shall have no claim or right of action against State under this Agreement if FHWA determines that planning activities are not eligible in whole or in part, for Federal-aid funding. The following sections of this Agreement include the eligibility requirements and other conditions State believes in good faith that MPO must meet for MPO to be reimbursed with PL Funding. MPO acknowledges that many conditions must be met by MPO in order to receive Federal-aid reimbursement. MPO agrees to develop its UPWP in an effort to meet all federal eligibility requirements so the planning activities may be determined eligible for PL Funding.

3.4 MPO RESPONSIBILITIES

- 3.4.1 MPO shall meet all federal transportation planning requirements and shall select and manage necessary committees and staff, and consult, collaborate and coordinate with State to accomplish the Eligible Planning Activities.
- 3.4.2 MPO shall select qualified personnel as needed to complete the Eligible Planning Activities, and oversee any consultants selected to perform such activities. MPO

shall submit to State a listing of all qualified personnel that may be selected or assigned to the work contemplated therein prior to submitting the first invoice to State. Said listing shall indicate each person's job title or classification, qualifications, and salary range. MPO may make occasional temporary changes to qualified personnel. However, MPO shall submit an updated list to reflect permanent changes to qualified personnel.

- 3.4.3 MPO, when choosing to use a consultant to complete Eligible Planning Activities under this Agreement, shall follow all guidelines and requirements outlined in State's LPA Guidelines Manual for Federal Aid Projects ("LPA Guidelines Manual") in regard to the method of procurement, evaluation, selection, and contract types. The selected consultant must be certified to provide Transportation Planning Services by State. MPO shall be responsible to determine that the consultant is qualified to provide the expertise and experienced personnel to accomplish the required work product. Price cannot be a selection factor when hiring for professional engineering or architectural services. MPO shall follow any applicable requirements including, but not limited to, requirements defined in Chapter 4 of LPA Guidelines Manual.
- 3.4.4 MPO shall arrange for and conduct meetings and conferences to review working details and make presentations to the principals, participants and other interested groups and bodies as will best promote and effect cooperation, coordination and understanding in the UPWP.
- 3.4.5 MPO shall obtain written approval from State and FHWA when, after consultation with State, MPO determines that amendments to the UPWP are necessary. MPO shall obtain written concurrence from State when, after consultation with State, MPO determines that administrative modifications to the UPWP are necessary.
- 3.4.6 MPO shall only seek reimbursement for actual costs incurred for Eligible Planning Activities. The salaries and expenses of the Chair of the MAPA Board of Directors will not be reimbursed as an Eligible Planning Activity.
- 3.4.7 MPO shall submit accurate and complete invoices in accordance with SECTION 8. FINANCIAL RESPONSIBILITY of this Agreement, and shall provide additional documentation when requested by State. MPO shall be solely responsible for all costs not reimbursed under this Agreement.

3.4.8 MPO shall keep signed time records detailing time spent on Eligible Planning Activities, including the date and hours worked. When requested by State, MPO shall submit time records to State.

3.4.9 MPO agrees that it is ultimately responsible for complying with all Federal and State requirements and policies applicable to Federal-aid planning activities. MPO understands that failure to meet any eligibility requirements for PL Funding may result in the loss of all PL Funds. In the event that the acts or omissions of the RC, MPO or its agents or representatives result in a finding that planning activities are ineligible for PL Funds, MPO will repay State all previously paid PL Funds, as determined by State, including but not limited to, any costs reimbursed for the time and expenses of the RC.

3.5 STATE RESPONSIBILITIES

3.5.1 Complete the duties assigned to State in this Agreement.

3.5.2 Determine and notify MPO of the estimate of PL Funding availability, including carry-over and annual allocation target.

3.5.3 Provide technical assistance to MPO regarding PL Funding eligibility issues, when requested by MPO.

3.5.4 Verify all invoices submitted by MPO are complete, accurate, and represent actual costs for Eligible Planning Activities.

3.5.5 Pay MPO the federal share of the actual costs of Eligible Planning Activities as reflected on an approved invoice.

3.5.6 Bill and collect from MPO any previously paid funds determined to be ineligible by FHWA.

3.6 PARTIES RESPONSIBILITY

3.6.1 Parties agree to cooperatively review and adjust, when necessary, the scope, schedules, funding, priorities, or staffing of MPO's work to make sure the UPWP needs and goals are accomplished by MPO in accordance with the federal requirements for use of PL Funds.

3.6.2 Parties will supplement this Agreement to reflect any changes necessary to accomplish 3.6.1, with advance approval of the Federal Highway Administration.

SECTION 4. RESPONSIBLE CHARGE (RC) REQUIREMENTS

- 4.1 MPO hereby designates Mike Helgerson as the RC for the Eligible Planning Activities.
- 4.2 Duties and Assurances of MPO concerning its designated RC for the Eligible Planning Activities.
 - 4.2.1 MPO understands the duties and responsibilities of MPO and RC as outlined in the LPA Guidelines Manual.
 - 4.2.2 MPO has authorized and fully empowered the RC to be responsible for day-to-day Eligible Planning Activities; this requirement does not mean merely supervising, overseeing or delegating various tasks, it means active day-to-day involvement in the Eligible Planning Activities including identifying issues, investigating options, working directly with stakeholders, and decision making.
 - 4.2.3 The RC is a full-time public employee or elected official of MPO, or a full-time employee of another entity as defined in "Public Employee" above.
 - 4.2.4 MPO agrees to take all necessary actions and make its best good faith efforts to ensure the RC's work meets the same standards that State must meet under federal law.
 - 4.2.5 If, for whatever reason, the designated RC is no longer assigned to the Eligible Planning Activities, MPO shall, within one day or sooner if possible, notify verbally and in writing State's Highway Planning Manager; after such notification MPO shall replace the RC no later than thirty (30) calendar days or sooner if possible. With advance written approval by State, MPO may use a Provisional RC in accordance with State's Provisional RC Policy.

SECTION 5. FEDERAL AID PROJECT REQUIREMENTS

- 5.1 MPO agrees to comply with all Federal-aid procedures and requirements applicable to this Agreement, including federal laws, and when applicable, state and local laws, and the LPA Guidelines Manual.
- 5.2 **The Applicable Legal and Contract Requirements.**
 - 5.2.1 **Title 23 U.S.C., and 23 CFR,** – The primary provisions of law applicable to this Agreement are generally found in 23 U.S.C. Section 134; and 23 CFR Part 420, subpart A, and Part 450, subpart C.

5.2.2 LPA Guidelines Manual - MPO also agrees to comply with applicable provisions of the LPA Guidelines Manual for Federal Aid Projects, which is incorporated herein by this reference. The LPA Guidelines Manual is a document drafted in part, and formally approved, by FHWA as a document setting out requirements for LPA's or MPO's Eligible Planning Activities funded with PL Funds. A current version of the LPA Guidelines Manual can be found in its entirety at the following internet address: <http://www.transportation.nebraska.gov/gov-aff/lpa-guide-man.html>. In the event MPO believes that the LPA Guidelines Manual doesn't clearly address a particular aspect of the planning activities work, MPO shall seek guidance or clarification from State's Local Project Section Engineer or State's Highway Planning Manager, and shall make its best effort to comply with such guidelines or clarification.

5.3 Loss of Funding. In order for MPO to receive federal funds for any part of the Eligible Planning Activities under this Agreement, MPO shall perform the services for all aspects of the Eligible Planning Activities, according to federal procedures and requirements. Although federal funds may be allocated to the Eligible Planning Activities, all or certain such activities may become ineligible for federal funds, if federal procedures and requirements are not met.

SECTION 6. SUSPENSION OR TERMINATION

State may suspend or terminate this Agreement in the event federal funds are not available, for any reason, to make reimbursements under this Agreement.

SECTION 7. FEDERAL AUDIT REQUIREMENT

7.1 The funding for the Eligible Planning Activities under this Agreement includes federal monies from the FHWA. According to the Single Audit Act Amendments of 1996 and the implementing regulations contained in 2 CFR, Subtitle A, Chapter 2, Part 200, Subpart F (hereinafter Part 200), the Part 200 Audit is required if the non-federal entity expends \$750,000 or more in total federal awards in a fiscal year. Non-federal entity means state and local governments and non-profit organizations.

7.2 MPO shall comply with the Single Audit mandate as described in Section 7.1. Any federal funds for MPO Eligible Planning Activities paid directly to contractors or consultants by State, on behalf of MPO, will be reported on State's schedule of expenditures of federal awards (SEFA) and need not be reported by MPO (as per FHWA's February 16, 2012, letter and State's February 24, 2012, letter). If a Part 200

audit is necessary, the expenditures related to the federal funds expended for the Eligible Planning Activities should be shown in the report's Schedule of Expenditures of the Federal Awards (SEFA).

7.3 If necessary, the Federal award information needed for the SEFA includes:

Federal Grantor: U.S. Department of Transportation – Federal Highway Administration

Pass-Through Grantor: Nebraska Department of Roads

Program Title: Highway Planning and Construction (Federal-Aid Highway Program)

CFDA Number: 20.205

Project Number: PL-1 (54)

7.4 If a Part 200 Audit is submitted by MPO, MPO shall notify the Nebraska Department of Roads, Highway Audits Manager, at P.O. Box 94759, Lincoln, NE 68509-4759 when the audit reporting package and the data collection form have been submitted to the Federal Audit Clearinghouse (FAC) website.

SECTION 8. FINANCIAL RESPONSIBILITY

8.1 TOTAL COSTS AND FUNDING COMMITMENTS

The total cost of the Eligible Planning Activities is \$1,298,549 as set out in the table below. The federal share \$1,038,839 is the sum of the carryover PL Funds from the last Fiscal Year \$58,877 and PL Funds from the upcoming Fiscal Year \$979,962. The amount of new and carryover PL Funds are estimated based on information available at the time of the agreement and are subject to change. The availability of the PL Funds is based on the continuation of existing funding levels. MPO has earmarked and has placed in its fiscal budget at least the amount of the local match. MPO's share may include both in kind services and a local match. The in-kind services for these Eligible Planning Activities are estimated to be ~~\$226,794.~~

* 241,513.



Changed in-kind dollar amount to agree with table

ESTIMATED FUNDING				
	Federal	Local Match	Non-MPO local Match	Total
Recipient (Agreement)				
MAPA VL1503, Carryover	\$58,877	\$0	0	\$ 58,877
MAPA VL1603	\$709,962	\$ 18,197	0	\$728,159
Subcontractors (if applicable)				
Douglas County GIS	\$82,000	\$20,500	\$14,760	\$ 117,260
Omaha Planning	\$60,000	\$15,000	\$10,800	\$85,800
Omaha Public Works	\$63,000	\$15,750	\$11,340	\$90,090
Sarpy County Planning & GIS	\$65,000	\$16,250	\$11,700	\$92,950
NIROC	\$	\$	\$125,413	\$125,413
Totals	\$1,038,839	\$85,697	\$174,013	\$1,298,549

This Agreement may be supplemented if additional funding becomes available.

8.2 MPO'S FINANCIAL RESPONSIBILITY

MPO understands that payment for the costs of the Eligible Planning Activities, are the sole responsibility of MPO when Federal participation is not allowable or available or if the planning activities are subsequently determined to be ineligible for Federal-aid funding. Therefore, when the Federal government refuses to participate in the costs of the planning activities, MPO is responsible for all costs with no reimbursement under this Agreement.

8.3 REIMBURSEMENT OF COSTS INCURRED BY MPO

8.3.1 MPO incurred costs of Eligible Planning Activities may be reimburse with federal funds if:

- a. MPO submits an UPWP budget and FHWA approves such budget
- b. State has obtained federal funds obligation
- c. Eligible Planning Activities performed prior to July 1, 2016, and after June 30, 2017, are ineligible for Federal-aid reimbursement
- d. MPO obtains the approval of State and of FHWA prior to the purchase of any specialized equipment over \$5,000. Specialized equipment is equipment not ordinarily used or required in the regular administrative or planning operations of MPO. Such equipment must be required for and used primarily for Eligible Planning Activities. The cost of this specialized equipment must be reasonable as determined by State or FHWA

- e. MPO agrees to certify that items of equipment included in direct costs have been excluded from the indirect costs
- f. MPO submits invoices no more frequently than monthly and no less often than quarterly and in accordance with this Agreement. MPO is responsible for submitting for reimbursement the total actual costs expended that are eligible for Federal-aid. State, on behalf of FHWA, will review the costs submitted and determine what costs are eligible for reimbursement. State will reimburse MPO for the Federal share of the eligible actual costs. MPO shall retain detailed cost records supporting all invoices for three (3) years after final cost settlement by FHWA and project closeout by the State. MPO shall submit those records to State upon request.
- g. All Invoices are submitted on or before August 29, 2017.

8.3.2 MPO is required to submit their reimbursement requests electronically through State's invoice workflow system OnBase for review, approval, and payment.

OnBase information, user guide, and instructional videos are available at <http://www.transportation.nebraska.gov/mat-n-tests/onbase/obinfo.html>.

Reimbursement requests should be submitted to State's Highway Planning Manager. The reimbursement request must include the following:

1. Invoice – the invoice must include the following:
 - a. MPO name and address
 - b. Invoice number
 - c. Invoice date
 - d. Services provided to and from dates
 - e. Contact person for questions about the invoice
 - f. Breakdown of MPO's expenses
 - i. Direct Labor Costs (hours worked multiplied by the actual labor rate)
 - ii. Labor Fringe Benefits and/or if appropriate Indirect (Overhead) Costs
 - iv. Direct Non-Labor Costs
 - g. Federal balance due to MPO for the current period
 - h. Federal and Local share breakdown of the expenses
2. NDOR Cost Breakdown Form (DR Form 162C or 162D); properly prepared, signed and dated. The form can be found on State's webpage at <http://www.transportation.nebraska.gov/rfp>.

3. Progress Report – must include the following in accordance with 23 CFR 420.117:
 - a. Comparison of actual performance with established goals
 - b. Progress in meeting schedules
 - c. Comparison of budgeted (approved) amounts and actual costs incurred.
Cost overruns and underruns
 - e. Approved planning program revisions, and
 - f. Other pertinent supporting data
 4. Breakdown of subcontractors/subconsultant expenses and Proof of Payment (e.g. canceled checks or funds transfer)
- 8.3.3 It is understood that when utilizing PL Funds for travel expenses related to Eligible Planning Activities outside MPO area, MPO will submit detailed travel information to State either prior to the travel, or submitted with the PL billing statement. The reimbursement for meal and lodging rates shall be limited to the prevailing standard rate as indicated in the current website address for U.S. General Services Administration's (GSA) rates which is indicated below:
<http://www.gsa.gov/portal/category/100120>
- 8.3.4 State will perform an initial check to verify that all necessary documentation is accurate and complete. State will reimburse MPO for the Federal share of the actual costs of Eligible Planning Activities and will make a reasonable effort to pay MPO within thirty (30) days of State's receipt of MPO's reimbursement request.
- 8.3.5 The criteria contained in Part 31 of the Federal Acquisition Regulations System (48 CFR 31) will be applied to determine whether the costs incurred by MPO are allowable under this agreement, including any subcontractor/subconsultant agreements.
- 8.3.6 Oversight costs include: direct costs, such as compensation of MPO employees for their time devoted and related directly to the performance of the Eligible Planning Activities for which the federal-aid was approved; cost of materials consumed for the Eligible Planning Activities; and indirect costs, with an approved Indirect Cost Allocation Plan as outlined in the LPA Guidelines Manual.

8.4 AUDIT AND FINAL COST SETTLEMENT

- 8.4.1 The final settlement between State and MPO will be made after final funding review and approval by State and after an audit, if deemed necessary, has been performed to determine eligible actual costs.
- 8.4.2 If deemed necessary, an audit will be performed by State to determine whether the actual costs incurred for Eligible Planning Activities are eligible for reimbursement with federal funds. The Parties understand that the audit may require an adjustment of the reimbursement made under this Agreement. MPO agrees to reimburse State for any overpayments identified in the audit review, and State agrees to reimburse MPO for underpayments when appropriate.
- 8.4.3 If MPO's calculated share is more than the amount of local funds previously paid to State, State will bill MPO for the difference. MPO agrees to pay the amount due State within thirty (30) days of receipt of invoice.
- 8.4.4 If MPO's calculated share is less than the amount of local funds previously paid to State, State will reimburse MPO for the difference and will make a reasonable effort to pay MPO within thirty (30) days of the completion of the audit.

SECTION 9. PROCUREMENT OF ENGINEERING AND DESIGN RELATED SERVICES

MPO shall procure engineering design related services (as defined in 23 CFR 172.3) using the Qualifications Based Selection process set out in the LPA Guidelines Manual.

SECTION 10. PROFESSIONAL PERFORMANCE

It is understood by the Parties that MPO is solely responsible for all work product generated as part of the Eligible Planning Activities completed under this Agreement. Any review or examination by State, or acceptance or use of the work product of MPO or its consultant will not be considered to be a full and comprehensive review or examination and will not be considered an approval, for funding or for any other purpose, of the work product of MPO and its consultant which would relieve MPO from any expense or liability that would be connected with MPO's sole responsibility for the propriety and integrity of the work product to be accomplished by MPO or its consultant.

SECTION 11. INDEMNITY

MPO agrees to hold harmless, indemnify, and defend State and FHWA against all liability, loss, damage, or expense, including reasonable attorney's fees and expert fees that State or FHWA may suffer as a result of claims, demands, costs, or judgments arising out of MPO's work and the terms of this Agreement.

SECTION 12. CONFLICT OF INTEREST LAWS

12.1 MPO shall review the Conflict of Interest provisions of 23 CFR 1.33, 49 CFR 18.36(b)(3) and 2 CFR, and agrees to comply with all the Conflict of Interest provisions (including applicable State and local provisions) in order for the Eligible Planning Activities to remain fully eligible for State or Federal funding. MPO should review, understand and follow the instructions provided in the **NDOR CONFLICT OF INTEREST GUIDANCE DOCUMENT FOR LPA OFFICIALS, EMPLOYEES & AGENTS FOR LOCAL FEDERAL-AID TRANSPORTATION PROJECTS** located on State's website at the following location:

<http://www.transportation.nebraska.gov/gov-aff/lpa/chapter-forms/coi/coi-guidance-doc-lpa.pdf>

12.2 MPO must also complete, sign and submit to State's Highway Planning Manager, the **NDOR CONFLICT OF INTEREST DISCLOSURE FORM FOR LPAS FOR LOCAL FEDERAL-AID TRANSPORTATION PROJECTS**. This form is located on State's website at the following location:

<http://www.transportation.nebraska.gov/gov-aff/lpa/chapter-forms/coi/coi-disclosure-doc-lpa.pdf>

12.3 Consultants, subconsultants, agents, or representatives providing services for MPO's, or submitting proposals for services, shall submit to MPO and State's Highway Planning Manager a Conflict of Interest Disclosure Form for Consultants. Consultants, subconsultants, agents, or representative shall submit a revised form for any changes in circumstances, or discovery of any additional facts that could result in someone employed by, or who has an ownership, personal, or other interest with such entity or individual(s) having a real or potential conflict of interest on MPO federal-aid transportation planning activities.

SECTION 13. DRUG FREE WORKPLACE

MPO shall have an acceptable and current drug-free workplace policy on file with State.

SECTION 14. RECORDS RESPONSIBILITY

- 14.1 MPO shall maintain all correspondence, files, books, documents, papers, accounting records and other evidence pertaining to costs incurred and shall make such material available at its office. These records shall be available at all reasonable times during the contract period and for at least three years from the date of final cost settlement by FHWA and project closeout by the State. Such records must be available for inspection by State and the FHWA, Federal Transit Administration, or any authorized representatives of the Federal government, and MPO shall furnish copies to those mentioned in this section when requested to do so.
- 14.2 Papers, interim reports, forms or other materials which are a part of the work under contract will not be copyrighted without written approval of State and Federal Highway Administration.
- 14.3 Either party to the Agreement may initiate a request for publication of the final or interim reports, or any portions thereof.
- 14.4 Publication by either party shall give credit to the other party and to the Federal Highway Administration. However, if State or Federal Highway Administration does not wish to subscribe to the findings or conclusions of the Study the following statement shall be included on the credit sheet: "The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of State or Federal Highway Administration."
- 14.5 In the event of failure of agreement between State and MPO relative to the publication of any reports during the period of the contract, each party reserves the right to publish independently, in which event the nonoccurrence of the other party shall be set forth, if requested.
- 14.6 Both written and oral releases are considered to be within the context of publication. However, there is no intention to limit discussion of the study with participants in the Transportation Planning Program, small technical groups or lectures to employees or students. Lectures to other groups which describe the plans are permissible.
- 14.7 Neither party shall publish nor otherwise disclose, nor permit to be disclosed or published, the results of the investigation herein contemplated, during the period of the Agreement, without notifying the other party.

14.8 When the scheduled time for presentation of a paper does not permit formal review and approval of a complete report, a statement must be included in the paper and in the presentation of the effect that the paper had not been reviewed by the appropriate other party.

SECTION 15. FAIR EMPLOYMENT PRACTICES

If MPO performs any Eligible Planning Activities itself, MPO shall abide by the provisions of the Nebraska Fair Employment Practices Act as provided by Neb.Rev.Stat. § 48-1101 to 48-1126, and all regulations relative to nondiscrimination in federally assisted programs of the Department of Transportation, Title 49 CFR, Parts 21 and 27 as set forth in the SECTION 19. TITLE VI NONDISCRIMINATION CLAUSES of this Agreement. The reference to "Contractor" in this section also means "MPO".

SECTION 16. DISABILITIES ACT

MPO agrees to comply with the Americans with Disabilities Act of 1990 (P.L. 101-366), as implemented by 28 CFR 35, which is hereby made a part of and included in this Agreement by reference.

SECTION 17. LAWFUL PRESENCE IN USA AND WORK ELIGIBILITY STATUS

PROVISIONS

MPO agrees to comply with the requirements of Neb.Rev.Stat. § 4-108 to 4-114 with the Eligible Planning Activities, including, but not limited to, the requirements of § 4-114(2) to place in any contract it enters into with a public contractor a provision requiring the public contractor to use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

SECTION 18. DISADVANTAGED BUSINESS ENTERPRISES (DBE)

18.1 Policy

MPO shall ensure that disadvantaged business enterprises as defined in 49 CFR Part 26 shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with Federal Funds under this Agreement.

18.2 Disadvantaged Business Enterprises (DBEs) Obligation

MPO and State shall ensure that disadvantaged business enterprises as defined in 49 CFR Part 26 have the maximum opportunity to participate in the performance of contracts and subcontracts financed in whole or in part with Federal Funds provided under this Agreement. In this regard, MPO shall take all necessary and reasonable

steps in accordance with 49 CFR Part 26 to ensure that disadvantaged business enterprises have the maximum opportunity to compete for and perform contracts. MPO shall not discriminate on the basis of race, color, sex, age, disability, or national origin in the award and performance of FHWA assisted contracts.

SECTION 19. TITLE VI NONDISCRIMINATION CLAUSES

During the performance of this Agreement, MPO, for itself, its assignees and successors in interest agrees as follows:

19.1 Compliance with Regulations:

MPO shall comply with the Regulations of the Department of Transportation relative to nondiscrimination in federally assisted programs of the Department of Transportation (Title 49, Code of Federal Regulations, Parts 21 and 27, hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this Agreement.

19.2 Nondiscrimination:

MPO, with regard to the work performed by it after award and prior to completion of the contract work, shall not discriminate on the basis of disability, race, color, sex, age, disability, religion or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. MPO shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices when the contract covers a program set forth in Appendix "A," "B," and "C" of Part 21 of the Regulations.

19.3 Solicitations for Subcontracts, Including Procurements of Materials and Equipment:

In all solicitations either by competitive bidding or negotiation made by MPO for work to be performed under a subcontract, including procurements of materials or equipment, each potential subcontractor or supplier shall be notified by MPO of MPO's obligations under this agreement and the Regulations relative to nondiscrimination on the basis of disability, race, color, sex, religion or national origin.

19.4 Information and Reports:

MPO shall provide all information and reports required by the federal regulations, or orders and instructions issued pursuant thereto, and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by State or FHWA to be pertinent to ascertain compliance with such federal regulations, orders and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, MPO shall so certify to State, or FHWA as appropriate, and shall set forth what efforts it has made to obtain the information.

19.5 Sanctions for Noncompliance:

In the event of MPO's noncompliance with the nondiscrimination provisions of this Agreement, State will impose such contract sanctions as it or FHWA may determine to be appropriate, including but not limited to,

- (a) Withholding of payments to MPO under this Agreement until MPO complies, and/or
- (b) Cancellation, termination or suspension of this Agreement, in whole or in part.

19.6 Incorporation of Provisions:

MPO shall include the provisions of sections 19.1 through 19.6 in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Regulations, order, or instructions issued pursuant thereto. MPO shall take such action with respect to any subcontract or procurement as State or FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that, in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or supplier as a result of such direction, MPO may request State to enter into such litigation to protect the interests of State, and in addition, MPO may request the United States to enter into such litigation to protect the interests of the United States.

SECTION 20. ENTIRE AGREEMENT

This Agreement embodies the entire agreement of the Parties. There are no promises, terms, conditions, or obligations other than contained herein, and this Agreement supersedes all previous communications, representations, or other agreements or contracts, either oral or written hereto.

SECTION 21. CERTIFICATION REGARDING LOBBYING FOR CONTRACTS, GRANTS, LOANS, AND COOPERATIVE AGREEMENTS

- 21.1 The undersigned certifies, to the best of his or her knowledge and belief, that:
- 21.1.1 No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
 - 21.1.2 If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying" in accordance with its instructions.
 - 21.1.3 The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, subgrants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.
- 21.2 This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

SECTION 22. PAPERWORK REDUCTION ACT PUBLIC BURDEN STATEMENT

A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a current valid OMB control number. The OMB Control No. for this information collection is 2105-0555. The information requested on this form is being collected and disseminated by the U.S. Department of Transportation, Office of the Secretary as a courtesy to the public. Public burden reporting for this collection of information is

estimated to be 15 minutes per response, including time for reviewing instructions, and completing and reviewing the collection of information. All responses to this collection are mandatory. Send comments regarding the burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to: Information Collection Clearance Office, US Department of Transportation, Office so Small and Disadvantaged Business Utilization, Financial Assistance Division, 1200 New Jersey Ave., S.E., 5th Floor, W56-448, Washington, DC 20590.

SECTION 23. PRIVACY ACT STATEMENT

The Privacy Act requires that we provide you with the following information regarding our use of your Personally Identifiable Information. The information on this form is solicited under the authority of Title 49 U.S.C. 332(b)(3)(4)(5) which authorizes DOT OSDBU to assist Disadvantage Business Enterprises and Small and Disadvantaged Businesses in acquiring access to working capital and to debt financing, in order to obtain transportation related contracts funded by DOT. STLP loans are provided through lenders that serve as STLP Participating Lenders (PL). The PLs enter into a Cooperative Agreement with DOT's OSDBU. The STLP is subject to budgeting and accounting requirements of the Federal Credit Reform Act of 1990 (FCRA). The PL must carry out processes to activate, monitor, service and close out STLP loans. To fulfill the requirements of FCRA, the PL submits reports and the forms to OSDBU. Provisions of the requested information are voluntary; however it is a requirement of the Cooperative Agreement.

IN WITNESS WHEREOF, the Parties hereby execute this agreement pursuant to lawful authority as of the date signed by each party.

EXECUTED by the MPO this 17th day of June, 2016.

WITNESS:

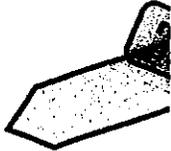
MAPA MPO

Melissa K. Engel

Greg Youell


Finance & Operations Director


Executive Director



EXECUTED by the State this ____ day of _____, 2016.

STATE OF NEBRASKA
DEPARTMENT OF ROADS
Brandie Neemann, P.E.

Planning & Project Development Engineer

OMAHA-COUNCIL BLUFFS METROPOLITAN AREA PLANNING AGENCY

RESOLUTION NUMBER 2016 – 14

WHEREAS, the members of the Omaha-Council Bluffs Metropolitan Area Planning Agency (MAPA) Board of Directors have been formally designated by their respective legislative bodies to act as their official representatives in planning matters of mutual concern;

WHEREAS, the MAPA Board of Directors requires the development of an Annual/Unified Work Program (A/UWP) identifying the agency and transportation planning activities for the organization; and

WHEREAS, the preliminary MAPA fiscal year 2017 Annual/Unified Work Program (A/UWP) has identified that funds may be needed from the Nebraska Department of Roads (NDOR), Iowa Department of Transportation (Iowa DOT), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Iowa Department of Economic Development (IDED), Iowa Department of Natural Resources (IDNR), Nebraska Department of Environmental Quality (NDEQ), Nebraska Department of Economic Development (NDED), Economic Development Administration (EDA), the U.S. Department of Housing and Urban Development (HUD), Environmental Protection Agency (EPA), U.S. Department of Defense (DOD) and local jurisdictions to complete planning programs and projects, including transportation, identified in this work program;

THEREFORE BE IT RESOLVED, that the MAPA Board of Directors authorizes the Executive Director to file, negotiate and execute applications, contracts, agreements, assurances and other documents required with the following agencies: Nebraska Department of Roads (NDOR), Iowa Department of Transportation (Iowa DOT), Federal Highway Administration (FHWA), Federal Transit Administration (FTA), Iowa Department of Economic Development (IDED), Iowa Department of Natural Resources (IDNR), Nebraska Department of Environmental Quality (NDEQ), Nebraska Department of Economic Development (NDED), the Economic Development Administration (EDA), the U.S. Department of Housing and Urban Development (HUD), Environmental Protection Agency (EPA), and U.S. Department of Defense (DOD).

CERTIFICATE

The undersigned duly qualified and acting as Chairman of the Board of the Omaha- Council Bluffs Metropolitan Area Planning Agency certifies that the forgoing is a true and correct copy of a resolution, adopted as a legally convened meeting of the Board of Directors of the Omaha-Council Bluffs Metropolitan Area Planning Agency held on April 28, 2016.

Ron Kohn

Ronald Kohn, Chairman
MAPA Board of Directors

April 28, 2016

Date

Exhibit III Compensation

Douglas County GIS
Project Budget

	Hours	Hourly Rate	Salary	Fringe	Total	Federal Share	Local Share
Project 1: Cityworks							
Project Manager	15	\$48.38	\$726	\$398	\$1,124	\$787	\$337
Project Staff	721	\$31.2-\$37.43	\$26,226	\$15,688	\$41,914	\$39,332	\$2,582
Subtotal Project 1	736		\$26,952	\$16,086	\$43,038	\$40,119	\$2,919
Project 2: Data							
Project Manager	57	\$48.38	\$2,758	\$1,511	\$4,269	\$2,988	\$1,281
Project Staff	323	\$31.2-\$37.43	\$10,976	\$6,568	\$17,544	\$12,281	\$5,263
Subtotal Project 2	380		\$13,734	\$8,079	\$21,813	\$15,269	\$6,544
Project 3: Apps							
Project Manager	61	\$48.38	\$2,951	\$398	\$3,349	\$2,344	\$1,005
Project Staff	322	\$31.2-\$37.43	\$11,181	\$7,906	\$19,087	\$13,361	\$5,726
Subtotal Project 3	383		\$14,132	\$8,304	\$22,436	\$15,705	\$6,731
Subtotal Staff Costs	1499		\$54,818	\$32,469	\$87,287	\$71,093	\$16,194
Indirect Cost Rate (34.34%)					\$29,973	\$10,907	\$19,066
Total Project Budget					\$117,260	\$82,000	\$35,260

MAPA Unified Work Program Funding Request

Douglas County GIS

Fiscal year: 2016-2017

Project #1

Project Name:

Cityworks Work Order and Asset Management System

Project Description:

Various departments within the City of Omaha and Douglas County manage their transportation-related assets and maintenance activities using a GIS-based program called Cityworks. Cityworks enables employees to track service requests, work orders, inspections, and any associated employee, labor, and materials quantities/costs. City and County departments manage many of their transportation-related assets using the GIS functionality of Cityworks. These assets include streets, roadway shoulders, construction projects, curb ramps, bridges, maintenance areas, sidewalks, sewers, snow removal routes, pavement markings, parking meters, signs, traffic signals, street parking, alleys, and unimproved roads.

The service requests, work orders, and inspections tracked in Cityworks relate to many different transportation entities. Some of those include bridge maintenance, sign replacement, pothole patch, crack seal, traffic counts, alley repair, cave-ins, utility cuts, signal structure maintenance, signal outage, parking meter maintenance, and many others.

The Douglas County GIS Department administers the Cityworks program and its related GIS database. This administration includes maintaining the databases and web applications, managing the server hardware, creating GIS data, building reports, training users, and implementing new Cityworks workflows.

Deliverables:

MAPA staff can access the Cityworks program at <http://www.dogis.org/cws> using a login/password created by DCGIS staff. This access will enable MAPA staff to view work history, asset inventories, and scheduled maintenance for transportation-related assets and workflows. A listing of potential workflows that can be viewed within Cityworks is included on the next page. Deliverable details will be provided on each invoice.

Barricades

Construction - ADA Curb Ramp, Condemned Driveway Approach, Curb & Gutter, Driveway Approach Repair, Pavement Repair, Sidewalk Repair, Utility Repairs, Warranty Work, Sidewalk Snow Removal

DC Engineer - Bridge Maintenance, Clean Culverts, Repair Culverts, Clean and Reshape Ditches, Place and Replace Culverts, Change Sign Posts, Install Sign Posts, Relocate Sign Posts, Remove Sign Posts, Repair Sign Posts, Replace Sign Posts, Straighten Sign Posts, Concrete Street Maintenance, Gravel Road Maintenance, Machine Patch, Patch (Premix), Seal Cracks and Joints, Shoulder Maintenance, Traffic Count

Parks - Remove Trees in Roadway, Prune Trees Affecting Roadway, Litter ROW, Weeds ROW

Sewer - Cave In, Clean Asset, Cover, CSO Projects, CSO Signs, Depress ROW, Depress Street, Easement Jetting, Plugged Inlet, Sewer Construct Inlet, Sewer Construct Manhole, Water Main Break

DC Environmental - Dry Basin Debris Removal, Dry Basin Mowing, Dry Basin Sediment Removal, Dry Basin Trash Removal, Stormwater Discharge - Contact Sewer Mtce, Stormwater Discharge - Contact Street Mtct, Wet Basin Debris Removal, Wet Basin Sediment Removal, Wet Basin Trash Removal

Street - Alley Repair, Asphalt Work, Back Fill Inspection, Concrete Work, Debris Removal, Sand Barrel, Tree Limbs, Unimproved Alley, Utility Cut, Creek Maintenance/Cleaning, Bridge Routes, Chuck Holes, Plow Routes, Snow Hauling, Snow and Ice Complaints, Snow Blower Operations, Remove Storm Debris, Street Snow Violations, Spread Routes, Concrete Blow ups, Concrete Cave ins, Chemical Spills (Roadway), Construction Project, Crack Seals, Culvert Cleaning, Culvert Installation, Culvert Repair, Curb Repairs, Ditch Maintenance/Cleaning, Guardrail Repair, Manure Spill, Other Pavement Repairs, Panel Replacement, Rehab/Construction, Sand Barrel Refill, Snow Pickup/Removal, Storm Debris Removal - ROW, Undermining, Unimproved Road, Utility Cut Repair, Weed Control - Cut Spray in ROW

Traffic - Controller Cabinet Emergency Damage, Controller Cabinet Maintenance, Controller Cabinet Radar, Controller Cabinet Video, Controller Cabinet Wireless, Parking Meter Hooding, Bent Sign Post, Down Sign Post, Hanging Sign Post, Improper Height Sign Post, Loose Mounting Sign Post, Missing Sign Post, Non-Conforming Sign Post, Obstruction Sign Post, Poor Condition Sign Post, Request New Sign, Storm Damage Sign Post, Traffic Accident, Sign Post, Vandalized Sign Post, Emergency Damage Signal Structures, Maintenance Signal Structures, Modification/Upgrade Signal Structures, Install Special Event Signs, Remove Special Event Signs

Police – Speed Enforcement, Abandoned Vehicles, Parking Issues

Parking – Meter Hooding, Parking Violations

MAPA Unified Work Program Funding Request

Douglas County GIS

Fiscal year: 2016-2017

Project #2

Project Name:

GIS Data Maintenance

Project Description:

Douglas County GIS provides ongoing geospatial data creation, maintenance, and management for Douglas County and the City of Omaha. One of our goals is to accurately develop and maintain datasets that support transportation planning, modeling, analysis, and forecasting. Numerous spatial datasets are maintained directly by the GIS Department, while others are generated through computer systems and web applications also maintained by the department.

Datasets maintained in the county's repository that support transportation planning efforts include:

- Streets, addresses, and property information
- Planning and design data
- Street and traffic maintenance
- Construction
- Roadway assets
- Traffic counts and crashes
- Bike and trail networks
- Aerial photography

Deliverables:

More than 200 various transportation-related GIS data layers that are maintained and/or managed by Douglas County GIS. These data layers are available to MAPA staff via LAN-based direct connection to our GIS database or through GIS Web applications. Deliverable details will be provided on each invoice. Here is a summary listing of transportation-related layers available:

Layer	Description
Major and Mile St Anno	Street name annotation labels for major and mile streets
Omaha Bike Network layers	Bicycle-related assets and planning networks for Omaha
Brooming	street-sweeping maintenance areas and routes
Elevation Contours	line features showing elevation features from 1993, 2004, and 2010
College World Series	various layers representing different assets, resources, and plans related to managing the annual CWS event
Traffic crashes	crash location point data from Omaha Public works and the Douglas County Engineer
Downtown Omaha	specific Downtown Omaha planning layers for assisting with development projects
Building footprints	roof outline polygons for all of Douglas County used in various planning projects
Future Land Use	point and polygon layers representing future land use designations within Omaha
Impervious surfaces	water impervious surface areas represented by classified polygons for bridges, pavement of all kinds, and other features
Metro Street Network	geometric network dataset including Douglas and Sarpy County roads to be used for routing, closest facility, and service area analysis
Trail system	line and point features representing existing and proposed trails, access points, and mileage markers
Planning	blight, zoning, TIF, annexation, street trees, streetcar layers used in current and future redevelopment and transportation plans and projects
Public Works	pavement polygons, truck routes, and various other maintenance routes
Street Maintenance	residential area designation and road route designations for various street maintenance operations
Parking	surface parking areas, parking garages, and meters
Transportation	various layers representing roadway-specific features like alleys, mile markers, lane miles, and intersections
Transportation planning	various transportation planning layers related to Omaha's transportation master plan
Address points	Point features representing every physical address within Douglas County
Roadway assets	bridges, culverts, hydrants
Intersections	Street intersection points used for asset assignment (traffic signals) and crash analysis
Green streets	transportation planning layer used to identify green street areas
Parcels	point and polygon layers showing property ownership
Projects	polygons representing past, current, and future transportation-related construction projects by Omaha, MUD, and CSO
Safe routes	various layers highlighting safe route designations along roadways
Solid waste	various layers used for planning and operation of municipal solid waste removal along roadways
Street centerlines	line features representing the centerline of all roadways in Douglas County and including full address range and street name attributes
Traffic maintenance	designated areas of Omaha for traffic maintenance operations
Traffic counts	traffic count data collected by Omaha Public Works
Urban design	various layers support urban design standards within Omaha
Construction Projects	construction project and repair layers, brick streets, and curb ramps
Right-of-Way	various layers designating ROW maintenance responsibilities
Sewer	manholes, inlets, and other roadway features that make up components of the Omaha area sewer network
Snow removal	various layers used for managing snow removal operations and snow-related city ordinances along roadways
Signs	various layers used to represent roadway signage used for planning and maintenance
Traffic signals	various layers used to manage above and below ground traffic signal assets and signal timing

MAPA Unified Work Program Funding Request

Douglas County GIS

Fiscal year: 2016-2017

Project #3

Project Name:

GIS Applications

Project Description:

Douglas County GIS designs, develops, implements, and maintains various GIS web and mobile applications in support of transportation-related activities with Omaha and Douglas County. These applications range from dashboard-style apps that provide high-level overviews of activity to daily operations work management apps to mobile field data collection apps. Management of the many applications used by City and County departments includes staff time, server and infrastructure costs, software costs, and project management skills.

Examples of the different types of GIS applications we use to support transportation-related projects are listed below:

- Douglas-Omaha Geographic Information System (DOGIS) - public mapping website www.doqis.org
- SnowOps – snow removal and maintenance tracking system www.doqis.org/snowops
- Project Coordinator and Project Viewer – multi-agency infrastructure project collaboration tools (Coordinator for creating and updating projects; Viewer for viewing project info) www.doqis.org/projectcoordinator and www.doqis.org/projectviewer
- Cityworks – GIS-based work order and asset management system www.doqis.org/cws
- Citysourced – mobile citizen engagement app for reporting roadway and other civic issues <http://console.citysourced>
- Pictometry Connect – oblique imagery viewer for asset management and other analysis <http://pol.pictometry.com>
- Geocortex – various GIS web applications for viewing transportation GIS data:
 - Bike parking and related bike facilities (www.doqis.org/bikeracks)
 - Street sweeping operations (www.doqis.org/brooming)
 - DC Clerk fixed roadway asset inventory (www.doqis.org/clerk)
 - Traffic crash tracking and analysis for Douglas County jurisdiction (www.doqis.org/dce_crashes)
 - Traffic crash tracking and analysis for City of Omaha jurisdiction (www.doqis.org/accidents)
 - Public Works design and engineering viewer (www.doqis.org/design)
 - Public Works General Services viewer (www.doqis.org/opw_gen_svcs)
 - Public Works right-of-way asset inventory and maintenance tracking (www.doqis.org/row)
 - Public Works roadway shoulders mapping and inventory (www.doqis.org/shoulders)
 - Public Works pavement marking and mobile data collection (www.doqis.org/striping)
 - Public Works traffic sign and signal mapping (www.doqis.org/traffic_editing)
 - Public Works traffic engineering and analysis (www.doqis.org/traffic_engineering)
- ArcGIS Desktop, Pro, Server, and Mobile – GIS tools for creating/viewing data, publishing GIS data, and performing field inspections and data collection
- ArcGIS Online – public and private web maps for displaying and analyzing transportation datasets <http://omaha.maps.arcgis.com> and <http://doqis.maps.arcgis.com>

Deliverables:

Many of the applications listed above are publicly available to MAPA staff using the url's provided. Some of the apps are secure access, for which access can be arranged for MAPA staff upon request. MAPA can also request custom maps or apps from us to support their planning needs. Deliverable details will be provided on each invoice.